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THE CITY RECORD.

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GEORGE B. McCLELLAN, Mayor.

FRANCIS K. PENDLETON, Corporation Counsel.

HERMAN A. METZ, Comptroller.

PATRICK J. TRACY, Supervisor.

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PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,

No. 154 NASSAU STREET, NEW YORK CITY.

CALENDAR OF HEARINGS.

The following hearings will be held during the remainder of the week beginning Monday, November 23, 1908:

- Tuesday, November 24—11 a. m.—Room 305.—CITY OF NEW YORK AND DEGNON CON-
TRACTING Co.—Arbitration of determination of Henry B. Sesman, Chief Engineer.
- 2 p. m.—Room 305.—Order No. 786.—CENTRAL PARK, NORTH AND EAST RIVER RAILROAD CO., AND FREDERICK W. WHITRIDGE, RECEIVER OF THE THIRD AVENUE RAILROAD CO.—"Why Companies should not make joint rate for through transportation of passengers."—Whole Commission.
- 2 p. m.—Room 305.—Order No. 706.—CENTRAL PARK, NORTH AND EAST RIVER RAILROAD CO., AND FREDERICK W. WHITRIDGE, RECEIVER OF THE FORTY-SECOND STREET, MANHATTANVILLE AND ST. NICHOLAS AVE. RAILWAY CO.—"Why Companies should not make joint rate for through transportation of passengers."—Whole Commission.
- 2:30 p. m.—Commissioner Malbie's Room.—Order No. 823.—ALL ELECTRIC LIGHT COMPANIES.—"Whether Companies should obey certain regulations regarding publication of rates, etc."—Commissioner Malbie.
- 2:30 p. m.—Room 310.—Order No. 833.—NEW YORK & QUEENS COUNTY RAILWAY CO.—R. H. Nickerson for Corona Improvement Association.—"Failure to run cars from Long Island City to the Corona Terminals."—Commissioner Bassett.
- Wednesday, November 25—2:30 p. m.—Room 310.—Order No. 531.—STATEN ISLAND RAPID TRANSIT CO., AND STATEN ISLAND RAILWAY CO.—Fifth Ward Improvement Association, Complainant.—"Passenger rates, etc."—Commissioner McCarroll.
- 2:30 p. m.—Room 305.—Order No. 839.—INTERBOROUGH RAPID TRANSIT CO.—"Inquiry under Section 50, Public Service Commissions Law, as to presence of slot machines in subway built under Contract No. 2."—Commissioner Bassett.
- 3:30 p. m.—Commissioner Malbie's Room.—Order No. 800.—FULTON ST. R. R. CO., AND GILBERT H. MONTAGUE, Receiver.—Mallory Steamship Co., et al.—"Restoration of cars on Fulton St. Line."—Commissioner Malbie.
- Friday, November 27—11 a. m.—Room 305.—CITY OF NEW YORK AND JOHN B. McDONALD.—Arbitration of determination of George S. Rice, Chief Engineer.
- 2:30 p. m.—Room 305.—YONKERS RAILROAD CO., AND UNION RAILWAY CO., NATHAN A. WARREN, Complainant.—"Discontinuance of through rates between Yonkers and New York."—Commissioner Eustis of First District and Commissioner Decker of Second District.
- 4 p. m.—Room 310.—Order No. 790.—NEW YORK, NEW HAVEN & HARTFORD R. R. CO.—South Bronx Property Owners' Association, Complainant.—"Unsanitary methods in loading cars in Harlem River Yards."—Commissioner Eustis.

Regular meetings of the Commission are held every Tuesday and Friday at 11:30 a. m.

POLICE DEPARTMENT.

November 7, 1908.

The following proceedings were this day directed by the Police Commissioner:
On reading and filing communication from Mrs. Mary Whittle, widow of William H. Whittle, a deceased Patrolman, said communication being dated the 4th day of November, 1908, it is
Ordered, That the pension heretofore granted to Ruth Whittle be and the same is hereby terminated as of the 22d day of November, 1908.

Disapproved.

Application of Samuel Mundheim Company, No. 1 Carlton avenue, Brooklyn, for appointment of John Desmond as Special Patrolman.

Concert License Granted.

Imperial Theatre Company, Imperial Theatre, No. 60 West One Hundred and Sixteenth street, Manhattan, from November 9, 1908, to February 8, 1909; fee, \$150. No liquors.

Masquerade Ball Permits Granted.

- J. S. Matthews, Webster Hall, Manhattan, November 7; fee, \$25.
L. Kuickman, Plaza Hall, Manhattan, November 7; fee, \$25.
D. Heffernan, Tammany Hall, Manhattan, November 7; fee, \$25.
C. Hauser, Tammany Hall, Manhattan, November 11; fee, \$25.
A. J. Padrucci, Amsterdam Opera House, Manhattan, November 11; fee, \$25.
J. McCann, Lincoln Square Palace, Manhattan, November 14; fee, \$10.
C. A. Boehm, Tammany Hall, Manhattan, November 28; fee, \$25.
J. Arnpol, New Star Casino, Manhattan, December 25; fee, \$25.
W. Flatz, Ebling's Casino, The Bronx, November 7; fee, \$25.
W. Flatz, Ebling's Casino, The Bronx, November 9; fee, \$25.
A. Loewy, Jackson Casino, The Bronx, November 25; fee, \$25.
J. J. Leonard, Breikopf's Congress Hall, Brooklyn, November 14; fee, \$10.
J. S. Hayes, Astoria Schutzen Park, Queens, November 7; fee, \$10.
J. B. McCook, Jr., Queens Borough Club House, Queens, November 7; fee, \$5.
D. V. Shea, Dauers Hall, Queens, November 14; fee, \$10.
L. H. Mandt, German Club Rooms, Richmond, November 26; fee, \$10.

Special Order No. 287, issued this day, is hereby made part of the proceedings of the Police Commissioner.

Special Order No. 287.

The detail of the following Captains of Police to act as Inspectors, with the title while so acting of Inspector of Police, is hereby revoked, and the said Captains are transferred and assigned as follows:

To take effect 8 a. m., November 7, 1908—James E. Hussey, from Tenth Inspection District to One Hundred and Fifty-seventh Precinct; Henry Burfeind, from First Inspection District to Twenty-first Precinct.

The following Captain of Police is detailed to act as Inspector, with the title while so acting of Inspector of Police, and is transferred and assigned to command as follows:

To take effect 8 a. m., November 7, 1908—Patrick Corcoran, from Thirty-ninth Precinct to Second Inspection District.

The following Lieutenants having been promoted to the rank of Captain, are transferred and assigned as indicated:

To take effect 8 a. m., November 7, 1908—John O'Brien, from One Hundred and Fifty-seventh Precinct to Twenty-third Precinct; William F. Boettler, Traffic Precinct A.

The following Sergeants having been promoted to the rank of Lieutenant, are transferred and assigned as indicated:

To take effect 8 a. m., November 7, 1908—Michael A. Downs, from Seventh Inspection District to Forty-third Precinct; Robert F. Powers, from Thirteenth Precinct to One Hundred and Sixty-third Precinct; Frederick W. Blohm, Thirty-sixth Precinct; George V. Kass, from Brooklyn Borough Headquarters Squad to Twenty-second Precinct; John McCarthy, from Two Hundred and Seventy-eighth Precinct to Two Hundred and Seventy-fourth Precinct; Max Neumaier, from One Hundred and Sixty-fifth Precinct to Two Hundred and Seventy-seventh Precinct; Peter I. Tighe, from One Hundred and Fourth Precinct to Eighteenth Precinct; James P. Treanor, from Twenty-third Precinct to Seventh Precinct; Robert P. Thurston, from Twenty-third Precinct to One Hundred and Forty-fifth Precinct; James W. Hallock, from Harbor Precinct, Station A, to Tenth Precinct.

The following transfers and assignments are hereby ordered:

To take effect 8 a. m., November 7, 1908—

Inspectors.

John P. Flood, from Inspector, Boroughs of Brooklyn and Queens, to Seventh Inspection District; George W. McClusky, from Seventh Inspection District to Third Inspection District; George F. Titus, from Central Office Squad to Tenth Inspection District; John H. Russell, from Second Inspection District to First Inspection District; Max Steinbruck, from Third Inspection District to Central Office Squad, duty in Bureau of Repairs and Supplies and School of Instruction.

Captains.

Albert Ruthenberg, from Two Hundred and Seventy-sixth Precinct to Two Hundred and Eighty-second Precinct; John D. Herlihy, from Thirty-second Precinct to Fifteenth Precinct; William H. Shaw, from Fifteenth Precinct to Thirty-second Precinct.

Acting Captains.

Thomas H. Murphy, from Twenty-third Precinct to One Hundred and Forty-fourth Precinct; Joseph L. Ivory, from Twenty-first Precinct to Two Hundred and Seventy-sixth Precinct.

Patrolman.

Frederick Schaefer, from Fifteenth Precinct to Thirty-fifth Precinct.

To take effect 8 a. m., November 10, 1908:

Patrolman.

John McKeon, Ninth Precinct, transferred to Traffic Precinct C and assigned to mounted duty.

The following temporary assignments are hereby ordered:

Inspectors.

Max F. Schmitzberger, Fourteenth Inspection District, assigned as Borough Inspector, Brooklyn, from 8 a. m., November 7, 1908; Patrick Corcoran, Second Inspection District, assigned to command First Inspection District, in addition to his own district, during absence of Inspector John H. Russell, for eighteen hours, from 8 a. m., November 7, 1908; James F. Thompson, Sixth Inspection District, assigned to command Seventh Inspection District, in addition to his own district, during absence of Inspector John F. Flood, for eighteen hours, from 8 a. m., November 7, 1908.

Captain.

Edward Walling, Traffic Precinct B, assigned to command Fourteenth Inspection District, from 8 a. m., November 7, 1908.

Lieutenants.

Frederick W. Blohm, Thirty-sixth Precinct; Max Neumaier, Two Hundred and Seventy-seventh Precinct, and James W. Hallock, Tenth Precinct, assigned to Cen-

tral Office Squad, for twenty days, from 8 a. m., November 7, 1908; James Jackson, Thirty-ninth Precinct, assigned to command precinct pending assignment of a Captain, from 8 a. m., November 7, 1908; Edward Burns, Traffic Precinct B, assigned to command precinct during temporary assignment of Captain Edward Walling in command of Fourteenth Inspection District, from 8 a. m., November 7, 1908; Charles Northrop, Traffic Precinct B, assigned to desk duty in precinct during temporary assignment of Captain Edward Walling in command of Fourteenth Inspection District, from 8 a. m., November 7, 1908; Daniel J. Hogan, Harbor Precinct, Station A, assigned to Station B during absence of Lieutenant John Stevenson on vacation, from 8 a. m., November 5, 1908.

Sergeants.

Henry Horan, Harbor Precinct, Station B, assigned as Acting Lieutenant in precinct during absence of Lieutenant William J. Mulcare on sick leave, from 6 p. m., November 4, 1908; Patrick J. J. Dinan, Twenty-fifth Precinct, assigned as Acting Lieutenant in precinct during absence of Lieutenant George T. Green at trial room, from 9 a. m., November 6, 1908; John Carrey, Thirty-third Precinct, assigned as Acting Lieutenant in precinct pending assignment of a Lieutenant, from 4 p. m., November 5, 1908.

Patrolmen.

Frederick J. Beekler, Twelfth Precinct, assigned to Detective Bureau, Manhattan, duty in Record Room, during absence of Lieutenant Henry Cohen on vacation, from 8 a. m., November 9, 1908; Thomas Rahl, Second Precinct, assigned as driver of patrol wagon in precinct during absence of regular drivers on vacation, from 12:01 a. m., November 6, 1908; William Donnelly, Traffic Precinct C, assigned to Thirty-first Precinct, duty on Blackwells Island Bridge, for ten days, from 4 p. m., November 6, 1908.

The following extensions of temporary assignments are hereby ordered:

Patrolmen.

Joseph Hamill, Twenty-third Precinct, to District Attorney's office, New York County, for five days, from 12 noon, November 6, 1908; William A. Cook, One Hundred and Forty-seventh Precinct, to Central Office Squad, duty in Second Deputy Commissioner's office, for twenty days, from 12 noon, November 8, 1908; Thomas J. Callanan, Fifth Precinct, to Sixth Inspection District, duty in plain clothes, for ten days, from 8 p. m., November 8, 1908; Henry Seligman, Thirty-fifth Precinct, and Edward Wichman, Sixty-first Precinct, to First Inspection District, duty in plain clothes, for ten days, from 8 p. m., November 8, 1908.

The following members of the Department are excused for eighteen hours, as indicated:

Inspector.

John F. Flood, Seventh Inspection District, from 8 a. m., November 7, 1908.

Captains.

Edward J. Toole, Fifth Precinct, from 2 p. m., November 8, 1908; Joseph C. Ghegan, Ninety-ninth Precinct, from 8 a. m., November 7, 1908, with permission to leave city; Stephen McDermott, Eighty-ninth Precinct, from 2 p. m., November 9, 1908; Louis Kreuscher, Fortieth Precinct, from 12 noon, November 9, 1908; Patrick J. Gray, Ninth Precinct, from 2 p. m., November 8, 1908, with permission to leave city; James H. Post, Sixty-first Precinct, from 10 a. m., November 9, 1908.

Acting Captains.

Joseph L. Ivory, Two Hundred and Seventy-sixth Precinct, from 12 noon, November 8, 1908; William McCallagh, Traffic Precinct C, from 8 a. m., November 7, 1908.

The following leaves of absence are hereby granted with full pay:

Patrolmen.

Louis J. Dehm, Sixty-third Precinct, for three days, from 12 noon, November 5, 1908; John J. Flynn, Thirty-sixth Precinct, for two days, from 12 noon, November 5, 1908, with permission to leave city; Patrick J. Murray, Sixty-fifth Precinct, for three days, from 12:01 a. m., November 7, 1908.

The following leaves of absence are hereby granted without pay:

Patrolmen.

John C. Kelly, Eighth Precinct, for three days, from 12 noon, November 7, 1908; Dennis L. Cahill, Traffic Precinct C, for one day, from 12:01 a. m., November 7, 1908; Thomas F. Magner, First Precinct, for two days, from 12 noon, November 8, 1908, with permission to leave city; John M. Barry, Traffic Precinct A, for one day, from 12:01 a. m., November 7, 1908; William Herlihy, Traffic Precinct C, for one day, from 12:01 a. m., November 7, 1908; John O'Gorman, Thirteenth Precinct, for one day, from 12:01 a. m., November 7, 1908; Thomas J. Quilty, Traffic Precinct C, for one day, from 12:01 a. m., November 7, 1908.

The following applications for full pay are hereby granted:

Patrolmen.

Peter Begina, Seventeenth Precinct, for five days, from 1:35 p. m., October 21, 1908; Anthony Johnson, Thirty-ninth Precinct, for sixteen days, from 12:01 a. m., October 1, 1908; Bernard G. Kohler, Twenty-eighth Precinct, for nine days, from 12:08 p. m., October 12, 1908; Joseph C. Alcorn, Thirty-ninth Precinct, for twenty-six days, from 5:45 a. m., September 22, 1908; John J. Gibbons, Sixty-sixth Precinct, for six days, from 9:40 p. m., October 18, 1908; Francis C. Kelleher, Fifth Precinct, for eleven days, from 11 p. m., July 20, 1908.

The following advancements to grades are hereby ordered:

Patrolmen.

To \$1,350 Grade, September 9, 1908.

Denis Sullivan, Twenty-third Precinct; James Trainor, Twenty-ninth Precinct; William Walsh, Thirty-fifth Precinct; Charles Beeman, Sixty-sixth Precinct; William Clancy, One Hundred and Forty-fourth Precinct; Leo Ferda, One Hundred and Forty-seventh Precinct; George B. Borling, One Hundred and Fifty-fifth Precinct; John F. Solan, One Hundred and Fifty-sixth Precinct; Frederick Wolfe, Two Hundred and Eighty-third Precinct; William T. Ennis, Two Hundred and Eighty-third Precinct.

To \$1,350 Grade, September 11, 1908.

Harry J. Murtha, Second Precinct; John C. Ginnane, Sixty-third Precinct; Thomas F. Bolger, One Hundred and Fifty-third Precinct; Robert W. Levina, Detective Bureau, Manhattan.

To \$1,350 Grade.

Walter C. Rosendale, Traffic Precinct D, August 8, 1908; Thomas J. Mear, One Hundred and Sixty-fifth Precinct, September 10, 1908; George W. Hoffman, Fifth Precinct, September 14, 1908; Daniel P. Hart, Detective Bureau, Manhattan, September 16, 1908; Michael Carroll, Ninth Precinct, September 16, 1908; Andrew J. Riordan, Central Office Squad, September 23, 1908.

To \$1,250 Grade, September 1, 1908.

John Faber, Fifteenth Precinct; Henry Keil, Fifteenth Precinct; Benjamin Jacobs, Sixteenth Precinct; Conrad J. Kammerer, Fortieth Precinct; Joseph A. Whitmore, Forty-third Precinct; Thomas Archer, One Hundred and Sixty-fourth Precinct; Michael B. Conlon, Sixth District.

To \$1,250 Grade, October 1, 1908.

John M. Campbell, Seventh Precinct; Patrick J. Driscoll, Sixteenth Precinct; Joseph Ceck, Thirty-first Precinct; James W. Moran, Thirty-sixth Precinct; Emil Heidenreich, Sixty-first Precinct; Eugene Gallagher, Twenty-second Precinct; William A. Higgins, One Hundred and Forty-fifth Precinct; Thomas J. Barrett, One Hundred and Sixtieth Precinct; Jeremiah T. Regan, One Hundred and Sixtieth Precinct; Walter G. Slems, One Hundred and Sixty-fourth Precinct; Anselm Cramer, One Hundred

and Sixty-fourth Precinct; Thomas J. Doyle, Two Hundred and Seventy-fourth Precinct; Everett Kellum, Two Hundred and Seventy-eighth Precinct; Patrick McKeogh, Traffic Precinct B; James McGuire, Traffic Precinct D.

To \$1,250 Grade.

Oscar Schultz, Sixty-first Precinct, August 22, 1908; Joseph F. Jeckel, One Hundred and Sixtieth Precinct, September 10, 1908; Henry C. Snyder, Sixty-first Precinct, September 17, 1908; George Wagner, Seventeenth Precinct, September 22, 1908.

To \$1,000 Grade.

William R. G. McNamara, Traffic Precinct A, September 4, 1908.

The following amendments are hereby ordered:

So much of paragraph 2, Special Order No. 282, current series, as assigns Inspector John H. Russell, Second Inspection District, to command First Inspection District, from 12 noon, November 8, 1908, until 6 a. m., November 12, 1908, is hereby revoked.

Paragraph 7, Special Order No. 285, current series, to read Patrolman John C. Boerner, Twenty-third Precinct, instead of Twenty-sixth Precinct.

The following Special Patrolmen are hereby appointed:

To take effect November 6, 1908—John D. Ryan and Patrick Daly, for Interborough Rapid Transit Company, No. 13 Park row, Manhattan.

To take effect November 7, 1908—William Bishop, for Holmes Electric Protective Company, No. 34 East Fourteenth street, Manhattan.

The resignations of the following Special Patrolmen are hereby accepted, and they are reappointed, to take effect as of date indicated:

November 6, 1908—Peter McGinn, for W. F. Bosselman, and others, No. 105 Kingston avenue, Brooklyn; Henry C. Velte, for Fifth Avenue Trust Company, Fifth avenue and Forty-fourth street, Manhattan; Thomas J. Sullivan, for Richard Weber, Jr., One Hundred and Twentieth street and Third avenue, Manhattan.

The resignation of the following Special Patrolman is hereby accepted:

George Burchell, employed by Jackson Casino Company, Jackson and Westchester avenues, The Bronx.

THEO. A. BINGHAM, Police Commissioner.

POLICE DEPARTMENT.

Sanitary Company (Boiler Squad),
November 14, 1908.

To the Police Commissioner:

Sir—In compliance with orders relative to engineers' certificates issued by me under section 312 of chapter 410 of the Laws of 1882, as amended, the following report will show the names of the persons to whom licenses were issued, class of license and location for the same, during the twenty-four hours ending 12 midnight, November 9, 1908:

First Class.

Charles Beck, No. 52 Varick street.
James W. Hand, No. 403 East Sixty-second street.
August Meyer, No. 6 Bond street.
Carl Meulenbergh, No. 103 Park avenue.
Otto C. Schilling, No. 346 East Twenty-third street.
Clarence H. Ten Eyck, No. 2681 Seventh avenue.
John J. Ryan, foot of Gold street, Brooklyn.
William Downey, foot of Pearl street, Brooklyn.
John Laree, Neck road, Brooklyn.
Isaac Braun, foot of Forty-third street, Brooklyn.

Second Class.

Elwyn L. Arnold, No. 11 Waverly place.
James F. Barther, foot of West Fifty-seventh street.
Joseph Cassidy, No. 329 East Sixty-third street.
John Fullam, Pier 19, North River.
Victor A. Ljungquist, No. 273 Broadway.
John McDonald, No. 1730 Broadway.
Irving F. Olliver, No. 480 First avenue.
Frederick E. Skelton, No. 636 Broadway.
Albert E. Wilkinson, Christopher Street Ferry.
Patrick McGuire, No. 281 North Sixth street, Brooklyn.
John Daran, No. 982 St. Marks avenue, Brooklyn.
Edward J. Thomas, No. 145 Raymond street, Brooklyn.

Third Class.

Edward Lyons, Nos. 17 to 27 Little West Twelfth street.
Edward S. Cuppernull, No. 902 Broadway.
James Dwyer, No. 316 West Sixty-fifth street.
William S. Dempsey, No. 603 West Fortieth street.
George Decker, No. 25 Madison avenue.
Richard Evers, No. 397 Fifth avenue.
George B. Emmons, No. 35 Bridge street.
George F. Ehnert, No. 4 Tompkins street.
John O. Gillet, No. 143 Liberty street.
Lewis S. Gordon, Brook avenue and One Hundred and Thirty-second street.
James Gilligan, foot of West Fifty-first street.
Peter Hansen, No. 461 Broadway.
Charles H. Jaycox, Fifth avenue and Eighty-second street.
Otto Koester, foot of Delancy street.
Patrick Kilkenny, No. 53 Washington Square South.
John P. Link, No. 310 West Forty-third street.
James C. Lighbody, No. 15 Dey street.
Matthew Mees, No. 874 Broadway.
John Malkin, No. 110 Manhattan avenue.
Philip Masterson, No. 84 William street.
Bernard McGough, East One Hundred and Forty-first street and Locust avenue.
Thomas J. Quinn, No. 37 West Forty-fourth street.
Daniel C. Springsteel, No. 1204 Broadway.
Peter F. Sanders, No. 34 Gramercy Park.
William J. Steinberg, No. 430 Lexington avenue.
George White, No. 10 East Fourth street.
Max H. Weiss, Two Hundred and Eighteenth street and Ninth avenue.
Gordon T. Walker, No. 44 Pine street.
John S. Wood, No. 4 Front street.
Patrick Ryan, No. 261 Greene street, Brooklyn.
H. Lackman, No. 230 Kingston avenue, Brooklyn.
H. Wagner, No. 229 Marcy avenue, Brooklyn.
Charles Boyle, Graham avenue, Brooklyn.
John Englehardt, Public School 72, Brooklyn.
Thomas Daly, Ninth avenue and Sixty-fifth street, Brooklyn.

Special.

Henry Keller, Van Alst avenue, Brooklyn.
Louis Jordan, Grove avenue, Brooklyn.
W. H. Lynch, foot of North Sixth street, Brooklyn.

Respectfully

HENRY BREEN, Lieutenant in Command.

DEPARTMENT OF HEALTH.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1907.

New York, August 3, 1908.

To the Hon. GEORGE B. McCLELLAN, Mayor of The City of New York:

Sir—Pursuant to section 1168 of the Charter of The City of New York, we have the honor to submit herewith report of the work performed by the Department of Health for the year ending December 31, 1907.

Respectfully,
THE BOARD OF HEALTH.

Thomas Darlington, M. D., President, Commissioner of Health.
Theodore A. Bingham, Police Commissioner.
Alvah H. Doty, M. D., Health Officer of the Port of New York.

I.—SANITARY BUREAU.

A.—Division of Contagious Diseases.

During the year a marked improvement was effected in the organization of the working staff of this division. Experimental work, with a view towards showing the practicability of the proposed change, was begun in February and the reorganization was completed on September 7, 1907. The new arrangement involved a complete consolidation of the work of the Inspectors assigned to this division.

Under the old plan some of the Inspectors performed the duties of "District Inspectors," and had supervision over the contagious diseases in certain districts, while others were detailed as "School Inspectors," and had charge of the school work of the division and of vaccination. This arrangement entailed a considerable amount of duplication, both in work and in reports. For example, when a "School Inspector" found a case of contagious disease during a visit to an absent pupil, it was his duty to report the case by telephone to the Central Office, where the case was turned over to a diagnostician for confirmation. If a "true case" was found by the diagnostician a "District Inspector" was notified the next morning by telephone and visited the premises, placarded the apartment, etc. Thus, within twenty-four hours three different representatives of the Department would call on the same case.

The School Inspector had nothing to do with the contagious cases in his district save that he excluded children affected with contagion from school and visited absentees suspected of contagion. At the termination of a case he again saw the children who had been excluded and readmitted them to school if they presented the certificate of the "District Inspector" showing that the premises occupied by the family had been disinfected. The School Inspector had no means of following up and of keeping track of the cases in the interval between exclusion and readmission.

Under the new arrangement all classes of work are now performed by one Inspector in each district. For this purpose the City was divided into smaller districts, according to the school attendance, the population and the average number of cases of contagious diseases occurring within each area under normal conditions. Each district was put in full charge of a Medical Inspector, whose duties were: (1) To exercise close supervision over each case of contagious disease within his area; (2) To visit each school in his district daily and to do the regular work of a School Inspector in said schools; (3) To perform routine vaccinations in the tenements and apartments, stores, factories, etc., of his district.

The beneficial results of the new plan became apparent in a very short time. There was no longer any unnecessary duplication of visits to cases. The Inspector was able to visit his cases more frequently because they were fewer in number and were located within a smaller area. This insured closer supervision, better isolation, more prompt discovery of secondary cases, an earlier termination of recovered cases, a prompt re-inspection after fumigation and a prompt delivery of school certificates, thus enabling children to return to school from one to four or five days earlier than was possible under the old plan.

A further advantage of the new system was that the Central Office was promptly notified of absconded cases, while formerly several days elapsed before an Inspector discovered that a patient and his family had absconded.

In general, under the new plan, through their acquaintance with the children in their schools and their intimate knowledge of the infected houses, the Inspectors were much better able to keep children from infected apartments out of school until the cases were terminated; the Inspectors could also at all times keep the Principals and Teachers of their schools fully informed as to the presence or absence of contagion in a given family and were better able to give any information called for by the Department regarding a particular case without wasting time in looking up history cards. Under the new plan all cases are visited not later than twenty-four hours after fumigation and disinfection has been performed. On terminating a case after this final inspection a history card is mailed to the office and is filed in the record envelope of the case. In this way all cases are now promptly disposed of and the files are kept clear.

The new plan has also had a favorable effect on the work of the division in the schools. Inspectors no longer had to walk long distances between schools and were able to spend more time in school work proper. A marked improvement has also resulted in the facility with which vaccination is performed in the district by the Inspector. The children become familiar with the Inspector of the Department at school and in his visits to contagious cases and consequently show a greater willingness to submit to vaccination than they ordinarily exhibit when a stranger enters their homes for this purpose, as was the case when a separate vaccinating corps was maintained.

During the year an improvement was also effected in the handling of reports of new cases of contagious diseases. Formerly the Inspectors were notified by telephone at 9 o'clock each morning as to the new cases reported in their respective districts. Under the new arrangement, the cases are telephoned about an hour earlier, at the latest by 8.30 in the morning. This enables the Inspectors to be in their districts at about 9 o'clock ready for the day's work.

For this purpose a Patrolman of the Health Squad brings the mail from the Post Office at 7 o'clock each morning to the office of the Division. Two Clerks, who report at 7 a. m., sort the reports received in this mail and arrange them by districts, each report being marked with the number of the proper district. To these are added the reports received during the preceding twenty-four hours. The Clerks then immediately begin telephoning the cases to the Inspectors, giving name, age, address, floor, disease and all other necessary information for each case.

Every report of a case of contagious disease, immediately on receipt, is now stamped with a time stamp (figure 1) which shows the exact time when the report has been received at Central Office. In order to make these stamped impressions more legible the official postal cards distributed by the Department to all physicians for the purpose of reporting contagious diseases have been so changed in the printing of the address side as to allow plenty of room for stamping (figure 2).

Every report of a case of contagious disease and every other communication to the Division from a physician is immediately acknowledged by letter or by a properly filled out answer blank. The acknowledgments of reports of contagious cases contain also printed instructions to the physician as to his duties in the isolation and quarantine of cases, and as to the proper disinfection of the rooms; and all other regulations of the Department pertaining to the particular disease reported. In this way physicians are becoming more and more familiar with the methods of the Department and with the best means of preventing the spread of contagious diseases.

In order to prevent waste in the stationery, blanks, cards, etc., used for the official business of the Division, for Inspectors' reports, for case histories, etc., a new system of handling these supplies was inaugurated during the year. It had occurred at times that one Inspector, or a small number of Inspectors, had at their residences a large supply of the official cards and other stationery, while other Inspectors were not so well supplied and ran short of some particular blank. It was not always possible to keep a sufficient supply of each blank and each card on hand in sufficient quantities because the office had no means of ascertaining exactly how many of each variety of official stationery were in the hands of Inspectors at any given time. Under the present arrangement all the stationery of the Division is in charge of a responsible Clerk, who is familiar with all the forms and keeps all supplies properly classified and arranged in a railed-off part of the office. Inspectors are required to fill out a requisition for each kind of blank, card, etc., they require for the ensuing week,

and to hand in this requisition not later than on Thursday of the preceding week. The supplies are then arranged in parcels and marked with the names of the Inspectors, who call for them on Saturdays only. In this way the continuous and wasteful distribution of supplies is avoided and the office is able to keep track of the quantity distributed to different Inspectors, who ask only the amount they are likely to need during the next week. A considerable saving of supplies and stationery has been thus effected and the office has been able to keep supplied with each of the needed forms, so that serious shortage at no time occurs in any particular form or blank.

During the year a complete revision of the system of keeping records of cases was made. All reports from Inspectors are now kept filed on a uniform size of cards. A system of special history cards has been inaugurated in cases of scarlet fever, recording the number of rooms occupied by the family, the fact whether or not the patient has been isolated, the number of children and adults in the family, etc. This special history card is sent in by the Inspector within twenty-four hours after his first visit to a case of scarlet fever, and serves to answer all inquiries and complaints regarding the isolation of the case, and any other information that may be wanted about a case, without calling the Inspector to headquarters or telephoning to him. This system of special reports will be extended to the other contagious diseases as soon as possible.

During 1907 the system of weekly meetings for orders and instruction which had been in vogue, especially in the corps of School Inspectors, was done away with. This saved the Department the expense of hiring a hall for this purpose on Saturday mornings, the office building not containing any room large enough for such meetings. The Inspectors were also saved the time and trouble entailed in attending these meetings which were deemed unnecessary, inasmuch as the corps had been thoroughly instructed in their duties and had been provided with typewritten rules and instructions. All additional or new orders were issued in the form of circulars or circular letters sent by mail to each Inspector.

Supervision of Cases of Contagious Diseases.

The extent of the work of this division in the supervision of cases of contagious diseases is shown in the following tables, which summarize the prevalence of the different diseases and the number of visits made by Diagnosticians, Inspectors and Nurses. It should be noted here that on July 1, 1907, i. e., in the middle of the year under review, a number of changes were made in the system of recording the statistics of the division, as the result of suggestions made by the Bureau of Municipal Research. Consequently the statistics for each half of the year have been compiled in separate tables in a number of instances. While this has entailed much additional work and was somewhat inconvenient for the purposes of an annual report, the changes have been definitely adopted, and in next year's report the new system will be followed throughout.

Table 1 shows the prevalence of contagious diseases in the City and in the various Boroughs during the years 1903-1907, inclusive. The number of cases of diphtheria and croup reported during the current year was slightly larger than that noted during 1906. Undoubtedly, however, this increase was in part due to the greater accuracy of diagnosis which now prevails in this disease, thanks to more frequent cultures and greater vigilance in the supervision and isolation of cases and in the discovery of secondary cases by Inspectors of this division.

The year 1907 showed a marked increase in the number of reported cases of scarlet fever, especially during the last half year, which marked the beginning of the noteworthy rise in the number of cases of this disease which was expected to occur during the winter of 1907-1908. A periodical increase in the number of scarlet fever cases seems to occur every fourth year, and was last noted in 1904, while a larger wave of increase occurs every eleventh year, and is expected in 1908.

TABLE I.
Prevalence of Contagious Diseases, Years 1903, 1904, 1905, 1906 and 1907.

	Number of Cases Reported.					
	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Diphtheria and Croup—						
Year 1903.....	18,317	10,569	5,798	1,047	669	327
Year 1904.....	18,158	11,016	5,026	1,165	577	422
Year 1905.....	12,686	7,553	4,197	992	877	457
Year 1906.....	14,757	7,444	5,211	1,451	627	344
Year 1907.....	15,476	7,685	5,198	1,478	821	294
Scarlet Fever—						
Year 1903.....	10,887	6,795	4,921	752	398	195
Year 1904.....	13,495	7,747	4,937	974	323	474
Year 1905.....	8,051	4,433	4,884	495	283	176
Year 1906.....	7,881	4,068	4,700	566	342	145
Year 1907.....	15,288	8,184	5,436	1,203	653	308
Measles—						
Year 1903.....	12,689	7,282	4,861	551	667	341
Year 1904.....	12,861	17,838	16,347	9,651	848	1,203
Year 1905.....	19,006	9,695	7,054	1,200	924	388
Year 1906.....	38,653	18,205	13,827	3,093	1,766	1,799
Year 1907.....	16,622	10,039	4,199	1,401	424	249
Small-pox—						
Year 1903.....	47	24	15	3	1	1
Year 1904.....	74	41	29	2	1	1
Year 1905.....	46	12	24	.....	.....	.....
Year 1906.....	100	48	52	.....	.....	.....
Year 1907.....	58	10	26	1	1	.....
Chicken-pox—						
Year 1903.....	4,131	2,548	1,721	228	120	134
Year 1904.....	4,262	2,174	1,323	373	147	284
Year 1905.....	5,473	2,699	1,943	371	162	248
Year 1906.....	4,667	2,198	1,483	396	171	219
Year 1907.....	4,308	2,050	1,457	326	197	172
Whooping Cough—						
Year 1903.....	1,066	538	321	41	63	105
Year 1904.....	1,016	585	327	44	31	49
Year 1905.....	2,637	1,213	903	165	88	266
Year 1906.....	2,177	894	747	128	63	345
Year 1907.....	1,908	755	854	28	60	163
Parotiditis—						
Year 1903.....	891	751	.....	90	.....	47
Year 1904.....	720	622	.....	8	1	89

Number of Cases Reported.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Parotiditis—						
Year 1905.....	8,319	852	373	172	5	26
Year 1906.....	1,945	1,181	649	90	11	11
Year 1907.....	984	719	177	39	5	42
German Measles—						
Year 1903.....	.....	.....	.....	.....	.....	.....
Year 1904.....	.....	.....	.....	.....	.....	.....
Year 1905.....	.....	.....	.....	.....	.....	.....
Year 1906.....	421	360	18	26	3	74
Year 1907.....	7,477	785	435	194	26	127
Totals year 1903.....	49,074	28,421	14,976	4,201	1,918	1,258
Totals year 1904.....	70,387	39,073	21,075	5,199	1,868	2,472
Totals year 1905.....	59,258	26,059	17,437	3,452	2,039	1,871
Totals year 1906.....	79,598	34,658	24,747	5,462	2,683	2,748
Totals year 1907.....	56,431	29,827	18,307	4,842	2,099	1,356

The year 1906 was, furthermore, a "measles year," with 38,653 cases of measles reported in the City, while 1907 was an "off year" for this disease, with but 16,602 reported cases. The rise in the number of measles cases occurs, as the table shows, quite regularly every other year.

There were 58 cases of smallpox during the year 1907, a reduction of 42 per cent as compared to the previous year, when the total number of smallpox cases was 100. In the Borough of Manhattan, with its crowded population, there were only 10 cases of small pox reported during the year. As in previous years, every case of smallpox was promptly removed to the Department Hospital, the inmates of the house vaccinated on the same day and kept under observation for three weeks. All persons suspected of having been exposed were vaccinated within forty-eight hours, and every building located within two blocks surrounding the infected house was visited and vaccination offered to all inmates. During the month of December all the lodging houses of the Bowery district were visited in the early hours of the morning and all inmates vaccinated before they left the house.

No marked change has been noted during the year in the number of cases of chickenpox and whooping cough, but the cases of mumps diminished markedly as against the previous year.

German measles seems to have run inversely to the number of true measles cases recorded in the two years 1906-1907; for while 1906 was a measles year, with 38,653 cases, only 421 cases of German measles were recorded in that year in the City; the year 1907, with only 16,622 cases of true measles, showed 1,471 cases of German measles, or a much greater number as compared to the previous year. This, however, may be due to the fact that physicians are apt to make a diagnosis of measles in doubtful cases during an epidemic of this disease.

The supervision of these contagious diseases during the year required a total of 486,038 separate visits by the Diagnosticians, Inspectors and Nurses of this division. Table 2 shows the distribution of these visits among various classes of premises for each half year of 1907, and for each Borough, as well as for the entire City. Tables 3 and 4 give further details as to the number of visits required for each disease and for general and special purposes (diagnosis) during the last six months of the year, when statistical records were inaugurated in order to demonstrate the purpose of the visits made by Diagnosticians and Inspectors. Two District Nurses visited a certain number of cases of diphtheria, scarlet fever and measles in the Borough of Manhattan during the last six months of the year, and the record of their visits is exhibited in Table 5. These visits were made at the request of Attending Physicians in

cases in which the attention of a Nurse was needed and where the parents were too poor to pay for such services.

TABLE 2.

Character of Premises Visited by Diagnosticians, Medical Inspectors and Nurses, Six Months Ending June 30, 1907.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Tenement houses.....	135,912	72,941	54,658	6,574	1,317	243
Hotels.....	366	304	48	5	.....	5
Schools.....	72,716	38,824	24,326	4,020	2,084	2,742
Private houses.....	21,087	2,258	12,828	2,572	1,930	1,490
Miscellaneous.....	11,654	5,574	4,748	611	112	609
Total.....	241,336	119,701	96,618	14,186	5,403	4,498

TABLE 2—(Continued).

Character of Premises Visited by Diagnosticians, Medical Inspectors and Nurses, Six Months Ending December 31, 1907.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Tenement houses.....	156,059	81,095	59,637	9,673	2,061	693
Hotels.....	279	168	75	9	10	2
Schools.....	52,283	29,915	17,381	3,562	1,732	1,714
Private houses.....	17,507	1,952	8,513	1,013	2,838	1,281
Institutions.....	1,019	442	410	182	28	32
Not found.....	760	452	183	95	23	7
Miscellaneous.....	17,461	3,774	6,587	1,147	1,509	4,452
Total.....	245,400	118,008	92,716	17,596	8,201	8,191

TABLE 3.

Visits to Cases Contagious Diseases and Cases Visited for Special Diagnosis by Diagnosticians and Medical Inspectors, Six Months Ending June 30, 1907.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Visits to cases contagious diseases.....	117,017	57,865	44,639	6,491	2,995	2,037
Cases visited for special diagnosis.....	5,895	3,529	1,474	549	86	155

TABLE 4.

Visits to Cases of Contagious Diseases by Diagnosticians and Medical Inspectors, Six Months Ending December 31, 1907.

	Diphtheria	Scarlet Fever	Measles	Small-pox	Chicken-Pox	German Measles	Whooping Cough	Non-contagious	Miscellaneous	Total
Diagnosticians—										
New York.....	100	1,081	811	21	262	28	.....	994	316	5,165
Manhattan.....	113	1,079	804	7	268	20	.....	458	155	6,531
Brooklyn.....	295	442	260	19	67	7	.....	751	389	1,608
The Bronx.....	61	113	68	2	81	.....	.....	324	41	681
Queens.....	23	65	9	.....	26	.....	.....	33	12	158
Richmond.....	37	41	18	.....	.....	1	.....	18	9	125
Medical Inspectors—										
New York.....	19,174	39,590	27,737	264	3,850	304	18	11	1,969	196,524
Manhattan.....	15,625	21,150	15,094	11	1,590	121	.....	.....	1,697	55,394
Brooklyn.....	9,178	12,050	8,165	262	1,662	162	.....	.....	2,258	35,278
The Bronx.....	3,481	3,297	1,810	.....	436	1	.....	.....	79	8,756
Queens.....	2,212	1,835	782	.....	28	2	.....	.....	12	5,009
Richmond.....	574	439	173	.....	25	11	18	11	273	2,489

TABLE 5.

Contagious Diseases—District Nurses' Visits, Six Months Ending December 31, 1907.

	Manhattan.		
	Cases Visited.	Visits.	Average Visits per Case.
Diphtheria.....	266	261	1.21
Scarlet fever.....	207	642	2.40
Measles.....	373	987	2.64

Medical Inspection of School Children.

The work of this Division in the schools of the City now comprises: (1) The supervision of contagious diseases and of minor communicable diseases, including trachoma. (2) The examination of school children for non-contagious physical defects. Tables 6, 7 and 8 give summaries of the Medical Inspection for Contagious Diseases in the Schools for 1907. During the year some changes were effected in regard to the division of labor between Medical Inspectors and Nurses in the schools, principally with a view of lessening the time spent by Medical Inspectors in work which can be adequately performed by Nurses. Whereas formerly the "routine examination" of all school children was performed by the Inspectors in charge of their respective schools, the present system, inaugurated at the beginning of the year, places this routine inspection in charge of School Nurses in those schools to which such Nurses are detailed. The Nurses for this purpose inspect the classes in regular order at the beginning of each term, noting on special index cards all cases of contagious diseases of the skin and the eyes, except trachoma cases. The inspectors then go through the same classes at the beginning of the school term, and diagnose the cases of trachoma, noting them on special index cards. These cards serve as a guide for the Nurses in revisiting the classes during the term.

TABLE 6.

Medical Inspection of School Children for Contagious Diseases, by Medical School Inspectors, Six Months Ending December 31, 1907.

Field of Inspection—	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Total number of public schools.	467	147	116	44	80	34
Registration	608,204	270,104	216,442	62,381	10,312	12,025
Public schools under inspection.	461	142	110	41	80	34
Registration	538,722	270,104	187,000	52,381	10,312	12,025
Other schools under inspection.	196	135	44	3	15	—
Registration	100,607	55,738	28,850	2,760	1,340	—
Total schools under inspection.	657	282	154	44	95	34
Total registration of schools under inspection	639,329	325,842	215,850	55,141	11,652	12,025

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Visits to Schools—						
Public schools.....	28,681	12,308	10,084	2,902	1,124	1,203
Other schools	17,526	10,218	1,914	192	102	—
Examinations—						
"Morning" examinations of children	112,069	79,162	19,779	9,026	—	4,371
General communicable diseases found	624	427	150	39	—	8
Cases found eye and skin diseases	41,719	24,509	12,650	3,879	—	91
"Routine" examinations by Inspectors	1,057,471	312,186	110,664	207,068	293,275	123,228
General communicable diseases found	26	4	4	—	4	10
Cases found, eye and skin diseases	16,776	18,550	8,686	2,950	347	243

* In "morning" examinations, the Inspectors examine the children referred to them by Teachers or Nurses as suspected cases, or children returning to school after absence on account of sickness.
 † "Routine" examinations are made by Nurses in schools where there are Nurses; otherwise by Inspectors. The entire class is examined to discover any cases of eye and skin diseases except trachoma, for which a special "routine" examination is made by Inspectors only.

TABLE 7.

Visits and Examinations of Children by Inspectors, and Diseases for Which Children Were Excluded, Six Months Ending June 30, 1907.

Schools.	Visits.	Examinations.	Diseases for Which Children Were Excluded.										Totals.		
			Measles.	Diphtheria.	Scarlet Fever.	Whooping Cough.	Mumps.	Contagious Eye Diseases.	Pedunculosis.	Chicken Pox.	Skin Diseases.	Miscellaneous.			
New York—															
Public schools.....	42,059	2,059,836	407	39	31	228	433	1,358	1,914	466	852	807	5,657		
Parochial schools.....	6,958	107,000	6	4	—	1	6	64	47	9	37	33	217		
American Female Guardian Society.....	830	15,104	3	—	—	1	6	—	3	9	—	1	23		
Children's Aid Society.....	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84		
Private schools.....	159	2,886	1	—	—	—	—	3	—	—	3	—	6		
Kindergarten schools.....	3,499	14,600	6	—	—	—	1	6	6	6	8	—	33		
Total.....	55,185	2,305,288	422	44	36	338	463	1,465	1,672	500	912	852	6,010		
Manhattan—															
Public schools.....	21,924	545,111	296	17	23	111	281	838	88	257	209	165	2,285		
Parochial schools.....	4,398	45,441	5	4	—	3	6	60	—	1	3	—	84		
American Female Guardian Society.....	754	6,259	3	—	—	1	6	—	3	9	—	1	23		
Children's Aid Society.....	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84		
Private schools.....	159	2,886	1	—	—	—	—	3	—	—	3	—	6		
Kindergarten schools.....	3,367	14,421	6	—	—	—	1	6	6	5	7	—	33		
Total.....	32,282	627,920	315	22	25	118	307	941	106	282	230	167	2,514		
Brooklyn—															
Public schools.....	12,528	426,721	99	8	23	28	116	363	397	192	424	342	2,028		
Parochial schools.....	2,131	34,259	1	—	—	3	4	3	40	8	24	33	121		
Kindergarten schools.....	127	4,179	—	—	—	—	—	—	—	1	1	1	3		
Total.....	14,811	521,160	100	8	23	31	120	366	437	201	449	376	2,152		
The Bronx—															
Public schools.....	4,099	244,918	12	14	7	19	28	179	357	94	201	73	984		
Parochial schools.....	797	10,794	—	—	—	—	—	1	1	—	8	—	9		
American Female Guardian Society.....	76	8,905	—	—	—	—	—	—	—	—	—	—	—		
Total.....	4,972	264,617	12	14	7	19	28	180	358	94	209	73	993		
Queens—															
Public schools.....	1,795	662,189	4	—	—	4	6	135	51	2	25	4	231		
Parochial schools.....	222	48,508	—	—	—	—	—	—	—	—	—	—	—		
Total.....	2,017	710,697	4	—	—	4	6	135	51	2	25	4	231		
Richmond—															
Public schools.....	1,794	180,987	—	—	—	22	4	41	21	11	6	16	123		
Parochial schools.....	—	—	—	—	—	—	—	—	—	—	—	—	—		
Total.....	1,794	180,987	—	—	—	22	4	41	21	11	6	16	123		

TABLE 8.

Examinations of School Children by Inspectors and Diseases Found, Six Months Ending December 31, 1907.

Examinations.	Diseases for Which Children Were Excluded.														Total.			
	Diphtheria.	Scarlet Fever.	Measles.	Small pox.	Chicken Pox.	Whooping Cough.	Mumps.	Total.	Trachoma.	Eye.	Ring-worm.	Impetigo.	Scabies.	Favus.		Pedunculosis.	Miscellaneous.	
New York—																		
Morning.....	112,069	73	88	36	—	249	47	166	624	5,592	8,374	706	1,001	527	80	3,716	21,311	41,479
Routine.....	1,057,471	1	2	1	—	16	1	8	26	12,569	6,890	220	355	95	13	15,252	3,382	16,776
Total.....	1,169,540	74	90	37	—	265	48	174	650	18,071	15,264	926	1,356	422	93	16,968	24,693	77,095
Excluded.....	—	74	90	37	—	265	48	174	647	1,194	404	117	353	248	13	693	465	3,480

Diseases for Which Children Were Excluded

	Examina- tions	Diseases for Which Children Were Excluded															Total	
		Diph- theria	Scarlet Fever	Measles	Small- pox	Chicken Pox	Whooping Cough	Mumps	Total	Trachoma	Eye	Ring- worm	Im- petigo	Scabies	Favus	Pedicu- losis		Miscel- lanous
Manhattan—																		
Morning.....	29,104	59	24	50	..	131	26	131	271	3,179	4,667	381	470	254	53	692	14,003	44,599
Routine.....	312,186	..	2	..	..	1	1	..	4	9,276	3,181	74	165	25	8	3,894	1,889	18,550
Total.....	341,288	59	26	50	..	132	27	131	275	12,555	7,848	455	635	279	61	4,586	15,792	43,149
Excluded.....	.....	59	26	50	..	132	27	131	275	12,555	7,848	455	635	279	61	4,586	15,792	43,149
Brooklyn—																		
Morning.....	16,770	12	13	5	..	91	12	23	156	1,792	3,108	226	378	107	22	2,552	4,374	32,650
Routine.....	119,664	..	..	1	..	2	..	1	4	1,713	1,931	35	66	21	3	2,514	408	8,686
Total.....	136,434	12	13	6	..	93	12	24	160	3,505	5,039	261	444	128	25	7,066	4,782	41,336
Excluded.....	.....	12	13	6	..	93	12	24	160	3,505	5,039	261	444	128	25	7,066	4,782	41,336
The Bronx—																		
Morning.....	9,026	2	2	..	..	26	3	5	30	492	595	98	152	67	5	442	2,028	3,320
Routine.....	207,068	..	1	..	..	3	..	..	4	1,288	1,672	103	150	14	1	2,076	1,046	8,950
Total.....	216,094	2	3	..	..	29	3	5	34	1,780	2,267	201	302	81	6	2,118	3,074	12,270
Excluded.....	.....	2	3	..	..	29	3	5	34	1,780	2,267	201	302	81	6	2,118	3,074	12,270
Queens—																		
Morning.....	.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Routine.....	293,275	..	..	..	..	2	..	2	4	101	94	5	27	24	2	62	32	347
Total.....	293,275	..	..	..	..	2	..	2	4	101	94	5	27	24	2	62	32	347
Excluded.....	.....	..	..	..	..	2	..	2	4	101	94	5	27	24	2	62	32	347
Richmond—																		
Morning.....	4,171	..	..	1	..	1	..	6	8	39	4	1	3	9	..	49	6	91
Routine.....	125,278	1	2	..	..	2	..	3	10	91	12	3	7	11	1	109	5	243
Total.....	129,449	1	2	1	..	3	..	9	18	130	16	4	10	20	1	158	11	334
Excluded.....	.....	1	2	1	..	3	..	9	18	130	16	4	10	20	1	158	11	334

TABLE 9.

Medical Inspection of School Children for Contagious Diseases, by School Nurses, Six Months Ending December 31, 1907.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Total number of public schools.....	467	147	156	41	89	34
Registration.....	648,204	270,104	226,482	24,381	26,312	12,925
Public schools under inspection.....	352	109	111	10	89	14
Registration.....	481,075	228,602	160,892	26,608	16,312	9,560
Other schools under inspection.....	67	17	36	2	13	..
Registration.....	29,842	10,441	11,688	367	3,349	..
Total schools under inspection.....	429	126	147	12	102	14
Registration.....	510,917	239,043	172,580	26,975	19,661	9,560
Number Nurses assigned to school duty.....	67	35	20	2	4	3
Number visits to public schools.....	10,673	4,043	5,174	453	494	509
Number visits to other schools.....	7,762	261	880	15	5	..
Total visits to schools.....	18,435	4,304	6,054	468	500	509
Visits to tenements.....	20,867	12,029	7,893	822	425	180
Visits, miscellaneous.....	743	73	261	10	20	371

TABLE 10.

Visits and Diseases Cared for by Nurses, Six Months Ending June 30, 1907.

	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Number of visits to tenement houses.....	29,726	18,643	9,760	624	563	126
Number of visits to schools.....	17,404	5,215	9,325	597	719	348
Number of miscellaneous visits.....	804	577	30	36	52	109
Total number of visits.....	47,934	24,435	19,315	1,257	1,334	583
Number of Cases of Diseases Cared For.....						
Pediculosis.....	450,482	197,524	204,578	21,203	21,401	5,677
Trachoma.....	117,671	88,701	26,174	2,541	691	72
Contagious eye diseases.....	112,331	18,422	77,687	1,855	14,507	440
Scabies.....	5,577	4,666	1,758	124	115	14
Ringworm.....	16,610	10,816	3,614	1,993	133	43
Impetigo.....	22,810	11,042	9,885	810	784	268
Favus.....	1,981	1,997	16	38	..	..
Measles.....	1,441	1,441	..	..	..	..
Diphtheria.....	88	88	..	..	..	..
Scarlet fever.....	1,138	1,138	..	..	..	..
Miscellaneous.....	41,052	22,217	13,899	1,569	1,922	1,435
Total number of cases treated.....	772,101	357,373	337,031	30,275	39,563	7,949
Number of new children treated.....	39,561	7,753	26,204	3,185	1,869	550
Number of examinations.....	1,248,577	1,646,486	70,005	80,725	32,317	12,194

TABLE 11.

Communicable Diseases of Eye and Skin Found in School Children and Treated by School Nurses, Six Months Ending December 31, 1907.

	Communicable Diseases of Eye and Skin									
	Trachoma	*Eye	Ringworm	Impetigo	Scabies	Favus	Pediculosis	Molluscum Contagiosum	Miscellaneous	Total
New York—										
New cases found.....	1,023	7,154	1,456	3,457	227	262	25,070	60	6,056	25,013
Number of treatments.....	31,131	24,444	5,730	11,438	10,292	1,593	114	261	19,168	104,161
Number of instructions.....	26,051	3,129	83	82	178	5	283,371	21	5,617	378,137
Cases reported cured.....	1,202	4,408	861	2,564	402	160	18,137	17	2,647	31,301
Manhattan—										
New cases found.....	.....	3,510	933	2,136	562	210	32,801	49	3,503	41,803
Number of treatments.....	.....	12,063	4,279	6,587	4,074	1,548	3	151	9,798	40,434
Number of instructions.....	50,160	.....	.....	.....	.....	.....	145,498	.....	.....	205,658
Cases reported cured.....	987	2,234	464	1,894	299	155	12,100	17	2,310	21,618

Communicable Diseases of Eye and Skin.

	Trachoma.	*Eye.	Ringworm.	Impetigo.	Scabies.	Favus.	Pediculosis.	Molluscum Contagiosum.	Miscellaneous.	Total.
Brooklyn—										
New cases found.....	1,342	3,160	245	1,064	172	31	16,831	8	1,854	18,712
Number of treatments.....	31,107	6,955	1,072	62	7,213	...	26	12	7,503	48,090
Number of instructions.....	19,410	1,546	59	47	90	3	101,135	...	1,604	123,084
Cases reported cured.....	110	1,378	133	720	72	7	2,977	...	346	6,737
The Bronx—										
New cases found.....	466	450	57	165	24	2	1,750	3	185	2,843
Number of treatments.....	...	667	276	585	63	5	...	...	427	1,093
Number of instructions.....	5,043	1,340	17	34	38	...	14,803	21	378	21,654
Cases reported cured.....	180	675	40	103	11	7	1,168	...	148	2,182
Queens—										
New cases found.....	19	156	5	30	8	...	291	...	94	609
Number of treatments.....	8	7,014	23	615	16	...	81	...	277	8,020
Number of instructions.....	804	234	...	...	4	...	13,167	...	2,113	16,322
Cases reported cured.....	16	210	4	58	17	...	339	...	87	731
Richmond—										
New cases found.....	96	88	16	115	6	...	307	...	420	948
Number of treatments.....	...	1,847	161	617	6	30	...	...	1,157	3,818
Number of instructions.....	656	9	7	1	48	...	8,768	...	1,432	10,910
Cases reported cured.....	2	41	14	29	4	...	154	...	207	311

* Other than trachoma.

It is the duty of the Nurses to see each indexed case in their schools at least once a week, and to see that proper treatment has been applied, or to apply treatment (in the cases of skin diseases and communicable diseases of the eyes other than trachoma), or to instruct children or their parents as to the proper treatment to be applied at home (as in cases of pediculosis). Tables 9, 10 and 11 show the statistics of the work performed by the Nurses in the schools during the year.

All cases, before they are terminated, are inspected by the Medical Inspectors at their morning visits to the schools, and if found cured are so recorded on the index cards. The Inspectors are responsible for the records of cases and for the general efficiency of the work of the Nurses under their charge, as well as for the condition of the children in their schools, so far as prompt treatment of trachoma and other communicable skin and eye diseases is concerned.

All cases found by the Nurse or by Teachers during the term are referred for diagnosis to the Inspector, and a record is kept in each school of the number of cases of each disease primarily registered at the beginning of each term; of the number of cases of each disease terminated during the term, of the number of new cases ordered under treatment during the term, and of the total number of cases of each disease remaining under treatment at the end of each term.

A change was effected during the year in the method of recording the physical examinations of school children. Instead of having each examination of the same child recorded on a separate card, a larger physical record chart is now used for each pupil, upon which are noted the results of physical examinations made twice during each year (Fig. 4). Thus, the record of the entire school life of each child is kept on one card, which is forwarded from class to class or transferred from one school to

the other as the pupil is promoted or transferred. Tables 12 and 13 show the number of children examined for non-contagious physical defects and the proportion of each class of defects found.

TABLE 12.

Examination of School Children for Non-Contagious Physical Defects, Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Richmond.
Examination—					
Total registration in schools under inspection.....	610,752	325,841	225,859	55,191	12,925
Number of children examined.....	147,286	77,674	58,266	10,943	963
Percentage of total registration.....	24.14	25.03	25.79	19.84	6.08
Number needing treatment.....	106,904	55,094	41,867	9,058	75
Percentage of those examined needing treatment.....	72.53	70.97	71.87	82.77	8.30

Note—No physical examinations performed in Borough of Queens.

TABLE 13.

Medical Examination of School Children—Non-contagious Physical Defects Found, Six Months Ending December 31, 1907.

Defects—	New York.		Manhattan.		Brooklyn.		The Bronx.		Richmond.	
	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*
Defective vision.....	22,000	20.66	17,004	12.44	14,750	35.23	437	2.83	19	23.33
Defective hearing.....	1,866	1.73	559	.99	1,084	2.31	243	2.68	4	5.33
Bad nutrition.....	5,111	4.78	2,379	4.60	2,320	5.34	287	3.16	6	8.00
Enlarged glands.....	41,005	39.25	27,408	40.19	9,798	23.40	4,664	51.49	5	6.66
Anemia.....	4,604	4.30	3,803	5.81	...	...	799	8.82	...	...
Chorea.....	650	.60	410	.73	121	.28	110	1.21	...	...
Pulmonary disease.....	1,291	1.20	774	1.29	222	.52	295	3.25	...	...
Cardiac disease.....	809	.84	518	.93	269	.64	112	1.23	...	...
Skin disease.....	2,172	2.02	909	1.79	748	1.78	421	4.64	4	5.33
Orthopedic deformities.....	982	.97	642	1.16	346	.77	83	.91	14	18.66
Mouth breathing.....	17,323	16.21	16,651	10.05	4,312	10.29	2,363	26.08	7	9.33
Defective teeth.....	76,459	73.51	40,738	72.87	29,415	70.25	6,291	69.45	5	6.66
Defective palate.....	1,819	1.70	751	1.34	466	1.11	597	6.70	5	6.66
Hypertrophied tonsils.....	14,621	11.55	26,226	46.55	18,428	49.66	5,958	65.77	9	13.33
Postnasal growths.....	15,865	24.19	17,226	39.79	4,667	9.74	4,566	50.80	6	8.00
Defective mentality.....	1,240	1.16	567	1.37	366	.87	109	1.20	7	9.33
Total.....	248,761	...	141,020	...	86,495	...	27,153	...	91	...

* Based on the number needing treatment.

† Not tested in lower grades.

Note—No physical examination performed in the Borough of Queens.

Work of the Summer Corps of Inspectors and Nurses.

The work of the Summer Corps during the year 1907 was carried on, in the main, along the same lines as in previous years. The City was divided into districts, and each family where there were children under two years of age was visited by an Inspector or Nurse who gave verbal instructions as to feeding and hygiene, and who distributed circulars of instruction, hangers with formulas and rules for feeding, and tickets for free modified milk, ice, and for excursions on the floating hospital of the St. John's Guild. In all cases in which a child was found ill with any diarrheal or other gastrointestinal affection, and in which no attending physician had charge of the child, proper treatment was advised and prescribed, while in special cases Nurses were detailed to apply such means as irrigations of the bowels, baths, etc., to care for sick infants and to instruct mothers in the proper care of these children.

The number of children under two years of age visited by Inspectors and Nurses during the summer of 1907 was 62,040 (Table 14); the number of tenements visited in

this work was 24,523, covering all the densely populated sections of the City. In order to find the families having children under two years, each family in these houses had to be visited, making a total of 250,365 families visited. Revisits were made wherever sick children were found that had no medical attendance, the total number of such revisits being 1,313.

On visiting each child under two years of age the Inspector or Nurse filled out a history card, giving the name, address, floor or room number, date of birth, manner of feeding and presence or absence of diarrheal or other digestive diseases. The object of ascertaining the date of birth was to determine, if possible, whether the birth had been registered with the Bureau of Records.

The total number of diarrheal cases thus found was 2,274. Of these 1,418 were under the care of private physicians, while the rest were treated by the Inspectors and Nurses of the Department.

TABLE 14.
Summer Corps, 1907. Inspectors and Nurses.

	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	Nurses.*	Inspectors.	Nurses.*
Visits—												
Tenement houses visited.....	23,840	11,683	8,404	5,940	12,630	5,425	1,640	264	749	.....	487	.....
Miscellaneous visits.....	8,677	1,394	742	329	2,842	910	209	36	1,231	.....	5,653	.....
Total visits.....	32,517	13,077	9,146	6,270	15,472	6,335	1,849	300	1,980	.....	4,094	.....
Families visited.....	173,211	75,112	20,574	43,170	59,010	29,441	15,305	2,512	4,504	.....	5,710	.....
Children under two years visited.....	44,153	18,474	24,268	9,186	13,577	6,824	3,510	464	1,085	.....	1,704	.....
Revisits to sick.....	1,080	221	416	179	88	50	42	8	17	.....	407	.....
Total visits to children.....	45,233	18,707	24,704	9,365	13,665	6,874	3,552	609	1,102	.....	2,401	.....
Cases—												
Cases of diarrheal diseases found.....	1,784	490	1,011	205	537	259	105	26	47	.....	84	.....
Cases per 1,000 of children visited.....	40.40	29.74	41.65	22.31	39.51	38.80	29.83	39.15	43.21	.....	40.79	.....
Attended by private physician.....	1,095	323	607	138	310	162	73	23	35	.....	61	.....
Attended by inspector or nurse.....	689	167	404	67	227	97	32	3	12	.....	23	.....
Total.....	1,784	490	1,011	205	537	259	105	26	47	.....	84	.....
Children examined at pier for St. John's Guild..	37,102	.....	37,102	.....	.....	.....	.....	.....	.....	.....	.....	.....
Deaths from diarrheal diseases.....	1,808	652	869	266	607	370	180	16	68	.....	60	.....

* No Nurses in Boroughs of Queens or Richmond.

TABLE 15.
Methods of Feeding of Children Registered by Summer Corps, 1907.

	Under Nine Months.				Over Nine and Under Twenty-four Months.			
	Number.	Per Cent. of Total.	With Diarrheal Diseases.		Number.	Per Cent. of Total.	With Diarrheal Diseases.	
			Number.	Per Cent.			Number.	Per Cent.
Breast fed.....	28,996	81.15	350	42.47	10,526	30.34	231	22.67
Milk, modified.....	858	3.11	109	12.22	1,211	3.49	117	7.73
Milk, boiled at home.....	723	2.80	87	10.51	1,270	3.70	122	8.15
Milk, pasteurized, Straus.....	375	1.05	31	3.76	847	2.51	34	2.32
Milk, pasteurized, commercial.....	150	0.53	12	1.46	343	1.03	20	1.37
Milk, condensed.....	683	2.63	80	9.70	777	2.34	56	3.83
Milk, raw.....	48	0.16	1	0.12	154	0.46	6	0.41
Patent food.....	329	1.19	20	2.47	531	1.58	46	3.15
Table food.....	202	0.78	9	1.09	9463	27.27	308	21.00
Raw fruit.....	17	0.06	2	0.24	100	0.30	7	0.47
Mixed feeding.....	1,663	6.42	111	13.47	9,568	27.27	417	28.50
Total.....	35,865	100.00	824	100.00	34,602	100.00	1,460	100.00

An investigation into the methods of feeding children under two years of age visited by the Inspectors and Nurses of the Summer Corps is summarized in Table 15. The age of nine months being the usual age of weaning, the feeding of children under nine months of age was noted separately from that of older children. As in previous years, the percentage of breast-fed children was large, 81.15 per cent. of infants under nine months being thus nourished (Table 15), while only 18.85 per cent. were artificially fed. These 18.85 per cent., however, supplied 57.53 per cent., or over one-half, of all the cases of diarrhea in children of this age-group noted during the summer of 1907. On the other hand, the 81.15 per cent. of breast-fed children supplied the lesser fraction, namely, 42.47 per cent. of the cases of diarrhea. In other words, it appears that speaking in round figures, a child has six times as much chance to be affected with summer diarrhea, when it is fed on artificial food than if breast-fed.

The percentage of diarrheas among the breast-fed children, however, remains considerable, undoubtedly, owing to (1) the prevalent practice of overfeeding, and of irregular and too frequent nursing; (2) the very common practice of giving breast-fed children other food, without admitting this when questioned by Inspectors or Nurses, and (3) the bad hygiene prevailing in many tenements during the summer months, owing to poverty and ignorance.

All these factors, however, are gradually yielding under the efforts of the Department in its annual crusade against improper feeding and overfeeding, and for the prompt treatment of the slightest digestive or diarrheal symptom in infants during the summer.

Whenever a death was reported from a diarrheal disease during the spring and summer months, an Inspector was sent to investigate the manner of feeding that had been used in each instance. The results of this investigation are set forth in Table 16, which strikingly shows the dangers of artificial feeding as compared to breast-feeding. Of the total number of children under nine months of age who died of diarrheal diseases, 25.04 per cent. had been breast-fed, while 74.96, or three times as many, had been artificially fed. In the older children the character of the feeding before weaning was ascertained, and very similar figures were obtained. Of these older children (over nine months) 21.72 per cent. have had the benefit of breast-feeding in their first year of life, while 78.28 per cent. of these deaths occurred in children who had been artificially fed. Condensed milk furnished a notable death rate in this table—larger than any other single method of artificial feeding.

TABLE 16.

Methods of Feeding of Children Dying from Diarrheal Diseases and Investigated by Summer Corps, 1907.

	Under Nine Months.		Over Nine and Under Twenty-four Months.	
	Number.	Per Cent. of Total.	Number.	Per Cent. of Total.
Breast fed.....	425	25.04	181	21.72
Milk, modified.....	270	15.91	37	4.43

	Under Nine Months.				Over Nine and Under Twenty-four Months.			
	Number.	Per Cent. of Total.	With Diarrheal Diseases.		Number.	Per Cent. of Total.	With Diarrheal Diseases.	
			Number.	Per Cent.			Number.	Per Cent.
Milk, boiled at home.....	207	14.19	84	11.91	.....	.....	.....	.....
Milk, pasteurized, Straus.....	56	3.99	20	2.62	.....	.....	.....	.....
Milk, pasteurized, commercial.....	87	6.47	19	2.49	.....	.....	.....	.....
Milk, condensed.....	319	23.26	96	12.18	.....	.....	.....	.....
Milk, raw.....	18	1.31	18	2.35	.....	.....	.....	.....
Patent food.....	109	8.42	43	5.61	.....	.....	.....	.....
Table food.....	1	0.07	31	4.06	.....	.....	.....	.....
Raw fruit.....	3	0.22	1	0.13	.....	.....	.....	.....
Mixed feeding.....	260	19.32	178	23.32	.....	.....	.....	.....
Total.....	1,497	100.00	763	100.00	.....	.....	.....	.....

TABLE 17.

Vaccinations in Schools, Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Work Performed—						
Children examined.....	55,944	18,703	4,261	1,388	27,613	999
Children vaccinated by Department physicians.....	20,133	5,787	4,201	628	5,120	337
Children vaccinated by other physicians.....	4,610	865	.....	155	3,560	.....
Children not requiring vaccination.....	24,123	7,933	.....	505	14,933	662
Pending.....	6,148	4,148	.....	.....	.....	.....

Vaccination.

The work of vaccination performed by the Department of Health during the year was divided into the following classes:

(1) Office Vaccination—At the offices of the respective Boroughs public vaccination rooms are maintained, which are open from 9 in the morning to 4 in the afternoon, except on Saturdays, when they are open from 9 until 12 o'clock.

(2) School Vaccination—In each Borough Inspectors are assigned as School Vaccinators who perform systematic vaccinations in both public and other schools. Furthermore, the regular Inspectors in charge of schools perform the necessary vaccinations at the beginning of each term in the case of newly admitted scholars whose parents wish them vaccinated at school (Table 17).

(3) Vaccination in Institutions—During the year an Inspector was detailed to vaccinate the inmates of the penal and charitable institutions on Blackwells Island, and the Inspectors in charge of institutions performed vaccinations in the various hospitals, homes, etc.

(4) District vaccinations by the Inspectors in charge of the various districts of the City, who offer vaccinations in the tenements and apartments of their respective areas. This work has been done usually on Saturday mornings, during the school vacations at Christmas and Easter, and at such other times as the work of supervising the contagious diseases was running light in any district.

(5) Vaccinations in Cases of Small-pox—One Medical Inspector is required to hold himself in readiness to visit small-pox houses at any time during the night for each day of the year, the Inspectors taking turn in alphabetical order in this assignment, and telephoning at 6 p. m., on the date of their assignment to Central Office, notifying the operator in charge that they are in readiness and inquiring whether any cases are to be attended to. In this way one Inspector is always available for the purpose of vaccinating the inmates of a house infected with small-pox during any hour of the night, when this may be needed. The method of vaccinating the inmates of infected houses and of offering vaccinations to all inhabitants of the surrounding blocks has already been spoken of above (page 12352).

(6) Vaccinations in Lodging Houses—Whenever desirable, owing to the danger of a spread of small-pox among inmates of lodging houses, the entire corps of Inspectors, or such portion thereof as may be required for this purpose is notified to report at Central Office at 3 o'clock in the morning. Assignments are then made covering every lodging house in the Bowery district, two Inspectors, accompanied by a Policeman, being assigned to each house. The inmates are vaccinated during the early hours of the morning and no one is allowed to leave the house unless either vaccinated or passed by the Inspector, as having received a recent successful vaccination. This method has proved very effective during the last small-pox epidemic in this City, and has been used during the month of December in the current year.

Table 18 shows in detail the number of vaccinations of each class performed during the last six months of the year, and the total number in each Borough during the first six months of the year.

TABLE 18.

Total Vaccinations by Department of Health, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Total vaccinations first six months 1907	58,670	65,032	13,246	5,792	1,382	218
Vaccinations in public schools	19,548	5,787	3,076	628	9,120	337
Vaccinations in other schools	385	—	385	—	—	—
Vaccinations in districts	33,147	21,330	9,945	1,871	—	—
Vaccinations at offices	16,982	9,765	6,387	2,211	344	75
Vaccinations at Blackwells Island	5,598	5,398	—	—	—	—
Vaccinations at hospitals	4,626	5,544	211	367	—	—
Vaccinations by Summer Corps	2,010	4,001	523	295	—	179
Total vaccinations last six months, 1907	82,485	47,023	19,925	5,282	9,664	591

Disinfection and Fumigation of Premises.

During the year an important change in the methods of disinfection and fumigation of infected houses and apartments has been inaugurated with a view of making this work more prompt and efficient. The Disinfecter in Charge reports at Central Office daily at 5 a. m., arranges the orders for disinfection received during the previous twenty-four hours by districts, and notes the necessary details thereon. At 7 a. m., the Disinfectors report at the office, receive their assignments in the form of completely filled out disinfection orders, and supply themselves with the material needed for the number of disinfections each man has to perform during the day. The Disinfectors are thus able to be in their respective districts at the hour of eight or half-past eight in the morning and in this way, not only to complete a greater number of disinfections daily, but also to begin earlier and to allow occupants of infected premises to re-enter their disinfected apartments sooner.

TABLE 19.

Disinfection of Premises, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Houses Visited for—						
Disinfection, first six months ending June 30, 1907	25,798	153,810	8,515	2,102	981	390
Disinfection, last six months ending December 31, 1907	21,733	11,326	6,510	4,053	1,005	337
Rooms disinfected, year 1907	81,940	43,975	20,188	9,317	3,010	1,350
Disinfections Performed, Six Months Ending December 31, 1907—						
Diphtheria	5,864	2,766	2,009	599	340	148
Scarlet fever	4,750	2,580	1,489	295	243	83
Measles	4,583	7,848	1,258	325	113	38
Smallpox	12	—	11	1	—	—
Tuberculosis	5,514	6,810	1,203	309	153	39
Typhoid	447	93	12	128	3	11
Cerebro-spinal meningitis	103	87	31	13	8	4
Glanders (human)	1	1	—	—	—	—
Glanders (horses)	306	350	107	58	8	3
Miscellaneous	273	223	8	32	6	2
Total	19,921	16,740	6,148	1,861	844	228

TABLE 20.
Goods Disinfected or Destroyed, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Pieces of goods disinfected, first six months ending June 30, 1907	74,480	36,514	30,164	3,937	1,853	1,227
Pieces of goods destroyed, first six months ending June 30, 1907	20,824	11,505	4,870	2,068	531	3659
Lots of goods disinfected, last six months ending December 31, 1907	23,546	7,707	14,384	4,102	316	126
Lots of goods destroyed, last six months ending December 31, 1907	1,731	943	517	221	50	4

At the re-inspections made by Inspectors in cases in which disinfection had been performed, a large number of cases were found in which occupants of such premises had reopened the rooms too soon after the Disinfectors had sealed them, in spite of the warning posted on the doors of such rooms, not to reopen them within a specified number of hours. The detection of these cases was only possible under the new system of smaller districts and closer supervision of contagious diseases already referred to above. Under such circumstances the Inspector at once ordered re-disinfection of the apartments opened without permission, before the expiration of the full time prescribed. Table 19 shows in detail the number of disinfections performed in the City and the different Boroughs during the year, as well as the number of disinfections performed for each of the diseases requiring such action. Table 20 summarizes the number of "lots" of goods removed for disinfection or destroyed during the year.

Animal Inspection.

The work of the Veterinarians of this Division for 1907 is shown in Table 21. As in previous years, this work included (1) the examination of horses for glanders, the mallein test being applied wherever necessary; (2) the examination of cows for tuberculosis, the tuberculin test being used where needed; (3) the examination of dogs for hydrophobia, suspected cases being sent to the Research Laboratory for further examination. In addition, the work included the inspection of stables and the examination of all animals in stables in which communicable disease had occurred, the disinfection of such stables being ordered after the removal of the infected animals.

TABLE 21.

Animal Inspection, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of inspections of stables	3,894	1,927	661	231	607	468
Number of animals examined	28,110	14,314	469	620	7,673	5,273
Number of post-mortems on animals	68	32	—	—	—	33
Number of glandered horses condemned and destroyed	645	316	246	45	35	3

Animal Inspection, Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Horses—						
Examination of horses	24,192	9,118	3,281	315	3,673	2,811
Blood specimens taken	480	286	50	—	—	24
Horses tested with mallein	129	50	44	3	31	3
Glandered horses condemned and destroyed	531	125	218	19	—	14
Post-mortem examinations of horses	41	8	—	—	—	21
Inspections of stables	3,259	1,710	515	283	664	504
Disinfection of stables ordered	600	228	162	67	8	13
Dogs—						
Examination of dogs	1,194	311	129	44	4	713
Animals referred to Research Laboratory for diagnosis of rabies	93	18	20	3	4	60
Cases of rabies	37	3	11	4	—	10
Cows—						
Examinations of cows	1,666	31	—	301	0	1,293
Cows tested with tuberculin	317	—	—	236	1	80
Cows condemned	1	—	—	1	—	—
Miscellaneous—						
Examinations of other animals	139	14	—	—	—	125
Post-mortem on other animals	37	14	—	—	—	3

Stable Service of the Department.

Table 22 shows the statistics of the Department Stables, which include the ambulance and disinfection services of the Department.

TABLE 22.

Department Stables, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Cases removed to hospitals	4,147	1,776	1,692	599	2	70
Bodies removed to morgue	240	20	220	—	—	—
Number of times ambulances and other vehicles disinfected	3,047	5,119	1,069	528	—	73

Department Stables, Six Months Ending December 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Ambulance Drivers—						
Cases removed to hospitals....	3,206	1,295	1,357	470	....	74
Bodies removed to morgue....	59	43	16	....	....	....
Other visits made.....	2,033	223	1,773	32	....	1
Total visits.....	5,298	1,561	3,156	502	....	75
Number of times ambulances and other vehicles disinfected.....	2,408	946	928	468	....	66

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Goods Wagon Drivers—						
Visits, infected goods removed..	12,787	5,825	4,000	1,370	447	185
Visits, disinfected goods returned	11,261	5,333	4,330	1,123	321	171
Other visits made.....	1,028	626	127	72	36	227
Total visits.....	25,076	11,784	8,457	2,565	804	383
Stable Service—						
*Average number of horses cared for	37	15	19	10	10	3
For ambulances and goods wagons	50	14	18	8	7	3
For executive officials.....	7	1	1	2	3	....

* Average of those under care on the first of each month.

B—Division of Inspections.

General Sanitary Inspection—The following tables show the statistics of the work of general sanitary inspection during the year under review :

TABLE 23.
Character of Premises Inspected by Sanitary Inspectors and Sanitary Police, Six Months Ending June 30, 1907.

Character of Premises Inspected.	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	Sanitary Inspectors.	Sanitary Police.										
Number of tenement houses	7,411	31,545	4,460	26,552	1,294	2,743	316	2,120	1,229	28	112	120
Number of lodging houses	608	395	293	324	228	71	1	....	....	....	86	....
Number of private dwellings	16,416	19,471	1,936	8,937	5,061	4,088	1,273	1,949	4,473	1,777	3,719	2,760
Number of mercantile establishments.....	18,934	2,167	15,804	278	2,103	1,211	140	68	400	99	427	11
Number of manufactories and workshops.....	6,027	3,127	4,666	3,737	1,134	1,256	20	68	10	13	148	23
Number of stables	6,748	10,331	2,313	6,327	1,881	2,484	912	661	1,215	127	227	732
Number of manure dumps .....	....	4,506	....	2,827	....	1,056	....	123	....	....	....	478
Number of sunken and vacant lots.....	4,699	6,122	1,057	2,229	151	2,251	116	736	221	789	954	117
Number of miscellaneous	35,156	93,150	23,373	53,497	7,355	24,300	152	606	2,690	2,036	1,336	2,691
Total.....	91,989	172,814	53,896	114,708	19,407	39,962	2,930	6,353	10,747	4,889	7,409	6,902

TABLE 24.

General Sanitary Inspection—Number and Nature of Items Investigated on Citizens' and Inspectors' Complaints and Action Taken, Six Months Ending December 31, 1907.
NEW YORK.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts or yards need cleaning, draining or paving.....	5,731	2,956	85	2,076	214	2,751	2,081
Animals kept without permits.....	2,023	1,312	21	614	20	1,150	872
Apartments need cleaning or ventilating.....	1,310	22	1,259	108	2,041	258	2,708
Barber shops do not comply with rules and regulations.....	1,517	1,447	3	52	15	1,512	4
Ceilings or walls need cleaning, whitewashing or repairing.....	4,428	4,027	59	2,159	163	3,377	1,051
Cellars need cleaning, cementing or draining.....	4,598	968	34	1,083	313	1,773	823
Cellars inhabited contrary to law, or apartments overcrowded.....	459	191	3	208	37	368	91
Cougenals need cleaning or repairing.....	1,544	1,281	51	150	69	1,513	31
Chimneys need cleaning or repairing.....	328	94	8	211	34	277	51
Defective drainage.....	7,430	954	46	318	138	1,328	62
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	1,530	751	171	487	120	537	982
Floors need cleaning or repairing.....	5,846	1,590	47	2,123	82	2,527	1,317
Gas mains or pipes need repairing.....	176	54	1	106	15	154	12
Garbage or ash receptacles need to be provided, removed or cleaned.....	2,593	1,385	62	1,068	78	829	1,664
Halls or stairways need cleaning or repairing.....	1,913	846	17	1,133	130	1,112	803
Ice boxes need cleaning or draining.....	643	446	12	180	5	523	88
Lighting needed in dark halls or rooms.....	211	55	2	127	29	167	42
Manure dumps	220	196	4	17	3	206	14
Offensive trades	2,672	1,182	38	1,232	52	1,222	1,228
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	6,229	3,688	97	2,024	420	6,022	297
Privies need cleaning, disinfecting or repairing.....	1,648	1,403	34	122	78	1,598	50
Roofs or roof drains need cleaning or repairing.....	2,059	1,026	34	886	113	1,425	634
Smoke nuisance	736	392	37	277	20	644	92
Stables should be cleaned, repaired, drained or removed.....	1,559	1,170	55	287	47	1,311	248
Water-closets need cleaning, repairing, or to be provided.....	1,658	1,223	34	1,276	505	3,375	283
Water tanks or cisterns need cleaning or repairing.....	790	421	10	311	26	529	261
Total.....	51,369	28,074	1,056	21,171	3,068	38,776	14,593

* By both citizens and inspectors. † Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24—(Continued).
BOROUGH OF MANHATTAN.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts or yards need cleaning, draining or paving.....	3,341	1,159	52	1,945	175	1,577	1,764
Animals kept without permit.....	609	268	11	327	3	121	488
Apartments need cleaning or ventilating.....	1,718	557	12	1,093	53	1,048	670

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Barber shops do not comply with rules and regulations.....	1,002	983	3	16	....	999	3
Ceilings or walls need cleaning, whitewashing or repairing.....	3,659	1,435	34	2,067	121	2,728	931
Cellars need cleaning, cementing or draining.....	1,787	610	22	1,056	99	1,193	684
Cellars inhabited contrary to law, or apartments overcrowded.....	280	67	2	193	16	220	60
Cesspools need cleaning or repairing.....	59	24	4	73	8	49	10
Chimneys need cleaning or repairing.....	278	56	9	202	11	233	43
Defective drainage.....	416	189	5	206	16	407	9
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	567	343	40	131	53	145	422
Floors need cleaning or repairing.....	5,280	1,120	11	2,071	58	2,096	1,184
Gas mains or pipes need repairing.....	154	44	....	102	8	142	13
Garbage or ash receptacles need to be provided, removed or cleaned.....	1,790	804	53	907	26	591	1,190
Halls or stairways need cleaning or repairing.....	1,740	569	13	1,093	63	970	770
Ice boxes need cleaning or draining.....	531	381	2	166	2	467	84
Lighting needed in dark halls or rooms.....	190	46	2	118	24	133	37
Manure dumps.....	6	4	....	2	....	....	6
Offensive trades.....	1,604	679	22	873	34	857	747
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	3,479	1,797	45	1,502	126	3,344	126
Privies need cleaning, disinfecting or repairing.....	117	52	....	52	13	89	28
Roofs or roof drains need cleaning or repairing.....	1,382	672	27	834	49	902	190
Smoke nuisance.....	506	289	33	170	14	463	43
Stables should be cleaned, repaired, drained or removed.....	563	380	26	148	8	485	75
Water-closets need cleaning, repairing, or to be provided.....	2,182	1,087	35	902	158	1,935	247
Water tanks or cisterns need cleaning or repairing.....	646	307	8	294	37	477	174
Total.....	32,097	13,937	492	16,493	1,178	21,689	10,408

*By both citizens and Inspectors. †Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24—Continued.
BOROUGH OF BROOKLYN.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts or yards need cleaning, draining or paving.....	1,317	376	0	802	128	594	994
Animals kept without permit.....	138	54	1	63	2	48	70
Apartments need cleaning or ventilating.....	617	174	4	100	20	593	34
Barber shops do not comply with rules and regulations.....	426	382	....	34	10	425	1
Ceilings or walls need cleaning, whitewashing or repairing.....	253	130	1	42	20	210	23
Cellars need cleaning, cementing or draining.....	553	237	4	132	180	420	63
Cellars inhabited contrary to law, or apartments overcrowded.....	110	91	....	13	6	89	31
Cesspools need cleaning or repairing.....	92	55	1	23	10	87	5
Chimneys need cleaning or repairing.....	31	23	....	7	1	20	5
Defective drainage.....	147	68	1	17	10	138	....
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	252	89	3	147	19	43	409
Floors need cleaning or repairing.....	810	139	....	20	1	184	26
Gas mains or pipes need repairing.....	13	4	....	3	6	13	....
Garbage or ash receptacles need to be provided, removed or cleaned.....	414	284	2	90	49	312	199
Halls or stairways need cleaning or repairing.....	104	58	1	10	24	102	2
Ice boxes need cleaning or draining.....	32	20	....	1	1	30	8
Lighting needed in dark halls or rooms.....	11	4	....	5	2	11	....
Manure dumps.....	16	14	....	1	1	14	2
Offensive trades.....	813	42	4	243	28	102	211
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	1,553	924	12	492	110	1,322	21
Privies need cleaning, disinfecting or repairing.....	120	84	0	13	19	113	5
Roofs or roof drains need cleaning or repairing.....	374	245	5	33	20	208	26
Smoke nuisance.....	138	71	2	54	10	118	6
Stables should be cleaned, repaired, drained or removed.....	432	300	2	99	29	340	32
Water-closet apartments need cleaning, repairing, or to be provided.....	1,131	574	9	315	203	1,117	14
Water tanks or cisterns need cleaning or repairing.....	10	6	....	2	1	8	2
Total.....	8,942	4,945	66	2,730	1,181	7,008	2,934

*By both citizens and Inspectors. †Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24—Continued.
BOROUGH OF THE BRONX.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts, yards need cleaning, draining or paving.....	492	203	21	185	83	203	286
Animals kept without permit.....	415	254	23	129	9	113	300
Apartments need cleaning or ventilating.....	215	156	2	42	19	151	64
Barber shops do not comply with rules and regulations.....	29	28	....	1	....	29	....
Ceilings or walls need cleaning, whitewashing or repairing.....	268	213	3	31	21	171	97
Cellars need cleaning, cementing or draining.....	191	79	8	83	20	153	78
Cellars inhabited contrary to law, or apartments overcrowded.....	31	7	1	13	10	11	20
Cesspools need cleaning or repairing.....	223	180	16	17	4	210	7

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Chimneys need cleaning or repairing.....	3	5	.....	2	1	7	1
Defective drainage.....	164	37	14	37	26	141	21
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	471	176	118	164	17	131	343
Floors need cleaning or repairing.....	267	311	1	30	33	155	107
Gas mains or pipes need repairing.....	3	1	.....	1	1	2	.....
Garbage or ash receptacles need to be provided, removed or cleaned.....	34	33	6	32	11	21	21
Halls or stairways need cleaning or repairing.....	17	8	2	20	10	26	31
Ice boxes need cleaning or draining.....	6	4	.....	.....	2	4	4
Lighting needed in dark halls or rooms.....	7	.....	.....	4	4	.....	7
Manure dumps.....	8	1	.....	2	2	3	5
Offensive trades.....	702	434	12	247	0	433	269
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	379	223	22	72	27	320	59
Privies need cleaning, disinfecting or repairing.....	132	114	3	0	6	124	30
Roofs or roof drains need cleaning or repairing.....	90	89	2	14	15	74	38
Smoke nuisance.....	38	28	2	24	5	15	43
Stables should be cleaned, repaired, drained or removed.....	209	160	15	21	3	145	84
Water closet apartments need cleaning, repairing or to be provided.....	290	106	0	46	39	178	22
Water tanks or cisterns need cleaning or repairing.....	23	5	1	10	7	15	8
Total.....	4,728	2,794	282	1,260	413	4,780	1,948

* By both citizens and Inspectors. † Either no cause of complaint or cause of complaint removed without issuance of notice.

TABLE 24—Continued.
BOROUGH OF QUEENS.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts, yards need cleaning, draining or paving.....	108	60	2	25	21	108	.....
Animals kept without permit.....	386	291	22	68	5	386	.....
Apartments need cleaning or ventilating.....	240	177	3	48	12	240	.....
Barber shops do not comply with rules and regulations.....	60	54	.....	1	2	60	.....
Ceilings or walls need cleaning, whitewashing or repairing.....	34	27	7	4	2	54	.....
Cellars need cleaning, cementing or draining.....	21	28	.....	10	3	41	.....
Cellars inhabited contrary to law, or apartments overcrowded.....	12	1	.....	2	4	22	.....
Cesspools need cleaning or repairing.....	474	349	23	60	26	474	.....
Chimneys need cleaning or repairing.....	10	8	.....	.....	1	10	.....
Defective drainage.....	131	98	4	15	14	131	.....
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	152	87	2	34	28	152	.....
Floors need cleaning or repairing.....	4	4	.....	.....	.....	4	.....
Gas mains or pipes need repairing.....	6	4	1	.....	.....	6	.....
Garbage or ash receptacles need to be provided, removed or cleaned.....	63	37	.....	22	11	55	.....
Halls or stairways need cleaning or repairing.....	2	.....	.....	1	1	2	.....
Ice boxes need cleaning or draining.....	3	2	.....	1	.....	3	.....
Lighting needed in dark halls or rooms.....	1	1	.....	.....	.....	1	.....
Manure dumps.....	90	51	2	6	.....	90	.....
Offensive trades.....	26	11	.....	15	.....	26	.....
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	198	122	2	10	0	198	.....
Privies need cleaning, disinfecting or repairing.....	258	193	8	34	21	258	.....
Roofs or roof drains need cleaning or repairing.....	21	18	.....	2	.....	21	.....
Smoke nuisance.....	14	7	.....	6	1	14	.....
Stables should be cleaned, repaired, drained or removed.....	128	120	5	10	3	128	.....
Water closet apartments need cleaning, repairing or to be provided.....	75	29	.....	8	2	75	.....
Water tanks or cisterns need cleaning or repairing.....	15	11	.....	2	1	15	.....
Total.....	4,386	3,926	79	296	185	4,386	.....

* By both citizens and Inspectors. † Either no cause of complaint or cause of complaint removed without issuance of notice.

TABLE 24—Continued.
BOROUGH OF RICHMOND.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, areas, shafts, yards need cleaning, draining or paving.....	273	228	4	14	7	270	3
Animals kept without permit.....	495	451	14	29	1	481	15
Apartments need cleaning or ventilating.....	8	8	.....	2	1	9	.....
Ceilings or walls need cleaning, whitewashing or repairing.....	194	152	20	15	7	194	.....
Cellars need cleaning, cementing or draining.....	28	21	.....	2	1	26	.....
Cellars inhabited contrary to law, or apartments overcrowded.....	26	21	.....	2	1	26	.....
Cesspools need cleaning or repairing.....	596	466	7	19	4	587	9
Chimneys need cleaning or repairing.....	1	1	.....	.....	.....	1	.....
Defective drainage.....	397	312	20	41	22	367	30
Excavations or vacant lots need cleaning, draining, repairing or fencing.....	94	28	4	10	11	86	8
Floors need cleaning or repairing.....	83	51	15	8	1	88	.....
Gas mains or pipes need repairing.....	.....	.....	.....	.....	.....	.....	.....
Garbage or ash receptacles need to be provided, removed or cleaned.....	242	232	1	8	1	237	5

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Halls or stairways need cleaning or repairing.....	12	11	.....	.....	1	12	.....
Ice boxes need cleaning or draining.....	49	27	10	12	.....	49	.....
Lighting needed in dark halls or rooms.....	4	2	.....	.....	.....	3	.....
Manure dumps.....	100	96	1	2	.....	96	1
Offensive trades.....	27	16	.....	8	2	36	1
Plumbing needs cleaning, repairing, trapping or removal of obstructions.....	629	367	16	28	18	628	1
Privies need cleaning, disinfecting or repairing.....	1,021	958	27	23	19	1,024	7
Roofs or roof drains need cleaning or repairing.....	32	17	.....	.....	.....	32	.....
Smoke nuisance.....	20	7	.....	13	.....	20	.....
Stables should be cleaned, repaired, drained or removed.....	217	204	2	8	3	211	6
Water closets apartments need cleaning, repairing or to be provided.....	70	37	1	4	8	70	.....
Water tanks or cisterns need cleaning or repairing.....	98	94	1	1	.....	79	17
Total.....	5,016	4,507	137	161	111	4,713	303

* By both citizens and inspectors. † Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 25.
General Sanitary Inspection—Notices and Orders Disposed of During Six Months Ending December 31, 1907.

	Notices and Orders Disposed During Last Six Months of 1907.	Disposed of Within Thirty Days.		Disposed of Within Sixty Days.		Not Disposed of Within Sixty Days.	
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
New York.....	17,044	5,193	30.47	4,560	27.73	7,089	41.60
Manhattan.....	8,487	2,196	24.81	1,244	14.54	3,127	36.66
Brooklyn.....	5,006	1,273	25.43	585	11.69	2,128	42.45
The Bronx.....	1,530	991	64.77	300	19.61	244	15.62
Queens.....	1,399	594	42.44	328	23.44	677	48.54
Richmond.....	1,599	228	14.26	181	11.32	903	56.84

TABLE 26.
General Sanitary Inspection—Notices and Orders Pending December 31, 1907, and When Issued.

	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.
Notices and orders pending December 31, 1907.....	3,379	100.00	879	100.00	453	100.00	531	100.00	918	100.00	1,328	100.00
Number first issued in December, 1907.....	1,283	37.97	574	65.31	180	40.00	328	61.77	130	14.27	80	6.03
November.....	522	15.45	47	5.35	107	23.62	711	134.07	81	8.82	170	12.80
October.....	475	14.06	5	0.57	44	9.71	21	3.95	27	2.94	144	10.84
September.....	344	10.18	—	—	17	3.75	14	2.64	12	1.32	183	13.74
August.....	216	6.39	—	—	21	4.63	12	2.26	17	1.86	101	7.54
July.....	176	5.21	—	—	15	3.31	4	0.75	14	1.53	135	10.16
June.....	68	2.01	—	—	10	2.21	7	1.32	12	1.32	40	3.01
May.....	61	1.80	—	—	28	6.23	2	0.37	5	0.54	40	3.01
April.....	17	0.50	—	—	14	3.09	2	0.37	4	0.43	8	0.60
March.....	14	0.41	—	—	1	0.22	8	1.51	1	0.11	4	0.30
February.....	3	0.09	—	—	1	0.22	1	0.19	—	—	1	0.07
January.....	7	0.21	—	—	1	0.22	1	0.19	10	1.10	2	0.15
Total.....	3,379	100.00	879	100.00	444	98.00	514	96.70	170	18.57	1,345	97.60
Year 1906.....	54	1.59	—	—	3	0.67	16	3.03	18	1.96	11	0.81
Year 1905.....	6	0.18	—	—	—	—	—	—	—	—	6	0.43
Year 1904.....	4	0.12	—	—	—	—	1	0.19	—	—	3	0.21
Year 1903.....	16	0.47	—	—	—	—	—	—	—	—	10	0.74
Year 1902.....	3	0.09	—	—	—	—	—	—	—	—	3	0.21

TABLE 27.

The following tabulated statement and summary shows the date, location, cause of action and the result of vacation of premises by the Board of Health, in compliance with the requirements of sections 1176 and 1199 of the Laws of 1901:

BOROUGH OF MANHATTAN.

No.	Date.	Location.	Cause.	Result.
1	Jan. 2	Nos. 1 and 3 Hancock street.....	Public nuisance.....	Complied January 8, 1907.
2	Jan. 16	No. 2491 Second avenue.....	Public nuisance.....	Complied January 22, 1907.
3	Jan. 16	No. 215 East One Hundred and Twenty-sixth street.....	Defective plumbing.....	Complied January 21, 1907.
4	Jan. 16	No. 196 East One Hundred and Tenth street.....	Defective plumbing.....	Complied February 1, 1907.
5	Jan. 23	No. 2412 First avenue.....	Public nuisance.....	Complied February 9, 1907.
6	Jan. 23	No. 249 East One Hundred and Twenty-seventh street.....	Public nuisance.....	Complied March 6, 1907.
7	Jan. 23	No. 1941 First avenue.....	Public nuisance.....	Complied January 29, 1907.
8	Jan. 23	No. 18 University place.....	Defective plumbing.....	Complied February 15, 1907.
9	Jan. 23	No. 49 Sheriff street.....	Defective plumbing.....	Complied March 4, 1907.
10	Jan. 23	Nos. 817 to 823 West Forty-seventh street.....	Public nuisance.....	Complied March 4, 1907.

No.	Date.	Location.	Cause.	Result.
11	Jan. 20	No. 313 East One Hundred and Sixth street.	Public nuisance.	Complied February 13, 1907.
12	Jan. 20	No. 412 East Twenty-third street.	Defective plumbing.	Complied March 4, 1907.
13	Jan. 20	No. 355 West Broadway.	Defective plumbing.	Complied February 7, 1907.
14	Feb. 6	No. 501 West One Hundred and Sixty-first street.	Public nuisance.	Complied March 5, 1907.
15	Feb. 13	No. 237 East One Hundred and Thirtieth street.	Public nuisance.	Complied February 16, 1907.
16	Feb. 13	No. 1907 Lexington avenue.	Public nuisance.	Complied February 26, 1907.
17	Feb. 14	No. 229 East One Hundred and Eleventh street.	Public nuisance.	Complied February 25, 1907.
18	Feb. 13	No. 173 East One Hundred and Tenth street.	Public nuisance.	Complied February 19, 1907.
19	Feb. 20	No. 296 Second street.	Public nuisance.	Complied March 12, 1907.
20	Feb. 20	No. 610 East Eleventh street.	Public nuisance.	Complied March 26, 1907.
21	Feb. 20	No. 438 East Eleventh street.	Public nuisance.	Complied March 26, 1907.
22	Feb. 20	No. 355 East Fourth street.	Public nuisance.	Complied March 1, 1907.
23	Feb. 20	Nos. 1307 and 1309 Avenue A (front).	Defective plumbing.	Complied May 11, 1907.
24	Feb. 20	No. 102 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
25	Feb. 20	No. 104 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
26	Feb. 20	No. 106 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
27	Feb. 20	No. 108 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
28	Feb. 20	No. 110 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
29	Feb. 20	No. 112 East One Hundred and Fourth street.	Defective drainage.	Complied March 27, 1907.
30	Feb. 20	No. 120 East One Hundred and Twenty-eighth street.	Defective plumbing.	Complied June 8, 1907.
31	Feb. 20	Nos. 204 to 216 East Eighty-second street.	Public nuisance.	Complied April 10, 1907.
32	Feb. 27	No. 2392 Third avenue (Park Theatre).	Public nuisance.	Complied July 29, 1907.
33	Feb. 27	No. 182 East Houston street.	Public nuisance.	Complied March 3, 1907.
34	Feb. 27	No. 152 Avenue C.	Public nuisance.	Complied April 16, 1907.
35	Feb. 27	No. 321 East Eighth street.	Public nuisance.	Complied March 6, 1907.
36	Feb. 27	No. 323 East Twelfth street.	Public nuisance.	Complied March 18, 1907.
37	Feb. 27	No. 504 East Twelfth street.	Public nuisance.	Complied March 14, 1907.
38	Feb. 27	No. 610 East Twelfth street.	Public nuisance.	Complied March 14, 1907.
39	Feb. 27	No. 5 West One Hundred and Thirty-seventh street.	Public nuisance.	Complied March 26, 1907.
40	Feb. 27	No. 210 East Fifteenth street.	Defective plumbing.	Complied March 1, 1907.
41	Feb. 27	No. 264 West Forty-third street.	Defective plumbing.	Complied April 16, 1907.
42	Feb. 27	No. 67 West Thirty-sixth street.	Defective plumbing.	Complied March 29, 1907.
43	Mar. 6	No. 2095 First avenue (rear) (stable).	Public nuisance.	Complied May 2, 1907.
44	Mar. 6	No. 2095 First avenue (front).	Defective plumbing.	Complied May 2, 1907.
45	Mar. 6	No. 2095 First avenue (rear dwelling).	Defective plumbing.	Complied May 2, 1907.
46	Mar. 13	No. 314 East Eighty-third street.	Public nuisance.	Complied March 23, 1907.
47	Mar. 13	No. 1767 Third avenue.	Public nuisance.	Complied March 16, 1907.
48	Mar. 20	No. 2315 East Eighty-seventh street.	Public nuisance.	Complied April 12, 1907.
49	Mar. 20	No. 414 West Forty-second street (New Amsterdam Theatre).	Defective construction.	Complied December 9, 1907.
50	Mar. 20	No. 442 Sixth avenue.	Defective plumbing.	Complied April 29, 1907.
51	Mar. 20	No. 162 West Houston street.	Public nuisance.	Complied April 9, 1907.
52	Mar. 20	No. 47 Bedford street.	Public nuisance.	Complied August 26, 1907.
53	Mar. 20	No. 302 East Eighty-third street.	Public nuisance.	Complied March 22, 1907.
54	Mar. 20	No. 566 West Broadway.	Defective drainage.	Complied July 3, 1907.
55	Mar. 20	No. 212 Second street.	Public nuisance.	Complied April 2, 1907.
56	Mar. 20	No. 222 Second street.	Public nuisance.	Complied April 18, 1907.
57	Mar. 20	Northwest corner Sixty-fourth street and Central Park West.	Public nuisance.	Complied May 29, 1907.
58	Mar. 20	No. 120 West Fifty-fifth street.	Defective drainage and plumbing.	Complied March 29, 1907.
59	Mar. 20	No. 46 West Eighteenth street.	Defective drainage.	Complied April 2, 1907.
60	Mar. 20	Nos. 4 and 6 West Third street.	Defective plumbing.	Complied March 26, 1907.
61	Mar. 27	No. 1582 Second avenue.	Public nuisance.	Complied April 2, 1907.
62	Mar. 27	No. 1751 Avenue A.	Public nuisance.	Complied April 13, 1907.
63	Mar. 27	No. 405 East Eighty-fifth street.	Public nuisance.	Complied April 2, 1907.
64	Mar. 27	No. 69 East One Hundred and Sixth street.	Public nuisance.	Complied April 7, 1907.
65	Mar. 27	No. 21 Hester street (front).	Defective drainage.	Complied April 1, 1907.
66	Mar. 27	No. 21 Hester street (rear).	Defective drainage.	Complied April 1, 1907.
67	Mar. 27	No. 331 Broome street.	Defective drainage.	Complied April 19, 1907.
68	Mar. 27	No. 1640 First avenue.	Public nuisance.	Complied April 4, 1907.
69	Mar. 27	No. 1730 Park avenue.	Public nuisance.	Complied April 23, 1907.
70	Mar. 27	Nos. 502 to 513 West Fiftieth street.	Public nuisance.	Complied May 3, 1907.
71	April 3	No. 52 Avenue D.	Public nuisance.	Complied April 19, 1907.
72	April 3	No. 417 West Broadway.	Public nuisance.	Complied April 16, 1907.
73	April 3	No. 1647 Second avenue.	Public nuisance.	Complied April 9, 1907.
74	April 3	No. 237 East One Hundred and Eighth street.	Public nuisance.	Complied April 16, 1907.
75	April 3	No. 2056 First avenue.	Public nuisance.	Complied June 11, 1907.
76	April 3	No. 400 East Eighty-second street.	Public nuisance.	Complied April 9, 1907.
77	April 3	No. 417 East Twelfth street.	Public nuisance.	Complied April 9, 1907.
78	April 10	Nos. 105 and 107 Columbia street.	Defective plumbing.	Complied April 16, 1907.
79	May 1	No. 124 Second street.	Public nuisance.	Complied May 18, 1907.
80	May 1	No. 136 Second street.	Public nuisance.	Complied May 10, 1907.
81	May 1	No. 222 Second street.	Public nuisance.	Complied May 13, 1907.
82	May 1	No. 1356 Avenue A.	Public nuisance.	Complied May 7, 1907.
83	May 1	No. 1440 Avenue A.	Public nuisance.	Complied May 10, 1907.
84	May 1	No. 1353 Second avenue.	Public nuisance.	Complied May 10, 1907.
85	May 1	No. 177 East Seventy-fourth street.	Public nuisance.	Complied May 4, 1907.
86	May 1	No. 311 East One Hundred and Third street.	Public nuisance.	Complied June 11, 1907.
87	May 1	No. 426 East Eighty-sixth street.	Public nuisance.	Complied May 15, 1907.
88	May 1	No. 305 West Sixty-ninth street.	Public nuisance.	Complied May 10, 1907.
89	May 1	No. 200 East Seventy-third street.	Public nuisance.	Complied May 3, 1907.
90	May 1	No. 190 East Third street.	Public nuisance.	Complied May 19, 1907.
91	May 1	No. 2351 Eighth avenue.	Public nuisance.	Complied May 7, 1907.

No.	Date.	Location.	Cause.	Result.
92	May 1	No. 1777 Third avenue.	Public nuisance.	Complied May 7, 1907.
93	May 1	No. 114 Second street.	Public nuisance.	Complied May 11, 1907.
94	May 1	No. 205 Mott street.	Public nuisance.	Complied May 18, 1907.
95	May 1	No. 401 East Eighth street.	Public nuisance.	Complied May 28, 1907.
96	May 13	No. 236 Third avenue.	Public nuisance.	Complied May 31, 1907.
97	May 13	No. 382 Third avenue.	Public nuisance.	Complied June 1, 1907.
98	May 13	No. 422 Third avenue.	Public nuisance.	Complied May 16, 1907.
99	May 13	No. 326 East Third street.	Public nuisance.	Complied May 24, 1907.
100	May 13	No. 219 East Seventy-third street.	Public nuisance.	Complied June 8, 1907.
101	May 13	No. 302 East Seventy-fourth street.	Public nuisance.	Complied May 16, 1907.
102	May 13	No. 200 East Twenty-fifth street.	Public nuisance.	Complied May 21, 1907.
103	May 13	No. 240 East Twenty-eighth street.	Public nuisance.	Complied May 28, 1907.
104	May 13	No. 309 East Twenty-eighth street.	Public nuisance.	Complied May 31, 1907.
105	May 13	No. 243 East Twenty-ninth street.	Public nuisance.	Complied May 31, 1907.
106	May 13	No. 507 West One Hundred and Forty-fifth street.	Public nuisance.	Complied June 10, 1907.
107	May 13	No. 413 Second avenue.	Public nuisance.	Complied May 31, 1907.
108	May 13	No. 469 Second avenue.	Public nuisance.	Complied May 22, 1907.
109	May 13	No. 483 Second avenue.	Public nuisance.	Complied May 22, 1907.
110	May 13	No. 312 Second avenue.	Public nuisance.	Complied May 31, 1907.
111	May 13	No. 345 Third avenue.	Public nuisance.	Complied June 4, 1907.
112	May 13	No. 363 Third avenue.	Public nuisance.	Complied May 22, 1907.
113	May 22	No. 478 West One Hundred and Sixty-fifth street.	Defective plumbing.	Complied October 19, 1907.
114	May 22	No. 94 Monroe street.	Defective plumbing.	Complied June 11, 1907.
115	May 22	No. 311 Elizabeth street.	Nuisance.	Complied September 26, 1907.
116	May 22	No. 26 Bleecker street.	Defective plumbing.	Complied September 26, 1907.
117	May 22	No. 22 Bleecker street.	Defective plumbing.	Complied September 4, 1907.
118	May 22	No. 24 Bleecker street.	Defective plumbing.	Complied September 4, 1907.
119	May 22	No. 474 West One Hundred and Sixty-fifth street.	Defective plumbing.	Complied October 19, 1907.
120	May 22	No. 476 West One Hundred and Sixty-fifth street.	Defective plumbing.	Complied October 19, 1907.
121	May 22	No. 332 First avenue.	Public nuisance.	Complied June 4, 1907.
122	May 22	No. 541 Fifth street.	Public nuisance.	Complied June 4, 1907.
123	May 22	No. 167 Lewis street.	Public nuisance.	Complied July 3, 1907.
124	May 22	No. 274 East Third street.	Public nuisance.	Complied May 28, 1907.
125	May 22	No. 65 East Fourth street.	Public nuisance.	Complied June 17, 1907.
126	May 22	No. 138 East Fourth street.	Public nuisance.	Complied May 27, 1907.
127	May 22	No. 87 Ridge street (front).	Defective drainage.	Complied July 6, 1907.
128	May 22	No. 87 Ridge street (middle).	Defective drainage.	Complied July 6, 1907.
129	May 22	No. 87 Ridge street (rear).	Defective drainage.	Complied July 6, 1907.
130	May 22	No. 86 Ridge street (front).	Defective drainage.	Complied July 6, 1907.
131	May 22	No. 86 Ridge street (middle).	Defective drainage.	Complied July 6, 1907.
132	May 22	No. 86 Ridge street (rear).	Defective drainage.	Complied July 6, 1907.
133	May 28	No. 347 Fifth street.	Public nuisance.	Complied June 18, 1907.
134	May 28	Nos. 742 and 745 Fifth street.	Public nuisance.	Complied June 4, 1907.
135	May 28	No. 339 Sixth street.	Public nuisance.	Complied June 4, 1907.
136	May 28	No. 410 Sixth street.	Public nuisance.	Complied June 18, 1907.
137	May 28	No. 524 Sixth street.	Public nuisance.	Complied June 4, 1907.
138	May 28	No. 544 Sixth street.	Public nuisance.	Complied June 4, 1907.
139	May 28	No. 120 West Forty-first street.	Defective plumbing.	Complied June 12, 1907.
140	June 3	No. 338 First avenue.	Public nuisance.	Complied June 19, 1907.
141	June 3	No. 332 Avenue A.	Public nuisance.	Complied June 11, 1907.
142	June 3	No. 447 Second avenue.	Public nuisance.	Complied June 19, 1907.
143	June 3	Nos. 850 and 852 Seventh avenue.	Public nuisance.	Complied September 11, 1907.
144	June 3	No. 299 Mott street.	Public nuisance.	Complied July 2, 1907.
145	June 3	No. 513 Sixth street.	Public nuisance.	Complied July 3, 1907.
146	June 3	No. 433 East Fourteenth street.	Public nuisance.	Complied June 11, 1907.
147	June 3	No. 104 East One Hundred and Twenty-seventh street.	Defective drainage.	Complied June 18, 1907.
148	June 12	No. 297 Avenue A.	Public nuisance.	Complied June 25, 1907.
149	June 12	No. 311 Avenue A.	Public nuisance.	Complied July 5, 1907.
150	June 12	No. 463 Sixth avenue.	Public nuisance.	Complied July 2, 1907.
151	June 12	No. 407 East Fourteenth street.	Public nuisance.	Complied June 19, 1907.
152	June 12	No. 428 East Sixteenth street.	Public nuisance.	Complied June 19, 1907.
153	June 12	No. 420 East Eighteenth street.	Public nuisance.	Complied July 31, 1907.
154	June 12	No. 107 West Twenty-fourth street.	Public nuisance.	Complied June 18, 1907.
155	June 12	No. 102 West Twenty-sixth street.	Public nuisance.	Complied June 18, 1907.
156	June 12	No. 103 West Twenty-sixth street.	Public nuisance.	Complied June 18, 1907.
157	June 12	No. 49 West Twenty-ninth street.	Public nuisance.	Complied June 18, 1907.
158	June 12	No. 702 Sixth avenue.	Public nuisance.	Complied July 3, 1907.
159	June 12	No. 119 East Thirty-fourth street.	Defective plumbing.	Complied August 3, 1907.
160	June 12	No. 124 Seventh avenue.	Public nuisance.	Complied July 2, 1907.
161	June 12	No. 148 Eighth avenue.	Public nuisance.	Complied June 18, 1907.
162	June 12	No. 354 Eighth avenue.	Public nuisance.	Complied June 18, 1907.
163	June 12	No. 472 Eighth avenue.	Public nuisance.	Complied July 27, 1907.
164	June 12	No. 484 Ninth avenue.	Public nuisance.	Complied June 26, 1907.
165	June 12	No. 315 Ninth avenue.	Public nuisance.	Complied July 3, 1907.
166	June 12	No. 326 Ninth avenue.	Public nuisance.	Complied June 19, 1907.
167	June 12	No. 425 Ninth avenue.	Public nuisance.	Complied June 26, 1907.
168	June 12	No. 177 Third street.	Public nuisance.	Complied June 18, 1907.
169	June 12	No. 233 East Fourth street.	Public nuisance.	Complied June 18, 1907.
170	June 12	No. 365 West Twenty-seventh street.	Public nuisance.	Complied June 18, 1907.
171	June 12	No. 2109 First avenue.	Public nuisance.	Complied June 19, 1907.

No.	Date	Location	Cause	Result
172	June 12	No. 339 East One Hundred and Eighth street.	Public nuisance.	Complied June 19, 1907.
173	June 12	No. 239 Ninth avenue.	Public nuisance.	Complied June 19, 1907.
174	June 19	No. 259 Avenue A.	Public nuisance.	Complied July 3, 1907.
175	June 19	No. 253 Tenth avenue.	Public nuisance.	Complied July 5, 1907.
176	June 19	No. 321 East One Hundred and Fifth street.	Public nuisance.	Complied June 26, 1907.
177	June 19	No. 420 West Twenty-sixth street.	Public nuisance.	Complied July 31, 1907.
178	June 19	No. 505 West Twenty-seventh street.	Public nuisance.	Complied July 23, 1907.
179	June 19	North-east corner One Hundred and Thirty-first street and Old Broadway.	Public nuisance.	Complied September 6, 1907.
180	June 20	No. 179 East Seventy-fifth street.	Public nuisance.	Complied July 3, 1907.
181	June 26	No. 124 Clinton street.	Defective plumbing.	Complied July 6, 1907.
182	June 26	No. 145 East Fifty-sixth street.	Desertive drainage.	Complied July 26, 1907.
183	June 26	No. 300 East One Hundred and Second street.	Public nuisance.	Complied July 3, 1907.
184	July 3	No. 323 Hudson street.	Public nuisance.	Complied July 11, 1907.
185	July 3	No. 715 Second avenue.	Public nuisance.	Complied July 5, 1907.
186	July 3	No. 582 Third avenue.	Public nuisance.	Complied July 10, 1907.
187	July 3	No. 203 East Thirty-sixth street.	Public nuisance.	Complied July 26, 1907.
188	July 3	No. 236 East Forty-second street.	Public nuisance.	Complied July 19, 1907.
189	July 3	No. 236 East Forty-sixth street.	Public nuisance.	Complied July 13, 1907.
190	July 3	No. 303 East Forty-sixth street.	Public nuisance.	Complied July 22, 1907.
191	July 3	No. 210 East One Hundred and Sixth street.	Public nuisance.	Complied July 17, 1907.
192	July 12	No. 418 First avenue.	Public nuisance.	Complied July 15, 1907.
193	July 12	No. 758 Second avenue.	Public nuisance.	Complied July 15, 1907.
194	July 12	No. 265 Third avenue.	Public nuisance.	Complied July 22, 1907.
195	July 12	No. 461 Fourth avenue.	Public nuisance.	Complied July 16, 1907.
196	July 12	No. 132 East Thirty-second street.	Public nuisance.	Complied July 17, 1907.
197	July 12	No. 200 East Thirty-ninth street.	Public nuisance.	Complied July 23, 1907.
198	July 12	No. 301 East Forty-fifth street.	Public nuisance.	Complied July 23, 1907.
199	July 12	No. 339 1/2 Hudson street.	Public nuisance.	Complied July 29, 1907.
200	July 12	No. 395 First avenue.	Public nuisance.	Complied July 27, 1907.
201	July 12	No. 408 First avenue.	Public nuisance.	Complied July 27, 1907.
202	July 12	No. 408 First avenue.	Public nuisance.	Complied July 31, 1907.
203	July 12	No. 514 Second avenue.	Public nuisance.	Complied July 22, 1907.
204	July 12	No. 250 East Forty-third street.	Public nuisance.	Complied July 24, 1907.
205	July 12	No. 227 East One Hundred and Sixth street.	Public nuisance.	Complied August 3, 1907.
206	July 12	Sulzer's Harlem River Park, One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets and Second avenue.	Defective construction.	Complied November 22, 1907.
207	July 12	No. 633 First avenue.	Public nuisance.	Complied July 24, 1907.
208	July 12	No. 661 First avenue.	Public nuisance.	Complied July 23, 1907.
209	July 12	No. 691 First avenue.	Public nuisance.	Complied July 18, 1907.
210	July 12	No. 201 East One Hundred and Tenth street.	Public nuisance.	Complied September 16, 1907.
211	July 24	No. 183 East One Hundred and Fourth street.	Public nuisance.	Complied July 27, 1907.
212	July 24	No. 530 First avenue.	Public nuisance.	Complied August 10, 1907.
213	July 24	No. 1846 Second avenue.	Public nuisance.	Complied August 5, 1907.
214	July 24	No. 1891 Third avenue.	Public nuisance.	Complied July 27, 1907.
215	July 24	No. 222 East Ninety-eighth street.	Public nuisance.	Complied July 26, 1907.
216	July 24	No. 231 East One Hundred and Fifth street.	Public nuisance.	Complied July 27, 1907.
217	July 24	No. 252 East One Hundred and Fifth street.	Public nuisance.	Complied July 27, 1907.
218	July 24	No. 126 Washington place.	Defective plumbing.	Complied August 29, 1907.
219	July 24	No. 207 East One Hundred and Sixth street.	Public nuisance.	Complied July 27, 1907.
220	July 24	No. 385 Second avenue.	Public nuisance.	Complied September 14, 1907.
221	July 24	No. 527 First avenue.	Public nuisance.	Complied August 6, 1907.
222	July 24	No. 555 First avenue.	Public nuisance.	Complied August 16, 1907.
223	July 24	No. 532 First avenue.	Public nuisance.	Complied August 10, 1907.
224	July 24	Nos. 243 and 245 East One Hundredth street.	Public nuisance.	Complied August 15, 1907.
225	July 24	No. 42 Nassau street.	Public nuisance.	Complied August 16, 1907.
226	July 24	No. 45 West One Hundred and Twenty-fifth street.	Public nuisance.	Complied October 1, 1907.
227	July 31	No. 222 East Twenty-sixth street.	Defective plumbing.	Complied August 6, 1907.
228	July 31	No. 316 East One Hundred and Fourth street.	Public nuisance.	Complied August 6, 1907.
229	July 31	Nos. 304 and 306 West Forty-ninth street.	Public nuisance.	Complied October 9, 1907.
230	July 31	No. 1885 First avenue.	Public nuisance.	Complied August 3, 1907.
231	July 31	No. 215 Third avenue.	Defective plumbing.	Complied October 7, 1907.
232	July 31	No. 1774 Second avenue.	Public nuisance.	Complied August 8, 1907.
233	July 31	No. 1824 Second avenue.	Public nuisance.	Complied August 6, 1907.
234	Aug. 7	No. 509 East Sixteenth street.	Public nuisance.	Complied September 9, 1907.
235	Aug. 7	No. 28 East One Hundred and Thirty-fourth street.	Public nuisance.	Complied September 18, 1907.
236	Aug. 7	No. 2164 Eighth avenue.	Public nuisance.	Complied August 9, 1907.
237	Aug. 7	No. 1903 Second avenue.	Public nuisance.	Complied August 20, 1907.
238	Aug. 7	No. 303 East One Hundred and Eleventh street.	Public nuisance.	Complied August 12, 1907.
239	Aug. 7	No. 217 East One Hundred and Twelfth street.	Public nuisance.	Complied August 21, 1907.
240	Aug. 7	No. 302 East One Hundred and Sixteenth street.	Public nuisance.	Complied October 1, 1907.
241	Aug. 7	No. 283 West One Hundred and Twenty-seventh street.	Public nuisance.	Complied August 12, 1907.
242	Aug. 7	No. 1748 First avenue.	Public nuisance.	Complied August 13, 1907.
243	Aug. 7	No. 127 Seventh avenue.	Public nuisance.	Complied August 13, 1907.
244	Aug. 7	No. 2358 Eighth avenue.	Public nuisance.	Complied August 9, 1907.
245	Aug. 14	No. 209 Bronx street.	Nuisance.	Complied August 28, 1907.
246	Aug. 14	No. 80 Cherry street.	Nuisance.	Complied October 15, 1907.
247	Aug. 21	No. 102 Pearl street.	Defective drainage.	Complied September 20, 1907.
248	Aug. 14	No. 317 East One Hundred and Eleventh street.	Public nuisance.	Complied August 21, 1907.
249	Aug. 14	No. 240 Avenue B.	Public nuisance.	Complied September 9, 1907.
250	Aug. 14	No. 23 Amsterdam avenue.	Public nuisance.	Complied August 30, 1907.
251	Aug. 14	No. 75 Amsterdam avenue.	Public nuisance.	Complied August 30, 1907.

No.	Date.	Location.	Cause.	Result.
252	Aug. 14	No. 184 Grand street.	Public nuisance.	Complied September 19, 1907.
253	Aug. 14	No. 345 East Ninety-second street.	Public nuisance.	Complied August 18, 1907.
254	Aug. 14	No. 460 West Fifty-second street.	Public nuisance.	Complied August 30, 1907.
255	Aug. 14	No. 1999 Second avenue.	Public nuisance.	Complied August 28, 1907.
256	Aug. 14	No. 1992 Second avenue.	Public nuisance.	Complied August 30, 1907.
257	Aug. 14	No. 830 Seventh avenue.	Public nuisance.	Complied August 17, 1907.
258	Aug. 14	No. 614 Ninth avenue.	Public nuisance.	Complied August 17, 1907.
259	Aug. 14	No. 883 Tenth avenue.	Public nuisance.	Complied August 21, 1907.
260	Aug. 14	No. 863 Tenth avenue.	Public nuisance.	Complied August 21, 1907.
261	Aug. 14	No. 36 Lexington avenue.	Public nuisance.	Complied September 26, 1907.
262	Aug. 14	No. 476 Seventh avenue.	Public nuisance.	Complied August 17, 1907.
263	Aug. 21	No. 688 Eleventh avenue.	Public nuisance.	Complied September 4, 1907.
264	Aug. 21	No. 669 Eleventh avenue.	Public nuisance.	Complied August 23, 1907.
265	Aug. 21	No. 678 Eleventh avenue.	Public nuisance.	Complied August 28, 1907.
266	Aug. 21	No. 638 Eleventh avenue.	Public nuisance.	Complied September 12, 1907.
267	Aug. 21	No. 22 Broome street.	Public nuisance.	Complied September 6, 1907.
268	Aug. 21	No. 336 West Forty-second street.	Public nuisance.	Complied September 17, 1907.
269	Aug. 21	No. 503 West Fifty-second street.	Public nuisance.	Complied September 15, 1907.
270	Aug. 21	No. 791 Ninth avenue.	Public nuisance.	Complied September 4, 1907.
271	Aug. 21	No. 526 Eighth avenue.	Public nuisance.	Complied August 27, 1907.
272	Aug. 21	No. 809 Ninth avenue.	Public nuisance.	Complied August 23, 1907.
273	Aug. 21	No. 153 West Fifty-first street.	Public nuisance.	Complied September 5, 1907.
274	Aug. 21	No. 100 Suffolk street.	Public nuisance.	Complied August 28, 1907.
275	Aug. 21	No. 776 Seventh avenue.	Public nuisance.	Complied September 5, 1907.
276	Aug. 21	No. 826 Ninth avenue.	Public nuisance.	Complied September 19, 1907.
277	Aug. 21	No. 1332 Amsterdam avenue.	Public nuisance.	Complied September 3, 1907.
278	Aug. 21	No. 845 Ninth avenue.	Public nuisance.	Complied September 10, 1907.
279	Aug. 21	No. 983 Columbus avenue.	Public nuisance.	Complied August 31, 1907.
280	Aug. 21	No. 716 Ninth avenue.	Public nuisance.	Complied September 4, 1907.
281	Aug. 21	No. 406 West Forty-ninth street.	Public nuisance.	Complied August 30, 1907.
282	Aug. 21	No. 487 Tenth avenue.	Public nuisance.	Complied August 23, 1907.
283	Aug. 21	No. 645 East Ninth street.	Public nuisance.	Complied August 28, 1907.
284	Aug. 21	No. 5137 Madison avenue.	Public nuisance.	Complied September 3, 1907.
285	Aug. 21	No. 440 Tenth avenue.	Public nuisance.	Complied August 24, 1907.
286	Aug. 21	No. 471 One Hundred and Fiftieth street.	Nuisance.	Complied October 18, 1907.
287	Aug. 21	No. 494 Pearl street.	Nuisance.	Complied September 18, 1907.
288	Aug. 21	No. 477 Seventh avenue.	Defective plumbing.	Complied September 29, 1907.
289	Aug. 21	No. 109 West Twenty-seventh street.	Defective plumbing.	Complied August 31, 1907.
290	Aug. 21	No. 515 West One Hundred and Sixty-seventh street.	Nuisance.	Complied August 27, 1907.
291	Aug. 21	No. 65 Montgomery street.	Defective plumbing.	Complied August 26, 1907.
292	Aug. 21	No. 417 West Forty-first street.	Public nuisance.	Complied August 23, 1907.
293	Aug. 21	West One Hundred and Sixty-eighth street and Broadway.	Public nuisance.	Complied September 18, 1907.
294	Aug. 21	No. 2126 Second avenue.	Public nuisance.	Complied August 27, 1907.
295	Aug. 21	No. 250 West Forty-first street.	Public nuisance.	Complied September 9, 1907.
296	Aug. 21	Nos. 1957 and 1959 First avenue.	Public nuisance.	Complied August 24, 1907.
297	Aug. 21	No. 208 West Thirty-fifth street.	Public nuisance.	Complied September 14, 1907.
298	Aug. 21	No. 2047 First avenue.	Public nuisance.	Complied August 28, 1907.
299	Aug. 21	No. 2134 First avenue.	Public nuisance.	Complied September 7, 1907.
300	Aug. 21	No. 2135 Second avenue.	Public nuisance.	Complied August 24, 1907.
301	Aug. 28	West side of Eighth avenue, between One Hundred and Fifty-seventh and One Hundred and Fifty-ninth streets.	Public nuisance.	Complied September 14, 1907.
302	Aug. 28	No. 2016 Second avenue.	Public nuisance.	Complied September 5, 1907.
303	Aug. 28	No. 326 East One Hundred and Ninth street.	Public nuisance.	Complied September 5, 1907.
304	Aug. 28	No. 502 East Fourteenth street.	Public nuisance.	Complied September 9, 1907.
305	Aug. 28	No. 1665 Third avenue.	Public nuisance.	Complied September 4, 1907.
306	Aug. 28	No. 947 Columbus avenue.	Public nuisance.	Complied August 31, 1907.
307	Aug. 28	No. 237 West Forty-sixth street.	Public nuisance.	Complied September 4, 1907.
308	Aug. 28	No. 982 Columbus avenue.	Public nuisance.	Complied September 4, 1907.
309	Aug. 28	No. 2060 Eighth avenue.	Public nuisance.	Complied September 7, 1907.
310	Aug. 28	No. 28 East One Hundred and Fifth street.	Public nuisance.	Complied August 31, 1907.
311	Aug. 28	No. 86 East One Hundred and Second street.	Public nuisance.	Complied September 7, 1907.
312	Aug. 28	No. 75 East One Hundred and First street.	Public nuisance.	Complied September 5, 1907.
313	Aug. 28	No. 330 East One Hundred and Ninth street.	Public nuisance.	Complied September 5, 1907.
314	Aug. 28	No. 308 East One Hundred and Ninth street.	Public nuisance.	Complied September 5, 1907.
315	Aug. 28	No. 210 East Eighty-second street.	Defective drainage.	Complied September 17, 1907.
316	Aug. 28	No. 8 Wooster street.	Defective drainage and plumbing.	Complied November 27, 1907.
317	Aug. 28	No. 215 Front street.	Nuisance.	Complied September 4, 1907.
318	Aug. 28	No. 14 Dover street.	Defective drainage and plumbing.	Complied September 29, 1907.
319	Aug. 28	No. 43 West Thirty-fourth street.	Defective drainage and plumbing.	Complied October 1, 1907.
320	Aug. 28	No. 345 East Twenty-fourth street.	Public nuisance.	Complied September 15, 1907.
321	Aug. 28	No. 312 East Seventy-eighth street.	Public nuisance.	Complied August 29, 1907.
322	Sept. 4	Nos. 128 and 130 Broome street.	Public nuisance.	Complied September 11, 1907.
323	Sept. 4	No. 223 Hudson street.	Public nuisance.	Complied September 13, 1907.
324	Sept. 4	No. 509 Ninth avenue.	Public nuisance.	Complied September 9, 1907.
325	Sept. 4	No. 203 Spring street.	Public nuisance.	Complied September 18, 1907.
326	Sept. 4	No. 63 Sullivan street.	Public nuisance.	Complied September 17, 1907.
327	Sept. 4	No. 139 Sullivan street.	Public nuisance.	Complied September 16, 1907.
328	Sept. 4	No. 326 East Thirty-ninth street.	Public nuisance.	Complied September 24, 1907.
329	Sept. 4	No. 209 East Eighty-first street.	Public nuisance.	Complied September 7, 1907.
330	Sept. 4	No. 299 East Seventy-third street.	Public nuisance.	Complied September 11, 1907.
331	Sept. 4	No. 81 Walker street.	Defective drainage.	Complied September 13, 1907.
332	Sept. 4	No. 107 Norfolk street.	Public nuisance.	Complied September 11, 1907.

No.	Date.	Location.	Cause.	Result.
333	Sept. 4	No. 35 Spring street.	Public nuisance.	Complied October 18, 1907.
334	Sept. 4	No. 122 Norfolk street.	Public nuisance.	Complied September 30, 1907.
335	Sept. 4	No. 317 West Forty-sixth street.	Defective drainage.	Work progressing.
336	Sept. 4	No. 340 West Forty-first street.	Public nuisance.	Complied September 9, 1907.
337	Sept. 4	No. 354 Rivington street.	Public nuisance.	Complied September 17, 1907.
338	Sept. 4	No. 94 Pitt street.	Public nuisance.	Complied September 11, 1907.
339	Sept. 4	No. 66 East One Hundred and Third street.	Public nuisance.	Complied September 18, 1907.
340	Sept. 4	No. 51 Thompson street.	Public nuisance.	Complied September 17, 1907.
341	Sept. 4	No. 87 Suffolk street.	Public nuisance.	Complied September 17, 1907.
342	Sept. 4	No. 345 East Sixteenth street.	Public nuisance.	Complied September 17, 1907.
343	Sept. 4	No. 72 Bowery.	Public nuisance.	Complied September 14, 1907.
344	Sept. 18	No. 1413 Amsterdam avenue.	Public nuisance.	Complied September 23, 1907.
345	Sept. 18	No. 57 Beach street.	Public nuisance.	Complied October 15, 1907.
346	Sept. 18	No. 370 Broome street.	Public nuisance.	Complied October 7, 1907.
347	Sept. 18	No. 516 Canal street.	Public nuisance.	Complied October 8, 1907.
348	Sept. 18	No. 124 Cedar street.	Public nuisance.	Complied September 29, 1907.
349	Sept. 18	No. 199 Chambers street.	Public nuisance.	Complied September 29, 1907.
350	Sept. 18	No. 492 Tenth avenue.	Public nuisance.	Complied September 26, 1907.
351	Sept. 18	No. 71 Thompson street.	Public nuisance.	Complied October 8, 1907.
352	Sept. 18	No. 179 East Ninety-sixth street.	Public nuisance.	Complied September 20, 1907.
353	Sept. 18	No. 262 East One Hundred and Fourth street.	Public nuisance.	Complied September 24, 1907.
354	Sept. 18	No. 247 East One Hundred and Fourth street.	Public nuisance.	Complied October 15, 1907.
355	Sept. 18	No. 249 East One Hundred and Eighth street.	Public nuisance.	Complied October 7, 1907.
356	Sept. 18	No. 199 East One Hundred and Ninth street.	Public nuisance.	Complied September 26, 1907.
357	Sept. 18	No. 359 East One Hundred and Twelfth street.	Public nuisance.	Complied October 19, 1907.
358	Sept. 18	No. 5 Washington street.	Public nuisance.	Complied October 13, 1907.
359	Sept. 18	No. 321 East One Hundred and Seventeenth street.	Public nuisance.	Complied September 29, 1907.
360	Sept. 18	No. 894 Eighth avenue.	Public nuisance.	Complied September 26, 1907.
361	Sept. 18	No. 2268 Eighth avenue.	Public nuisance.	Complied September 29, 1907.
362	Sept. 18	No. 154 Forsyth street.	Public nuisance.	Complied September 25, 1907.
363	Sept. 18	No. 104 Franklin street.	Public nuisance.	Complied October 7, 1907.
364	Sept. 18	No. 47 Grand street.	Public nuisance.	Complied September 26, 1907.
365	Sept. 18	No. 235 Lafayette street.	Public nuisance.	Complied October 15, 1907.
366	Sept. 18	No. 97 Suffolk street.	Public nuisance.	Complied September 26, 1907.
367	Sept. 18	No. 177 Tenth avenue.	Public nuisance.	Complied September 25, 1907.
368	Sept. 18	No. 2 Cleveland place.	Public nuisance.	Complied October 7, 1907.
369	Sept. 18	No. 31 Cleveland place.	Public nuisance.	Complied October 9, 1907.
370	Sept. 25	No. 1567 Madison avenue.	Public nuisance.	Complied October 1, 1907.
371	Sept. 25	No. 185 Mulberry street.	Public nuisance.	Complied October 7, 1907.
372	Sept. 25	No. 1691 Third avenue.	Public nuisance.	Complied September 30, 1907.
373	Sept. 25	No. 641 East Ninth street.	Public nuisance.	Complied October 15, 1907.
374	Sept. 25	No. 235 East Thirty-third street.	Public nuisance.	Complied October 7, 1907.
375	Sept. 25	No. 177 East Ninetieth street.	Public nuisance.	Complied October 2, 1907.
376	Sept. 25	No. 180 East One Hundred and Second street.	Public nuisance.	Complied October 15, 1907.
377	Sept. 25	No. 333 East One Hundred and Sixth street.	Public nuisance.	Complied October 1, 1907.
378	Sept. 25	No. 182 East One Hundred and Twenty-third street.	Public nuisance.	Complied October 9, 1907.
379	Sept. 25	No. 52 Water street.	Nuisance.	Complied October 18, 1907.
380	Oct. 9	No. 190 Lewis street.	Public nuisance.	Complied October 18, 1907.
381	Oct. 9	No. 1917 Third avenue.	Public nuisance.	Complied October 13, 1907.
382	Oct. 9	No. 280 Washington street.	Public nuisance.	Complied October 15, 1907.
383	Oct. 9	No. 337 East Forty-seventh street.	Public nuisance.	Complied November 6, 1907.
384	Oct. 9	No. 104 East One Hundred and Nineteenth street.	Public nuisance.	Complied October 19, 1907.
385	Oct. 9	No. 101 East One Hundred and Twenty-ninth street.	Public nuisance.	Complied October 18, 1907.
386	Oct. 9	No. 184 West Tenth street.	Public nuisance.	Complied October 28, 1907.
387	Oct. 9	No. 431 West Forty-eighth street.	Public nuisance.	Complied October 15, 1907.
388	Oct. 16	No. 12 Manhattan street.	Public nuisance.	Complied October 21, 1907.
389	Oct. 16	No. 134 Third street.	Public nuisance.	Complied November 19, 1907.
390	Oct. 16	No. 143 Grand street.	Public nuisance.	Complied October 21, 1907.
391	Oct. 16	No. 139 Grand street.	Public nuisance.	Complied October 21, 1907.
392	Oct. 16	No. 178 East One Hundred and Thirtieth street.	Public nuisance.	Complied November 6, 1907.
393	Oct. 16	No. 161 West Fifty-first street.	Public nuisance.	Complied November 6, 1907.
394	Oct. 16	No. 24 Monroe street.	Public nuisance.	Complied October 25, 1907.
395	Oct. 16	No. 47 Market street.	Public nuisance.	Complied October 28, 1907.
396	Oct. 23	Nos. 170 and 172 East One Hundred and Twenty-third street.	Public nuisance.	Complied November 20, 1907.
397	Oct. 23	No. 28 Monroe street.	Public nuisance.	Complied November 8, 1907.
398	Oct. 23	No. 29 Monroe street.	Public nuisance.	Complied November 8, 1907.
399	Oct. 23	No. 28 West Houston street.	Nuisance.	Complied October 29, 1907.
400	Oct. 30	No. 394 East Eleventh street.	Public nuisance.	Complied November 18, 1907.
401	Oct. 30	No. 318 East Eleventh street.	Public nuisance.	Complied November 8, 1907.
402	Oct. 30	No. 90 Oliver street.	Defective plumbing and drainage.	Complied December 12, 1907.
403	Oct. 30	No. 98 Oliver street.	Defective plumbing and drainage.	Complied December 12, 1907.
404	Oct. 30	No. 633 1/2 Hudson street.	Defective plumbing.	Complied November 19, 1907.
405	Nov. 6	No. 124 East Broadway.	Defective plumbing.	Complied November 27, 1907.
406	Nov. 6	No. 242 East One Hundred and Sixteenth street.	Public nuisance.	Complied November 24, 1907.
407	Nov. 6	No. 307 East Eleventh street.	Public nuisance.	Complied November 13, 1907.
408	Nov. 6	No. 363 Eleventh avenue.	Public nuisance.	Complied November 12, 1907.
409	Nov. 6	No. 2997 Second avenue.	Public nuisance.	Complied November 19, 1907.
410	Nov. 6	No. 373 Washington street.	Public nuisance.	Complied December 3, 1907.
411	Nov. 6	No. 74 West street.	Public nuisance.	Complied November 15, 1907.
412	Nov. 6	No. 364 Broome street.	Nuisance.	Complied December 7, 1907.
413	Nov. 20	No. 150 Clinton street.	Public nuisance.	Complied December 9, 1907.

No.	Date.	Location.	Cause.	Result.
414	Nov. 20	No. 465 West Forty-second street.	Public nuisance.	Complied December 4, 1907.
415	Nov. 20	No. 123 Baxter street.	Public nuisance.	Complied December 26, 1907.
416	Nov. 20	No. 42 Delancey street.	Public nuisance.	Complied November 27, 1907.
417	Nov. 20	No. 106 Delancey street.	Public nuisance.	Complied November 27, 1907.
418	Nov. 20	No. 160 Delancey street.	Public nuisance.	Complied November 27, 1907.
419	Nov. 20	No. 172 Delancey street.	Public nuisance.	Complied November 27, 1907.
420	Nov. 20	No. 192 Delancey street.	Public nuisance.	Complied December 3, 1907.
421	Nov. 20	No. 66 Forsyth street.	Public nuisance.	Complied December 13, 1907.
422	Nov. 20	No. 104 Forsyth street.	Public nuisance.	Complied December 2, 1907.
423	Nov. 20	No. 168 Forsyth street.	Public nuisance.	Complied December 3, 1907.
424	Nov. 20	No. 422 Cherry street.	Defective plumbing and drainage.	50 per cent. of order complied with.
425	Nov. 20	No. 406 Canal street.	Public nuisance.	Complied December 3, 1907.
426	Nov. 20	No. 35 Henry street.	Public nuisance.	Complied November 27, 1907.
427	Nov. 20	No. 186 Hester street.	Public nuisance.	Complied November 27, 1907.
428	Nov. 20	No. 324 East Fifty-fourth street.	Public nuisance.	Complied December 5, 1907.
429	Nov. 20	No. 17 West Forty-second street.	Defective plumbing and drainage.	Complied December 30, 1907.
430	Nov. 20	No. 21 West Forty-second street.	Defective plumbing and drainage.	Complied December 27, 1907.
431	Nov. 20	No. 502 West Forty-fourth street.	Public nuisance.	Complied December 4, 1907.
432	Nov. 20	No. 168 West End avenue.	Public nuisance.	Complied November 27, 1907.
433	Nov. 20	No. 67 Market street.	Public nuisance.	Complied December 24, 1907.
434	Nov. 20	No. 593 Amsterdam avenue.	Public nuisance.	Complied November 27, 1907.
435	Nov. 27	Nos. 246 and 248 Cherry street.	Defective plumbing.	Complied December 14, 1907.
436	Nov. 27	No. 103 Bowery.	Public nuisance.	Complied December 9, 1907.
437	Nov. 27	No. 139 Chrystie street.	Public nuisance.	Complied December 13, 1907.
438	Nov. 27	No. 8 Delancey street.	Public nuisance.	Complied December 9, 1907.
439	Nov. 27	No. 143 West Houston street.	Public nuisance.	Complied December 13, 1907.
440	Nov. 27	No. 170 West Houston street.	Public nuisance.	Complied December 27, 1907.
441	Nov. 27	No. 220 West Houston street.	Public nuisance.	Complied December 18, 1907.
442	Nov. 27	No. 146 Spring street.	Public nuisance.	Complied December 9, 1907.
443	Nov. 27	No. 26 Madison street.	Public nuisance.	Complied December 4, 1907.
444	Dec. 5	No. 2 Hamilton street.	Public nuisance.	Complied December 24, 1907.
445	Dec. 5	No. 103 Hester street.	Public nuisance.	Complied December 9, 1907.
446	Dec. 5	No. 6 Laurence street.	Public nuisance.	Complied December 26, 1907.
447	Dec. 5	No. 368 West One Hundred and Twenty-sixth street.	Public nuisance.	Complied December 33, 1907.
448	Dec. 5	Nos. 156 and 158 East Fifty-seventh street.	Public nuisance.	Complied December 18, 1907.
449	Dec. 11	No. 356 West Thirty-eighth street.	Public nuisance.	Complied December 26, 1907.
450	Dec. 11	No. 252 West Forty-seventh street.	Public nuisance.	Complied December 18, 1907.
451	Dec. 11	No. 75 Allen street.	Public nuisance.	Complied December 18, 1907.
452	Dec. 11	No. 37 Montgomery street.	Public nuisance.	Complied December 17, 1907.
453	Dec. 11	No. 94 Allen street.	Public nuisance.	Complied December 16, 1907.
454	Dec. 11	No. 51 East Houston street.	Public nuisance.	Complied December 27, 1907.
455	Dec. 11	No. 66 Gouverneur street.	Public nuisance.	Work progressing.
456	Dec. 11	No. 1206 Second avenue.	Public nuisance.	Complied December 17, 1907.
457	Dec. 11	No. 201 East Sixty-seventh street.	Public nuisance.	Complied December 17, 1907.
458	Dec. 11	No. 81 Bowery.	Public nuisance.	Work progressing.
459	Dec. 11	No. 1227 First avenue.	Public nuisance.	Complied December 27, 1907.
460	Dec. 11	No. 1024 First avenue.	Public nuisance.	Complied December 27, 1907.
461	Dec. 11	No. 1343 First avenue.	Public nuisance.	Complied December 17, 1907.
462	Dec. 18	No. 307 West Fortieth street.	Public nuisance.	Not complied with.
463	Dec. 18	No. 47 Allen street.	Public nuisance.	Complied December 26, 1907.
464	Dec. 18	No. 85 Attorney street.	Public nuisance.	Work progressing.
465	Dec. 18	No. 84 Catharine street.	Public nuisance.	Complied December 26, 1907.
466	Dec. 18	No. 172 Clinton street.	Public nuisance.	Work progressing.
467	Dec. 18	No. 187 Clinton street.	Public nuisance.	Complied December 26, 1907.
468	Dec. 18	No. 284 Elizabeth street.	Public nuisance.	Work progressing.
469	Dec. 18	No. 3 Essex street.	Public nuisance.	Work progressing.
470	Dec. 18	No. 1267 First avenue.	Public nuisance.	Complied December 27, 1907.
471	Dec. 18	No. 340 Fourth avenue.	Public nuisance.	Not complied with.
472	Dec. 18	No. 27 Madison street.	Public nuisance.	Work progressing.
473	Dec. 18	No. 53 Orchard street.	Public nuisance.	Complied December 26, 1907.
474	Dec. 18	No. 102 St. Marks place.	Public nuisance.	Complied December 24, 1907.
475	Dec. 18	No. 235 Third avenue.	Public nuisance.	Work progressing.
476	Dec. 18	No. 436 West Thirty-seventh street.	Public nuisance.	Complied December 26, 1907.
477	Dec. 18	No. 143 Hester street.	Public nuisance.	Work progressing.
478	Dec. 18	No. 1060 Second avenue.	Public nuisance.	Complied December 27, 1907.
479	Dec. 21	No. 356 1/2 West Thirty-seventh street.	Public nuisance.	Work progressing.
480	Dec. 23	No. 31 Allen street.	Public nuisance.	Complied December 31, 1907.
481	Dec. 23	No. 283 Bowker street.	Public nuisance.	Work progressing.
482	Dec. 23	No. 200 Clinton street.	Public nuisance.	Work progressing.
483	Dec. 23	No. 152 Park row.	Public nuisance.	Complied December 21, 1907.
484	Dec. 23	No. 174 Park row.	Public nuisance.	Work progressing.
485	Dec. 23	No. 180 Park row.	Public nuisance.	Work progressing.
486	Dec. 23	No. 264 East Fourth street.	Public nuisance.	Complied December 31, 1907.
487	Dec. 23	No. 503 West Forty-first street.	Public nuisance.	Work progressing.
488	Dec. 23	No. 138 Charlton street.	Public nuisance.	Work progressing.
489	Dec. 23	No. 168 Delancey street.	Public nuisance.	Work progressing.
490	Dec. 31	No. 496 Seventh avenue.	Public nuisance.	Not complied with.
491	Dec. 31	No. 4 Chatham square.	Public nuisance.	Work progressing.
492	Dec. 31	No. 800 Lexington avenue.	Defective drainage.	Work progressing.

BOROUGH OF BROOKLYN.

No.	Date.	Location.	Cause.	Result.
1	Jan. 16	Nos. 92 and 94 Junius street.	Public nuisance.	Complied December 27, 1907.
2	Jan. 16	No. 793 Atlantic avenue.	Public nuisance.	Complied May 13, 1907.
3	Jan. 16	No. 482 St. Johns place.	Defective drainage.	Complied January 29, 1907.
4	Jan. 16	No. 213 Richardson street.	Defective plumbing.	Complied April 8, 1907.
5	Jan. 16	No. 452 Grand street.	Defective drainage and plumbing.	Complied February 6, 1907.
6	Feb. 20	Nos. 144 and 146 Thirty-sixth street.	Public nuisance.	Complied November 11, 1907.
7	Feb. 20	No. 6 Halleck street.	Public nuisance.	Complied November 2, 1907.
8	Feb. 20	No. 764 Centre street.	Public nuisance.	Complied October 28, 1907.
9	Mar. 6	No. 466½ Seventh avenue.	Defective drainage.	Complied April 11, 1907.
10	Mar. 20	No. 17 Columbia Heights.	Defective drainage.	Complied June 4, 1907.
11	Mar. 20	Northeast corner Rutland road and East Ninety-third street.	Public nuisance.	Complied May 27, 1907.
12	Mar. 20	West side Rochester avenue, 200 feet south of East New York avenue.	Public nuisance.	Complied August 13, 1907.
13	Apr. 10	No. 64 Reil avenue.	Defective plumbing.	Complied May 2, 1907.
14	Apr. 10	No. 78 Lorimer street.	Defective plumbing.	Complied April 30, 1907.
15	Apr. 10	No. 133 Bayard street.	Public nuisance and defective plumbing.	Complied June 4, 1907.
16	May 2	No. 176 Woodbine street.	Defective drainage.	Complied June 28, 1907.
17	May 7	No. 56 Middagh street.	Defective drainage.	Complied December 13, 1907.
18	May 7	No. 293 Clifton place.	Public nuisance.	Complied June 24, 1907.
19	May 7	No. 1717 Atlantic avenue.	Public nuisance.	Vacated December 27, 1907.
20	May 7	No. 113 Greene street (front).	Defective drainage.	Complied June 15, 1907.
21	May 7	No. 133 Greene street (rear).	Public nuisance.	Complied June 14, 1907.
22	May 7	No. 101 Butler street (front).	Defective drainage.	Complied October 5, 1907.
23	May 7	No. 101 Butler street (rear).	Defective drainage.	Complied October 5, 1907.
24	May 7	No. 328 Gates avenue.	Public nuisance.	Complied June 11, 1907.
25	May 7	No. 375 Baltic street.	Defective drainage.	Vacated December 27, 1907.
26	May 13	No. 25 Hineckley place.	Public nuisance.	Complied September 27, 1907.
27	May 13	No. 27 Hineckley place.	Public nuisance.	Complied September 27, 1907.
28	May 13	No. 101 Atlantic avenue.	Defective plumbing.	Complied July 27, 1907.
29	May 13	No. 47 Bridge street.	Defective drainage.	Complied August 3, 1907.
30	May 20	No. 387 South Fifth street (front).	Defective drainage.	Complied June 12, 1907.
31	May 20	No. 387 South Fifth street (rear).	Defective drainage.	Complied June 12, 1907.
32	May 20	No. 689 Atlantic avenue.	Defective plumbing.	Complied October 14, 1907.
33	May 20	No. 74 Sands street.	Defective plumbing.	Complied August 12, 1907.
34	May 20	No. 1072 Fulton street.	Defective plumbing.	Complied August 6, 1907.
35	May 28	Nos. 250 to 254 Bedford avenue.	Defective drainage.	Complied June 22, 1907.
36	May 28	No. 177 Eagle street (front).	Defective drainage.	Complied July 16, 1907.
37	May 28	No. 177 Eagle street (rear).	Defective drainage.	Complied July 16, 1907.
38	May 28	No. 218 South Fourth street.	Defective drainage.	Complied September 6, 1907.
39	May 28	No. 783 Atlantic avenue.	Defective drainage.	Complied June 12, 1907.
40	May 28	No. 420 Wallabout street.	Defective drainage.	Complied July 15, 1907.
41	June 12	No. 1621 Sixtieth street.	Defective drainage.	Complied June 26, 1907.
42	June 12	East side West Twenty-sixth street, two houses south of Railroad avenue.	Defective drainage.	Complied June 28, 1907.
43	June 12	No. 2324 West Second street.	Defective drainage.	Complied July 8, 1907.
44	June 12	No. 116 Walworth street.	Defective drainage.	Work progressing.
45	June 12	No. 91 Prospect street.	Defective plumbing.	80 per cent. of work complied with; work progressing.
46	June 12	No. 410 East New York avenue (rear).	Public nuisance.	Complied October 31, 1907.
47	June 12	No. 2845 West Twenty-third street.	Defective drainage.	Complied July 8, 1907.
48	June 12	No. 2848 West Twenty-third street.	Defective drainage.	Complied July 8, 1907.
49	June 12	No. 2870 West Twenty-third street.	Defective drainage.	Complied July 8, 1907.
50	June 12	No. 2872 West Twenty-third street.	Defective drainage.	Complied July 8, 1907.
51	June 12	No. 180 Gates avenue.	Defective drainage.	Complied August 20, 1907.
52	June 19	No. 37 Kent avenue (front).	Defective drainage.	Complied September 3, 1907.
53	June 19	No. 37 Kent avenue (rear).	Defective drainage.	Complied September 3, 1907.
54	June 19	No. 120 Tompkins avenue.	Defective drainage.	Complied October 5, 1907.
55	June 19	No. 150 West street.	Defective drainage.	Vacated July 18, 1907.
56	June 19	Dison place, near York street.	Public nuisance.	Complied September 14, 1907.
57	June 26	No. 129 Schenectady avenue.	Defective drainage.	Complied July 24, 1907.
58	June 26	No. 706 Park place.	Defective drainage.	Complied November 8, 1907.
59	July 12	No. 637 Broadway.	Defective plumbing.	Complied August 8, 1907.
60	July 12	No. 173 Manhattan avenue (front).	Defective drainage.	Complied September 30, 1907.
61	July 12	Nos. 61 and 63 Meserole street.	Defective drainage and plumbing.	Complied August 8, 1907.
62	July 12	No. 113 Leonard street.	Defective drainage.	Vacated September 23, 1907.
63	July 12	Nos. 14 and 16 Dunham place.	Nuisance.	Complied September 16, 1907.
64	July 12	No. 63 Jefferson street (rear).	Public nuisance.	Complied September 16, 1907.
65	July 12	No. 243 Metropolitan avenue, or No. 185 North Third street.	Public nuisance.	Complied October 8, 1907.
66	July 12	No. 360 Baltic street (rear).	Public nuisance.	Complied November 26, 1907.
67	July 12	No. 93 Powell street.	Defective drainage.	Complied September 26, 1907.
68	July 23	No. 519 Hicks street.	Public nuisance.	Complied September 13, 1907.
69	July 24	No. 331 Hicks street.	Public nuisance.	Complied September 21, 1907.
70	July 24	No. 974 Flushing avenue.	Public nuisance.	Complied September 30, 1907.
71	July 24	No. 1084 Flushing avenue.	Public nuisance.	Complied August 14, 1907.
72	July 24	No. 1138 Flushing avenue.	Public nuisance.	Complied August 14, 1907.
73	July 24	No. 26 Boerum place.	Public nuisance.	Complied August 20, 1907.
74	July 24	No. 60 Ryerson street.	Public nuisance.	Complied July 27, 1907.
75	July 24	No. 123 Harrison street.	Public nuisance.	Complied October 9, 1907.
76	July 24	No. 298 Hosper street.	Public nuisance.	Complied October 14, 1907.
77	July 24	No. 163 Court street.	Public nuisance.	Complied October 16, 1907.
78	July 24	No. 256 Jefferson street.	Public nuisance.	Complied September 26, 1907.

No.	Date.	Location.	Cause.	Result.
79	July 24	No. 461 Bushwick avenue.....	Public nuisance.....	Complied August 26, 1907.
80	July 24	No. 329 Evergreen avenue.....	Public nuisance.....	Complied August 14, 1907.
81	July 24	No. 242 York street.....	Public nuisance.....	Complied August 19, 1907.
82	July 24	No. 92 Myrtle avenue.....	Public nuisance.....	Complied August 23, 1907.
83	July 24	No. 212 Knickerbocker avenue.....	Public nuisance.....	Complied August 14, 1907.
84	July 24	No. 39 Hudson avenue.....	Public nuisance.....	Complied August 16, 1907.
85	July 24	No. 215 Hudson avenue.....	Public nuisance.....	Complied October 24, 1907.
86	July 24	No. 238 Hudson avenue.....	Public nuisance.....	Complied August 26, 1907.
87	July 24	No. 293 Hudson avenue.....	Public nuisance.....	Complied August 19, 1907.
88	July 24	Southwest Coney Island avenue and Turner place (rear).....	Public nuisance.....	Complied November 14, 1907.
89	July 24	No. 193 Fleet place.....	Defective drainage.....	Vacant September 25, 1907.
90	July 24	No. 540 Coney Island avenue.....	Defective drainage.....	Complied September 6, 1907.
91	July 24	No. 510 Wythe avenue.....	Defective plumbing.....	Work progressing.
92	July 24	Nos. 1060 and 1062 Willoughby avenue.....	Public nuisance.....	Not complied with.
93	July 24	No. 252 Ocean parkway (rear).....	Public nuisance.....	Vacated August 27, 1907.
94	July 24	No. 149 Metropolitan avenue.....	Public nuisance.....	Complied August 16, 1907.
95	July 24	No. 300 Bedford avenue.....	Public nuisance.....	Complied August 1, 1907.
96	July 24	No. 1911 Broadway.....	Public nuisance.....	Complied October 31, 1907.
97	July 24	No. 1544 Gates avenue.....	Public nuisance.....	Complied August 14, 1907.
98	July 24	No. 1054 Liberty avenue.....	Public nuisance.....	Complied August 9, 1907.
99	July 24	No. 292 Grand street.....	Public nuisance.....	Complied October 22, 1907.
100	July 24	No. 324 Oakland street.....	Public nuisance.....	Complied September 5, 1907.
101	July 24	No. 256 Band street.....	Public nuisance.....	Complied September 17, 1907.
102	July 24	No. 253 Hoyt street.....	Public nuisance.....	Complied August 20, 1907.
103	July 24	No. 203 Roehling street.....	Public nuisance.....	Complied August 16, 1907.
104	July 24	Nos. 243 and 245 South Second street.....	Public nuisance.....	Complied August 17, 1907.
105	July 24	No. 1478 Fulton street.....	Public nuisance.....	Complied September 25, 1907.
106	July 24	No. 95 North Sixth street.....	Public nuisance.....	Complied August 30, 1907.
107	July 24	No. 2507 Atlantic avenue.....	Public nuisance.....	Complied August 21, 1907.
108	July 24	No. 260 Rockaway avenue.....	Public nuisance.....	Complied August 30, 1907.
109	July 24	No. 615 Liberty avenue.....	Public nuisance.....	Complied October 3, 1907.
110	July 24	No. 174 Jamaica avenue.....	Public nuisance.....	Complied August 26, 1907.
111	July 24	No. 169 Park avenue.....	Public nuisance.....	Complied August 27, 1907.
112	July 24	No. 2508 Pitkin avenue.....	Public nuisance.....	Complied August 9, 1907.
113	July 24	No. 745 Flatbush avenue.....	Public nuisance.....	Complied October 1, 1907.
114	July 24	No. 340 Flushing avenue.....	Public nuisance.....	Complied August 17, 1907.
115	July 24	No. 99 Boerum street (rear).....	Public nuisance.....	Complied October 25, 1907.
116	July 24	No. 105 Berry street.....	Public nuisance.....	Complied October 15, 1907.
117	July 24	No. 25 Berry street.....	Public nuisance.....	Complied September 4, 1907.
118	July 24	No. 201 Hamburg avenue.....	Public nuisance.....	Complied July 31, 1907.
119	July 24	No. 282 Hamburg avenue.....	Public nuisance.....	Complied August 14, 1907.
120	July 24	No. 326 Hamburg avenue.....	Public nuisance.....	Complied July 31, 1907.
121	July 24	No. 372 Hamburg avenue.....	Public nuisance.....	Complied August 14, 1907.
122	July 24	West side of East Twenty-eighth street, north of Enmons avenue.....	Defective drainage.....	Complied October 3, 1907.
123	July 24	Southwest corner of Fourth avenue and Twenty-fourth street.....	Defective drainage.....	Work progressing.
124	July 24	No. 122 Havemeyer street.....	Public nuisance.....	Complied October 22, 1907.
125	July 24	No. 354 Grand street.....	Public nuisance.....	Complied August 17, 1907.
126	July 24	No. 329 Glenmore avenue.....	Public nuisance.....	Complied August 24, 1907.
127	July 24	No. 475 Evergreen avenue.....	Public nuisance.....	Complied August 20, 1907.
128	July 24	No. 254 Wyckoff avenue.....	Public nuisance.....	Complied August 25, 1907.
129	July 24	No. 264 Metropolitan avenue.....	Public nuisance.....	Complied August 16, 1907.
130	July 24	No. 635 Metropolitan avenue.....	Public nuisance.....	Complied August 15, 1907.
131	July 24	No. 549 Metropolitan avenue.....	Public nuisance.....	Complied August 15, 1907.
132	July 24	Nos. 37 and 39 Morgan avenue.....	Public nuisance.....	Complied December 31, 1907.
133	July 24	No. 415 Wythe avenue.....	Public nuisance.....	Complied September 7, 1907.
134	July 24	No. 20 South Eighth street.....	Public nuisance.....	Complied August 16, 1907.
135	July 24	No. 82 Broadway.....	Public nuisance.....	Complied August 16, 1907.
136	July 24	No. 45 South Eighth street.....	Public nuisance.....	Complied August 16, 1907.
137	July 24	No. 233 Thirty-seventh street.....	Defective plumbing.....	Complied August 12, 1907.
138	July 24	No. 508 Coney Island avenue (front).....	Defective drainage.....	Complied August 31, 1907.
139	July 24	No. 508 Coney Island avenue (rear).....	Public nuisance.....	Complied August 31, 1907.
140	July 24	No. 1552 Fulton street.....	Public nuisance.....	Complied September 14, 1907.
141	July 24	No. 116 Van Brunt street.....	Public nuisance.....	Complied August 16, 1907.
142	July 24	No. 329 Henry street.....	Public nuisance.....	Complied August 3, 1907.
143	July 24	No. 106 Bedford avenue.....	Public nuisance.....	Complied August 9, 1907.
144	July 24	No. 136 Gold street.....	Public nuisance.....	Complied August 15, 1907.
145	July 24	No. 3 Withers street.....	Public nuisance.....	Complied September 13, 1907.
146	July 24	No. 556 Deiggs avenue.....	Public nuisance.....	Complied August 20, 1907.
147	July 24	No. 9 Withers street.....	Public nuisance.....	Complied September 13, 1907.
148	July 24	No. 112 Wythe avenue.....	Public nuisance.....	Complied August 14, 1907.
149	July 24	No. 2421 Myrtle avenue.....	Public nuisance.....	Complied August 16, 1907.
150	July 24	No. 109 Van Brunt street.....	Public nuisance.....	Complied August 12, 1907.
151	July 24	No. 120 Sackett street.....	Public nuisance.....	Complied August 9, 1907.
152	July 24	No. 259 Kent avenue.....	Public nuisance.....	Complied August 16, 1907.
153	July 24	No. 104 Atlantic avenue.....	Public nuisance.....	Complied August 12, 1907.
154	July 24	No. 151 Central avenue.....	Public nuisance.....	Complied August 14, 1907.
155	July 24	No. 188 Greenpoint avenue.....	Public nuisance.....	Complied August 17, 1907.
156	July 24	No. 216 Bedford avenue.....	Public nuisance.....	Complied August 16, 1907.
157	July 24	No. 284 Grand street.....	Public nuisance.....	Complied August 27, 1907.
158	July 24	No. 127 Gold street.....	Public nuisance.....	Complied November 20, 1907.

No.	Date.	Location.	Cause.	Result.
159	July 24	No. 168 Watkins street.	Public nuisance.	Complied October 9, 1907.
160	July 24	No. 77 Park avenue.	Public nuisance.	Complied September 21, 1907.
161	July 24	No. 207 Bedford avenue.	Public nuisance.	Complied August 9, 1907.
162	July 24	No. 111 Osborn street.	Public nuisance.	Complied August 23, 1907.
163	July 24	No. 316 Stone street.	Public nuisance.	Complied September 4, 1907.
164	July 24	No. 189 Gold street.	Public nuisance.	Complied August 26, 1907.
165	July 24	No. 282 Sariman street.	Public nuisance.	Complied December 5, 1907.
166	July 31	No. 178 Navy street.	Public nuisance.	Complied October 15, 1907.
167	July 31	No. 3 Eldert street.	Public nuisance.	Complied August 28, 1907.
168	July 31	No. 145 Union street.	Public nuisance.	Complied August 27, 1907.
169	July 31	No. 321 Liberty avenue.	Public nuisance.	Complied August 26, 1907.
170	July 31	No. 158 Bedford avenue.	Public nuisance.	Complied August 10, 1907.
171	July 31	No. 127 Kent avenue.	Public nuisance.	Complied September 6, 1907.
172	July 31	No. 192 Wythe avenue.	Public nuisance.	Complied August 10, 1907.
173	July 31	No. 1391 Macle avenue.	Public nuisance.	Complied August 27, 1907.
174	July 31	No. 264 Atlantic avenue.	Public nuisance.	Complied October 5, 1907.
175	July 31	No. 23 Hamburg avenue.	Public nuisance.	Complied August 28, 1907.
176	July 31	No. 412 Warren street.	Public nuisance.	Complied September 24, 1907.
177	July 31	No. 334 Third avenue.	Public nuisance.	Complied August 26, 1907.
178	July 31	No. 89 Nelson street.	Public nuisance.	Complied September 17, 1907.
179	July 31	No. 199 Tillary street.	Public nuisance.	Complied September 19, 1907.
180	July 31	No. 156 Sackett street.	Public nuisance.	Complied August 14, 1907.
181	July 31	No. 311 Smith street.	Public nuisance.	Complied August 9, 1907.
182	July 31	No. 202 South Fourth street.	Public nuisance.	Complied September 18, 1907.
183	July 31	No. 674 Third avenue.	Public nuisance.	Complied August 22, 1907.
184	July 31	No. 865 Third avenue.	Public nuisance.	Complied August 22, 1907.
185	July 31	No. 806 Fifth avenue.	Public nuisance.	Complied August 22, 1907.
186	July 31	No. 595 Fourth avenue.	Public nuisance.	Complied August 16, 1907.
187	July 31	No. 748 Third avenue.	Public nuisance.	Complied August 16, 1907.
188	July 31	No. 77 Wynne street.	Public nuisance.	Complied August 8, 1907.
189	July 31	No. 214 Wyckoff avenue.	Public nuisance.	Complied August 15, 1907.
190	July 31	No. 1926 Manhattan avenue.	Public nuisance.	Complied August 25, 1907.
191	July 31	No. 223 Columbia street.	Public nuisance.	Complied August 14, 1907.
192	July 31	No. 257 Wyckoff avenue.	Public nuisance.	Complied August 20, 1907.
193	July 31	No. 78 President street.	Public nuisance.	Complied October 1, 1907.
194	July 31	No. 477 Hicks street.	Public nuisance.	Complied August 28, 1907.
195	July 31	No. 194 Court street.	Public nuisance.	Complied August 27, 1907.
196	July 31	No. 2486 Fulton street.	Public nuisance.	Complied August 16, 1907.
197	July 31	No. 16 President street.	Public nuisance.	Complied September 5, 1907.
198	July 31	No. 236 Bond street.	Public nuisance.	Complied September 10, 1907.
199	July 31	No. 332 Court street.	Public nuisance.	Complied August 23, 1907.
200	July 31	No. 279 Lorimer street.	Public nuisance.	Complied August 27, 1907.
201	July 31	No. 89 Rockaway street.	Public nuisance.	Complied August 7, 1907.
202	July 31	No. 93 Flushing avenue.	Public nuisance.	Complied September 14, 1907.
203	July 31	No. 51 President street.	Public nuisance.	Complied September 17, 1907.
204	July 31	No. 76 President street.	Public nuisance.	Complied September 4, 1907.
205	July 31	No. 138 Fulton street.	Public nuisance.	Complied September 5, 1907.
206	July 31	No. 371 Fifth avenue.	Public nuisance.	Complied August 26, 1907.
207	July 31	No. 187 Washington street.	Public nuisance.	Complied August 16, 1907.
208	July 31	No. 149 Bridge street.	Public nuisance.	Complied October 19, 1907.
209	July 31	No. 231 Hamilton avenue.	Public nuisance.	Complied September 17, 1907.
210	July 31	No. 133 Melrose street.	Public nuisance.	Complied August 15, 1907.
211	July 31	No. 363 Henry street.	Public nuisance.	Complied August 26, 1907.
212	July 31	No. 337 Central avenue.	Public nuisance.	Complied August 28, 1907.
213	July 31	No. 347 Central avenue.	Public nuisance.	Complied August 15, 1907.
214	July 31	No. 314 Central avenue.	Public nuisance.	Complied August 22, 1907.
215	July 31	No. 337 Smith street.	Public nuisance.	Complied September 17, 1907.
216	July 31	No. 153 Smith street.	Public nuisance.	Complied August 20, 1907.
217	July 31	No. 743A Gates avenue.	Public nuisance.	Complied August 14, 1907.
218	July 31	No. 168 Hilda street.	Public nuisance.	Complied October 8, 1907.
219	July 31	No. 92 Kent avenue.	Public nuisance.	Complied September 22, 1907.
220	July 31	No. 880 Blake avenue.	Public nuisance.	Complied August 23, 1907.
221	July 31	No. 45 1/2 Jamaica avenue.	Public nuisance.	Complied September 20, 1907.
222	July 31	No. 537 Third avenue.	Public nuisance.	Complied September 6, 1907.
223	July 31	No. 10 Union avenue.	Public nuisance.	Complied November 23, 1907.
224	July 31	No. 199 Fifth avenue.	Public nuisance.	Complied August 31, 1907.
225	July 31	No. 201 Fifth avenue.	Public nuisance.	Complied August 26, 1907.
226	July 31	No. 760 Gates avenue.	Public nuisance.	Complied August 26, 1907.
227	July 31	No. 318 Knickerbocker avenue.	Public nuisance.	Complied August 13, 1907.
228	July 31	No. 747 Watkins street.	Public nuisance.	Complied September 4, 1907.
229	July 31	No. 120 Osborn street.	Public nuisance.	Complied August 23, 1907.
230	July 31	No. 735 Fifth avenue.	Public nuisance.	Complied August 15, 1907.
231	July 31	No. 639 Broadway.	Public nuisance.	Complied September 3, 1907.
232	July 31	No. 523 Evergreen avenue.	Public nuisance.	Complied August 14, 1907.
233	July 31	No. 1484 Gates avenue.	Public nuisance.	Complied August 27, 1907.
234	July 31	No. 1947 Broadway.	Public nuisance.	Complied August 25, 1907.
235	July 31	No. 522 Metropolitan avenue.	Public nuisance.	Complied August 19, 1907.
236	July 31	No. 36 Smith street.	Public nuisance.	Complied August 16, 1907.
237	July 31	No. 688 Manhattan avenue.	Public nuisance.	Complied September 4, 1907.
238	July 31	No. 22 Bowditch avenue.	Public nuisance.	Complied August 14, 1907.

No.	Date.	Location.	Cause.	Result.
139	July 31	No. 165 Greenpoint avenue.	Public nuisance.	Complied August 24, 1907.
140	July 31	No. 138 Nassau avenue.	Public nuisance.	Complied October 31, 1907.
141	July 31	No. 821 Blake avenue.	Public nuisance.	Complied October 1, 1907.
142	July 31	No. 275 Bridge street.	Public nuisance.	Complied October 28, 1907.
143	July 31	No. 409 Hudson avenue.	Public nuisance.	Complied December 10, 1907.
144	July 31	No. 453 Graham avenue.	Public nuisance.	Complied August 26, 1907.
145	July 31	No. 114 Myrtle avenue.	Public nuisance.	Complied September 12, 1907.
146	July 31	No. 1356 Fulton street.	Public nuisance.	Complied August 25, 1907.
147	July 31	No. 323 Fifth avenue.	Public nuisance.	Complied August 25, 1907.
148	July 31	No. 342 Fifth avenue.	Public nuisance.	Complied August 27, 1907.
149	July 31	No. 70 North Seventh street.	Public nuisance.	Complied September 3, 1907.
150	July 31	No. 219 Bedford avenue.	Public nuisance.	Complied August 9, 1907.
151	July 31	No. 2164 Fulton street.	Public nuisance.	Complied October 1, 1907.
152	July 31	No. 126 Franklin avenue.	Public nuisance.	Complied September 27, 1907.
153	July 31	No. 049 Third avenue.	Public nuisance.	Complied August 22, 1907.
154	July 31	No. 135 Bayard street.	Public nuisance.	Complied September 23, 1907.
155	July 31	Nos. 177 to 183 Bayard street.	Public nuisance.	Vacated September 9, 1907.
156	July 31	Nos. 148 and 150 India street.	Public nuisance.	Complied September 3, 1907.
157	July 31	No. 1145 Manhattan avenue.	Defective drainage and plumbing.	Complied September 16, 1907.
158	July 31	Foot of Ocean parkway, Coney Island, Riccadonna Hotel.	Defective plumbing.	Complied August 20, 1907.
159	July 31	No. 177 Lorimer street.	Defective drainage.	Complied August 13, 1907.
160	July 31	No. 187 Washington street.	Defective plumbing.	Complied August 28, 1907.
161	Aug. 7	No. 137 Jay street.	Public nuisance.	Complied October 22, 1907.
162	Aug. 7	No. 246 Fifth avenue.	Public nuisance.	Complied August 20, 1907.
163	Aug. 7	No. 117 Fulton street.	Public nuisance.	Complied August 29, 1907.
164	Aug. 7	No. 115 Fulton street.	Public nuisance.	Complied August 30, 1907.
165	Aug. 7	No. 107 Fulton street.	Public nuisance.	Complied August 30, 1907.
166	Aug. 7	No. 116 Fulton street.	Public nuisance.	Complied August 30, 1907.
167	Aug. 7	No. 33 Fulton street.	Public nuisance.	Complied August 21, 1907.
168	Aug. 7	No. 63 Main street.	Public nuisance.	Complied August 30, 1907.
169	Aug. 7	No. 35 Sands street.	Public nuisance.	Complied September 5, 1907.
170	Aug. 7	No. 7 Front street.	Public nuisance.	Complied August 30, 1907.
171	Aug. 7	No. 67 Front street.	Public nuisance.	Complied August 30, 1907.
172	Aug. 7	No. 52 Front street.	Public nuisance.	Complied August 30, 1907.
173	Aug. 7	No. 402 Seventh avenue.	Public nuisance.	Complied August 30, 1907.
174	Aug. 7	No. 400 Seventh avenue.	Public nuisance.	Complied August 30, 1907.
175	Aug. 7	No. 162 Seventh avenue.	Public nuisance.	Complied August 24, 1907.
176	Aug. 7	No. 333 Seventh avenue.	Public nuisance.	Complied August 30, 1907.
177	Aug. 14	No. 160 Duffield street.	Public nuisance.	Complied October 18, 1907.
178	Aug. 14	No. 230 Reid avenue.	Public nuisance.	Work progressing.
179	Aug. 14	No. 200 Chester street.	Public nuisance.	Complied October 9, 1907.
180	Aug. 14	No. 254 Hamburg avenue.	Public nuisance.	Complied September 16, 1907.
181	Aug. 14	No. 167 Twenty-first street (adj.).	Public nuisance.	Complied October 22, 1907.
182	Aug. 14	Nos. 192 and 194 Bristol street.	Public nuisance.	Complied September 5, 1907.
183	Aug. 14	No. 206 Chester street.	Public nuisance.	Complied October 9, 1907.
184	Aug. 14	No. 382 Myrtle avenue (rear).	Public nuisance.	Complied November 12, 1907.
185	Aug. 21	No. 130 North Fifth street.	Nuisance.	Vacated November 26, 1907.
186	Aug. 21	No. 747 Liberty avenue.	Nuisance.	Complied September 10, 1907.
187	Aug. 21	No. 304 Twenty-fourth street.	Defective plumbing.	Complied November 19, 1907.
188	Aug. 28	No. 35 Havemeyer street.	Public nuisance.	Complied September 6, 1907.
189	Aug. 28	No. 05 Sands street.	Public nuisance.	Complied November 8, 1907.
190	Aug. 28	No. 322 Watkins street.	Public nuisance.	Complied October 10, 1907.
191	Aug. 28	No. 108 Eldert street.	Public nuisance.	Complied September 4, 1907.
192	Aug. 28	No. 250 Osborn street.	Public nuisance.	Complied August 21, 1907.
193	Aug. 28	No. 303 Bond street.	Public nuisance.	Complied September 6, 1907.
194	Aug. 28	No. 2238 Pacific street.	Public nuisance.	Complied October 25, 1907.
195	Aug. 28	No. 356 Blake avenue.	Public nuisance.	Complied November 1, 1907.
196	Aug. 28	No. 778 Third avenue.	Public nuisance.	Complied September 19, 1907.
197	Aug. 28	No. 3508 Third avenue.	Public nuisance.	Complied September 29, 1907.
198	Aug. 28	No. 209 Union avenue.	Public nuisance.	Complied September 16, 1907.
199	Aug. 28	No. 132 Wyckoff avenue.	Public nuisance.	Complied December 12, 1907.
200	Aug. 28	No. 163 Sumpter street.	Public nuisance.	Complied September 4, 1907.
201	Aug. 28	No. 112 Cooper street.	Public nuisance.	Complied September 17, 1907.
202	Aug. 28	No. 188 Noll street.	Public nuisance.	Complied September 4, 1907.
203	Aug. 28	No. 780 Grand street.	Public nuisance.	Complied September 18, 1907.
204	Aug. 28	No. 357 Furman street.	Public nuisance.	Complied September 30, 1907.
205	Aug. 28	No. 5 Garnet street.	Public nuisance.	Complied September 18, 1907.
206	Aug. 28	No. 259 Hamilton avenue.	Public nuisance.	Complied September 4, 1907.
207	Aug. 28	No. 260 Hamilton avenue.	Public nuisance.	Complied September 18, 1907.
208	Aug. 28	No. 1038 Manhattan avenue.	Public nuisance.	Complied November 20, 1907.
209	Aug. 28	No. 809 Flatbush avenue.	Public nuisance.	Complied September 21, 1907.
210	Aug. 28	No. 52 Myrtle avenue.	Public nuisance.	Complied September 30, 1907.
211	Aug. 28	No. 10 Tompkins avenue (front).	Nuisance.	Complied September 9, 1907.
212	Aug. 28	No. 30 Tompkins avenue (rear).	Nuisance.	Complied September 9, 1907.
213	Aug. 28	No. 620 Blake avenue.	Public nuisance.	Complied September 7, 1907.
214	Aug. 28	No. 591 Myrtle avenue.	Public nuisance.	Complied August 21, 1907.
215	Aug. 28	No. 307 Bushwick avenue.	Public nuisance.	Complied November 14, 1907.
216	Aug. 28	No. 9 Hamburg avenue.	Public nuisance.	Complied September 4, 1907.
217	Aug. 28	No. 1200 Myrtle avenue.	Public nuisance.	Complied September 4, 1907.
218	Aug. 28	No. 497 Stone avenue.	Public nuisance.	Complied September 23, 1907.

No.	Date.	Location.	Cause.	Result.
319	Aug. 28	No. 199 East New York avenue.	Public nuisance.	Complied October 3, 1907.
320	Aug. 28	Nos. 7 and 9 Glenmore avenue.	Public nuisance.	Complied November 1, 1907.
321	Aug. 28	No. 604 Evergreen avenue.	Public nuisance.	Complied October 25, 1907.
322	Aug. 28	No. 826 Third avenue.	Public nuisance.	Complied September 6, 1907.
323	Aug. 28	No. 046 Atlantic avenue.	Public nuisance.	Complied September 14, 1907.
324	Aug. 28	No. 116 Atlantic avenue.	Public nuisance.	Complied October 29, 1907.
325	Aug. 28	No. 144 Saratoga avenue.	Public nuisance.	Complied September 4, 1907.
326	Aug. 28	No. 198 Hamilton avenue.	Public nuisance.	Complied September 23, 1907.
327	Aug. 28	No. 370 Hamilton avenue.	Public nuisance.	Complied October 1, 1907.
328	Aug. 28	No. 354 Bond street.	Public nuisance.	Complied September 21, 1907.
329	Aug. 28	No. 94 Third street.	Public nuisance.	Complied September 11, 1907.
330	Aug. 28	No. 196 Scholes street.	Public nuisance.	Complied October 18, 1907.
331	Aug. 28	No. 269 Tompkins avenue.	Public nuisance.	Complied September 6, 1907.
332	Aug. 28	No. 562 Sixth avenue.	Public nuisance.	Complied September 16, 1907.
333	Aug. 28	No. 307 Nostrand avenue.	Public nuisance.	Complied September 4, 1907.
334	Aug. 28	No. 485 Metropolitan avenue.	Public nuisance.	Complied November 9, 1907.
335	Aug. 28	No. 215 Hoyt street.	Public nuisance.	Complied September 17, 1907.
336	Aug. 28	No. 307 Hamilton avenue.	Public nuisance.	Complied November 13, 1907.
337	Aug. 28	No. 371 Furman street.	Public nuisance.	Complied September 29, 1907.
338	Aug. 28	No. 822 Fifth avenue.	Public nuisance.	Complied September 20, 1907.
339	Aug. 28	No. 246 Hamilton avenue.	Public nuisance.	Complied September 6, 1907.
340	Aug. 28	No. 231 Hamilton avenue.	Public nuisance.	Complied September 17, 1907.
341	Aug. 28	No. 351 Hamilton avenue.	Public nuisance.	Complied September 23, 1907.
342	Aug. 28	No. 164 Hamilton avenue.	Public nuisance.	Complied September 6, 1907.
343	Aug. 28	No. 664 Driggs avenue.	Public nuisance.	Complied September 5, 1907.
344	Aug. 28	No. 225 Kent avenue.	Public nuisance.	Complied September 26, 1907.
345	Aug. 28	No. 9 Brooklyn avenue.	Public nuisance.	Complied September 6, 1907.
346	Aug. 28	No. 125 Park avenue.	Public nuisance.	Complied September 21, 1907.
347	Aug. 28	No. 62 Utica avenue.	Public nuisance.	Complied October 22, 1907.
348	Aug. 28	No. 1373 Atlantic avenue.	Public nuisance.	Complied September 26, 1907.
349	Aug. 28	No. 571 Central avenue.	Public nuisance.	Complied November 29, 1907.
350	Aug. 28	No. 185 Wilson street.	Public nuisance.	Complied October 14, 1907.
351	Aug. 28	Nos. 42 and 44 Hall street.	Public nuisance.	Vacated October 29, 1907.
352	Sept. 4	No. 619 New York avenue.	Nuisance.	Complied September 19, 1907.
353	Sept. 4	No. 344 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
354	Sept. 4	Neptune avenue and East Third street.	Nuisance.	Work progressing.
355	Sept. 4	No. 320 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
356	Sept. 4	No. 346 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
357	Sept. 4	No. 322 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
358	Sept. 4	No. 326 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
359	Sept. 4	No. 328 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
360	Sept. 4	No. 579 Sackman street.	Public nuisance.	Work progressing.
361	Sept. 4	No. 532 Seventy-eighth street.	Nuisance.	Complied October 18, 1907.
362	Sept. 4	No. 331 Ovington avenue.	Public nuisance.	Complied October 21, 1907.
363	Sept. 18	No. 2334 Atlantic avenue.	Public nuisance.	Complied October 5, 1907.
364	Sept. 18	No. 2350 Atlantic avenue.	Public nuisance.	Complied October 16, 1907.
365	Sept. 18	No. 9 Alabama avenue.	Public nuisance.	Complied September 30, 1907.
366	Sept. 18	No. 126 Bridge street.	Public nuisance.	Complied October 22, 1907.
367	Sept. 18	No. 118 Belmont avenue.	Public nuisance.	Complied October 4, 1907.
368	Sept. 18	No. 126 Belmont avenue.	Public nuisance.	Complied October 4, 1907.
369	Sept. 18	No. 206 Bushwick avenue.	Public nuisance.	Complied September 30, 1907.
370	Sept. 18	No. 196 Berry street.	Public nuisance.	Complied October 22, 1907.
371	Sept. 18	No. 240 Bond street.	Public nuisance.	Complied September 25, 1907.
372	Sept. 18	No. 43 Cook street.	Public nuisance.	Complied November 25, 1907.
373	Sept. 18	No. 519 Carroll street.	Public nuisance.	Complied October 4, 1907.
374	Sept. 18	No. 462 Carroll street.	Public nuisance.	Complied October 24, 1907.
375	Sept. 18	No. 217 Driggs avenue.	Public nuisance.	Complied September 28, 1907.
376	Sept. 18	No. 169 Division avenue.	Public nuisance.	Complied September 30, 1907.
377	Sept. 18	No. 163 Division avenue.	Public nuisance.	Complied September 30, 1907.
378	Sept. 18	No. 1654 Eighty-sixth street.	Public nuisance.	Complied October 9, 1907.
379	Sept. 18	No. 189 Eagle street.	Public nuisance.	Complied October 21, 1907.
380	Sept. 18	No. 398 East New York avenue.	Public nuisance.	Complied October 16, 1907.
381	Sept. 18	No. 432 East New York avenue.	Public nuisance.	Complied October 16, 1907.
382	Sept. 18	No. 1050 Fulton street.	Public nuisance.	Complied September 27, 1907.
383	Sept. 18	No. 125 Fifth avenue.	Public nuisance.	Complied September 27, 1907.
384	Sept. 18	No. 59 Flatbush avenue.	Public nuisance.	Complied September 27, 1907.
385	Sept. 18	No. 132 Forest street.	Public nuisance.	Complied October 12, 1907.
386	Sept. 18	No. 108 Greenpoint avenue.	Public nuisance.	Complied October 5, 1907.
387	Sept. 18	No. 190 Graham avenue.	Public nuisance.	Complied October 14, 1907.
388	Sept. 18	No. 63 Grant street.	Public nuisance.	Complied October 21, 1907.
389	Sept. 18	No. 436 Grant street.	Public nuisance.	Complied September 28, 1907.
390	Sept. 18	No. 221 Irving avenue.	Public nuisance.	Complied November 1, 1907.
391	Sept. 18	No. 611 Myrtle avenue.	Public nuisance.	Complied September 27, 1907.
392	Sept. 18	No. 149 Meserole street.	Public nuisance.	Complied September 30, 1907.
393	Sept. 18	No. 330 Metropolitan avenue.	Public nuisance.	Complied November 20, 1907.
394	Sept. 18	No. 624 Metropolitan avenue.	Public nuisance.	Complied October 10, 1907.
395	Sept. 18	No. 84 Morgan avenue.	Public nuisance.	Complied October 29, 1907.
396	Sept. 18	No. 27 Mill street, South Brooklyn (rear).	Public nuisance.	Work progressing.
397	Sept. 18	No. 27 Mill street, South Brooklyn (front).	Public nuisance.	Work progressing.
398	Sept. 18	No. 619 New York avenue.	Public nuisance.	Complied September 29, 1907.

No.	Date.	Location.	Cause.	Result.
399	Sept. 18	No. 237 North Fifth street.	Public nuisance.	Complied September 30, 1907.
400	Sept. 18	No. 304 Osborne street.	Public nuisance.	Complied September 27, 1907.
401	Sept. 18	No. 422 Prospect avenue.	Public nuisance.	Complied September 27, 1907.
402	Sept. 18	No. 2042 Pitkin avenue.	Public nuisance.	Complied October 25, 1907.
403	Sept. 18	No. 1740 Pitkin avenue.	Public nuisance.	Complied October 11, 1907.
404	Sept. 18	No. 20 Park street.	Public nuisance.	Complied October 7, 1907.
405	Sept. 18	No. 464 Rockaway avenue.	Public nuisance.	Complied September 25, 1907.
406	Sept. 18	No. 429 Ralph avenue.	Public nuisance.	Complied October 5, 1907.
407	Sept. 18	No. 473 Ralph avenue.	Public nuisance.	Complied October 2, 1907.
407	Sept. 18	No. 469 Sutter avenue.	Public nuisance.	Complied October 25, 1907.
409	Sept. 18	No. 271 Sutter avenue.	Public nuisance.	Complied October 16, 1907.
410	Sept. 18	No. 99 Schemmately avenue.	Public nuisance.	Complied October 24, 1907.
411	Sept. 18	No. 59 Stone avenue.	Public nuisance.	Complied September 26, 1907.
412	Sept. 18	No. 601 Stone avenue.	Public nuisance.	Complied October 16, 1907.
413	Sept. 18	No. 58 Tillary street.	Public nuisance.	Complied October 30, 1907.
414	Sept. 18	No. 663 Third avenue.	Public nuisance.	Complied October 3, 1907.
415	Sept. 18	No. 261 Thatford avenue.	Public nuisance.	Complied October 14, 1907.
416	Sept. 18	No. 103 Thatford avenue.	Public nuisance.	Complied September 27, 1907.
417	Sept. 18	No. 51 Thatford avenue.	Public nuisance.	Complied October 14, 1907.
418	Sept. 18	No. 961 Third avenue.	Public nuisance.	Complied October 4, 1907.
419	Sept. 18	No. 252 Union avenue.	Public nuisance.	Complied December 13, 1907.
420	Sept. 18	No. 20 Wyckoff avenue.	Public nuisance.	Complied October 14, 1907.
421	Sept. 18	No. 302 Wythe avenue.	Public nuisance.	Complied September 30, 1907.
422	Sept. 18	No. 243 Water street.	Public nuisance.	Complied October 12, 1907.
423	Sept. 18	No. 424 Warren street.	Public nuisance.	Complied November 8, 1907.
424	Sept. 18	West Twenty-fifth street, between Railroad and Surf avenues.	Nuisance.	Complied December 5, 1907.
425	Sept. 25	No. 337 Fifth avenue.	Nuisance.	Complied December 21, 1907.
426	Sept. 25	No. 299 Fourteenth street.	Nuisance.	Complied December 10, 1907.
427	Sept. 25	No. 789 Flushing avenue (rear).	Public nuisance.	Complied December 12, 1907.
428	Sept. 25	No. 201 Gold street.	Public nuisance.	Complied October 22, 1907.
429	Sept. 25	No. 77 Marcy avenue.	Public nuisance.	Work progressing.
430	Sept. 25	West side of West Seventeenth street about 200 feet south of Bridge.	Nuisance.	Complied September 30, 1907.
431	Oct. 9	No. 1812 Atlantic avenue.	Defective plumbing.	Complied November 7, 1907.
432	Oct. 9	Nos. 62 and 64 Albany avenue.	Public nuisance.	Not complied with.
433	Oct. 9	No. 358 Bedford avenue.	Public nuisance.	Complied October 27, 1907.
434	Oct. 9	No. 241 Bristol street (rear).	Public nuisance.	Work progressing.
435	Oct. 9	No. 62 Congress street.	Defective plumbing.	Complied December 11, 1907.
436	Oct. 9	No. 2094 Dean street.	Defective plumbing and drainage.	Not complied with.
437	Oct. 9	No. 149 Driggs avenue.	Public nuisance.	Complied October 30, 1907.
438	Oct. 9	No. 619 Driggs avenue.	Public nuisance.	Complied November 1, 1907.
439	Oct. 9	No. 30 Eckford street.	Nuisance.	Complied October 31, 1907.
440	Oct. 9	South side of East New York avenue, 100 feet east of Williams avenue.	Public nuisance.	Work progressing.
441	Oct. 9	No. 81 Franklin street.	Public nuisance.	Not complied with.
442	Oct. 9	No. 65 Fulton street.	Public nuisance.	Complied October 15, 1907.
443	Oct. 9	No. 720 Fulton street.	Public nuisance.	Complied October 24, 1907.
444	Oct. 9	No. 2002 Fulton street.	Defective plumbing.	Complied November 9, 1907.
445	Oct. 9	No. 760 Gravesend avenue.	Nuisance.	Complied November 21, 1907.
446	Oct. 9	No. 96 Greene street.	Defective plumbing.	Complied November 14, 1907.
447	Oct. 9	Nos. 285 and 287 Hooper street.	Public nuisance.	Complied December 23, 1907.
448	Oct. 9	No. 470 Hopkinson avenue.	Public nuisance.	Complied October 31, 1907.
449	Oct. 9	No. 373 Howard avenue.	Public nuisance.	Complied October 23, 1907.
450	Oct. 9	No. 1047 Liberty avenue.	Public nuisance.	Complied December 19, 1907.
451	Oct. 9	No. 349 Leonard street.	Public nuisance.	Complied October 24, 1907.
452	Oct. 9	No. 36 Morgan avenue.	Public nuisance.	Complied November 7, 1907.
453	Oct. 9	No. 986 Manhattan avenue.	Public nuisance.	Complied November 4, 1907.
454	Oct. 9	No. 45 Meeker avenue.	Public nuisance.	Complied October 23, 1907.
455	Oct. 9	Nos. 52 and 54 Meeker avenue (rear).	Public nuisance.	Complied November 19, 1907.
456	Oct. 9	No. 157 Norman avenue.	Public nuisance.	Complied October 23, 1907.
457	Oct. 9	No. 377 Oakland street.	Public nuisance.	Complied October 23, 1907.
458	Oct. 9	No. 1534 Pitkin avenue.	Public nuisance.	Complied October 15, 1907.
459	Oct. 9	No. 404 Park avenue.	Public nuisance.	Complied October 26, 1907.
460	Oct. 9	Northwest corner of Seely and Twentieth streets.	Public nuisance.	Complied October 23, 1907.
461	Oct. 9	No. 292 Stagg street.	Public nuisance.	Complied October 25, 1907.
462	Oct. 9	No. 147 Smedeker avenue.	Public nuisance.	Complied November 2, 1907.
463	Oct. 9	No. 113 Second street.	Public nuisance.	Complied October 24, 1907.
464	Oct. 9	Stratton's Walk, east side of Bowery.	Public nuisance.	Complied November 19, 1907.
465	Oct. 9	No. 247 Sumpter street.	Public nuisance.	Complied October 23, 1907.
466	Oct. 9	No. 172 Sutter avenue.	Public nuisance.	Complied November 19, 1907.
467	Oct. 9	No. 427 Third avenue.	Public nuisance.	Complied October 23, 1907.
468	Oct. 9	No. 7622 Third avenue.	Public nuisance.	Complied October 23, 1907.
469	Oct. 9	No. 39 Tallman street.	Nuisance.	Vacated November 23, 1907.
470	Oct. 9	Southeast corner of Thatford and Riverside avenues.	Public nuisance.	Work progressing.
471	Oct. 9	No. 90 Bayard street.	Nuisance and public nuisance.	Not complied with.
472	Oct. 9	No. 92 Bayard street.	Nuisance and public nuisance.	Not complied with.
473	Oct. 9	No. 94 Bayard street.	Nuisance and public nuisance.	Not complied with.
474	Oct. 9	No. 150 Thatford avenue.	Public nuisance.	Complied October 18, 1907.
475	Oct. 9	No. 75 Thatford avenue.	Public nuisance.	Complied October 17, 1907.
476	Oct. 9	No. 16 Vesta avenue.	Public nuisance.	Complied November 4, 1907.
477	Oct. 7	No. 267 Van Brunt street.	Public nuisance.	Work progressing.
478	Oct. 8	No. 112 Watkins street.	Public nuisance.	Complied October 18, 1907.

No.	Date.	Location.	Cause.	Result.
479	Oct. 9	No. 352 Watkins street	Public nuisance	Complied November 30, 1907.
480	Oct. 9	No. 344 Wythe avenue	Public nuisance	Complied November 7, 1907.
481	Oct. 9	Northeast corner Wyckoff and Myrtle avenues	Public nuisance	Complied October 31, 1907.
482	Oct. 9	No. 108 West Ninth street	Nuisance	Complied December 14, 1907.
483	Oct. 9	No. 110 West Ninth street	Nuisance	Complied December 14, 1907.
484	Oct. 9	No. 224 Eighty-fifth street	Nuisance	Work progressing.
485	Oct. 9	South side Ninetieth street, between Third and Fourth avenues	Public nuisance	Work progressing.
486	Oct. 10	No. 312 Christopher avenue	Public nuisance	Complied November 8, 1907.
487	Oct. 10	No. 335 Adams street	Public nuisance	Complied November 20, 1907.
488	Oct. 10	No. 87 Washington avenue	Defective drainage and plumbing	Complied December 20, 1907.
489	Oct. 10	No. 14 Seventh avenue	Defective drainage	Complied October 31, 1907.
490	Oct. 10	No. 194 Dupont street (front)	Nuisance	Vacated December 13, 1907.
491	Oct. 10	No. 194 Dupont street (rear)	Nuisance	Vacated December 13, 1907.
492	Oct. 10	No. 89 Franklin street	Nuisance	Complied December 21, 1907.
493	Oct. 10	Nos. 24 and 26 Fifteenth street	Defective drainage and plumbing	Not complied with.
494	Oct. 10	No. 103 Twentieth street	Nuisance	Complied November 30, 1907.
495	Oct. 10	No. 21 Bush street (rear)	Public nuisance	Complied December 10, 1907.
496	Oct. 10	127 Bergen street	Public nuisance	Complied December 9, 1907.
497	Oct. 10	No. 174 Norman avenue	Public nuisance	Complied November 2, 1907.
498	Oct. 10	No. 1838 Bath avenue	Public nuisance	Complied October 25, 1907.
499	Oct. 10	No. 259 Johnson avenue	Public nuisance	Complied October 25, 1907.
500	Oct. 10	No. 212 Lorimer street	Public nuisance	Complied November 6, 1907.
501	Oct. 10	No. 4017 Thirteenth avenue	Public nuisance	Complied November 4, 1907.
502	Oct. 10	No. 771 Thirty-ninth street	Public nuisance	Complied November 4, 1907.
503	Oct. 10	No. 25 Meeker avenue	Public nuisance	Complied December 23, 1907.
504	Oct. 10	No. 373N Leonard street	Public nuisance	Complied November 6, 1907.
505	Oct. 10	No. 62 Wilbers street	Public nuisance	Complied November 6, 1907.
506	Oct. 10	No. 3919 West Hamilton avenue	Public nuisance	Complied November 4, 1907.
507	Oct. 10	No. 3908 West Hamilton avenue	Public nuisance	Complied November 14, 1907.
508	Oct. 10	Nos. 544 and 546 Union street (rear)	Public nuisance	Complied November 21, 1907.
509	Oct. 10	Nos. 239 and 241 Centre street	Public nuisance	Complied December 16, 1907.
510	Oct. 10	No. 464 Metropolitan avenue	Defective plumbing	Complied October 28, 1907.
511	Oct. 10	No. 273 First street (rear)	Public nuisance	Complied December 14, 1907.
512	Oct. 10	No. 709 Jefferson avenue (rear)	Public nuisance	Complied November 29, 1907.
513	Oct. 10	No. 308 Smith street	Public nuisance	Not complied with.
514	Oct. 10	No. 60 Cook street (rear)	Public nuisance	Work progressing.
515	Oct. 10	Nos. 263 and 265 Stockton street (rear)	Public nuisance	Complied December 28, 1907.
516	Oct. 21	No. 233 Tillary street	Public nuisance	Complied November 15, 1907.
517	Oct. 21	No. 139 Baltic street	Public nuisance	Not complied with.
518	Oct. 21	No. 866 Kent avenue	Public nuisance	Complied November 8, 1907.
519	Oct. 21	No. 81 Kosciuszko street	Public nuisance	Complied October 30, 1907.
520	Oct. 23	No. 232 Sanis street	Public nuisance	Complied November 9, 1907.
521	Oct. 23	No. 140 Skillman street	Public nuisance	Complied November 6, 1907.
522	Oct. 20	No. 29 Garfield place	Public nuisance	Complied November 15, 1907.
523	Oct. 20	No. 104 Hudson avenue	Public nuisance	Work progressing.
524	Oct. 20	No. 42 Lexington avenue	Public nuisance	Work progressing.
525	Oct. 20	No. 178 Montrose avenue	Public nuisance	Complied November 25, 1907.
526	Oct. 20	No. 184 Manhattan avenue	Public nuisance	Complied November 19, 1907.
527	Oct. 20	No. 52 McKibbin street	Public nuisance	Complied November 23, 1907.
528	Oct. 20	No. 16 Humboldt street	Public nuisance	Complied December 12, 1907.
529	Oct. 20	No. 48 Humboldt street	Public nuisance	Complied December 9, 1907.
530	Oct. 20	No. 106 Varet street	Public nuisance	Complied December 4, 1907.
531	Oct. 20	No. 2008 Manhattan avenue	Public nuisance	Complied November 15, 1907.
532	Oct. 20	No. 194 McKibbin street	Public nuisance	Complied December 17, 1907.
533	Oct. 20	No. 179 Jefferson street	Public nuisance	Complied November 18, 1907.
534	Oct. 20	No. 241 Nassau avenue	Public nuisance	Complied December 5, 1907.
535	Oct. 20	No. 210 Nassau avenue	Public nuisance	Complied November 13, 1907.
536	Oct. 20	No. 268 Bergen street	Public nuisance	Complied December 3, 1907.
537	Oct. 20	No. 396 Manhattan avenue	Public nuisance	Complied November 23, 1907.
538	Oct. 20	No. 76 Pennsylvania avenue	Public nuisance	Complied November 15, 1907.
539	Oct. 20	No. 178 Oakland street	Public nuisance	Complied November 7, 1907.
540	Oct. 20	No. 102 Third street	Public nuisance	Complied November 7, 1907.
541	Oct. 20	No. 39 Moore street	Public nuisance	Complied December 4, 1907.
542	Oct. 20	No. 107 Moore street	Public nuisance	Complied November 25, 1907.
543	Oct. 20	Nos. 1009 and 1011 Atlantic avenue	Public nuisance	Work progressing.
544	Oct. 20	No. 25 Carlton avenue (rear)	Public nuisance	Complied December 11, 1907.
545	Oct. 20	No. 25 Carlton avenue (rear)	Public nuisance	Complied December 11, 1907.
546	Oct. 20	No. 463 Monroe street	Public nuisance	Complied November 26, 1907.
547	Oct. 20	No. 193 Twenty-first street (rear)	Public nuisance	Work progressing.
548	Oct. 20	North side of Flatlands avenue, between East Ninety-ninth and One Hundredth streets	Public nuisance	Work progressing.
549	Oct. 20	No. 42 Lexington avenue	Nuisance	Work progressing.
550	Oct. 20	No. 471 Ralph avenue	Nuisance	Complied December 24, 1907.
551	Oct. 20	No. 241 Java street (front)	Defective drainage	Complied November 30, 1907.
552	Oct. 20	No. 241 Java street (rear)	Defective drainage	Complied November 30, 1907.
553	Oct. 20	No. 203 Fulton street	Defective plumbing	Complied December 4, 1907.
554	Oct. 20	No. 124 Prospect street	Nuisance	Work progressing.
555	Oct. 20	No. 148 Snyder avenue	Nuisance	Complied December 21, 1907.
556	Oct. 20	No. 103 Twenty-first street (front)	Nuisance	Vacated December 5, 1907.
557	Oct. 20	No. 229 Java street	Nuisance	Complied December 27, 1907.
558	Nov. 6	Nos. 47 and 49 Watkins street	Nuisance	Complied November 22, 1907.

No.	Date.	Location.	Case.	Result.
558	Nov. 6	No. 209 South street.....	Public nuisance.....	Work progressing.
559	Nov. 6	No. 452 Baltic street.....	Nuisance.....	Work progressing.
561	Nov. 6	No. 183 Butler street (front).....	Defective plumbing.....	Complied November 12, 1907.
562	Nov. 6	No. 183 Butler street (rear).....	Defective plumbing.....	Complied November 12, 1907.
563	Nov. 6	No. 252 Humboldt street.....	Public nuisance.....	Complied December 18, 1907.
564	Nov. 6	No. 441 Lorimer street.....	Public nuisance.....	Complied December 23, 1907.
565	Nov. 6	No. 074 Rogers avenue.....	Public nuisance.....	Complied November 27, 1907.
566	Nov. 6	No. 979 Gravesend avenue.....	Nuisance.....	Complied November 20, 1907.
567	Nov. 20	No. 2405 Fulton street.....	Public nuisance.....	Complied December 7, 1907.
568	Nov. 20	Southwest corner of Harway and Twenty-fifth avenues.....	Public nuisance.....	Work progressing.
569	Nov. 20	No. 547 Marcy avenue.....	Public nuisance.....	Complied November 26, 1907.
570	Nov. 20	No. 179 Sumner avenue.....	Public nuisance.....	Complied December 4, 1907.
571	Nov. 20	No. 260 Ocean parkway (rear).....	Public nuisance.....	Work progressing.
572	Nov. 20	No. 222 South First street.....	Public nuisance.....	Work progressing.
573	Nov. 20	West side of Fifteenth street, 760 feet from Neptune avenue (rear).....	Public nuisance.....	Work progressing.
574	Nov. 20	No. 218 Java street.....	Public nuisance.....	Work progressing.
575	Nov. 20	No. 351 Manhattan avenue (rear).....	Public nuisance.....	Work progressing.
576	Nov. 20	No. 811 Myrtle avenue.....	Public nuisance.....	Work progressing.
577	Nov. 20	No. 326 Gates avenue.....	Public nuisance.....	Work progressing.
578	Nov. 20	No. 2861 West Fifteenth street (rear).....	Defective plumbing.....	Work progressing.
579	Nov. 20	No. 2861 West Fifteenth street (front).....	Defective plumbing.....	Work progressing.
580	Nov. 20	No. 325 Gold street.....	Defective plumbing and drainage.....	Complied December 10, 1907.
581	Nov. 20	No. 83 Graham avenue.....	Nuisance.....	Complied December 11, 1907.
582	Nov. 20	No. 47 Belmont avenue.....	Defective plumbing.....	Complied December 22, 1907.
583	Nov. 20	No. 74 Talman street.....	Defective plumbing.....	Complied December 27, 1907.
584	Nov. 20	No. 235 South Ninth street.....	Defective plumbing.....	Complied December 12, 1907.
585	Nov. 20	No. 10 and 12 Raymond street.....	Nuisance.....	Complied December 28, 1907.
586	Nov. 20	No. 60 to 64 Glenmore avenue.....	Public nuisance.....	Work progressing.
587	Nov. 20	No. 260 to 274 McDougall street.....	Public nuisance.....	Work progressing.
588	Nov. 20	No. 2912 West Twenty-second street (front).....	Nuisance.....	Fifty per cent. of order complied with; work progressing.
589	Nov. 20	No. 2932 West Twenty-second street (rear).....	Nuisance.....	Work progressing.
590	Nov. 20	No. 169 Fourth avenue.....	Public nuisance.....	Complied November 26, 1907.
591	Nov. 20	No. 189 Harrison avenue.....	Public nuisance.....	Work progressing.
592	Nov. 20	No. 370 Marcy avenue.....	Public nuisance.....	Complied November 26, 1907.
593	Nov. 20	No. 449 Marcy avenue.....	Public nuisance.....	Complied December 6, 1907.
594	Nov. 20	No. 180 Moore street.....	Public nuisance.....	Work progressing.
595	Nov. 20	No. 195 Moore street.....	Public nuisance.....	Work progressing.
596	Nov. 20	No. 165 Norman avenue.....	Public nuisance.....	Complied December 23, 1907.
597	Nov. 20	No. 28 Nostrand avenue.....	Public nuisance.....	Complied December 8, 1907.
598	Nov. 20	No. 38 Nostrand avenue.....	Public nuisance.....	Complied December 6, 1907.
599	Nov. 20	No. 39 Nostrand avenue.....	Public nuisance.....	Complied December 24, 1907.
600	Nov. 20	No. 103 Sumner avenue.....	Public nuisance.....	Complied November 29, 1907.
601	Nov. 20	No. 29 Sumner avenue.....	Public nuisance.....	Complied November 29, 1907.
602	Nov. 20	No. 836 Deau street.....	Public nuisance.....	Complied December 11, 1907.
603	Nov. 20	No. 104 Nelson street.....	Public nuisance.....	Complied December 23, 1907.
604	Nov. 20	No. 1814 Atlantic avenue.....	Nuisance.....	Complied December 21, 1907.
605	Nov. 20	No. 484 Ralph avenue.....	Nuisance.....	Complied December 10, 1907.
606	Nov. 20	No. 693 St. Johns place (front).....	Nuisance.....	Work progressing.
607	Nov. 20	No. 693 St. Johns place (rear).....	Public nuisance.....	Work progressing.
608	Nov. 20	No. 263 First street.....	Public nuisance.....	Work progressing.
609	Nov. 20	No. 2867 West Fifth street.....	Public nuisance.....	Work progressing.
610	Nov. 20	No. 353 West Twentieth street.....	Public nuisance.....	Work progressing.
611	Nov. 20	No. 353 West Twentieth street.....	Public nuisance.....	Work progressing.
612	Nov. 20	No. 357 West Twentieth street.....	Public nuisance.....	Work progressing.
613	Nov. 20	No. 1491 West Sixty-sixth street (front).....	Nuisance.....	Work progressing.
614	Nov. 20	No. 1401 West Sixty-sixth street (rear).....	Nuisance.....	Work progressing.
615	Nov. 27	No. 580 Broadway.....	Public nuisance.....	Complied December 11, 1907.
616	Nov. 27	No. 516 Broadway.....	Public nuisance.....	Complied December 20, 1907.
617	Nov. 27	No. 717 Hicks street.....	Public nuisance.....	Complied December 20, 1907.
618	Nov. 27	West side of Howard avenue, between Pitkin avenue and Eastern parkway.....	Public nuisance.....	Work progressing.
619	Nov. 27	No. 458 Marcy avenue.....	Public nuisance.....	Complied December 4, 1907.
620	Nov. 27	No. 113 Broadway.....	Nuisance.....	Complied December 20, 1907.
621	Nov. 27	No. 228 Hoyt street.....	Defective plumbing.....	Work progressing.
622	Nov. 27	No. 241 Lee avenue.....	Nuisance.....	Complied December 10, 1907.
623	Nov. 27	No. 1 and 3 Moore street.....	Nuisance.....	Complied December 28, 1907.
624	Nov. 27	No. 46 Powell street.....	Defective plumbing.....	Complied December 11, 1907.
625	Nov. 27	No. 39 Ten Eyck street.....	Nuisance.....	Work progressing.
626	Nov. 27	No. 121 Willoughby street.....	Defective drainage.....	Complied December 12, 1907.
627	Nov. 27	No. 126 Twenty-fifth street.....	Nuisance.....	Work progressing.
628	Nov. 27	No. 146 Twenty-seventh street.....	Defective plumbing.....	Complied December 6, 1907.
629	Dec. 5	No. 295 Grand street.....	Defective plumbing.....	Complied December 30, 1907.
630	Dec. 5	No. 134 Eagle street.....	Public nuisance.....	Complied December 17, 1907.
631	Dec. 5	No. 483 Gates avenue.....	Public nuisance.....	Complied December 10, 1907.
632	Dec. 5	No. 9 Leonard street.....	Public nuisance.....	Work progressing.
633	Dec. 5	No. 1075 Flushing avenue.....	Public nuisance.....	Work progressing.
634	Dec. 5	No. 68 Greene street.....	Public nuisance.....	Work progressing.
635	Dec. 5	No. 175 Greene street.....	Public nuisance.....	Work progressing.
636	Dec. 5	No. 190 Greene street.....	Public nuisance.....	Work progressing.
637	Dec. 5	No. 250 Harrison avenue.....	Public nuisance.....	Complied December 24, 1907.
638	Dec. 5	No. 181 Harrison avenue.....	Public nuisance.....	Complied December 24, 1907.
639	Dec. 5	No. 1071 Myrtle avenue.....	Public nuisance.....	Complied December 12, 1907.

No.	Date.	Location.	Cause.	Result.
640	Dec. 5	No. 12 Reid avenue.	Public nuisance.	Complied December 24, 1907.
641	Dec. 5	No. 37 Sumner avenue.	Public nuisance.	Complied December 12, 1907.
642	Dec. 5	No. 61 Sumner avenue.	Public nuisance.	Complied December 12, 1907.
643	Dec. 5	No. 217 Throop avenue.	Public nuisance.	Work progressing.
644	Dec. 5	No. 86 Alabama avenue.	Defective plumbing.	Work progressing.
645	Dec. 5	No. 246 Conover street.	Defective plumbing.	Work progressing.
646	Dec. 5	No. 71 De Sales place.	Defective plumbing and drainage.	Complied December 27, 1907.
647	Dec. 5	No. 918 Gates avenue.	Defective drainage.	Complied December 21, 1907.
648	Dec. 5	No. 104 Oakland street.	Defective plumbing.	Work progressing.
649	Dec. 5	No. 115 Schenectady avenue.	Nuisance.	Work progressing.
650	Dec. 11	No. 91 Prospect avenue.	Defective drainage.	Work progressing.
651	Dec. 11	No. 2675 West Fifteenth street (front).	Defective plumbing.	Complied December 26, 1907.
652	Dec. 11	No. 2675 West Fifteenth street (rear).	Defective plumbing.	Work progressing.
653	Dec. 11	Northeast corner Railroad avenue and West Sixteenth street.	Defective plumbing.	Work progressing.
654	Dec. 11	No. 274 Fifty-sixth street.	Nuisance.	Complied December 28, 1907.
655	Dec. 11	No. 85 Grattan street.	Public nuisance.	Work progressing.
656	Dec. 11	No. 24 Throop avenue.	Public nuisance.	Complied December 19, 1907.
657	Dec. 11	No. 464 Humboldt street.	Public nuisance.	Work progressing.
658	Dec. 11	No. 36 Milton street.	Public nuisance.	Work progressing.
659	Dec. 11	No. 113 Twenty-seventh street.	Public nuisance.	Work progressing.
660	Dec. 18	No. 708 DeKalb avenue.	Public nuisance.	Work progressing.
661	Dec. 18	No. 62 Flushing avenue.	Public nuisance.	Complied December 31, 1907.
662	Dec. 18	No. 88 Knickerbocker avenue.	Public nuisance.	Work progressing.
663	Dec. 18	No. 327 Park avenue.	Public nuisance.	Complied December 27, 1907.
664	Dec. 18	No. 117 Gerry street.	Public nuisance.	Work progressing.
665	Dec. 18	No. 1241 Halsey street.	Public nuisance.	Work progressing.
666	Dec. 18	No. 184 Johnson street.	Public nuisance.	Work progressing.
667	Dec. 18	No. 604 Manhattan avenue.	Public nuisance.	Complied December 21, 1907.
668	Dec. 18	No. 213 Moore street.	Public nuisance.	Work progressing.
669	Dec. 18	No. 239 Sands street.	Public nuisance.	Complied December 27, 1907.
670	Dec. 18	No. 180 Varet street.	Public nuisance.	Work progressing.
671	Dec. 18	No. 145 Washington street.	Public nuisance.	Work progressing.
672	Dec. 21	No. 302 Court street.	Nuisance.	Work progressing.
673	Dec. 21	No. 146 Fulton street.	Defective plumbing.	Work progressing.
674	Dec. 21	No. 80 Grand avenue.	Public nuisance.	Work progressing.
675	Dec. 21	No. 82 Grand avenue.	Public nuisance.	Work progressing.
676	Dec. 21	No. 84 Grand avenue.	Public nuisance.	Work progressing.
677	Dec. 21	Nos. 221 and 223 Java street.	Public nuisance.	Work progressing.
678	Dec. 21	No. 308 Manhattan avenue.	Public nuisance.	Work progressing.
679	Dec. 21	No. 622 Manhattan avenue.	Public nuisance.	Work progressing.
680	Dec. 21	No. 15 Division place.	Defective drainage.	Work progressing.
681	Dec. 21	No. 483 Fulton street.	Nuisance.	Work progressing.
682	Dec. 31	No. 4818 Avenue N.	Public nuisance.	Work progressing.
683	Dec. 31	No. 543 DeKalb avenue.	Public nuisance.	Work progressing.
684	Dec. 31	No. 144 Ellery street.	Public nuisance.	Work progressing.
685	Dec. 31	No. 915 Grand street.	Public nuisance.	Not complied with.
686	Dec. 31	No. 1001 Myrtle avenue.	Public nuisance.	Work progressing.
687	Dec. 31	No. 167 Newton street.	Public nuisance.	Not complied with.
688	Dec. 31	No. 182 Norman avenue.	Public nuisance.	Not complied with.
689	Dec. 31	No. 341/2 Skillman street.	Public nuisance.	Not complied with.
690	Dec. 31	No. 643 Union street.	Public nuisance.	Work progressing.

BOROUGH OF THE BRONX.

No.	Date.	Location.	Cause.	Result.
1	Mar. 27	No. 446 College avenue.	Defective drainage.	Complied May 16, 1907.
2	April 25	Eastchester road, east of Sew Mill lane.	Public nuisance.	30 per cent. of order complied with.
3	May 1	One Hundred and Sixty-seventh street and Sheridan avenue.	Public nuisance.	Not complied with.
4	May 1	East side of Nelson avenue, one stable south of One Hundred and Seventieth street.	Public nuisance.	Not complied with.
5	May 1	East side of Wooldycrest avenue, one stable south of One Hundred and Sixty-ninth street.	Public nuisance.	10 per cent. of order complied with.
6	May 20	Southeast corner of Brook avenue and One Hundred and Forty-first street.	Public nuisance.	Vacated June 3, 1907. 25 per cent. of order complied with.
7	June 2	One stable on east side of Hoffman street, between One Hundred and Eighty-ninth and One Hundred and Ninetieth streets.	Public nuisance.	Not complied with.
8	June 3	North side of Fort Schuyler road, opposite St. Raymond's Cemetery.	Public nuisance.	Not complied with.
9	June 3	South side of Gun Hill road, two houses east of Station place.	Defective drainage.	Complied June 18, 1907.
10	June 3	No. 2184 Grand Concourse.	Defective drainage.	Vacated December 24, 1907. 80 per cent. of order complied with.
11	June 3	No. 2185 Grand Concourse.	Defective drainage.	Vacated December 24, 1907. 80 per cent. of order complied with.
12	June 10	Reed's Mill lane.	Public nuisance.	10 per cent. of order complied with.
13	June 10	Middletown road, Westchester.	Public nuisance.	Complied August 16, 1907.
14	June 10	Class Point, Westchester.	Public nuisance.	Complied July 21, 1907.
15	June 26	West side of Glebe avenue, first stable south of Overington street.	Public nuisance.	Not complied with.
16	June 26	Castle Hill, Unionport.	Public nuisance.	Complied August 20, 1907.
17	June 26	Castle Hill, Unionport.	Public nuisance.	Complied August 20, 1907.
18	June 26	Burke Farm, Bronsdale and Hunt avenues.	Public nuisance.	Complied September 28, 1907.
19	June 26	No. 506 Rollins avenue.	Public nuisance.	Complied August 20, 1907.
20	July 13	No. 1838 Boston road.	Public nuisance.	Complied October 2, 1907.
21	July 24	No. 1832 Vineyard place.	Defective drainage.	Complied July 31, 1907.
22	Nov. 20	No. 232 Forest avenue.	Defective plumbing.	Vacated December 3, 1907. Work progressing.
23	Nov. 27	No. 2314 Honeywell avenue.	Nuisance.	Not complied with.

No.	Date.	Location.	Cause.	Result.
22	Nov. 27	East side of Nelson avenue, first stable east of One Hundred and Seventieth street	Public nuisance	75 per cent. of order complied with.
23	Dec. 25	North side of Briggs avenue, first stable east of Fourth avenue, Williamsbridge	Public nuisance	80 per cent. of order complied with.

BOROUGH OF QUEENS.

No.	Date.	Location.	Cause.	Result.
1	Jan. 28	Hoffman boulevard, near Remsen lane, Newtown	Public nuisance	Complied May 6, 1907.
2	Jan. 28	Old South road, Aqueduct	Public nuisance	Complied October 7, 1907.
3	Feb. 13	Morris and Cumberland streets, Jamaica	Public nuisance	Complied April 26, 1907.
4	Feb. 13	Fulton street, near Howard avenue, Hollis	Public nuisance	Complied November 17, 1907.
5	Feb. 13	Wolcott avenue, near Shore road, Long Island City	Public nuisance	Complied February 26, 1907.
6	Feb. 13	Corner Merrick road and Baylis street, Springfield	Public nuisance	Complied April 26, 1907.
7	Feb. 13	No. 938 Crescent street, Long Island City	Public nuisance	Complied October 17, 1907.
8	Feb. 13	No. 47 North Washington place, Long Island City	Public nuisance	Complied July 16, 1907.
9	Feb. 20	No. 138 Lenox avenue, Maspeth	Public nuisance	Complied June 6, 1907.
10	Feb. 20	Head of Vleigh, Flushing	Public nuisance	Complied May 6, 1907.
11	Feb. 20	No. 65 Collins avenue, Maspeth	Public nuisance	Complied June 18, 1907.
12	Feb. 20	Corner Water and Ferry streets, Woodhaven	Public nuisance	Complied July 30, 1907.
13	Feb. 20	West side of Trotting Course lane, 500 feet west of Juniper Swamp road, Middle Village	Public nuisance	Complied July 24, 1907.
14	Feb. 20	Old Brook School road, corner of Celtic avenue, Laurel Hill	Public nuisance	Complied December 26, 1907.
15	Feb. 20	West side of Shoe and Leather street, 250 feet north of Third street, Woodhaven	Public nuisance	Complied December 16, 1907.
16	Feb. 20	Jamaica avenue, opposite Spruce street, Richmond Hill	Public nuisance	Complied March 20, 1907.
17	Feb. 20	Northwest corner of Ebert and Flushing avenues, Newtown	Public nuisance	Complied October 17, 1907.
18	Feb. 20	South side of Adriatic street, 100 feet east of Collins avenue, Maspeth	Public nuisance	Complied December 9, 1907.
19	Feb. 20	Spring Creek, 500 feet south of pipe line, Woodhaven	Public nuisance	Complied October 15, 1907.
20	Feb. 20	Cumberland and Morris avenues, Jamaica	Public nuisance	Complied April 2, 1907.
21	Feb. 20	North side of Martin street, two houses east of Flushing avenue, Metropolitan	Public nuisance	Complied March 12, 1907.
22	Feb. 20	400 feet east of railroad bridge at Jamaica avenue, Richmond Hill	Public nuisance	80 per cent. of order complied with; work progressing.
23	Feb. 20	Pale Alto avenue, 600 feet north of Palermo avenue, Holliswood	Public nuisance	Complied April 2, 1907.
24	Feb. 20	West side of Hall street, 350 feet north of Flushing road, North Beach	Public nuisance	Complied April 4, 1907.
25	Feb. 20	No. 212 Water street, Woodhaven	Public nuisance	50 per cent. of order complied with; work progressing.
26	Feb. 20	Warren and Porrest streets, Corona	Public nuisance	25 per cent. of order complied with.
27	Feb. 20	Point View Grove, College Point	Public nuisance	Complied June 10, 1907.
28	Mar. 20	No. 98 Broadway, Long Island City	Defective drainage	Complied March 27, 1907.
29	April 3	Amity street, between Percy street and Central avenue, Murray Hill	Public nuisance	Complied May 22, 1907.
30	April 3	East side of Lefferts avenue, between Williamsburg road and Hoffman boulevard, Newtown	Public nuisance	Complied April 18, 1907.
31	May 1	Northwest corner of Juniper Swamp road and Dry Harbor road, Middle Village	Public nuisance	70 per cent. of order complied with; work progressing.
32	May 1	West side of Juniper Swamp road, north of Furman avenue, Middle Village	Public nuisance	85 per cent. of order complied with; work progressing.
33	May 13	East side of Church street, 175 feet south of Fulton street, Jamaica	Public nuisance	Complied May 24, 1907.
34	May 28	No. 41 Vernon avenue, Long Island City	Defective drainage	Complied July 5, 1907.
35	May 28	No. 43 Vernon avenue, Long Island City	Defective drainage	Complied July 5, 1907.
36	May 28	No. 45 Vernon avenue, Long Island City	Defective drainage	Complied July 5, 1907.
37	June 26	Queens Borough Hill, near Island Mills road, Flushing	Public nuisance	Complied July 18, 1907.
38	Aug. 28	Arverne Pier Theatre, Arverne-by-the-Sea	Defective construction	5 per cent. of order complied with.
39	Aug. 28	Hoffman boulevard, two houses from Fulton street, Jamaica	Nuisance	Complied October 17, 1907.
40	Aug. 28	East side of Hoffman boulevard, four houses north of Fulton street, Jamaica	Nuisance	Complied October 17, 1907.
41	Aug. 28	South side of Bay Shore terrace, one house east of Grant boulevard, East Elmhurst	Nuisance	Complied October 26, 1907.
42	Oct. 16	No. 595 Webster avenue, Long Island City	Defective drainage and plumbing	Complied November 14, 1907.
43	Oct. 21	No. 86 Main street, Long Island City	Nuisance	Complied October 20, 1907.
44	Oct. 23	No. 88 Main street, Long Island City	Nuisance	Complied October 20, 1907.

BOROUGH OF RICHMOND.

No.	Date.	Location.	Cause.	Result.
1	April 18	No. 2 Holland avenue, Third Ward	Nuisance	Complied July 6, 1907.
2	April 18	No. 5 Holland avenue, Third Ward	Nuisance	Complied July 6, 1907.
3	April 18	No. 6 Holland avenue, Third Ward	Nuisance	Complied July 6, 1907.
4	April 18	No. 8 Holland avenue, Third Ward	Nuisance	Complied June 3, 1907.
5	April 18	No. 9 Holland avenue, Third Ward	Nuisance	Complied July 5, 1907.
6	April 18	No. 11 Holland avenue, Third Ward	Nuisance	Complied June 3, 1907.
7	April 18	No. 13 Holland avenue, Third Ward	Nuisance	Complied June 3, 1907.
8	April 18	No. 15 Holland avenue, Third Ward	Nuisance	Complied June 3, 1907.
9	April 18	No. 18 Holland avenue, Third Ward	Nuisance	Complied May 9, 1907.
10	April 18	No. 21 Holland avenue, Third Ward	Nuisance	Complied July 6, 1907.

Removal of Garbage from the Streets of the City

For some weeks during the late spring and early summer of the present year, the employees of the Street Cleaning Department (and especially the Drivers of that Department), were much dissatisfied with the conditions under which they were being compelled to work, and were especially dissatisfied with their pay, which they considered inadequate. In addition to this there was a system of fines and penalties in the Department, which were being enforced automatically, and as the men claimed, with little or no justice.

As a result of these conditions, early in the last week of June, the Drivers of the Department of Street Cleaning, in the Borough of Manhattan, refused duty. This was a particularly unfortunate time of the year for such an occurrence. The weather was warm, and the season of fruits and fresh vegetables was just opening.

Many householders took advantage of the absence from duty of the Drivers of the Street Cleaning Department, and threw rubbish and refuse of all kinds into the

streets (such as trunks, furniture, clothing and bedding). In a very few days the streets had large accumulations of putrefying garbage in them; barrels and cans were filled to overflowing, and in the crowded districts of the Borough, the conditions were rapidly becoming intolerable.

Efforts were made on the part of the officials of the Street Cleaning Department to adjust the differences between the Department and the dissatisfied employees, but without avail.

On June 28, the Mayor, after consultation, and after receiving due legal advice, officially informed the Department of Health of the existing conditions, and instructed it to bring into play its extraordinary powers for the abatement of this most grievous nuisance. In accordance with these instructions, late in the afternoon of the same day, it was decided to make an effort at cleaning the streets in a few small sections of the City that night. Two of the most important streets were selected as the places from which to operate first. The Superintendents were notified by tele-

phone of the determination to take charge, and they were instructed to remain at their posts, keeping with them all of their stable men and hostlers. These stables were: Stable "G," at No. 44 Hamilton street, and Stable "A," at Avenue C, Sixteenth and Seventeenth streets; at the same time all of the available laborers in the Department of Health were congregated at Stable "G"; men even being brought down from the Tuberculosis Sanitarium at Otisville. As these men arrived, horses were harnessed to carts, and the carts were sent out, accompanied by a sufficient number of Patrolmen to preserve the peace, and by an Inspector to represent the Department of Health.

No carts left Stable "A" on this first night, and but few carts were sent out from Stable "G," where it was clearly demonstrated, not only to the officials of the Department who were conducting this their first experience in street cleaning, but to the people of the East Side themselves, that the Department could, and would do the work, and that it could be carried on in a decent and orderly manner. In the meantime, arrangements were being made with various employment bureaus, who make a specialty of furnishing labor for contracting work, excavating, etc., to supply the Department with laborers. These agencies delivered men as fast as possible during that night and early the following morning at Stable "G" and Stable "A."

At Stable "G," which was the first stable from which any systematic work was done, and at which any effective results were accomplished, the system of operation was as follows: The carts were lined up in the stable yard, to each of which was furnished a driver and a helper, the object being to do the work in as rapid and effective manner as possible. The carts were sent out in squads of not less than four nor more than six. Before opening the gates and allowing the carts to enter the street, a squad of police under the command of a Sergeant was formed around the carts; one Patrolman with the Sergeant being placed at the head of the line as a point. In addition, there was assigned to each cart a Patrolman, alternating in position from side to side of the cart as they were in the column. At the rear of the column was still another Patrolman, whose duties were to keep the columns closed up and to prevent interference from the rear. Each squad, as described above, was under the charge of an Inspector of the Department of Health (Fig. 11). These squads left the stable as fast as laborers could be secured to man the wagons, so that by the end of the second day practically all of the available carts and horses in Stable "G" were in use.

On the afternoon of the day in which the Department of Health took charge of the equipment of the Street Cleaning Department, it was felt to be desirable that the carts be marked in some distinctive manner so that all persons would realize that the carts and the men connected with them were being used by the Department of Health, and under its protection; therefore, orders were immediately issued for the preparation and printing of a number of signs in large letters, "Department of Health" (Fig. 10). These signs were affixed to both sides of each wagon before they left the stable, and undoubtedly contributed in no small degree to the orderly collection of garbage, and the prevention of disorder (Figs. 12 and 13).

While matters were progressing in the manner described at Stable "G," efforts were being made to move the equipment of Stable "A," but not with the same degree of success. This lack of success was primarily caused by the presence of a large number of rioters and disorderly persons in the immediate neighborhood of the stable, and it was therefore impossible with the police who were present to adequately control the conditions; consequently a greater length of time elapsed before the complete equipment of Stable "A" was in use.

At midnight of June 30 it was decided to open up other stables on the following morning. In accordance with this plan Inspectors were sent to Stables "C," in West One Hundred and Thirtieth street, "D," in East One Hundred and Sixteenth street, "F," foot of East Eightieth street and "H," East Forty-eighth street. These Inspectors were instructed to man and equip their carts in the same manner as previously described for Stable "G."

At first there was some considerable difficulty experienced in obtaining workmen for all these stables, and at so short a notice, but by the middle of the forenoon a large number of men had been secured and placed at work.

At Stable "D" and Stable "F" the instructions in regard to the arrangements of working squads were not carried out. At Stable "F" fifteen carts were dispatched in one squad. At Stable "D" thirty-two carts were dispatched in one squad. These squads were so large and unwieldy that it was impossible to adequately protect the laborers in their work. As a result rioters and other disorderly persons broke through the lines in numerous places and, in the detail from Station "F," broke it up entirely so that no garbage could be collected. The squad from Stable "D" was more or less disorganized and broken up, many men were injured and an excessive amount of time was consumed in the collection of the thirty-two loads of garbage.

During the afternoon the misunderstandings of orders had been rectified and from all stables the carts went forth in the manner specified, and at no time while the group of carts consisted of six or less was there any serious disorder or were any employees or laborers of the Department of Health seriously injured. During this day and during the day following large numbers of men were constantly reporting for work and were placed at work as fast as possible.

On the morning of July 2 the regular employees of the Department of Street Cleaning reported for duty. They were assigned to their regular carts and went to work with apparent enthusiasm. The laborers in the employ of the Department of Health were segregated in the various stables to prevent any clash between them and the regular employees of the Department of Street Cleaning.

On the morning of July 3 the Drivers of the Department of Street Cleaning again reported for duty and were assigned to work in a similar manner. During this day the representatives of the Drivers held conferences with the officials of the Department of Street Cleaning and with the Mayor, and agreed to submit their differences to arbitration. These representatives announced that they were satisfied with the outcome and that all the Drivers of the Department of Street Cleaning would remain at work thereafter continuously; consequently the temporary employees of the Department of Health were notified that their services were no longer required, and they were dismissed and allowed to go to their homes. Up to this time they had been housed in the various stables and fed by Department of Health employees from the hospitals.

In addition to furnishing labor for loading the carts, many of the employees of the Department of Health were sent to the various garbage dumps to assist in trimming the scows and unloading the carts, and over fifty men were sent to the foot of East One Hundred and Twentieth street, where an emergency dump had been established and where all of the material had to be dumped on the dock and then handled by shovels and wheelbarrows before being placed on the scows.

On Saturday, June 20, Disinfectors of the Department were assigned to the crowded sections of the city and furnished with large quantities of bromine. They dissolved this bromine in casks of water which had been placed on the trucks. These trucks were driven through the streets and the piles of garbage were thoroughly sprinkled with this strong bromine solution, the object being to deodorize the garbage and to prevent for a short period of time its further decomposition. This work with bromine was kept up until all of the accumulated garbage had been removed from the streets.

The accompanying map will show the amount of work done in cleaning the streets in the district which is supplied from Stable "G," (Fig. 14). Unfortunately records of this sort were not kept at the other stables.

Typhoid Fever in the Borough of Richmond.

During the first eight months of the year 1907 typhoid fever cases were reported in the Borough of Richmond as follows:

Month	Cases
January, 1907	10
February, 1907	5
March, 1907	6
April, 1907	2
May, 1907	3
June, 1907	8
July, 1907	1
August, 1907	41

The cases, therefore, had increased very remarkably during the month of August. As a consequence of this increase inspections were made by the Inspectors of the Division of Communicable Diseases, and after a series of investigations the following conclusions were arrived at: That the milk and shell-fish supplies were not infected and that probably the source of infection was the water supply.

The main water supply of the Borough of Richmond is obtained from two separate systems—that of the Staten Island Water Supply Company, situated at Port Richmond, and that of the Crystal Water Company, situated at Stapleton.

Investigation showed that none of the patients were users of the Crystal Water Company's supply, consequently any investigation which might be made would necessarily be limited to the customers of the Staten Island Water Supply Company and to the sources of its water.

Having these data in mind, the Board of Health of this Department, at a meeting held September 4, 1907, adopted the following preambles and resolutions:

Whereas, It has been reported to this Board that a number of cases of typhoid fever have developed in the region supplied with water by the Staten Island Water Supply Company, in the Borough of Richmond, and that, along with driven wells located in the vicinity of the plant of said company, it also makes use of water from a creek running from Brook's Lake to a stream called Palmer's Run, which said creek receives the storm water from gutters of the streets which cross it and the drainage from adjoining grounds, on which are dwellings which have privies and cesspools; and

Whereas, Samples of water taken from said creek have been found badly contaminated with bacteria; therefore, be it

Resolved, That the Assistant Sanitary Superintendent of this Department for the Borough of Manhattan cause inspections to be made at West New Brighton and elsewhere in the Borough of Richmond and of the said water course, and that he cause orders to issue against the owners of dwelling houses and other places not sewer-connected in the locality of said stream, requiring the cesspools and privies to be emptied, cleaned, disinfected and removed and water-tight metal receptacles with handles to be substituted therefor; further, be it

Resolved, That the said Assistant Sanitary Superintendent cause Inspectors to be detailed for the prosecution of the work aforesaid along with a sufficient number of Patrolmen from the Sanitary Squad.

Acting under the authority vested in him, the Assistant Sanitary Superintendent for the Borough of Manhattan detailed four Sanitary Inspectors and three Patrolmen of the Health Squad to carry out these resolutions. This work was commenced on the fifth day of the same month.

In order to understand the situation it must be borne in mind that the Staten Island Water Supply Company has three plants, situated respectively at West Brighton, Bulls Head and New Springville, and the water supplied by these plants was secured from two sources, viz.: from surface streams by pumping directly from the latter and from an underground supply secured by pump-connected driven wells.

The station at West Brighton is the oldest, and the pumping capacity is largely in excess of either of the other two stations, and provides the public water supply for the north shore of the island from St. George to Port Richmond, and the country districts to the south. At this station the underground water is tapped by 155 driven wells, varying from seventy-five to one hundred and thirty-five feet in depth; these are flowing wells and are arranged in groups and are driven at the sides of Palmers Run and Clove Brook.

The wells are connected to a main which is maintained under partial vacuum, and the water is made to discharge into a covered receiving well situated near the pumping station. This well is about fifteen feet in diameter and twenty-six feet deep, brick lined and with tight bottom. The suction main of the Holly pump in the station draws from this receiving well. This pump is a Holly high-pressure horizontal condensing engine, capable of pumping daily five million gallons of water, but pumping under normal conditions about three million gallons. This pump, as stated above, draws from the large receiving well, but if desired connections can be so arranged as to enable the pump to draw directly from the driven wells. The water, after entering the pump cylinder, is forced into the pressure main connected to the underground distribution system so that the latter is always under pressure direct from the pump. In connection with the distribution there is a reservoir on one of the hills in the neighborhood of St. George into which the excess supply from the distribution system enters. Besides the Holly pump are three Knowles pumps, capable of being used in an emergency, and four horizontal tubular boilers for the generation of steam for the pumps. A short distance to the south and west of the station was what was commonly called a filter basin. As a matter of fact it was not a filter basin; was not designed or constructed as a filter basin should be, and performed none of the functions of one; it was simply a settling basin, and a decidedly crude and inadequate one. The sidewalls were constructed of dry rubble masonry about four feet in height, and the bottom had a layer of sand laid on the natural earth. At the extreme southerly end of the basin was a comparatively small pit roughly semicircular in plan and separated from the basin proper by a dry stone wall about two feet high, into which pit water from Clove Brook, flowing alongside the basin, was led by means of a twelve-inch iron pipe. At the north end of the basin was a wrought-iron outlet pipe four inches in diameter, with its overflow point about three feet above the bottom of the basin, and discharging by gravity into the receiving well near the pumping station. The bottom area of basin was about four thousand three hundred and sixty square feet and a little over ninety-eight thousand gallons of water could be freed from mechanical impurities, assuming a depth of water of three feet and a settlement period of twenty-four hours.

The second pumping station of the water company is situated at Bulls Head, where there are seventy-five 4-inch wells driven about 75 feet, there being four lines of these wells open at the top and each one boxed in. As these are not flowing wells the water is drawn from them by means of 2½-inch suction pipes connected to the well casings at a point 8 or 9 feet below the ground level, and extending down into the casings about 30 or 40 feet. These branch suction pipes are connected with the suction main of the pump which, owing to the ground water level at this point being about 12 feet below the surface, is placed in a pit in the pumping station about 8 or 9 feet below the ground level in order to reduce the height of lift and friction. The pump at this station is made markedly different from that at West Brighton or New Springville, and owing to the peculiar motion of its side-arms is called "grasshopper." It is, however, a powerful pump and can easily draw and force the million gallons of water that this station adds daily to the water supply system. There are also at this station a small auxiliary pump and two horizontal tubular boilers of one hundred and fifty horse power each.

The third pumping station is situated at New Springville, a short distance west of the junction of Union avenue and Richmond road, and practically on the bank of Springville Creek, the latter being a branch of Fresh Kills, and at extreme high tide salt water is forced almost up to the pumping station. In connection with this station there are thirty-six 4-inch flowing wells, 75 feet deep, connected directly to the suction main of the pumps, which are of the Worthington horizontal condensing type, and each is easily capable of pumping a million gallons daily—this latter is the amount normally pumped daily at this station into the mains of the water company. Two horizontal tubular boilers of one hundred and fifty horse power each furnish the steam supply. The surface streams owned by the water company, and from which a part of their supply was drawn, are known as Clove Brook and Willow Brook. Clove Brook has one of its sources in Silver Lake, situated to the north of Richmond turnpike and in the neighborhood of Grymes Hill. The water from the lake flows westerly and empties into Clove Lake, and continuing in a general northerly direction enters Richmond and Brooks Lakes, and thence to Rodines Pond, from which it flows to the Kill Van Kull. The other tributary has its source in the high hills south of Little Clove road, flowing northerly into Clove Lake and thence to the Kills, as above outlined. Willow Brook having three tributaries, has its source in the Dongan Hills and flows in a general westerly direction to Bulls Head, crossing the Richmond turnpike near the junction of the latter north of Richmond road. At or near this point the waters of the brook were dammed, and as the ground in the neighborhood of the Bulls Head Pumping Station (in the vicinity of which the wells are driven) is low and marshy, part of this water was consequently retained so that the section south of Richmond turnpike and east of Richmond road was flooded to a depth of 2 or 3 feet, excess water flowed over the dam and took a northeasterly course to Graniteville to its junction with Palmer's Run, and thence to the Kill Van Kull. These streams having their sources in the sparsely settled outlying districts as they approached their common outlet at the Kills, on the north shore of the island, have their courses through populous districts, and as no provision of restricted land on either side of any of the streams existed, and no patrol or supervision was exercised by the water supply company to prevent contamination or pollution of the water of the streams, a systematic sanitary investigation of the conditions that existed along these streams for a thousand feet on either side of the same was undertaken, and all nuisances or conditions that caused, or were liable to cause pollution or contamination of the stream waters were noted and orders issued by this Department for the abolition or abatement of the same.

Some of the major nuisances that contributed to the befouling of the streams were the discharge into the latter directly by pipe connections of human excrement and foul house and factory wastes and liquid filth from stables, the location of water closets directly over the streams, and the direct and continuous overflow to the latter of the filthy contents of defective privy vaults and cesspools. In this last connection it is no exaggeration to say that a tributary to one of the streams flowing to one of the pumping stations had its foundation head in the continuous overflow from an earthen pit which received the excess discharge of a chain of cesspools and represented a condition positively foul and disgusting—the washings of the contents of tight cesspools and privy vaults into the water came at time of heavy rain. This latter condition was due to the fact that the tops of these tight cesspools and privy vaults were at the ground level and gave ready entrance to storm water with its consequent overflow. Rain water falling on the surfaces of cultivated fields, on the unclean surfaces of public highways in the populous districts and on the surfaces of filthy stable and chicken yards, became foul to the extent of being called sewage, and as such entered the streams, adding its share to the already badly polluted water. Also within short distances of several of the streams, and having the ground slope toward the latter, are several cemeteries, the surface and subsoil drainage from which found its way into the streams. In the case of one cemetery—St. Peter's—on the east bank of Clove Brook, interments were made within 50 or 60 feet of the brook.

Fully one thousand inspections were made during the investigation and about five hundred orders were issued by this Department against owners on whose property nuisances were found to exist, calling for the abatement of the latter. These orders had directly for their object the prevention of the contamination of the streams by the entrance into the latter of fecal matter or offensive liquids, and also the prevention of ground pollution. This latter was of importance as at times in several sections of the territory investigated the ground water level was not more than a few feet below the surface. The means adopted to secure these results were the outright abolition of privy vaults and cesspools and the substitution therefor of water-supplied sewer-connected fixtures, where this condition could be carried out. Where no sewer connection could be made the use of privy vaults was prohibited and their place taken by liquid tight metal receptacles set about the ground level, and provided with handles for ready removal. Defective cesspools were also prohibited and liquid tight cesspools substituted, having their tops at least one foot above the ground level so that storm water could not readily enter and cause an unnecessary overflow of the contents. The latter in the case of both privy vaults and cesspools could only be removed by a properly licensed scavenger. In no case was a cesspool permitted to receive excremental matter.

In several sections where there was no public sewer in the street attempts had been frequently made by the more progressive and enlightened of the house-holders to do away with the primitive sanitary conveniences and secure modern sanitary appliances, and proper sewage disposal, by having private sewers constructed under the supervision of the proper City authorities, and connecting to the nearest public sewer, but their efforts had always been balked by an element that opposed the betterment of conditions.

When in the course of the sanitary investigation these sections were reached, and practically simultaneous Board orders were served against all owners, the opposing factions were brought together and amicable relations established that had for their outcome the construction of private sewers in some cases of considerable length, but involving no great expense to any one individual, and with the construction of the private street sewers, houses were separately connected to the same and modern sanitary fixtures installed on the premises, and on the completion of the work extreme satisfaction was evinced by the very element that had originally opposed any such action.

Of the five hundred orders issued covering nuisances shown to exist, between two and three hundred were complied with before the weather became so severe as to prevent the proper performance of outdoor work.

While the sanitary investigation was in progress a series of chemical and bacteriological examinations were being made on samples of water taken from the different streams at various points. These showed the contamination of the water brought about by sewage and the presence of large numbers of bacteria, among them *coli communis*.

Shortly after the investigation commenced the water company, while admitting that stream waters had at times been drawn into the water supply system and distributed to their patrons, contended that that practice had been discontinued and that all water then being distributed by them was drawn from the driven wells and presumably uncontaminated. This contention was doubted, but means had to be taken to prove the truth or falsity of the claim, and as a result the following method was adopted:

Unknown to the officials of the water company, ten pounds of chloride of lithia were deposited in the waters of Clove Brook, and a certain period of time having elapsed, water was drawn from a faucet in one of the houses which was supplied by the water company, and this water being subjected to chemical analysis, the presence of lithia was established. This test settled definitely the fact that surface water was still being used by the water company notwithstanding its denial.

The sanitary investigation, continuing as it did, to disclose so many and dangerous sources of contamination and pollution of the streams, the bacteriological examinations showing the presence of large numbers of bacteria, and the result of the lithia test proving beyond the question of a doubt that the water from the streams in its befouled condition was still being used, brought matters to a head, and at a meeting of the Board, held October 30, 1907, the following resolution was adopted:

Resolved, That until such time as the Staten Island Water Supply Company provides a suitable system of filter beds the use of the water from Willow Brook, Brooks Lake, Richmond Lake, Clove Lake, Valley Lake and its tributaries be discontinued.

This resolution, shutting out as it did the contaminated water from the Willow Brook system, reduced to a very large extent the necessity for the drastic orders which had been issued throughout the watershed. As a consequence, those parts of the order relating to the removal of chickens and stables and to the discharge of stable drainage into water-tight cesspools or into sewers were rescinded. Those parts relating to the disposal of house drainage and the removal of privy vaults were left in force, and in very many instances complied with.

Mercantile Inspection.

The inspection of mercantile establishments has been carried on under the same routine as heretofore. On the 1st of October of this year a very radical amendment to the Labor Law went into effect. This amendment provided that proof of age must be submitted according to a certain definite order, which is as follows:

- (a) Transcript of birth record.
- (b) Certificate of graduation.
- (c) Baptismal record or passport.
- (d) Documentary evidence of age which does not come within any of the foregoing classes.
- (e) Physician's certificate.

This physician's certificate is the radical change in the law. It is provided that in the case of a child being unable to furnish any of the foregoing evidences of age, that its parent may make application for a physical examination. Ninety days after the date of the examination, the child must be examined by two physicians designated by the Department of Health, provided in the meantime no suitable evidence of age has been produced. If, upon this examination, the two designated physicians determine that the child is over fourteen years of age, then the mercantile certificate is issued in the usual manner. This provision of law has been in force, as yet, too short a time to determine the value of it.

On the 1st of October the Board of Health authorized the Child Labor Committee to place in the mercantile office a representative. It was to be the duty of this representative to aid applicants so far as possible in securing proof of age or school records. On the 2nd of October this work was commenced. It has proved to be a most valuable work in that very many children have been able to secure their mercantile certificates at a much earlier date through the untiring efforts of the representative of this committee.

TABLE 28.

Employment Certificates, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of children interviewed applying for certificate.....	26,224	18,974	4,628	1,318	1,048	241
Number of employment certificates granted.....	11,848	6,148	3,366	919	470	240
Number of duplicate certificates issued.....	189	100	162	24	1	.....
Number refused by reason of insufficient education.....	244	60	137	4	4	.....
Number refused by reason of insufficient tuition.....	488	106	170	4	8	.....
Number refused by reason of insufficient evidence as to date of birth.....	291	120	77	.....	42	.....
Number refused by reason of physical incapacity.....	3	2	.....	.....	1	.....
Number of applicants under age.....	309	73	277	34	19	1
Number of applicants over age.....	318	112	220	5	1	.....
Total number refused.....	1,745	699	929	47	78	1

Employment Certificates, Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
*Application for employment certificates.....	18,112	6,711	3,010	800	694	221
Granted.....	11,370	6,208	3,433	977	634	221
Pending before Board.....	41	31	.....	6	.....	.....
Refused.....	644	379	428	16	66	.....
By reason of insufficient education.....	158	38	91	.....	7	.....
By reason of insufficient tuition.....	307	106	131	2	14	.....
By reason of insufficient evidence as to birth.....	221	111	49	1	19	.....
By reason of physical incapacity.....	4	2	.....	.....	2	.....
By reason of being under age.....	54	17	201	13	7	111
Duplicate certificate issued.....	484	257	300	41	4	2
Certificates in force June 30, 1907.....	22,537	16,181	1,807	2,122	1,110	499
Certificates granted during six months.....	11,070	6,196	3,422	978	634	221
Certificates expiring during six months.....	7,173	5,211	239	401	718	170
Certificates in force December 31, 1907.....	30,913	19,114	2,006	2,616	1,444	350

* Children applying and found over age are unclassified as not having applied.

TABLE 29.

Inspection of Mercantile Establishments, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of mercantile establishments inspected.....	41,791	10,082	5,814	608	559	428
Number of complaints received.....	44	27	77	.....	.....	.....
Number of complaints filed for orders.....	382	393	2	.....	.....	.....

* Inspection of Mercantile Establishments Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Inspection—						
Total inspection of mercantile establishments.....	26,046	6,497	3,128	1,176	1,492	287
Inspections of mercantile establishments in which violations of law were found.....	1,219	648	80	448	75	1
Violation—						
Violations of law found.....	1,507	790	107	628	78	2
Children employed without certificates.....	259	380	24	109	10	.....
Male.....	304	160	37	33	15	.....
Female.....	22	20	18	19	1	.....
Basement occupied.....	26	78	4	4	.....	.....
No seats for females.....	16	7	1	8	.....	.....
No separate toilets for females.....	107	63	8	34	2	.....
No register kept.....	22	171	.....	1	13	.....
Work after 7 p. m.....	44	28	2	1	1	.....
Work more than nine hours a day.....	10	1	.....	5	1	.....
Work more than fifty-four hours in a week.....	12	1	.....	8	1	.....
Law not posted.....	301	427	30	191	24	.....

* For complaints and notices see Tables 23, 24 and 25.

Milk Inspection.

The inspection of milk in its various steps from the dairy to the consumer still continues to be one of the great activities of the Division of Inspections. As the method of placing an Inspector in charge of the production of milk and another in charge of the corps which supervises the sale of milk has given such satisfactory results, it was continued during 1907. This system will probably be continued for the reason of simplicity of administration, if for no other.

TABLE 30.

Work Performed by the Milk Inspectors, Six Months Ending June 30, 1907. (Within New York.)

Table with 7 columns: New York, Manhattan, Brooklyn, The Bronx, Queens, Richmond. Rows include Primary inspections, Reinspections, Total, Specimens of milk examined, Samples of milk collected, Quarts of adulterated milk destroyed, Arrests, Held on bail, Discharged, and Amount of fines.

TABLE 31.

Milk Inspection Within New York, Six Months Ending December 31, 1907.

Table with 7 columns: New York, Manhattan, Brooklyn, The Bronx, Queens, Richmond. Rows include Field (Permits issued/revoked), Inspection (Regular inspections, Total), Conditions found (Inspections finding milk above 50 degrees, etc.), and Action Taken (Destruction of Milk).

* Several specimens may be examined at a single inspection.

TABLE 32.

Milk Inspection Outside City, 1907.

Number of dairy inspections: 22,250. Number of creamery inspections: 861.

(a) Country Inspection.

During the year 1907 the regular and systematic inspection of dairy farms which was started systematically the previous year was continued, with a force of sixteen inspectors, one of whom was in charge, and has met with increased interest and co-operation on the part of producers and distributors alike.

During the year the fifteen original districts into which the milk-shed was then divided were changed to five large districts, each of which was placed in the charge of a Supervisor, five of which were picked for their experience and judgment, and represented the best type of men in the work.

ress and assist them in presenting the rules and regulations of the Department in a way best calculated to encourage the observance of these regulations. There have been made during the year 22,500 inspections of dairy farms, and 861 inspections of creameries and shipping stations.

184 F-1908 Perfect Score, 100% File No. Score Allowed.....%

DEPARTMENT OF HEALTH

CITY OF NEW YORK

Dairy Inspection form with fields for Inspection No., Time, A. P. M. Date, Dairyman, P. O. Address, Township, County, State, Owner, Party interviewed, Milk delivered at, Formerly at, Creamery on, R. R., Branch, Miles to N. Y., Creamery operated by, Address, Distance of farm from creamery, Occupied farm since, No. of cows, No. milking, No. quarts produced, All persons in the households of those engaged in producing or handling milk are free from all infectious diseases, Date and nature of last case on farm, A sample of the water supply on this farm taken for analysis, Size of cow barn, length, width, height of ceiling, Dairy Rules of the Department of Health are posted.

Perfect. Allow.

Stable.

Table with 3 columns: Description, Perfect, Allow. Rows 15-38 include Cow Stable location, Floors, Drops, Feeding troughs, Ceiling, Windows, Air Space, Interior of stable, Walls and Ledges, Floors and Premises, Cow Beds, Live Stock, Bedding, Separate Building, Separate quarters, Manure removal, Manure pile, Liquid Matter.

Cow Yard.

Table with 3 columns: Description, Perfect, Allow. Rows 39-40 include Cow Yard grading and cleanliness.

Cows.

Table with 3 columns: Description, Perfect, Allow. Rows 41-49 include Cows examined, Tuberculosis testing, Condition of cows, Cleanliness, Long Hairs, Udder and Teats, Feed, Manure, Water Supply.

Milkers and Milking.

Table with 3 columns: Description, Perfect, Allow. Rows 50-54 include Attendants, Clothing, Hands, Milking process, First Milk.

Utensils.

Table with 3 columns: Description, Perfect, Allow. Rows 55-56 include Milk Pails, Milk cans, Milk messals, Racks, Milking stools.

Table with columns: Item, Perfect, Allow. Section: Milk House, Water. Items include Milk House has, Water Supply for utensils, etc.

These score cards differ from others of a similar nature in that they call for specific and definite information, and not information of a general character. They thus become to a certain extent automatic...

The dairy score card contains 62 items to be noted by the Inspector, and covers every feature of a dairy, be it large or small, from the construction of the dairy barn to the purity of the water supply...

In the 8,000 dairies scored this year, each of the five districts was represented. The average score that was found in this entire number was 59.6 per cent. Following each inspection a letter was addressed to the owner of the dairy...

A "Creamery Score Card" was also adopted. It is based upon the same general principle as that applying to dairies. There are 53 items to be noted, each being given its definite proportionate value in the total of 100 for a perfect score (Fig. 16).

175 F-1908 Perfect Score, 100 Score Allowed, %

DEPARTMENT OF HEALTH

CITY OF NEW YORK

Division of Inspections.

Creamery Report.

Form with fields: File, Inspection No., Time, A. P. M., Date, Location, P. O. Address, County, State, On, R. R., Branch, Miles to N. Y., Owner, Address, Operator, Address, Manager, Is licensed, Number of help, All persons engaged in handling milk are free from any infectious disease, No. of patrons, Average butter fat test for dairies at present, Milk received daily, Lbs., Qts., Cans, Milk train leaves daily at, A. P. M., Arrives at, N. Y. Milk Platform, Method of Pasteurizing, Machine used, Cream is made by hand-skimming, separating, Living quarters are, Located in Creamery, Butter, Cheese, Condensed Milk, Casein or Milk Sugar are, made on the premises, Department of Health Rules are, posted.

Shipments to Customers.

Form with fields: Name, Cases Milk, Address, Cases Cream, Marks, Name, Cases Milk, Address, Cases Cream, Marks.

100 d, '08, 2,000 (P)

Table with columns: Item, Perfect Score, Allowed. Items include Premises surrounding creamery are clean, Receiving Room is partitioned off from main milk room, Weigh vats and storage tanks are covered when in use, Milk Handling Room is used exclusively for handling milk, Is separate from where cans are washed, Is separate from where engine or boiler is located, Is well lighted by windows, All odors and steam are carried to the outside air.

Table with columns: Item, Perfect Score, Allowed. Items include Walls and Ceiling are sheathed and dust-tight, Are painted with some light colored paint, All ledges are clean and free from dust and dirt, Floors are free from dirt, rubbish or pools of drainage, Are made of concrete, stone or some non-absorbent material, Are water-tight, Are graded so that all drainage is discharged at one or more points, Strainers in floor are at least 5 inches in diameter, Space Beneath Creamery is dry, Is free from waste or rubbish, Drains are of earthenware or iron, Are water-tight, Are continuous from the floor level to point of disposal, Are protected against freezing, Drainage is satisfactorily disposed of, Milk Pumps and Pipes for milk can be readily taken apart, Are thoroughly cleaned daily, All steam and water pipes are painted and clean, Milk Vats are in good repair, All tin joints are soldered flush, Are thoroughly cleaned daily, Milk Cans are washed with hot water and washing solution, Are rinsed out with clean water, Are exposed to live steam for at least two minutes, All Milk is protected from dust and dirt while in pools, Is protected while in mixing vats or over agitators, Is received at a temperature not above 50° F, Is kept below 50° while held or handled on premises, Cooling Tanks are water-tight, Are made of some non-absorbent material, Are supplied daily with clean water or filled with clean ice, Water Supply is ample for all the needs of the creamery, Water supply is apparently free from all contamination and is from the old custom of unhesitatingly accepting any milk that was not either skimmed or watered, Storage Tank for water is cleaned regularly, Is covered or protected against dirt, Attendants are cleanly in their habits, Garments worn by wash employees are clean, Privy, water closet, earth closet, tight vault is satisfactorily located, Is in a cleanly condition, Spitting or Smoking in any part of the building is allowed, Remarks, 100

Inspector of Foods.

The success of the score card system in its practice has been best shown, perhaps, by the action of a number of the larger milk companies in giving notice to their patrons that in the future the full contract price will apply only to those dairies scoring 60 per cent. or over; a somewhat lower price being given for milk from dairies scoring under 60 per cent.; and the milk from dairies scoring under 50 per cent. not being accepted at all.

This system of scoring each dairy has in many sections awakened the spirit of healthy rivalry even where the score does not concern the commercial end; and this is shown by the large number of letters received from dairymen in such sections inquiring as to the comparative values of the recommendations that have been made upon their dairies, and by how large an amount their compliance with certain of the recommendations will increase their score.

As a result of the great interest that has been aroused by the inspection of the various sources of the milk supply of New York City, much discussion has resulted concerning the work itself, its scope and magnitude; and many erroneous impressions assent the authority for such inspection from a legal, ethical or moral viewpoint. Partly to dispel these false impressions, partly to explain to the milk producers themselves the necessity for properly safeguarding the City's milk supply, and partly in acceptance of numerous invitations, the Inspector in charge of the country inspection has been frequently detailed to attend grange meetings and farmers' institutes to make addresses of an explanatory nature, and to answer whatever inquiries might be asked of him.

A large number of photographs have been taken during the year of various features of dairies and creameries. Some of these photographs show new conditions, and some of them have been taken to show previously photographed features after the compliance with recommendations which had been made for the sanitary improvement of the premises. This has proved to be a very satisfactory method of supplementing a written report.

The Inspectors assigned to country inspection are instructed to take samples of water used in dairies or creameries wherever there is reason to suspect pollution or contamination thereof, and there have been a large number of samples received for analysis in consequence. Whenever the analysis shows any contamination which renders the use of this water unwise or unsafe, notice of this condition is promptly sent to all concerned, i. e., the owners or tenants of dairies and the owners or operators of creameries, in order that a new supply may be provided. This is a feature of the Department's work which is undoubtedly proving most beneficial to the country districts by urging and proving the necessity of protecting the source of the domestic water supply.

In a number of instances the Inspectors assigned to country division have found milk being adulterated, either by the creamery manager or by the dairyman. In either case, if the milk is being shipped to the city in that condition, the Inspector, after marking the cans for identification, has followed, seized and destroyed it when it reached the city. If possible, the parties concerned have been arrested and prosecuted.

During this year two of the largest milk-carrying railroads invited an official inspection of all the creameries located on their respective lines. The inspection party on those occasions included the Chief Sanitary Inspector and officials of the Department of Health and the railroad. A vast improvement was found at nearly every creamery; some of the creameries, however, had been closed, as their conditions were so bad that it would have been necessary practically to rebuild them in order to comply with the Department's recommendations.

The greatest improvement in the creameries was found in the methods of washing the cans, bottles and utensils. This was a point upon which the Department had been very particular, with the result that a great many creameries had installed additional vats, and steam boilers had been provided for the sterilization of the cans.

Following are the resolutions of the Board of Health, adopted March 13, 1907, in relation to infectious diseases among milk handlers:

Resolved, That after April 1, 1907, every creamery or milk station which ships milk or cream, or both, to The City of New York, shall be required, through its agents, to furnish to the Department of Health of the said City on Monday of each week a report stating the existence or non-existence of any one of the following infectious diseases in the households of all persons employed in the collecting or handling of milk, either at the creamery or at the farms or dairies supplying it, namely, typhoid fever, tuberculosis, diphtheria, scarlet fever, dysentery, or any other infectious disease.

Resolved, That every creamery or milk station shall require each dairyman or farmer sending milk or cream, or both, to such creamery or milk station to report in writing on Saturday of each week as to the existence or non-existence of any one of the above mentioned infectious diseases in the household of every employee in his farm or dairy who is connected in any way with the care or handling of milk.

Resolved, That these weekly reports shall be kept on file at each creamery or milk station for a period of at least six months after their receipt, and shall be always open to the inspection of the representatives of the Department of Health.

Resolved, That in the case of the existence of any one of the above specified infectious diseases in the household of any person employed in collecting or handling milk, either at the creamery or at the farms or dairies, the said employee shall be immediately excluded from any duties in this connection. This exclusion shall be maintained until a certificate from the attending physician has been forwarded through the creamery or milk station and its New York agents to the Department of Health, stating that the individual has completely recovered from the illness in question and that there no longer exists any possible danger of infection.

Resolved, That when typhoid fever or dysentery exists in any household of any employee of any creamery, farm or dairy sending milk to New York City, no water from any well or spring within one hundred feet of such premises, or from any well or spring used by the household, shall be used in the barns or for cleansing milk utensils without the consent of the Department of Health.

Resolved, That blanks for these various reports from the farms, dairies, creameries or milk stations will be furnished by the Department of Health.

Resolved, That the failure of any creamery or milk station, farm or dairy to comply with the provisions of these resolutions may be considered sufficient cause for the exclusion of such milk or cream from The City of New York.

There have been prepared and distributed the following forms, in accordance with these resolutions:

First—Weekly report blanks, to be signed by each dairyman who is a creamery patron, concerning the existence or non-existence of infectious disease upon his premises or in his household. These reports are addressed and handed to the creamery manager each Saturday morning, and are by him kept on file for six months.

Second—Weekly report cards, to be signed by the creamery manager, stating that he has received the requisite report from each of his patrons and summarizing cases of infectious disease, if any, reported by them. These reports are sent to the New York City agent of the creamery each Saturday afternoon.

Third—Weekly report cards, concerning the existence, or otherwise, of infectious disease on the farms or in the households of dairymen whose milk is shipped direct to agents in the City. These reports are sent to the New York City agents each Saturday afternoon.

Fourth—Weekly report cards, concerning the existence, or otherwise, of infectious disease on the premises or in the households of dairymen living in or near the City and who peddle their milk themselves. These reports are sent direct to the Department every Saturday afternoon.

Fifth—Weekly report cards to be signed by dealers in the City, stating the number of their sources of supply, and that a report for the preceding week had been received from each source. These reports are sent to the Department each Monday morning, and accompany the reports received from each of the various sources of supply named in it. Some difficulty was anticipated and encountered at first in securing the dairymen's reports, but as most of the milk companies have made the compliance with this rule a part of their contract, it is believed that the future working of the system will prove satisfactory, and become an additional protection to the City's milk supply.

(b) City Inspection.

During the year 1907 the methods of inspection of milk, while being offered for sale, have been much the same as in previous years so far as the physical examination of the milk and the sampling of it is concerned. The Inspectors of Food have been assigned to definite districts in the various Boroughs and routine inspections have been made. As usual, the Inspectors examine milk sold on wagons at receiving points and in stores where milk is sold at retail. Occasional raids have been made in certain sections of the City and at unusual times. During the year there have been made 115,737 inspections, 8,880 samples have been taken, of which 552 have been found to be adulterated. As a result of prosecutions and in cases where the milk has been found to be below the standard, there has been collected in fines \$8,125. This amount is considerably less than that collected for similar cases last year. There are several reasons for this. First, some of the Milk Inspectors have been detailed to special work, or to work which was not previously done by Milk Inspectors. Again, many of the samples included under samples taken have been those which were collected for bacteriological examination, and in these cases no prosecutions could follow. Particularly during the latter part of the year there has been an unusual surplus of milk; this surplus has been due partly to the increased price paid by the dealers to dairymen for raw milk, and also to the decreased demand for milk in the City, on account of the increased price asked, and because of the hard times, which resulted in a curtailing of expenses on the part of many consumers of milk.

In the early part of the year two Inspectors were detailed to the inspection of all the City milk plants owned by dealers who in any way handle milk in the City. A number of pasteurizing and bottling plants exist in the City, together with many places where milk is held and stored by dealers for future delivery. All these places have been carefully inspected and as a result of the inspections many unsatisfactory conditions were found, such as improper protection of the milk from contamination by dust and dirt, improper cooling, connecting doors or passageways between stables and rooms where milk was stored or handled, lack of care in washing containers, etc.

Where improper conditions were found the dealer responsible therefor was summoned to the Department and told what improvements were necessary to render his plant sanitary. In addition, orders or notices were issued in the same manner as after inspections by the Sanitary Inspectors. As a result the conditions under which milk is handled in the city have been greatly improved.

For many years there had been complaints received from milk shippers and from inspectors who had occasion to observe conditions at the creameries and dairies, that a considerable proportion of the cans and bottles in which milk was shipped were being returned to the country in such a state that the mere thought of their being used for milk was repulsive; no attempt being made to wash them before leaving the City, they often contained putrid milk, refuse, garbage and indescribable filth.

Reports of these conditions were forwarded through the usual channel to the Board accompanied by exhibits of cans and bottles collected at random from milk dealers.

As there was no provision of law adequately to meet this situation, which to say the least was contributing in no small degree to the bacterial impurity of the milk offered for sale in the city, the Board of Health on February 19, 1907, adopted this additional section to the Sanitary Code:

Resolved, That section 183 of the Sanitary Code be and the same is hereby amended so as to read as follows:

"Section 183. It shall be the duty of all persons having in their possession bottles, cans or other receptacles containing milk or cream, which are used in the transportation and delivery of milk or cream, to clean said bottles, cans, or other receptacles or cause them to be cleaned immediately upon emptying.

"No person shall use or cause or allow to be used any receptacle which is used in the transportation and delivery of milk or cream for any purpose whatsoever other than the holding of milk or cream; nor shall any person receive or have in his possession any such receptacle which has not been washed after holding milk or cream or which is unclean in any way."

All dealers and persons retailing milk were notified of the passage of this law and inspections were made of the cans and bottles found upon wagons as the containers were being returned to the various railroad stations for shipment to the country for refilling. The dealers on whose wagons unclean cans and bottles were found were notified of the fact and warned that the repetition of the offense would result in prosecution.

When subsequent inspections revealed continued carelessness arrests were made and convictions secured in nearly all cases. There were during the year 112 arrests made for violations of this section. Comparatively few fines were imposed for first offenses, but the efforts of the Department have resulted in greatly improved conditions. All dealers now wash cans and bottles before returning them to the country and have induced their customers to whom they sell milk in cans for the purpose of retailing, to wash their cans as soon as they are emptied, by the simple means of refusing to accept empty cans which were unclean.

The object of the law, of course, is to secure the washing of the containers as soon as they are empty by the users of the milk. Prosecutions have been made of many retail dealers who sell milk from cans in stores and shops and who have failed to wash the cans when their sales were completed. As a result of this work, cans are now being returned to the dealers in a much better condition than formerly. At the instance of the Department many dealers who filled bottles and used the paper caps, printed upon them the words: "This bottle must be washed as soon as empty, by order of the Board of Health." This notice brings the law to the attention of the householders who use the milk direct from the bottle.

During the year two Inspectors have been detailed to the taking of samples of milk for bacteriological examination. About two hundred samples are procured each week and tests are made at the bacteriological laboratory to determine the number of bacteria contained in the milk. Many interesting results have been obtained. In many instances pasteurized milk was found to contain bacteria by the million, while some milk shipped from the country in raw state had very low counts, some being as low as 10,000 per c. c. When the number contained has been found to be excessive the dealers responsible for the milk have been notified by the Department of this fact and warned that the conditions must be improved. In some instances investigations undertaken as a result of these high counts, have revealed conditions of production and handling which called for specific and radical changes.

On June 26 of this year the Board of Health adopted the following revised set of Rules and Regulations for the Care and Sale of Milk:

1. No permits for the sale of milk, condensed milk and cream shall be granted until after an application has been made in writing on blanks provided for that purpose.

2. No permit for the sale of milk, condensed milk and cream shall be granted until after the premises, where it is proposed to care for and handle such milk, condensed milk and cream, have been rendered sanitary.

3. All wagons used in the transportation of milk, condensed milk or cream, shall have a permit which shall expire on the last day of December of the year in which the permit is granted. All wagon permits now extant shall expire on December 31, 1907. Permits on all wagons engaged in the sale or transportation of milk, condensed milk or cream must be conspicuously displayed so that they may be readily seen from the street.

4. Permits for the sale of milk in stores shall be so conspicuously placed that they may be readily seen at all times.

5. Milk, condensed milk and cream must not be transferred from cans to bottles or other vessels on streets, on ferries or at railroad depots, except when transferred to the vessel for a purchaser at the time of delivery.

6. Milk, condensed milk or cream shall not be kept for sale nor stored in any stable or room used for sleeping or domestic purposes, or in any room having communication with such stable or rooms, or with water closet apartments, except when such water closet apartments are inclosed by a vestibule and are properly ventilated to the external air.

7. Milk, condensed milk or cream must not be sold or stored in any room which is dark, poorly ventilated or dirty, or in which rubbish or useless material is allowed to accumulate, or where there are offensive odors.

8. The vessels which contain the milk, condensed milk or cream, while on sale, must be so protected by suitable covers, and must be so placed in the store, that the milk, condensed milk or cream will not become contaminated by street dust and dirt.

9. Cans containing milk, condensed milk or cream for sale, shall not be allowed to stand on the sidewalk or outside the store door.

10. Cans in which milk, condensed milk or cream is kept for sale, shall be kept either in a milk tub, properly cooled, or a clean ice box or refrigerator, in which only these, or similar articles of food, are stored (see section 53, paragraph 9, of the Sanitary Code).

11. All cans, bottles and other receptacles in which milk, condensed milk or cream is handled, transported or sold must be thoroughly cleaned and sterilized before filling; but such cleaning shall not be done, nor shall such receptacles be filled in any place which does not conform with the provisions of paragraph 6 of these rules and regulations.

12. All dippers, measures or other utensils used in handling milk, condensed milk or cream, must be kept clean and sanitary while in use, and shall be thoroughly washed and sterilized directly after each day's use.

13. The ice box or ice tub in which milk, condensed milk or cream is kept, must be thoroughly cleaned by scrubbing, at least twice a week.

14. The overflow pipe from the ice box in which the milk, condensed milk or cream is kept, must not be connected directly with the drain pipe or sewer, but must discharge into a properly trapped, sewer-connected, water-supplied, open sink (see section 34 of the Sanitary Code).

15. Any person having a contagious disease or caring for, or coming in contact with any person having a contagious disease, shall not handle milk.

16. All stores which have permits for the sale of milk, condensed milk or cream, will be frequently inspected to determine their sanitary condition, and will be scored by a system adopted by the Department of Health.

17. The revocation of permits will ensue if the score is found repeatedly below the required standard.

18. The revocation of permits will ensue for the violation of any of these rules and regulations.

19. The revocation of permits will ensue upon the repeated conviction of the holders thereof of violations of any section of the Sanitary Code relating to the adulteration of milk, condensed milk or cream.

These rules are more stringent than those which were previously in force, and are designed to protect the milk more fully from contaminating influences.

For the more effective enforcement of the rules embodied in this list a system of score cards for use in the inspection of milk stores has been adopted (Fig. 17).

DEPARTMENT OF HEALTH

MILK STORE SCORE CARD

CITY OF NEW YORK

Address..... Borough of..... Permit No..... Granted.....

Name	Business	Perfect Score	Dates of Inspections																				
1. General Surroundings Are Clean, 10. Fairly Clean, 5. Dirty, 0.....		10																					
2. Ventilation Is Good, 2. Fair, 1. Bad, 0.....		2																					
3. Lighting Is Good, 2. Fair, 1. Bad, 0.....		2																					
4. Walls and Ceiling Are Clean, 2. Dirty, 0.....		2																					
5. Floors are Clean, 2. Fairly Clean, 1. Dirty, 0.....		2																					
6. Attendants Are Apparently Free from Contagious Disease.....		8																					
7. Are Cleanly in Their Habits.....		4																					
8. Wear Clean Clothing.....		3																					
9. Wear Clean, White Suits.....		2																					
10. Store Is Selling Milk Exclusively, 15. Is Selling Milk, Dairy Products, and Goods in Sealed Packages, 10. Is Selling Milk and Bakery Products, 8. Is Selling Milk and Cooked Foods, or General Groceries, 6.....		15																					
11. Milk After Its Receipt and Before Sale Is Kept in a Cleanly Manner.....		4																					
12. At a Temperature Not Above 50° F., 5. Otherwise, 0.....		5																					
13. Milk During Sale Is Kept in a Clean, Properly Drained Ice Box, Used Only for Milk, 15. Other Foods Kept in Ice Box, 8. Milk Kept in a Clean, Well Covered Ice Tub, 10.....		15																					
14. Utensils Are Clean, 5. Dirty, 0.....		5																					
15. Are Sterilized Before Use.....		2																					
16. Seams Are Soldered Flush.....		1																					
Carried Forward		82																					

Reverse of Card

Perfect Score	Dates of Inspections																						
Brought Forward	82																						
17. Milk Kept at a Temperature of 45° F. or Below, 15. 45° to 50°, 10. 50° to 55°, 5. 55° or Above, 0.....	15																						
18. A Lactometer Is Used in Testing the Milk.....	4																						
19. A Thermometer Is Used in Testing the Milk.....	6																						
Total Score	104																						

Dealers Supplying Milk																							
Inspector																							

Three inspectors have been detailed to make examinations of all stores where milk is sold and to note on the score card where violations of the rules are found, special attention being given to the observance of rules 6, 10 and 12. Where violations of the rules are found, or where the score is found to be so low as to be unsatisfactory, the owner of the store is notified by letter of this fact and a reinspection is made of the store. If, on reinspection no improvement in the condition is found, the owner is given an opportunity to appear personally before the Board of Health to show cause why his permit should not be revoked. If, after this appearance the violations continue, or the score be persistently below the required amount, the permit is revoked.

During the year about 5,000 inspections have been made and the results noted on these score cards. By keeping these cards on file in a cabinet it is possible at any time to ascertain the history of any store which has a permit for the sale of milk. Many stores which were otherwise unsuitable for the sale of milk have adopted the method of building a booth in the store large enough to contain the milk can and allow of the milk being dipped into the container of the customer, with the door leading to the booth closed. This door is kept closed by a spring; the booth has sufficient window space for proper lighting and some means of ventilating the booth to the outside air is provided.

When booths are constructed in this manner and after they have been approved, a permit is granted and milk is allowed to be sold.

As a result of this more systematic inspection of stores the general condition of retail stores where milk is sold has been considerably improved. Greater improvement

would undoubtedly be effected if a larger force of inspectors were employed so that more frequent inspections could be made and violations of the rules more stringently punished.

Food Inspection.

The inspectors of foods detailed for other duties than those for the inspection of milk have been engaged in the investigation of a number of new matters. The most important of these are set forth here. Tables 33, 34, 35, 36 and 37 show summaries of the routine work of the inspectors of foods during the year.

TABLE 33

Inspection and Condemnation of Fruit, Foods, Meat and Fish, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of inspections.....	392,206	272,884	104,978	6,775	5,226	2,543
Number of pounds of fruit destroyed.....	1,242,325	3,053,012	156,473	28,270	1,310	200

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.		Inspections.	Condemnations.	Pounds Condemned.
Number of pounds of vegetables destroyed	1,506,443	1,327,216	216,486	45,950	852	15,925	Stock yards	5,941	.....	.....
Number of pounds of groceries and canned goods destroyed	218,571	215,812	1,009	850	.....	.....	Slaughter houses	27,831	669	152,208
Number of pounds of confectionery destroyed	25,279	25,279	.....	.....	.....	.....	Commission houses	4,846	276	11,304
Number of pounds of meat destroyed	1,111,004	992,110	112,374	2,516	2,398	162	Fat houses	270	.....	.....
Number of pounds of fish destroyed	106,784	105,327	495	600	362	.....	Licensed vendors	8	.....	.....
Number of pounds of poultry and game destroyed	218,162	197,582	28,359	2,100	321	.....	Cow sale stables	2,062	.....	.....
Number of pounds of milk destroyed	7,406	7,406	.....	.....	.....	.....	Total	60,004	1,262	192,955
Total pounds of fruit, food, meats, fish and milk destroyed	6,556,374	5,926,684	326,180	80,480	6,743	18,287	The Bronx.			

TABLE 34.

Inspection and Condemnation of Meats, Six Months Ending December 31, 1907.

	Inspections.	Condemnations.	Pounds Condemned.
New York.			
Butcher shops	26,145	499	24,972
Stores	2,800	81	4,435
Packing houses	5,330	85	8,996
Ice houses	15,459	200	52,743
Stands	2,510	16	1,071
Vessels	267	.....	.....
Markets	537	411	159,399
Railroad depots	310	1	600
Stock yards	5,878	87	211,155
Slaughter houses	24,377	2,228	1,138,579
Commission houses	8,147	110	17,212
Fat houses	1,036	.....	.....
Licensed vendors	534	1	200
Cow sale stables	2,062	.....	.....
Total	106,206	3,969	1,975,382
Manhattan.			
Butcher shops	17,673	294	15,546
Stores	944	4	430
Packing houses	634	6	1,485
Ice houses	8,626	91	40,833
Stands	2,260	9	450
Vessels	368	.....	.....
Markets	239	496	159,949
Railroad depots	191	1	600
Stock yards	937	87	211,155
Slaughter houses	6,899	1,637	981,621
Commission houses	2,781	28	5,768
Fat houses	750	.....	.....
Licensed vendors	472	.....	.....
Cow sale stables	.....	.....	.....
Total	41,824	2,565	1,421,959
Brooklyn.			
Butcher shops	7,651	134	9,826
Stores	132	3	176
Packing houses	4,857	58	7,286
Ice houses	6,218	102	16,661
Stands	169	7	1,494
Vessels	1	.....	.....
Markets	187	3	359
Railroad depots	40	.....	.....
Queens.			
Butcher shops	50	17	417
Stores	1,716	74	3,859
Packing houses	7	1	125
Ice houses	11	2	355
Stands	23	4	27
Vessels	.....	.....	.....
Markets	1	.....	.....
Railroad depots	.....	.....	.....
Stock yards	.....	.....	.....
Slaughter houses	.....	.....	.....
Commission houses	11	5	22
Fat houses	32	.....	.....
Licensed vendors	5	.....	.....
Cow sale stables	.....	.....	.....
Total	1,856	101	4,958
Richmond.			
Butcher shops	595	11	2,190
Stores	211	.....	.....
Packing houses	.....	.....	.....
Ice houses	.....	.....	.....
Stands	48	.....	.....
Vessels	.....	.....	.....
Markets	.....	.....	.....
Railroad depots	.....	.....	.....
Stock yards	.....	.....	.....
Slaughter houses	.....	.....	.....
Commission houses	1	.....	.....
Fat houses	3	.....	.....
Licensed vendors	49	1	200
Cow sale stables	.....	.....	.....
Total	907	12	4,390

TABLE 35.

Pounds of Meat Condemned and Destroyed, Six Months Ending December 31, 1907.

	New York.							Manhattan.								
	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.
Butcher shops	2,885	815	285	855	12,307	7,775	50	24,972	860	595	165	449	5,540	2,727	.....	12,346
Stores	1,008	140	25	540	1,978	374	.....	4,435	.....	.....	.....	.....	439	.....	.....	439
Packing houses	1,216	745	755	1,010	5,356	465	25	8,996	100	85	10	75	1,775	.....	.....	1,485
Ice houses	5,005	200	291	1,259	48,466	2,520	.....	57,743	450	50	.....	400	42,710	2,445	.....	46,655
Stands	.....	29	.....	.....	1,156	362	400	1,971	.....	50	.....	.....	.....	.....	400	450
Vessels	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets	2,399	7,445	40	600	5,200	137,786	4,850	159,399	7,599	7,441	40	600	1,200	137,416	4,850	159,949
Railroad depots	.....	.....	.....	.....	.....	600	.....	600	.....	.....	.....	.....	.....	600	.....	600
Stock yards	97,400	78,611	27,940	8,100	.....	.....	.....	211,155	97,400	78,611	27,940	8,100	.....	.....	.....	211,155
Slaughter houses	218,797	10,742	56,751	210,854	241,490	49,394	875	1,138,579	448,502	26,062	54,861	210,592	213,644	16,180	.....	981,621
Commission houses	1,208	524	160	150	3,742	12,106	402	17,322	1,600	.....	.....	.....	200	4,312	250	5,768
Fat houses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Licensed vendors	.....	.....	.....	.....	200	.....	.....	200	.....	.....	.....	.....	.....	.....	.....	.....
Total	645,334	129,242	84,780	242,337	374,798	211,283	6,662	1,625,382	515,612	196,730	81,910	229,207	286,288	165,706	3,500	1,421,959

TABLE 35—(Continued).

	Brooklyn.								The Bronx.							
	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.
Butcher shops.....	870	345	101	100	5,141	2,573	.....	9,020	370	.....	20	.....	.....	450	.....	790
Stores.....	.....	.....	.....	75	81	20	.....	176	.....	.....	.....	.....	.....	.....	.....	.....
Packing houses.....	1,110	720	175	935	4,081	265	.....	7,386	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses.....	4,756	.....	101	850	4,221	75	.....	10,003	.....	150	200	.....	200	.....	.....	550
Stands.....	.....	.....	.....	.....	1,129	365	.....	1,494	.....	.....	.....	.....	.....	.....	.....	.....
Vessels.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets.....	.....	.....	.....	.....	.....	350	.....	350	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock yards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughter houses.....	80,265	30,680	2,000	60	7,776	35,462	875	155,268	.....	.....	.....	.....	.....	1,250	.....	6,750
Commission houses.....	268	302	162	.....	2,437	7,788	132	11,309	.....	30	.....	.....	.....	.....	.....	30
Fat houses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Licensed vendors.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	87,169	32,147	2,628	2,020	44,866	49,998	1,027	192,015	320	180	220	.....	400	2,200	.....	3,120

TABLE 35—(Continued).

	Queens.								Richmond.							
	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.
Butcher shops.....	210	.....	.....	115	67	35	.....	417	625	65	.....	200	1,250	.....	50	2,190
Stores.....	1,208	220	25	365	1,467	354	.....	3,829	.....	.....	.....	.....	.....	.....	.....	.....
Packing houses.....	.....	.....	.....	.....	.....	100	25	125	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses.....	.....	.....	.....	.....	338	.....	.....	338	.....	.....	.....	.....	.....	.....	.....	.....
Stands.....	.....	.....	.....	.....	27	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....
Vessels.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock yards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughter houses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Commission houses.....	.....	.....	.....	150	75	.....	.....	225	.....	.....	.....	.....	.....	.....	.....	.....
Fat houses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Licensed vendors.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	.....	200
Total.....	1,508	220	25	836	1,971	479	25	4,058	625	65	.....	200	1,450	.....	50	2,390

TABLE 36

Inspection and Condemnation of Fruit, Fish and Other Foods, Six Months Ending December 31, 1907.

	New York.			Manhattan.			Brooklyn.		
	Inspections.	Condemna-tions.	Pounds Condemned.	Inspections.	Condemna-tions.	Pounds Condemned.	Inspections.	Condemna-tions.	Pounds Condemned.
Commission houses.....	39,387	1,257	7,243,449	20,846	1,095	981,809	7,015	459	218,150
Retail stores.....	40,315	2,100	349,093	33,270	1,914	281,880	435	12	818
Licensed vendors.....	47,810	2,638	62,214	40,097	2,562	48,095	6,567	48	6,450
Vessels and wharves.....	2,569	363	2,621,849	2,461	337	2,568,305	98	24	53,600
Railroad depots.....	1,741	127	1,114,100	1,449	120	1,027,750	48	.....	.....
Stands.....	86,105	10,961	112,021	74,640	10,640	95,844	11,112	281	13,877
Markets.....	5,106	82	35,135	3,449	46	26,000	1,064	5	3,170
Ice houses.....	1,837	7	119,710	1,675	2	119,710	115	.....	.....
Pushcarts.....	73,284	17,271	217,080	60,370	10,723	129,220	14,510	1,046	58,500
Total.....	298,154	35,344	5,874,977	249,597	33,442	5,368,263	39,574	1,876	154,565

TABLE 36—(Continued).

	The Bronx.			Queens.			Richmond.		
	Inspections.	Condemna-tions.	Pounds Condemned.	Inspections.	Condemna-tions.	Pounds Condemned.	Inspections.	Condemna-tions.	Pounds Condemned.
Commission houses.....	1,442	197	49,090	22	.....	.....	63	5	1,400
Retail stores.....	2,236	16	1,409	1,602	96	4,708	2,761	62	50,188
Licensed vendors.....	35	.....	.....	5	.....	.....	205	25	7,760
Vessels and wharves.....	4	.....	.....	.....	.....	.....	6	1	35
Railroad depots.....	228	52	26,350	.....	.....	.....	16	.....	.....
Stands.....	343	37	1,095	3	.....	.....	7	3	325
Markets.....	50	31	5,875	2	.....	.....	7	.....	.....
Ice houses.....	37	.....	.....	9	.....	.....	1	.....	.....
Pushcarts.....	3	.....	.....	.....	.....	.....	1	.....	.....
Total.....	4,377	313	77,719	1,705	96	4,708	3,061	97	69,717

	Queens								Total
	Fruit	Vegetables	Canned Goods	Confectionery	Groceries	Eggs	Fish	Miscellaneous	
Markets	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pushcarts	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,956	1,822	226	.....	240	.....	220	8	4,798

TABLE 37—(Continued).

	Richmond								Total
	Fruit	Vegetables	Canned Goods	Confectionery	Groceries	Eggs	Fish	Miscellaneous	
Commission houses	525	325	475	.....	.....	375	.....	.....	1,400
Retail stores	5,120	47,395	9,008	55	5,489	100	100	.....	60,188
Licensed vendors	2,745	4,990	144	.....	.....	.....	.....	.....	7,769
Vessels and wharves	.....	35	.....	.....	.....	.....	.....	.....	35
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stands	175	151	.....	.....	.....	.....	.....	.....	325
Markets	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pushcarts	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	8,555	47,805	9,427	55	9,409	375	100	.....	69,717

Much attention was paid to the sale of eggs which were partially decomposed, such eggs being known commercially as "spot eggs." The eggs were used almost exclusively by bakers, either in the shell or liquid form—in some instances the liquid form being found to be partially preserved by the use of borax or boric acid. Condemnations amounting to over 52,299 pounds of these eggs were made and arrests and prosecutions in the criminal courts have resulted in the abolition of this trade. These results were made possible by the co-operation of merchants who did not countenance the trafficking in material which was not fit for human food.

TABLE 38.

Summary of Food Samples Obtained and Results of Analyses, 1907.

	Samples Obtained and Delivered to Chemical Laboratory.					
	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Baking powder	2	2	.....	.....	.....	.....
Canned fish	7	7	.....	.....	.....	.....
Canned meat	3	5	.....	.....	.....	.....
Canned vegetables	60	60	.....	.....	.....	.....
Catsup and sauce	18	18	.....	.....	.....	.....
Cocoa	6	5	.....	.....	.....	.....
Coffee	4	4	.....	.....	.....	.....
Condensed milk	120	109	.....	.....	.....	.....
Confectionery	12	7	.....	.....	.....	.....
Drugs	193	103	.....	.....	.....	.....
Flavoring extracts	131	81	30	.....	.....	.....
Honey	11	13	.....	.....	.....	.....
Jam, jelly and preserved fruits	30	20	.....	.....	.....	.....
Olive oil	11	11	.....	.....	.....	.....
Prepared mustard	7	7	.....	.....	.....	.....
Spices	10	10	.....	.....	.....	.....
Soups	2	2	.....	.....	.....	.....
Syrup	23	15	.....	.....	.....	.....
Tea	1	1	.....	.....	.....	.....
Vinegar	2	8	.....	.....	.....	.....
Miscellaneous	101	101	.....	.....	.....	.....
Total	251	201	30	.....	.....	.....

	Found Adulterated.					
	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Baking powder	.....	.....	.....	.....	.....	.....
Canned fish	.....	.....	.....	.....	.....	.....
Canned meat	.....	.....	.....	.....	.....	.....
Canned vegetables	.....	.....	.....	.....	.....	.....
Catsup and sauce	.....	.....	.....	.....	.....	.....
Cocoa	.....	.....	.....	.....	.....	.....
Coffee	.....	.....	.....	.....	.....	.....
Condensed milk	.....	.....	.....	.....	.....	.....
Confectionery	1	3	.....	.....	.....	.....
Drugs	28	20	.....	.....	.....	.....
Flavoring extracts	3	3	.....	.....	.....	.....
Honey	.....	.....	.....	.....	.....	.....
Jam, jelly and preserved fruits	1	1	.....	.....	.....	.....

	Found Adulterated.					
	New York	Manhattan	Brooklyn	The Bronx	Queens	Richmond
Olive oil	.....	.....	.....	.....	.....	.....
Prepared mustard	.....	.....	.....	.....	.....	.....
Spices	.....	.....	.....	.....	.....	.....
Soups	.....	.....	.....	.....	.....	.....
Syrup	1	1	.....	.....	.....	.....
Tea	.....	.....	.....	.....	.....	.....
Vinegar	.....	.....	.....	.....	.....	.....
Miscellaneous	2	2	.....	.....	.....	.....
Total	15	22	.....	.....	.....	.....

At various times throughout the year many samples of drugs were obtained for analysis to determine compliance or non-compliance with the provisions of section 69 of the Sanitary Code. Especial attention was paid to catarrh powders, snuffs and articles of similar nature, as it had been discovered by analysis that many, if not all of them, contained cocaine, in violation of the following section of the Sanitary Code: "Sec. 182. No cocaine or salt of cocaine, either alone or in combination with other substances, shall be sold at retail by any person in the City of New York except upon the prescription of a physician."

Many arrests were made and convictions obtained. In one instance a sentence of six months in the penitentiary was imposed. Inspections have also been made of all the candy manufactories, canning establishments and pickle factories in the Borough of Manhattan, and a large number of notices issued to enforce sanitary conditions.

The inspection of meat has been conducted as in former years. Inspectors in the slaughter houses have supervised the slaughter of animals for food purposes, as set forth in the following table:

TABLE 39.
Slaughter of Animals.
West Side.

	Cattle	Sheep and Lambs	Calves	Hogs	Total
January	19,831	45,132	4,495	89,045	149,547
February	9,631	35,035	4,553	67,177	114,196
March	20,108	20,162	6,183	66,006	112,661
April	10,714	29,032	19,129	68,056	117,940
May	12,006	30,259	13,153	70,493	126,703
June	13,816	33,371	10,092	62,177	127,505
July	14,064	32,679	11,238	65,310	123,791
August	11,554	40,337	8,548	54,888	124,322
September	14,007	48,861	6,655	59,704	127,289
October	13,163	50,509	6,231	80,088	160,071
November	11,440	67,233	7,451	83,339	169,549
December	12,230	75,356	4,521	91,931	184,048
Total	241,854	555,131	93,734	867,916	1,658,621

East Side.

	Cattle	Sheep and Lambs	Calves	Hogs	Total
January	30,703	91,782	10,349	.....	122,831
February	37,854	61,079	8,894	.....	97,827

	Cattle.	Sheep and Lambs.	Calves.	Hogs.	Total.
March.....	37,888	60,664	12,148	.....	109,700
April.....	31,253	67,128	24,521	.....	122,902
May.....	37,474	73,497	28,410	.....	139,381
June.....	28,416	74,590	31,516	.....	134,522
July.....	28,351	60,811	20,819	.....	109,981
August.....	26,104	83,885	17,494	.....	127,483
September.....	24,078	71,473	12,186	.....	107,737
October.....	31,453	87,437	13,830	.....	132,720
November.....	27,502	90,811	10,739	.....	129,052
December.....	24,821	87,152	8,912	.....	120,885
East side, total.....	346,992	940,819	189,341	.....	1,477,152
West side, total.....	141,854	535,121	91,734	367,916	1,058,625
Grand total.....	488,846	1,475,940	281,075	367,916	2,533,777

There were also killed during 1907, 4,774,200 head of poultry.
As a by-product of the slaughtering industry there was treated in the Borough of Manhattan, fat, lard and grease and fertilizer, as follows:

TABLE 40.
Treatment of Fat, Lard and Grease and Fertilizer.
West Side.

	Fat, Pounds.	Lard and Grease, Pounds.	Fertilizer, Tons.
January.....	2,850,871	234,500	258
February.....	2,563,487	168,350	213
March.....	2,688,746	154,150	215
April.....	2,733,388	151,946	225
May.....	2,958,659	125,265	258
June.....	3,093,299	130,379	411
July.....	2,957,030	120,450	270
August.....	2,846,109	98,249	251
September.....	2,684,689	116,660	269
October.....	2,786,273	207,570	300
November.....	2,435,934	210,317	321
December.....	2,079,322	918,359	306
Total.....	34,038,949	1,897,498	3,278

East Side.

	Fat, Pounds.	Lard and Grease, Pounds.	Fertilizer, Tons.
January.....	6,283,724	.....	372
February.....	4,862,048	.....	369
March.....	4,788,064	.....	388
April.....	5,488,206	.....	374
May.....	5,405,496	.....	389
June.....	4,892,166	.....	391
July.....	4,684,200	.....	345
August.....	4,029,328	.....	416
September.....	3,649,709	.....	357
October.....	4,665,688	.....	371
November.....	3,680,347	.....	372
December.....	3,630,500	.....	326
East side, total.....	50,049,489	.....	4,067
West side, total.....	34,038,949	1,897,498	3,278
Grand total.....	84,088,438	1,897,498	7,345

Lodging House Inspection.

Table 41 shows the number of inspections of lodging houses made by this Division and the number of permits issued during the year.

TABLE 41.
Lodging House Inspection, Year 1907.

	Permits.	Inspections.
New York.....	144	2,239
Manhattan.....	113	1,443
Brooklyn.....	30	398
The Bronx.....	7	2
Queens.....	.....	.....
Richmond.....	.....	86

Shore Inspection.

Table 42 shows the number of inspections and the character of the refuse found on shore patrol in the Boroughs of Brooklyn and Richmond, where this class of inspection is carried on by this Division.

TABLE 42.
Shore Inspection, Year 1907.

	Brooklyn.	Richmond.
Inspections.....	3,879	1,862
Found and Disposed of—		
Human bodies.....	6	.....
Carcasses of Animals:		
Dogs.....	247	1,232
Cats.....	173	607
Rats.....	327	2
Goats.....	1	80
Sheep.....	5	209
Hogs.....	3	105
Calves.....	2	1
Horses.....	4	28
Fowls.....	182	723
Sea turtle.....	.....	1
Fish.....	128	378
Pieces of offal.....	460	.....
Pieces of meats.....	863	1,040
Pieces of bedding.....	179	342
Pieces of clothing.....	260	1,103
Number of mattresses.....	259	799

Complaints and Criminal Actions.

The records of complaints, their disposition, together with the results of criminal prosecutions arising therefrom, are tabulated in Tables 43, 44 and 45, as follows:

TABLE 43.
Complaints Forwarded for Orders, Notices and Complaints Returned Negative, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of complaints forwarded for orders.....	8,021	2,225	1,284	518	1,115	869
Number of complaints returned negative.....	3,552	1,527	1,005	431	248	21

Milk, Food and Meat Inspectors.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of complaints forwarded for orders.....	992	789	10	189	3	.....
Number of complaints returned negative.....	381	215	49	28	.....	.....

Sanitary Police.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of complaints forwarded for orders.....	5,457	1,421	656	570	443	367
Number of negative reports forwarded.....	4,359	1,673	1,079	516	79	21

TABLE 44.
Disposition of Complaints Investigated, Division of Inspections, Six Months Ending December 31, 1907.
NEW YORK.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	24,240	582	460	737	708	26,727
Duplicates.....	757	.....	2	2	1	762
No cause for action.....	7,729	150	122	293	10	8,304
Complaints found valid and referred to other departments.....	1,811	2	.....	.....	.....	1,814
Complaints found valid and returned for notice or orders.....	15,949	323	365	388	691	16,474

BOROUGH OF MANHATTAN.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	10,750	282	400	410	420	12,262
Duplicates.....	333	.....	2	2	.....	337
No cause for action.....	3,192	126	101	293	7	4,020
Complaints found valid and referred to other departments.....	668	2	.....	.....	.....	670
Complaints found valid and returned for notice or orders.....	6,297	143	296	115	413	7,264

BOROUGH OF BROOKLYN.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	8,101	.....	12	125	21	6,259
Duplicates	64	.....	.....	.....	.....	64
No cause for action.....	2,721	.....	9	50	0	2,780
Complaints found valid and referred to other departments.....	737	.....	.....	.....	.....	737
Complaints found valid and returned for notice or order.....	3,577	.....	3	75	12	4,670

BOROUGH OF THE BRONX.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	2,780	.....	.....	108	266	3,244
Duplicates	197	.....	.....	1	1	199
No cause for action.....	968	.....	.....	49	3	1,019
Complaints found valid and referred to other departments.....	261	.....	.....	.....	.....	261
Complaints found valid and returned for notice or order.....	1,354	.....	.....	148	263	1,765

BOROUGH OF QUEENS.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	2,314	.....	2	.....	1	2,118
Duplicates	77	.....	.....	.....	.....	77
No cause for action.....	387	.....	2	.....	1	390
Complaints found valid and referred to other departments.....	178	.....	.....	.....	.....	178
Complaints found valid and returned for notice or order.....	1,474	.....	1	.....	.....	1,475

BOROUGH OF RICHMOND.

	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Complaints investigated.....	2,389	.....	.....	.....	.....	2,389
Duplicates	36	.....	.....	.....	.....	36
No cause for action.....	159	.....	.....	.....	.....	159
Complaints found valid and referred to other departments.....	67	.....	.....	.....	.....	67
Complaints found valid and returned for notice or order.....	2,281	.....	.....	.....	.....	2,283

TABLE 45.

Summary of Criminal Actions, Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Arrests	3,178	2,692	286	129	14	8
Persons held on bail.....	840	593	273	43	11	6
Persons discharged.....	108	296	5	64	.....	1

Summary of Criminal Actions, Six Months Ending December 31, 1907.

	General In-pection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Arrests	1,319	499	0	100	.....	1,918
Held on bail.....	27	294	9	91	.....	517
Discharged	473	69	1	14	.....	334
Trials	1,298	392	2	98	.....	1,805
Fines	\$2,252 23	\$3,247 00	\$276 00	\$801 00	.....	\$6,580 23
Suspended .....	.....	110	.....	16	.....	146

New York, Manhattan, Brooklyn, The Bronx, Queens, Richmond.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Arrests	1,921	1,603	226	70	12	7
Held on bail.....	579	417	123	9	12	3
Discharged	354	232	86	35	1	.....
Trials	1,805	1,551	193	61	.....	.....
Fines	\$6,580 23	\$6,201 21	\$262 00	\$27 02	\$16 00	\$80 00
Suspended	146	146	.....	.....	.....	.....

TABLE 46.

Dead Animals, Offal, and Night Soil Ordered Removed, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Carcasses Ordered Removed—						
Large Animals:						
Horses	26,753	12,103	6,344	1,729	1,975	661
Mules	43	31	.....	10	.....	2
Donkeys	14	10	.....	2	.....	2
Colts	83	36	10	11	3	1
Ponies	3	3	.....	.....	.....	2
Cows	316	166	26	27	60	57
Heer	1	1	.....	.....	.....	.....
Total large animals.....	27,235	12,370	6,382	1,779	2,039	685
Small Animals:						
Calves	1,018	993	5	.....	41	8
Sheep	543	543	.....	.....	.....	.....
Goats	117	41	30	.....	20	6
Hogs	143	111	.....	.....	11	1
Pigs .....	.....	.....	.....	.....	.....	.....
Cats and dogs from streets.....	89,934	51,929	17,417	12,997	5,941	5,637
Cats and dogs from public pound	105,836	78,758	25,858	.....	.....	1,720
Leopard	1	1	.....	.....	.....	.....
Seals	3	2	.....	.....	.....	1
Rabbit	1	.....	1	.....	.....	.....
Total small animals.....	197,576	121,888	43,322	12,997	1,086	7,373
Total all animals.....	220,811	144,258	49,714	14,776	4,025	8,058
Quantity of Meat, Offal, etc., Ordered Removed—						
Pounds of meat.....	123,363	122,765	500	.....	.....	.....
Pounds of poultry.....	286,150	285,956	.....	.....	200	.....
Pounds of rabbits.....	56	16	.....	.....	.....	49
Pounds of fish.....	782,328	781,328	1,000	.....	.....	.....
Pounds of offal.....	3,678,459	1,667,039	2,011,400	.....	.....	.....
Total pounds.....	4,870,356	2,857,118	2,013,000	.....	200	49
Quantity of Night Soil Removed—						
Cubic yards of night soil removed	1,676.5	59.3	772	.....	840	.....

DIVISION OF COMMUNICABLE DISEASES.

The work of this Division, throughout the various Boroughs, has progressed very satisfactorily. Certain important changes in the methods of registration, etc., have been made, among them the following:

Every case of communicable disease reported to the Department of Health is now acknowledged—institutions by postal card (233 L.) and physicians by letter (16 L.), with which letter is sent appropriate literature.

The reports and records have been changed to conform with the new system advocated by the Bureau of Municipal Research. The following record books are now kept by the Inspector-in-Charge of each Borough and are inspected at frequent intervals by the Chief of Division:

1. Daily Journal—Communicable diseases.
2. Weekly Record—Work of each individual Nurse and Inspector and weekly report of the Borough office. This record is also kept in the tuberculosis clinics.
3. Daily Fumigation Journal.
4. Daily Record of Changes in Tuberculosis Files.
5. Daily Journal of Original Complaints (renovations).

Up to the present time no proper advantage had been taken of the wealth of statistical material afforded by the investigation by the Department of Health of the various communicable diseases. Large tabulation sheets for tuberculosis (general (252 L.), clinic (253 L.)), typhoid (250 L.), cerebro-spinal meningitis (249 L.), and diphtheria (251 L.) have therefore been prepared, by the use of which exact statistics will be obtained as to age, sex, race, etc., in the different communicable diseases during 1907.

Chart No. 1 shows the number of cases and deaths occurring weekly from tuberculosis, diphtheria, typhoid fever, cerebro-spinal meningitis and pneumonia in Greater New York for 1907. The various diseases will be discussed under their proper headings further on in this report.

Table 47 gives a summary of the inspections, visits, etc., made by the employees of the Division of Communicable Diseases for the years 1906 and 1907.

TABLE 47.

Summary of Inspections, Visits, etc., Division of Communicable Diseases, 1906-1907.

	Cases Visited.		Visits to Cases.		Disinfections Ordered, 1907.	Removals to Hospitals, 1907.
	1906.	1907.	Inspectors.	Nurses.		
Tuberculosis	16,810	16,530	17,657	17,562	38,324	44,025
Diphtheria	4,716	5,151	12,014	13,816	.....	.....
Typhoid	3,497	2,379	4,282	6,791	.....	798
Cerebro-spinal meningitis	1,012	828	4,135	2,370	.....	357
Malarial fever.....	64	69	82	60	.....	.....
Pneumonia .....	.....	.....	.....	.....	.....	.....
Erysipelas .....	.....	.....	.....	.....	.....	.....
Puerperal septicemia .....	.....	.....	.....	.....	.....	.....
Other .....	.....	.....	7,168	6,099	.....	.....
Total.....	26,118	25,907	44,420	46,707	38,324	44,025

While the total number of cases of communicable diseases visited was about the same, yet 2,300 more visits were made by Inspectors during 1907. The inspections made by Nurses were one-third less than in 1906, owing to the fact that many more of the cases of tuberculosis were cared for by the Associated Tuberculosis Clinics.

Over 2,000 more fumigation orders were issued in 1907 than in 1906. During the year the work of the Borough offices other than Manhattan has been materially increased by the transfer from the Diagnosis Laboratory to these offices of all clerical work in connection with the reporting of diphtheria cultures.

(a) Manhattan.

No important changes were made in the Manhattan office during the year 1907, other than the detailing of an Assistant to the Inspector-in-Charge.

Chart No. 2 shows the weekly course of the cases and deaths from communicable diseases in Manhattan. It corresponds in general with those of former years, with the exception of a sharp outbreak of typhoid fever during the months of March and April, which will be discussed elsewhere.

(b) The Bronx.

Owing to the increased prevalence of typhoid fever in this Borough an additional Inspector was assigned to duty in the early autumn. Later, the antitoxin and general inspection work having grown too heavy for the staff of three Inspectors, this additional Inspector was assigned to regular district duty and given instruction in intubation. The force now consists of four Inspectors, two being on duty each alternate twelve hours and each alternate Sunday and holiday.

(c) Brooklyn.

No important changes have been made in this Borough.

(d) Queens.

In February, 1907, an office of the Division of Communicable Diseases was established in Jamaica, the work having been done in Manhattan previous to that time. Excellent offices were assigned to the use of the Division.

In July, 1907, an additional Inspector was assigned to duty in Queens and the Borough was divided into three districts, the Inspector-in-Charge taking a district in addition to his office and other duties.

(e) Richmond.

Owing to the outbreak of typhoid fever in the Borough of Richmond in the early autumn of 1907, an additional Inspector was assigned to duty in that Borough. Since that time she has been instructed in the administration of antitoxin and intubation and has assisted the Inspector-in-Charge.

Sanitary Supervision of Pulmonary Tuberculosis.

No important changes have been made in the system of registration and sanitary supervision of pulmonary tuberculosis, but it has been improved and added to in a number of ways. All cases from institutions are now reported by telephone and are at once assigned by the same means to the District Inspectors and Nurses, the record cards not leaving the office and being always available for reference. The Inspectors' and Nurses' reports of the work done on the previous day are received by telephone each morning and entered on the record cards. In this way there is a great saving of time; fumigations are now done from three to five days sooner than previously.

A special postal (245 L) has been printed on which attending physicians notify the Department of any change of address or discontinuance of treatment on the part of their patients. These postals are forwarded to the physician with the letter of acknowledgment.

A circular in relation to "Consumption Cures" (Form 239 L) was printed during the year and is distributed to all cases of tuberculosis not under a physician's care.

A "Handbook of Help for Consumptives" has been drawn up and is almost ready for the printer. It is for the use of ministers, teachers and others interested in charitable work, and gives full information regarding all tuberculosis dispensaries, hospitals, etc. Particular attention is given to sanatoria, requirements for admission, how to reach them, etc.

TABLE 48.
Tuberculosis—General Figures, 1898 to 1907, Inclusive.

Year.	New Living Cases Reported, Phthisis.*	Duplicates.	Deaths, Phthisis, Cases Not Previously Reported.	Total New Cases, Phthisis.	New Cases, Phthisis, Per 1,000 of Population.	Total Deaths, Phthisis.	Deaths, Other Tuberculosis.	Total Tuberculosis Deaths.	Deaths, Phthisis, Per 1,000 of Population.	Deaths, All Tuberculosis Per 1,000 of Population.
New York—										
1898	.....	.....	.....	.....	.....	7,794	1,541	9,265	2.36	2.85
1899	.....	.....	.....	.....	.....	8,015	1,162	9,377	2.39	2.85
1900	.....	2,456	.....	.....	.....	8,154	1,476	9,650	2.37	2.79
1901	.....	4,191	.....	.....	.....	8,133	1,254	9,280	2.39	2.64
1902	.....	4,268	.....	12,914	2.52	7,527	1,312	8,883	2.06	2.42
1903	.....	5,052	.....	15,214	4.93	8,919	1,284	9,303	2.12	2.46
1904	.....	6,721	.....	18,723	4.86	8,512	1,281	9,793	2.18	2.51
1905	29,132	11,123	4,714	26,831	5.17	8,535	1,123	9,658	2.12	2.40
1906	28,114	10,741	1,679	26,683	4.84	8,425	1,519	10,194	2.16	2.45
1907	27,773	12,095	1,650	19,723	4.60	8,099	1,261	10,260	2.10	2.39
Manhattan—										
1898	.....	.....	.....	.....	.....	4,020	876	4,946	2.25	2.73
1899	.....	.....	.....	.....	.....	4,291	993	5,204	2.33	2.84
1900	.....	.....	.....	.....	.....	4,260	848	5,108	2.30	2.75
1901	.....	.....	.....	.....	.....	4,090	704	4,860	2.15	2.55
1902	.....	.....	.....	9,139	4.67	3,739	769	4,708	1.91	2.31
1903	9,273	4,698	959	19,234	5.14	3,821	730	4,771	1.98	2.35
1904	11,251	8,199	648	14,579	5.10	4,114	590	4,804	1.99	2.51
1905	12,214	9,106	367	14,681	6.63	4,037	597	4,834	2.00	2.28
1906	17,673	7,837	1,222	12,693	5.83	4,429	210	5,160	2.05	2.37
1907	17,752	10,655	1,160	12,817	5.50	4,679	694	5,734	2.05	2.35
The Bronx—										
1898	.....	.....	.....	.....	.....	882	68	955	5.29	5.71
1899	.....	.....	.....	.....	.....	927	68	1,095	5.19	5.47
1900	.....	.....	.....	.....	.....	1,015	33	1,051	5.05	5.23
1901	.....	.....	.....	.....	.....	1,132	57	1,189	5.31	5.39
1902	.....	.....	.....	592	1.90	1,155	81	1,216	5.08	5.43
1903	.....	.....	.....	869	1.98	1,291	89	1,380	5.34	5.71
1904	.....	.....	.....	943	1.97	1,197	93	1,490	5.44	5.80
1905	837	368	118	955	3.30	1,441	73	1,514	5.28	5.54
1906	7,045	964	154	1,197	3.13	1,359	86	1,326	3.90	5.29
1907	5,133	691	174	1,322	4.01	1,460	97	1,357	4.74	5.05
Brooklyn—										
1898	.....	.....	.....	.....	.....	2,394	236	2,630	2.19	2.68
1899	.....	.....	.....	.....	.....	2,433	543	2,980	2.16	2.63
1900	.....	.....	.....	.....	.....	2,443	548	2,993	2.09	2.56
1901	.....	.....	.....	.....	.....	2,470	361	2,860	2.06	2.32
1902	.....	.....	.....	2,835	2.28	2,312	408	2,725	1.86	2.19
1903	.....	.....	.....	2,429	3.67	2,396	495	2,801	1.87	2.19
1904	2,998	1,372	531	4,339	3.43	2,521	415	3,040	1.99	2.30
1905	4,223	2,096	614	4,807	3.39	2,400	379	2,809	1.78	2.06
1906	4,647	2,292	477	3,224	3.79	2,557	389	2,946	1.82	2.10
1907	4,660	1,843	472	5,157	3.33	2,315	412	2,927	1.74	2.02
Queens—										
1898	.....	.....	.....	.....	.....	739	40	779	3.74	4.04
1899	.....	.....	.....	.....	.....	208	29	257	1.43	1.63
1900	.....	.....	.....	.....	.....	289	29	318	1.83	2.07
1901	.....	.....	.....	.....	.....	394	38	432	1.82	2.05
1902	.....	.....	.....	454	1.49	229	40	260	1.34	1.58
1903	.....	.....	.....	388	4.16	229	64	253	1.28	1.41
1904	.....	.....	.....	444	2.35	262	61	323	1.39	1.71
1905	439	70	74	394	2.53	278	43	321	1.40	1.61
1906	544	206	90	603	1.88	308	41	349	1.47	1.66
1907	226	195	115	645	2.02	197	49	246	1.39	1.61

Year.	New Living Cases Reported Phthisis.*	Duplicates.	Deaths, Phthisis, Cases Not Previously Reported.	Total New Cases, Phthisis.	New Cases, Phthisis, Per 1,000 of Population.	Total Deaths, Phthisis.	Deaths, Other Tuberculosis.	Total Tuberculosis Deaths.	Deaths, Phthisis, Per 1,000 of Population.	Deaths, All Tuberculosis Per 1,000 of Population.
Richmond—										
1898						134	21	155	2.10	7.43
1899						134	17	151	2.05	7.31
1900						142	18	160	2.12	7.38
1901						120	19	148	1.89	6.17
1902				100	1.44	131	14	145	1.80	7.09
1903				197	2.79	132	16	148	1.87	7.10
1904				218	3.64	165	20	185	1.46	1.77
1905	353	133	41	394	5.41	159	31	190	2.16	3.47
1906	239	134	28	267	3.60	190	13	203	2.56	2.74
1907	160	121	24	184	2.43	156	22	178	2.07	2.36

*Excluding duplicates.

Table 48 gives the general figures for pulmonary tuberculosis in all Boroughs from 1898 to 1907. It will be noted that the high-water mark of new cases reported was reached in Greater New York and in the Borough of Manhattan in 1905, there being almost 1,500 fewer cases reported in Greater New York and 2,000 in Manhattan during 1907 than in 1905. In Brooklyn the high-water mark was reached in 1906, the number of cases in 1907 being about 200 less.

As every exertion is being made to make the registration of tuberculosis as full and complete as possible, these figures seem to indicate that the campaign against

tuberculosis is having the desired effect and that although the population is steadily increasing, the number of cases of consumption is being held stationary or is actually decreasing. The number of duplicate cases reported has risen, showing that more physicians are reporting their cases.

Notwithstanding an increase in population in Greater New York of 130,000 during 1907, the number of deaths from consumption was less. These statements are borne out by the case rates and death rates as given in the table.

TABLE 49.
Deaths from Pulmonary Tuberculosis and Tuberculous Meningitis, 0-15 Year—1898-1907.

	0 to 5 Years.		5 to 10 Years.		10 to 15 Years.		Total Under 15 Years.		Total Both, Under 15.	Deaths Both, Per 1,000 of Population.
	Pulmonary Tuberculosis.	Tuberculous Meningitis.								
New York—										
1898	169	695	52	72	85	19	107	786	1,993	7.34
1899	220	670	49	74	93	16	109	700	1,817	6.66
1900	189	200	52	81	75	22	116	863	1,119	5.25
1901	159	377	42	71	89	27	116	575	665	4.74
1902	134	901	38	96	67	25	119	722	961	4.62
1903	121	604	48	82	90	32	129	720	979	4.69
1904	166	353	55	92	113	18	128	661	991	4.54
1905	182	473	54	77	96	18	112	568	900	2.24
1906	182	556	48	77	120	32	150	665	1,015	4.14
1907	186	541	57	93	102	30	135	564	1,009	4.18
Manhattan—										
1898	87	441	43	49	34	10	144	407	541	4.34
1899	126	441	23	42	41	10	100	403	683	4.71
1900	102	447	34	59	31	17	107	220	687	3.79
1901	111	197	26	45	47	16	181	118	610	3.81
1902	83	176	32	55	39	13	141	444	685	2.99
1903	58	389	23	31	43	14	119	111	601	3.00
1904	105	309	29	51	60	12	194	172	366	2.73
1905	123	288	21	40	39	7	195	121	316	2.13
1906	125	310	29	48	50	17	204	101	608	2.89
1907	126	310	24	51	43	11	205	100	300	2.68
The Bronx—										
1898	13	40	8	3	11	—	12	43	75	4.48
1899	18	34	5	3	14	—	17	30	76	4.13
1900	14	18	1	1	13	1	26	20	46	3.28
1901	6	23	2	4	8	—	16	29	44	2.10
1902	5	34	4	4	11	1	20	39	59	2.59
1903	1	37	3	2	12	—	19	46	65	2.69
1904	17	44	9	4	18	—	27	46	90	3.59
1905	15	31	7	6	20	1	31	28	60	3.26
1906	15	40	5	3	21	3	27	37	91	3.21
1907	6	32	11	0	28	—	28	45	91	3.01
Brooklyn—										
1898	57	183	10	18	13	8	100	200	318	2.90
1899	71	174	12	28	16	4	120	206	317	2.91
1900	68	210	16	19	26	3	116	134	344	2.99
1901	38	161	13	11	30	10	61	104	275	2.28
1902	42	160	8	32	36	11	76	112	182	2.26
1903	38	163	14	25	39	14	82	202	284	2.22
1904	37	108	13	34	21	8	82	207	289	2.19
1905	43	127	10	21	26	8	79	110	213	1.72
1906	34	146	9	21	43	11	84	180	264	1.88
1907	39	147	10	31	31	7	80	192	265	1.83
Queens—										
1898	6	21	1	4	6	1	13	26	39	2.85
1899	2	19	—	—	2	—	6	16	24	1.53
1900	2	18	1	2	3	—	8	21	30	1.89
1901	2	13	1	1	4	—	7	14	21	1.30
1902	2	13	1	4	—	—	3	10	22	1.29
1903	2	7	1	1	1	3	4	9	14	1.03
1904	1	20	2	1	5	1	9	22	31	1.54
1905	—	19	1	2	1	1	5	22	25	1.26
1906	4	20	4	2	4	—	12	23	35	1.67
1907	2	20	2	2	4	2	8	24	27	1.46

	0 to 5 Years.		6 to 10 Years.		11 to 15 Years.		Total Under 15 Years.		Total Both Under 15.	Deaths Both, Per 1,000 of Population.
	Pulmonary Tuberculosis.	Tuberculous Meningitis.								
Richmond—										
1898.....	6	10	2	1	1	..	8	11	20	.314
1899.....	1	11	..	1	1	12	13	.199
1900.....	3	7	..	2	4	1	5	10	15	.193
1901.....	2	9	1	2	10	12	.175
1902.....	2	7	3	1	5	8	13	.187
1903.....	2	4	2	..	1	1	5	9	14	.198
1904.....	..	12	1	2	1	14	15	.209
1905.....	1	8	3	2	..	1	4	11	15	.206
1906.....	6	5	1	..	2	1	9	6	15	.202
1907.....	7	11	2	2	9	11	20	.293

Table 49 gives the deaths from pulmonary tuberculosis and tuberculous meningitis between the ages of 0-15 years from 1898 to 1907. This table shows that as a result of the constant and long continued efforts of the Department of Health towards the prevention of the spread of consumption and especially the suppressing of expectoration on the floors, the death rate from tuberculous diseases of that portion of the population most apt to be infected by such expectoration (0-15 years) has steadily decreased, it being .314 per 1,000 in 1898 and .238 in 1907. The same decrease is to be noted in the various Boroughs.

TABLE 50.
Tuberculosis Register—Living Cases, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Cases Enrolled January 1, 1907—						
Under care of private physicians.....	5,157	2,631	561	1,874	201	70
*Under care of dispensaries or clinics.....	464	421	..	..	40	..
At home and under supervision of Department.....	13,148	11,368	193	827	397	53
In institutions in City.....	2,832	2,110	103	439	34	56
In institutions outside City.....	29	459	21	..	..	..
†Not found at address given, 1904-1906.....	17,294	11,149	903	1,231	242	81
(The above only estimated.)						
Total.....	39,576	28,140	2,071	3,083	816	270
New (Living) Cases Reported—						
By physicians.....	2,216	1,449	216	1,413	246	90
By autum.....	440	2,496	371	1,427	353	43
By institutions.....	9,683	7,327	526	1,043	162	27
Total.....	12,339	11,272	1,113	3,883	761	160
Total living cases enrolled in 1907.....	27,237	21,207	1,063	6,966	777	281
Cases Removed from Register in 1907—						
Deaths.....	4,099	1,170	1,420	2,297	307	147
Removals from City.....	459	243	70	71	61	18
†Not found (held for two years).....	11,093	9,911	470	1,597	214	7
Recovered.....	141	139	8	80	14	10
Total.....	25,800	11,533	1,968	4,545	596	174
Cases Enrolled December 31, 1907—						
Under care of private physicians.....	4,643	2,439	562	1,572	248	69
Under care of dispensaries or clinics.....	669	603	..	..	33	1
At home or under supervision of Department.....	8,092	6,997	161	712	393	53
In institutions in City.....	2,813	2,073	120	674	26	48
In institutions outside City.....	285	713	28	56	1	..
†Not found at address given, 1906-1907.....	16,812	11,019	393	3,831	214	62
Total.....	33,412	24,337	1,463	6,798	626	233

* Other than the Department clinics.
† Held in current register two years after that time removed to files.

Table 50 gives the more important data concerning the cases of tuberculosis registered in 1907. The figures given for January 1, 1907, are only estimated. Those for December, 1907, are the result of actual count.

To the total of 33,412 cases in the register should be added 222 cases under treatment in the sanatoria in New York State other than Otisville.

It should be pointed out here that the large number of cases not found at the address given does not mean that the cases were never under observation by the Department, but that they changed their address or left the City, that fact being only ascertained on a later visit. This table will be of more value at the end of 1908 when comparison between 1907 and 1908 can be made.

TABLE 51.
Tuberculosis—District Inspection, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Inspectors—						
*Premises visited on account of deaths.....	8,103	3,744	424	2,172	390	81
†Cases removing to hospital.....	8,138	5,526	108	2,018	137	27

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Inspectors—						
†Cases removing from City.....	455	245	70	89	35	16
†Cases changing addresses.....	1,274	986	244	107	40	..
Cases "at home" visited on complaint.....	372	250	66	52	6	1
Total cases inspected.....	16,559	16,140	1,272	9,401	527	125
Visits to cases inspected.....	17,557	16,620	1,686	4,501	582	164
Visits to investigate or trace cases, annual.....	658	..	301	61	50	..
Total visits by Inspectors.....	18,216	16,620	2,047	4,562	632	164
Nurses—						
Total months all "at home" cases under observation by District Nurse.....	3,006	422	289	1,935	72	288
Visits to cases "at home" under observation.....	2,137	1,714	1,634	2,698	254	1,017
Average visits per month per case "at home" under observation.....	2.3	4.0	4.0	1.3	3.5	4.0
Visits to investigate or trace cases, annual.....	2,418	761	169	1,180	264	53
Total visits by District Nurses.....	20,241	23,129	1,803	3,878	518	1,131
Disposition of Cases—						
Forcible removals to hospitals.....	61	23	13	21	2	2
References of cases to hospitals.....	1,373	1,155	21	108	21	19
References of cases to charitable organizations.....	390	273	31	12	..	..
Renovations compelled by Inspectors' complaints.....	2,274	1,359	395	446	149	41
Renovations made voluntarily.....	4,477	496	74	1,777	195	23
Disinfections of premises ordered.....	8,001	4,223	215	2,621	341	101
Disinfections of goods ordered.....	3,974	1,176	342	2,312	110	40

* From any one of several files, or not previously reported.
† From any one of several files.

Table 51 gives the number of visits made by Inspectors and Nurses to cases of pulmonary tuberculosis during 1907. Of the Inspectors' cases it will be seen that the larger number were visited because of their removal to hospital, next coming the dead cases. The wide variations to be noted in the number of "months under observation" in the different Boroughs are due to the fact that while in Richmond all cases are practically kept under observation, in Manhattan very few are so treated—the reason being that the majority of bad cases in that Borough are either sent to a hospital or looked after by the nurses of the Associated Tuberculosis Clinics.

More cases were kept under observation in Brooklyn than elsewhere, the average visits per month in that Borough being correspondingly lower. The number of cases of consumption forcibly removed to Riverside Hospital was 61, as compared with 64 in 1906; 1,375 cases were referred for hospital care, as compared with 762 in 1905.

A very satisfactory point is that the number of voluntary renovations made by the owners or agents is almost double that of 1906. About 1,000 more fumigation orders were issued than during 1906 and 800 more original complaints.

TABLE 52.

Summary of District Inspection of Tuberculosis and of Treatment by the Department Clinics, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Total months all "at home" cases.....	25,261	25,211	2,277	6,832	960	481
Months "at home" cases under observation by District Nurses.....	3,006	422	289	1,935	72	288
Percentage of total months.....	4.0	1.6	12.2	28.32	7.3	59.8
Months "at home" cases under treatment or observation by Department clinics.....	14,373	8,063	1,599	3,862	..	..
Percentage of total months.....	18.5	13.6	68.0	56.4	..	..
Months "at home" cases under observation or treatment by both District Nurses and clinics.....	17,379	9,485	1,818	5,797	..	..
Percentage of total months all "at home" cases.....	22.6	13.2	80.2	84.72	..	..

Table 52 gives a summary of the work connected with the district supervision of tuberculosis and of the Department Tuberculosis Clinics in 1907.

TABLE 53
Results of Annual Investigation of Cases of Pulmonary Tuberculosis Under Care of Private Physicians.

	Manhattan.		The Bronx.		Brooklyn.		Queens.		Richmond.		New York.	
	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.
Total number of letters sent out.....	5,736	2,436	300	488	1,267	1,311	134	169	87	83	7,512	4,487
Replica received.....	4,126	1,800	201	211	822	903	105	135	79	83	5,335	3,132
Failed to reply to notices.....	1,445	601	97	77	362	508	29	34	.....	.....	1,933	1,320
Notice returned, doctor not found.....	165	35	.....	.....	77	.....	.....	.....	2	.....	244	35
Cases recovered.....	366	84	22	14	39	34	.....	.....	7	11	314	142
Cases improved.....	231	236	31	49	156	160	42	45	34	26	495	410
Cases died.....	835	290	46	34	198	199	69	37	9	7	1,757	777
Cases worse.....	29	38	5	15	36	59	12	14	8	3	90	129
No change.....	52	49	6	15	39	62	67	11	.....	6	155	143
Out of town.....	444	259	32	39	.....	25	.....	5	10	10	486	339
Out of borough.....	29	13	.....	1	.....	4	.....	3	.....	.....	29	22
Cases under observation by private physicians and in file.....	4,037	1,675	237	235	975	1,312	67	141	63	64	5,399	3,427
Cases no longer under doctor's care.....	1,699	761	43	53	286	199	67	38	18	19	2,113	1,060

During the summer of 1907, according to the usual custom, a letter was written to the attending physician of each "private case" of tuberculosis on file, asking for the progress or outcome of the case. When no reply was received or where the physician's permission was obtained, the Inspector visited the patient. The number of cases so investigated was less by almost half than in 1906, due to the fact that many cases thought to be "private cases" were weeded out in 1906. (Table 53.)

TABLE 54
Cases of Pulmonary Tuberculosis in New York City Institutions, 1907.

Borough and Date.	Total.	New.		Old.		Out of Town.	Boroughs.					
		Male.	Female.	Male.	Female.		Queens.	Richmond.	Brooklyn.	The Bronx.	Manhattan.	
Manhattan—												
March.....	2,091	53	19	1,379	640	40	18	8	112	100	.....	.....
August.....	1,821	17	8	1,179	617	32	2	6	131	100	.....	.....
The Bronx—												
March.....	72	5	.....	34	33	.....	.....	.....	.....	.....	.....	.....
August.....	111	11	3	37	33	.....	.....	.....	.....	.....	.....	3
Brooklyn—												
March.....	265	19	14	160	57	.....	39	.....	.....	.....	.....	1
August.....	299	8	4	136	57	.....	1	.....	.....	.....	.....	2
Queens—												
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August.....	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Richmond—												
March.....	74	4	.....	11	1	.....	.....	.....	.....	.....	.....	.....
August.....	37	4	.....	7	.....	.....	.....	.....	.....	.....	.....	.....
New York—												
March.....	7,449	79	31	5,384	736	49	28	8	110	100	.....	1
August.....	2,155	21	10	1,399	716	33	6	6	133	101	.....	3

Table 54 gives the census of the number of cases of pulmonary tuberculosis in various New York City institutions in March and August, 1907. It will be seen that instead of the accommodation for pulmonary tuberculosis having been increased, it has been decreased by 287 beds. This decrease is largely due to the fact that the larger hospitals were woefully overcrowded in March, since which time they have refused to admit more than the number they can properly accommodate. It is gratifying to note that of over 2,000 cases reported in August, 1907, only 47 were new cases, all the others having been properly reported at the time of admission.

TABLE 55
Table Showing Deaths from Tuberculosis in All Boroughs, and Death Rate Per 10,000 (horizontally); Also, Deaths and Corrected Death Rate of Residents of Each Borough (vertically), 1907.

	Residents, Died in.					Total Deaths in Each Borough.	Death Rate.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.		
Deaths in Manhattan, residents of.....	1,437	34	70	8	.....	1,549	20.95
Deaths in The Bronx, residents of.....	276	613	38	.....	.....	1,400	47.40
Deaths in Brooklyn, residents of.....	3	.....	2,495	19	.....	2,515	17.40
Deaths in Queens, residents of.....	2	.....	1	394	.....	397	13.99
Deaths in Richmond, residents of.....	43	.....	.....	.....	131	156	20.70
Total deaths of residents of each Borough.....	5,075	647	2,603	111	110	9,008	.....
Corrected death rate.....	23.62	21.0	18.71	12.43	15.86	.....	23.0

The death rates, as given in Table 55, are not correct for the individual Boroughs, for the reason that many Manhattan residents die in the hospitals in the smaller Boroughs and are erroneously and unfairly charged to those Boroughs.

In the above table the deaths from tuberculosis have been tabulated according to Boroughs, and proper corrections made. It will be seen that while the tuberculosis death rate of Manhattan is given in Table No. 2 as 20.5 per 10,000, yet the real death rate from tuberculosis of Manhattan residents was 23.6 per 10,000. In the same way the Borough of The Bronx is unfairly charged with a death rate of 47.4, while its real death rate was 21.2 per 10,000.

Typhoid Fever.

Table 56, which gives the cases, deaths, case rate and death rate of typhoid fever in Greater New York and its Boroughs from 1898 to 1907, shows that during 1907 there was a well-marked increase in the number of cases of typhoid fever occurring in all Boroughs of New York City. More cases occurred during 1907 than in any year for ten years previously, the case incidence being 1.03 per thousand. The number of deaths, while greater than in any one of the past five years, was less than in 1901 and 1902, the death rate per thousand being .17, it having been lower only in 1905 and 1906.

TABLE 56
Typhoid Fever—General Figures, 1898 to 1907, Inclusive.
New York City—Cases Reported; Case Rate and Death Rate.

	Cases Reported.	Cases Per 1,000 of Population.	Deaths.	Deaths Per 1,000 of Population.
1898.....	2,225	.68	626	.21
1899.....	1,050	.58	346	.16
1900.....	2,658	.77	718	.21
1901.....	2,745	.77	727	.20

Year	Cases Reported	Cases Per 1,000 of Population	Deaths	Deaths Per 1,000 of Population
1902	1,873	1.96	705	.81
1903	1,671	.97	623	.17
1904	3,412	.87	661	.17
1905	4,326	1.07	649	.16
1906	3,467	.84	639	.19
1907	4,426	1.03	740	.17

In Chart No. 4 is shown the weekly course of the disease for 1907. The unusual elevation during March and April was due to outbreaks in the Boroughs of Manhattan and The Bronx.

Table 57 gives the essential facts concerning the disease in the various Boroughs.

TABLE 57.

Typhoid Fever, General Figures and Inspection, 1907.

	New York	Manhattan	The Bronx	Brooklyn	Queens	Richmond
Cases reported	4,426	2,387	384	1,341	171	143
Cases per 1,000 of population	1.0	1.0	1.2	.9	.7	1.9

	New York	Manhattan	The Bronx	Brooklyn	Queens	Richmond
Deaths from typhoid	740	374	48	271	36	13
Case fatality per cent.	16.7	15.8	12.5	20.2	21.0	9.0
Deaths per 1,000 of population	9.17	9.10	1.13	1.18	1.16	1.19
Cases not inspected in account of detailed report by attending physician	1,097	315	87	651	12	37
Cases inspected	3,329	2,072	297	690	159	116
Total	4,426	2,387	384	1,341	171	143
Visits to cases	6,791	4,224	446	1,517	233	369
Disinfections of goods ordered	501	159	24	232	68	18

BOROUGH OF MANHATTAN.

A sharp increase in the number of cases of typhoid fever occurred about the middle of March, the number of cases rising to over 100 during the week ending March 30. The number of cases continued far above the seasonal weekly average for at least eight weeks. The outbreak was very carefully investigated, special attention being paid to the water, milk and ice supply of the City. In all probability it was due to contamination of the water supply on the Croton Water Shed, caused by unseasonable rains and floods and to the overflowing of the reservoirs.

TABLE 58.

Typhoid Fever, Borough of Manhattan, Cases, Deaths and Case Fatality by Months, 1903-1906.

	1903			1904			1905			1906			1907			Total Five Years			Average Five Years			
	Cases	Deaths	Per Cent. Case Fatality	Cases	Deaths	Per Cent. Case Fatality	Cases	Deaths	Per Cent. Case Fatality	Cases	Deaths	Per Cent. Case Fatality	Cases	Deaths	Per Cent. Case Fatality	Cases	Deaths	Per Cent.	Cases	Deaths	Per Cent.	
January	205	21	10.2	86	13	15.1	94	17	18.0	74	10	13.5	100	18	18.0	559	79	14.0	112	16	14.2	
February	104	16	15.1	64	14	22.0	64	14	21.8	74	21	28.3	126	28	22.2	432	94	21.7	86	19	22.0	
March	133	18	13.5	64	18	28.0	97	15	15.4	61	7	11.5	252	26	10.3	609	84	13.8	122	17	13.9	
Total	444	55	12.4	214	45	21.0	255	46	18.0	209	38	18.1	478	73	15.2	1,800	287	16.0	320	52	16.3	
April	104	19	18.2	68	12	17.6	51	12	23.5	61	21	34.4	296	49	16.5	580	104	17.9	116	21	18.1	
May	136	22	16.2	67	16	23.8	64	16	25.0	63	16	25.4	141	35	24.8	471	97	20.6	94	20	21.3	
June	132	21	15.9	107	14	13.0	122	13	10.6	59	18	30.5	233	18	7.7	558	83	14.9	133	16	11.9	
Total	816	117	14.3	456	87	19.0	493	83	16.6	392	80	20.4	1,010	166	16.5	3,209	343	10.7	642	109	17.0	
July	200	18	9.0	131	17	12.9	172	23	13.3	147	21	14.3	143	17	11.8	763	99	13.0	153	20	13.0	
August	266	31	11.6	284	37	13.0	399	37	9.2	252	32	12.7	230	21	9.1	1,457	170	11.6	287	34	11.8	
September	180	38	21.1	222	34	15.3	243	43	17.7	307	41	13.3	341	45	13.2	1,490	201	13.4	299	40	13.4	
Total	1,066	210	19.7	1,095	171	15.6	1,309	189	14.4	1,068	177	16.5	1,270	250	19.7	6,905	1,013	14.6	1,381	203	14.6	
October	294	46	15.6	283	26	9.2	210	44	20.9	262	60	22.9	307	51	16.6	1,356	237	17.4	271	47	17.3	
November	221	34	15.4	251	28	11.1	203	21	10.3	269	40	14.9	246	36	14.6	1,180	165	14.0	216	31	14.3	
December	133	31	23.3	152	20	13.1	123	20	16.2	114	39	33.3	84	26	31.0	630	149	23.6	126	29	23.0	
Total	2,222	317	14.3	1,794	277	15.4	1,847	273	14.8	1,718	323	18.8	2,387	372	21.2	10,971	1,564	14.2	2,014	319	15.8	
Death rate per 100,000	16.5	18.2	13.8	18.3	16.6	15.0
Case incidence per 100,000	22.2	9.0	5.0	2.9	19.0	9.8

Table 58 gives the cases, deaths and case fatality of typhoid fever in the Borough of Manhattan, according to months and quarters, from 1903 to 1907, together with a summary and average for the five years.

The points of interest are as follows:

The greatest number of cases occur during the months of August and September. This is probably due to the large number of people coming home from the country and bringing the disease with them. The most favorable months, apparently, are July, August and September, the case fatality being lower during that period.

Very little variation is to be noted in the death rate or case incidence.

Every case of typhoid fever occurring in the various Boroughs of New York City is plotted on a large map of the Borough. Fig. 19 is a photograph of the Manhattan map. It shows the distribution of the disease to be fairly even throughout the City, the better localities showing relatively more cases than the crowded tenement house districts.

BOROUGH OF THE BRONX.

A moderate increase in the number of cases of typhoid fever, corresponding to that occurring in Manhattan, took place in The Bronx during the spring of 1907. The usual steps were taken (house to house inspection, distribution of circulars of instruction, etc.) and the outbreak soon died away.

BOROUGH OF BROOKLYN.

Typhoid fever ran its usual course in this Borough during the past year. The usual seasonal increase began in August and reached its highest point in the middle of September, when 64 cases were reported during one week.

BOROUGH OF QUEENS.

A slight increase in the number of cases of typhoid fever in the Borough of Queens occurred between the middle of August and the end of September. Although very carefully investigated, no special cause could be assigned to this little outbreak, which soon came to an end.

BOROUGH OF RICHMOND.

A sharp outbreak of typhoid fever took place in this Borough beginning of August, 15 cases being reported for the two weeks ending August 8 and 22, respectively. Investigation showed all these cases to have used contaminated water. The wells from which the water company drew its supply being temporarily exhausted, recourse was had to surface water. Investigation showed that there was an almost direct discharge of sewage into the said surface water.

The conditions were corrected and the outbreak was quickly checked.

TABLE 59.
Typhoid Fever, 1907—Statistical Tabulation of Cases.

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	Total	Per Cent.
Male	1,224	215	765	99	199	2,401	60.4
Female	872	134	467	61	45	1,579	39.6
Not stated	27	18	50	1	..	96	2.0
Age, 2-5	4	1	3	..	..	8	.2
Age, 5-13	51	18	44	10	1	124	3.1
Age, 13-19	185	41	57	13	12	308	7.7
Age, 19-29	492	92	346	39	42	1,007	25.5
Age, 29-39	731	126	396	44	54	1,351	34.2
Age, 39-49	370	51	246	26	15	708	17.8
Age, 49-59	180	23	86	18	4	291	7.3
Age, over 59	68	6	67	6	3	150	3.8
Age not stated	68	13	45	9	11	146	3.7
Commercial business men	32	6	14	..	3	55	1.4
Clerks	219	22	55	6	6	308	7.7
Factory workers	17	9	16	3	3	48	1.2
House workers	332	45	114	26	21	538	13.5
Laborers, indoors	86	8	106	4	3	207	5.2
Laborers, outdoors	175	39	74	21	9	318	7.9
Manual trades	79	24	5	15	..	119	3.0
Police, firemen, soldiers, etc.	13	4	1	2	..	20	.5
Professional	29	11	21	3	2	66	1.7
Skilled artisans	39	16	7	1	13	76	1.9

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
School attendants.....	261	67	78	30	24	460	19.5
Storekeepers.....	29	6	8	5	..	58	2.0
Sailors.....	12	2	18	..	29	62	2.5
Sewers.....	33	1	..	8	1	43	1.7
Not stated.....	672	177	363	39	29	1,621	..
Private house.....	247	107	487	122	91	1,054	48.0
Boarding house.....	106	2	12	1	7	128	4.9
Inst house.....	14	1	5	..	29	49	1.8
Lodging house.....	37	..	8	..	1	46	1.9
Hotels and institutions.....	163	19	6	1	2	191	5.0
Stables.....	2	1	..	..	..	3	..
Tenements.....	1,439	237	563	37	6	2,295	60.3
Tents.....	..	..	2	..	..	2	..
Not stated.....	107	..	177	..	8	292	..
Sanitary conditions, bad.....	145	15	143	18	10	311	7.5
Blood examined.....	1,576	262	815	87	117	2,857	70.0
Widal positive.....	1,381	199	656	71	98	2,405	83.0
Urine examined.....	1,279	183	613	68	82	2,125	53.3
Dixco positive.....	487	121	456	53	46	1,163	53.4
Spleen enlarged.....	1,279	151	995	115	106	2,556	62.0
Rose spots present.....	1,300	152	863	110	100	2,525	61.0
Other Cases—							
Family.....	136	30	87	22	10	285	7.0
House.....	62	9	55	2	11	139	3.0
Friends.....	13	9	17	2	6	37	1.0
Patient has separate room.....	922	232	573	95	26	2,078	51.0
Bottled water.....	127	9	17	1	2	156	4.0
Water, Croton.....	1,487	312	1,075	131	162	3,047	86.0
Out of town water.....	141	..	..	..	..	141	3.0
Water, tank.....	98	8	18	29	29	182	6.0
Water, well.....	18	..	8	..	12	38	1.0
Not stated.....	266	28	224	..	..	518	..
Precautions taken.....	1,661	205	1,087	147	145	3,345	82.0
Source—							
Water.....	..	43	44	..	82	169	4.0
Milk.....	495	10	18	22	3	528	14.0
Oysters.....	29	8	21	4	3	111	2.0
Exposure.....	182	17	71	21	3	294	7.0
Out of town.....	182	13	177	73	28	463	12.0
Unknown.....	283	134	93	73	25	608	15.0
Premises fumigated.....	111	129	10	..	13	273	7.0
Bedding disinfected.....	139	95	719	63	15	931	24.0
Milk store inspections.....	412	29	41	56	29	567	14.0
Sanitary condition of store, bad.....	4	..	2	..	..	6	..
Sanitary condition of milk, bad.....	1	..	..	..	..	1	..
Oyster store inspections.....	38	1	4	1	3	47	..
Sanitary condition of store, bad.....	..	1	..	..	..	1	..
Sanitary condition of oysters, bad.....	..	..	..	..	..	..	..
No cases.....	159	17	37	10	2	205	7.0

Tabulation.

According to custom, all cases of typhoid fever in which histories were obtained during 1907, were tabulated and the results are given in Table 58.

The findings are practically the same, as in previous years, except that the physicians of New York City are availing themselves more and more of the services of the Diagnosis Laboratory for the examination of the blood and urine from suspected cases of typhoid fever.

Cerebro-Spinal Meningitis.

Table 59a shows that the steady decrease in the prevalence of cerebro-spinal meningitis, noted in 1906, continued in 1907. The disease has not yet reached its endemic level, however, the death rate per 1,000 being 0.15 in 1907, as compared with the death rate of 0.07 from 1900 to 1903.

TABLE 59a.

Cerebro-Spinal Meningitis—General Figures, 1898 to 1907, Inclusive.
New York City—Cases Reported, Case Rate and Death Rate.

	Cases Reported.	Cases Per 1,000 of Population.	Deaths.	Deaths Per 1,000 of Population.
1898.....	..	..	357	.11
1899.....	..	..	394	.12
1900.....	..	..	306	.07
1901.....	..	..	267	.08
1902.....	..	..	265	.07
1903.....	..	..	271	.07
1904.....	..	..	1,403	.35
1905.....	2,753	.68	2,025	.50
1906.....	1,032	.24	812	.19
1907.....	828	.19	642	.15

Note.—Prior to 1905 Physicians were not compelled to report cases of cerebro-spinal meningitis to this Department.

TABLE 59b.
Cerebro-Spinal Meningitis—General Figures and Inspection, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Cases reported.....	828	514	54	207	28	19
Cases per 1,000 of population.....	0.19	.21	.17	.14	.17	.11
Deaths.....	642	433	38	143	16	7
Case fatality, per cent.....	77.5	83.4	70.0	70.0	59.0	70.0
Deaths per 1,000 of population.....	0.13	.19	.12	.19	.08	.09
Cases visited.....	828	514	54	207	28	19
Visits to cases.....	2,176	1,496	188	599	45	28
Disinfection of premises ordered.....	357	341	45	137	22	12
Disinfection of goods ordered.....	259	80	24	128	5	2

Table 59b shows that the distribution of the cases among the five Boroughs was about the same as in 1906, the disease being relatively more prevalent in Manhattan than elsewhere. A complete history was obtained in every case and quarantine enforced, and other children in the family excluded from school in every case where the patient remained at home. The premises were disinfected in about 50 per cent. of the cases and the bedding in about 30 per cent.

TABLE 60.
Cerebro-Spinal Meningitis, 1907—Statistical Tabulation of Cases.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Male.....	247	31	85	9	7	389	58
Female.....	171	20	67	10	4	272	42
Not stated.....	1	1	..	1	..	3	..
Age, 0-10.....	95	6	28	2	7	138	20
Age, 11-20.....	131	10	34	6	4	215	31
Age, 21-30.....	55	8	16	7	2	108	16
Age, 31-40.....	65	10	20	1	2	99	15
Age, 41-50.....	74	16	25	8	7	109	17
Not stated.....	1	..	..	..	..	1	..
United States.....	230	36	71	11	6	354	52
England-Scotland.....	3	..	2	1	..	6	1
Ireland.....	10	2	9	..	..	21	3
Germany.....	21	1	3	..	..	24	4
France.....	..	..	..	..	..	..	..
Russia.....	21	6	7	1	..	35	5
Italy.....	70	..	22	3	4	107	16
Black.....	..	..	..	..	..	..	..
Not stated.....	22	2	19	3	1	57	..
Tenement.....	263	17	113	4	7	404	58
Sanitary condition, bad.....	11	6	18	..	3	38	6
Cerebro-spinal meningitis in neighborhood.....	13	4	5	1	..	23	3
Ventilation bad.....	48	3	47	..	2	100	15
Light bad.....	15	1	23	..	1	40	6
Poor health bad.....	65	11	2	2	2	82	12
Present health bad.....	73	7	3	1	2	86	13
Untoward circumstances.....	30	2	11	1	7	51	8
Health at onset bad.....	37	4	18	1	..	60	9
Onset slow.....	79	8	24	5	3	119	18
Stiffness of neck.....	252	43	146	19	11	471	69
Headache.....	237	35	94	16	10	392	58
Convulsions.....	224	30	86	12	4	356	53
Vomiting.....	294	34	120	16	9	473	70
Eruption, petechial.....	11	6	33	7	2	69	10
Eruption, herpes.....	20	10	9	3	1	52	8
Nasal discharge.....	44	11	18	6	2	81	12
Kernig's sign.....	404	27	107	15	10	563	83
No temperature.....	..	7	4	..	..	11	2
Leucocytes counted.....	103	6	16	1	3	129	19
Eye involved.....	24	11	3	2	1	41	6
Ear involved.....	13	..	2	1	..	16	2
Pneumonia.....	16	1	3	..	..	20	3
Paralysis.....	10	3	6	..	..	19	3
Diagnosis by clinical signs.....	303	44	140	18	7	512	75
Diagnosis by lumbar puncture.....	218	9	12	2	8	249	37
Micro-organisms in spinal fluid.....	114	4	17	1	4	139	20
No case, doubtful.....	23	1	53	44	2	123	18
No diagnosis.....	..	..	..	19	..	19	..
Treatment medical.....	343	38	149	18	11	559	82
Death on first day.....	18	1	11	2	..	32	5
Death on second day.....	26	2	14	7	..	49	7
Death on third day.....	32	2	7	1	..	42	6
Death on fourth day.....	22	5	8	1	1	37	5
Death on fifth day.....	11	3	3	3	..	20	3
Death on sixth to tenth day.....	78	19	18	4	2	113	17
Death on tenth to twentieth day.....	86	5	18	..	2	111	16
Death on twentieth day and after.....	26	6	27	..	1	60	9

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	Total	Per Cent.
Day not stated.....	2	1	1	1	1	13	..
From convulsions.....	11	0	0	0	..	54	10
From coma and exhaustion.....	246	46	87	10	0	485	84
From pneumonia.....	9	..	2	..	..	11	2
Miscellaneous.....	83	6	47	3	1	140	6
Recovery complete.....	48	9	27	4	2	101	..
On first to seventh day.....	1	..	..	..	1	2	..
On seventh to fourteenth day.....	10	..	7	..	..	17	17
On fourteenth to twenty-first day.....	5	2	3	..	4	16	16
On twenty-first to twenty-eighth day.....	8	1	2	..	..	11	11
On twenty-eighth to thirty-fifth day.....	4	..	3	..	..	9	9
On thirty-fifth day and after.....	10	1	8	4	..	45	43
Not stated.....	..	1	..	..	..	1	..
Recovery incomplete.....	10	3	11	..	..	26	..
Fumigation and disinfection ordered.....	186	47	137	10	0	488	60
Bedding removed.....	80	25	128	10	0	354	30
Simple meningitis.....	3	..	..	..	..	3	..
Traumatic meningitis.....	4	..	0	..	..	10	..
Tubercular meningitis.....	29	..	21	24	..	75	..
Pneumonia.....	8	..	8	..	..	10	..
Gastro-intestinal.....	2	..	7	1	..	10	..
Typhoid.....	1	..	3	..	..	4	..
Nephritis.....	..	..	..	1	..	1	..
Endocarditis.....	1	..	..	..	..	1	..
Not found.....	46	..	..	..	..	46	..
Septicæmia.....	1	..	1	..	..	2	..
Otitis.....	..	..	2	..	..	2	..

Table 60 gives the results of the tabulation of the facts obtained in the histories of 656 cases.

The points of interest to be noted are:

1. 68 per cent. of the cases occurred in children under 10 years of age.
2. 19 per cent. of the cases occurred in Italians, showing the great susceptibility of this race to the disease.
3. No cases occurred among the negro and French populations.
4. 78 per cent. of the patients lived in tenements, and in 28 per cent. the general sanitary conditions were unsatisfactory, showing that the disease is one of the poorer classes.
5. In only 9 per cent. the general health was bad at the onset.
6. In only 3 per cent. was there a history of the patient having been exposed to infection. The evidence of the last three years is against the view that the disease is spread by direct contact.
7. The comparative rarity of an eruption shows how unsuitable is the name "spotted fever" for this disease.
8. Headache, stiff neck, convulsions and vomiting are present in almost every case.

All cases in all Boroughs of the City were plotted on large maps of the Borough.

Treatment.

During the latter part of the year serum treatment began to be used. Flexner's anti-meningitis serum was used in 17 cases, with 8 deaths, certainly a most favorable and hopeful result. Of the 9 recoveries 8 were complete in from 10 to 108 days. One case of incomplete recovery lasted 50 days. His serum was used in 6 cases with 5 deaths. Diphtheria antitoxin was used in 3 cases, all proving fatal.

Malaria and Other Communicable Diseases.

Every death reported as having been due to malaria in Greater New York was carefully investigated and a history obtained in each instance. The results have been tabulated and are given in Table 61.

The fact that the blood was examined in only 10 per cent. of the cases makes it very improbable that all of these patients really died of malarial fever. Where the attending physician insists on this diagnosis, however, nothing can be done to change it.

TABLE 61
Deaths from Malaria, 1907.

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	Total	Per Cent.
Male.....	6	1	4	2	0	13	88
Female.....	2	0	4	8	..	24	61
Not stated.....	..	2	..	..	..	2	..
Age, 0-10 years.....	1	0	..	4	..	5	20
Age, 10-20 years.....	0	..	1	1	1	10	25
Age, 20-30 years.....	1	1	2	0	1	0	22
Age, 30 years and over.....	4	2	0	3	..	12	31
Not stated.....	..	..	..	..	..	..	..
United States.....	4	0	3	8	1	42	60
Germany.....	..	..	1	1	1	3	8
Italy.....	..	..	..	..	..	..	..
Russia.....	1	..	..	..	..	1	3
British.....	1	1	1	1	..	4	11
Black.....	..	..	..	..	..	..	..
Irish.....	0	..	..	..	..	1	3
Not stated.....	..	..	..	..	..	4	..
Previous attack.....	4	3	2	4	..	16	40
Duration, 0-1 week.....	3	1	..	1	..	7	22
Duration, 1-2 weeks.....	0	1	..	1	..	2	6
Duration, 2-3 weeks.....	..	1	..	1	..	2	6

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	Total	Per Cent.
Duration, 3 weeks and over.....	2	2	1	0	..	14	41
Not stated.....	..	2	4	1	0	9	..
Temperature intermittent.....	0	3	0	1	..	17	40
Chills.....	10	6	4	8	..	28	70
Sweating.....	8	3	4	6	..	21	50
Enlarged spleen.....	4	4	1	4	..	15	37
Blood examined.....	3	..	..	4	..	5	10
Widal.....	..	..	..	..	..	..	..
Rose spots.....	4	..	1	..	..	3	7
Type—							
Tertian.....	5	4	1	6	..	17	40
Quotidian.....	11	11	11	..	..	..	..
Quartan.....	2	..	..	..	..	1	3
Malaria plasmodia.....	6	1	..	1	..	8	20
Out of town cases.....	4	1	..	..	2	7	17
Bitten by mosquitoes.....	2	6	1	3	..	17	40
Diagnosis, clinical signs.....	4	3	3	5	..	23	50
Considered to be typhoid.....	..	..	2	..	..	2	5
Considered to be malaria.....	10	6	4	10	..	30	75
Considered to be tuberculosis meningitis.....	6	1	..	..	..	7	8
Considered to be septic infection.....	..	1	..	..	..	1	3
Considered to be nephritis.....	..	..	1	..	..	1	3

Pneumonia, Erysipelas, Puerperal Septicæmia and Abortion.

All cases of the above-mentioned diseases reported in each Borough have been registered and filed, but at present no steps are taken toward carrying out sanitary supervision of the same.

Administration of Diphtheria Antitoxin.

TABLE 62
Diphtheria—General Figures, 1898 to 1907, Inclusive.

Year	Cases Reported	Cases per 1,000 of Population	Deaths	Deaths per 1,000 of Population	Case Fatality, Per Cent.	Per Cent. of Cases Reported, Injected at Home by Department of Health.
New York—						
1898.....	14,191	3.44	1,774	.54	15.8	.....
1899.....	11,320	3.43	1,924	.57	16.2	.....
1900.....	14,013	3.75	2,277	.66	17.6	.....
1901.....	14,379	3.67	2,668	.69	16.7	.....
1902.....	15,219	4.17	2,015	.52	13.1	.....
1903.....	18,317	4.85	2,190	.48	11.9	.....
1904.....	18,158	4.63	2,084	.53	11.4	.....
1905.....	13,686	3.40	1,544	.38	11.2	14.9
1906.....	14,757	3.51	1,898	.46	12.8	16.1
1907.....	15,270	3.56	1,740	.43	11.3	16.1
Manhattan—						
1898.....	6,899	3.24	844	.47	12.2	.....
1899.....	7,582	4.14	960	.52	12.6	.....
1900.....	7,430	3.99	1,085	.66	15.0	.....
1901.....	6,774	3.26	1,117	.59	16.4	.....
1902.....	9,679	4.95	1,043	.53	10.7	.....
1903.....	10,500	5.20	1,077	.54	10.4	15.9
1904.....	11,016	5.34	1,125	.54	10.1	17.6
1905.....	7,553	3.58	660	.31	8.2	24.9
1906.....	7,444	3.47	731	.34	9.8	21.3
1907.....	7,283	3.26	841	.38	11.5	21.0
The Bronx—						
1898.....	684	4.00	79	.47	11.3	.....
1899.....	608	3.47	125	.68	19.9	.....
1900.....	1,134	5.61	101	.95	16.8	.....
1901.....	958	4.45	110	.51	11.5	4.00
1902.....	751	3.75	99	.44	12.1	.....
1903.....	1,047	4.33	155	.64	14.8	27.4
1904.....	1,167	4.54	149	.58	12.7	33.3
1905.....	994	3.63	400	.73	20.1	18.3
1906.....	1,254	4.31	352	.87	20.1	21.3
1907.....	1,470	4.79	174	.56	11.7	25.3
Brooklyn—						
1898.....	3,216	2.94	745	.68	21.1	.....
1899.....	3,694	2.56	744	.66	25.7	.....
1900.....	3,856	3.20	863	.79	22.3	.....
1901.....	3,947	3.77	723	.61	18.5	.....
1902.....	4,736	3.41	568	.61	17.9	.....
1903.....	5,795	4.45	830	.65	14.5	.....
1904.....	5,046	3.80	706	.55	14.0	.....
1905.....	4,207	3.16	594	.44	13.7	4.7
1906.....	5,211	3.71	793	.56	15.2	8.1
1907.....	5,308	3.72	693	.49	11.1	6.6

Year.	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 1,000 of Population.	Case Fatality Per Cent.	Per Cent of Cases Reported, Injected at Home by Department of Health.
Queens—						
1898.....	300	1.65	23	.38	32.3	....
1899.....	220	1.36	22	.34	26.6	....
1900.....	453	1.96	80	.32	17.3	....
1901.....	433	2.34	70	.43	12.9	....
1902.....	467	2.24	92	.34	19.6	....
1903.....	669	2.72	101	.38	13.7	....
1904.....	517	2.73	73	.38	13.7	....
1905.....	577	2.99	72	.36	18.4	9.6
1906.....	627	2.99	94	.43	14.9	19.7
1907.....	821	3.73	96	.43	13.6	19.9
Richmond—						
1898.....	156	2.43	37	.38	23.7	....
1899.....	146	2.23	33	.35	13.7	....
1900.....	236	3.33	58	.66	28.3	....
1901.....	259	3.66	39	.37	15.6	....
1902.....	186	2.69	19	.37	19.9	....
1903.....	327	4.63	23	.33	7.4	....
1904.....	434	6.02	35	.49	8.3	....
1905.....	357	3.33	18	.22	7.0	3.0
1906.....	374	3.92	28	.38	12.3	4.0
1907.....	294	3.91	31	.41	10.5	9.5

Table 62 gives the general figures for diphtheria in New York City and the various Boroughs from 1898 to 1907, and it will be seen that during 1907 the prevalence of the disease was generally increased throughout The City of New York, especially in the Boroughs of Queens and The Bronx. The case fatality was lower in all Boroughs, especially in The Bronx, where it was almost 50 per cent. lower than during 1906. The case fatality of 11.3 per cent. for the whole City shows how widely antitoxin is being used. So low a case fatality would have been impossible in pre-antitoxin days.

TABLE 63.
Diphtheria—Injection, Intubation and Immunization, 1907.*

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Injection of Antitoxin—						
Cases of diphtheria reported.....	14,276	7,285	1,476	5,398	321	291
Total cases injected by Department Inspectors.....	5,151	3,593	561	882	197	22
Percentage injected by Department Inspectors.....	36.1	49.3	37.9	16.3	61.4	7.5
Cases injected by private physicians.....	1,432	606	199	937	63	15
Percentage injected by private physicians.....	10.0	8.3	13.5	17.3	19.6	5.1
By Department Inspectors—						
Cases injected considered as diphtheria.....	2,471	1,520	243	454	108	48
Deaths.....	125	52	29	33	17	1
Case fatality, per cent.....	5.0	3.4	6.1	7.1	6.6	3.0
Deaths, moribund, deducted.....	88	29	21	24	12	1
Case fatality, per cent, moribund, deducted.....	3.2	2.5	3.7	5.1	11.2	1.1
By Private Physicians—						
Cases injected.....	1,432	606	199	937	63	15
Deaths.....	150	62	8	83	11	4
Case fatality, per cent.....	11.3	10.2	2.3	12.9	17.0	13.3
Deaths, moribund, deducted.....	100	33	2	61	9	1
Case fatality, per cent, moribund, deducted.....	6.3	5.4	6.4	7.2	11.0	6.6
Intubation of Laryngeal Cases—						
Cases Injected by Department Inspectors:						
Total laryngeal cases.....	376	208	90	101	19	19
Deaths.....	32	20	10	16	3	4
Fatality per cent.....	9.0	7.7	10.4	13.3	20.3	18.0
Cases intubated.....	210	58	44	93	3	10
Deaths.....	31	14	6	13	1	1
Fatality per cent.....	14.9	17.2	13.6	13.9	20.0	19.0
Cases not intubated.....	266	200	26	109	14	10
Deaths.....	31	10	4	3	4	1
Fatality per cent.....	5.9	5.0	7.8	8.0	28.3	10.0
Immunization—						
By Department Inspectors:						
Number immunized.....	11,219	5,973	1,881	2,471	162	11
Number contracting disease between 2 and 30 days.....	12	2	1	6	4	1
Visits—						
Total visits to diphtheria cases.....	18,815	8,182	1,667	3,243	159	163
Average visits per case.....	4.0	4.0	3.0	4.5	4.5	4.5
Total injections.....	5,463	715	585	962	169	24

* Quarantine is maintained and disinfections are ordered by the Division of Contagious Diseases.
 † With antitoxin furnished free by the Department of Health.
 ‡ Excluding cases not showing diphtheria bacilli and those entering Department hospitals.
 § Cases dying within twenty-four hours after injection.

Table 63 gives the results obtained by the use of diphtheria antitoxin prepared and furnished by the Department of Health, and given by inspectors and private physicians. While the number of cases of diphtheria injected by inspectors of the Department was about the same as during 1906, yet the number of deaths was markedly less. During 1906, 2,367 cases were injected, with 156 deaths, a case fatality of 6.9 as compared with 2,471 cases injected by inspectors during 1907, with 125 deaths and a case fatality of 5.0 per cent. The most marked improvement is to be noted in the laryngeal cases. 435 such cases were injected during 1906, with 98 deaths, a case fatality of 22.5 per cent., while during 1907, 576 cases were injected, with only 32 deaths, a case fatality of only 9.0 per cent.

The same good results are to be noted in the performance of immunization. 8,482 persons were immunized in 1906, of whom 17, or 0.2 per cent. contracted the disease, while in 1907, among 11,219 persons immunized, only 12 cases occurred, an incidence rate of only 0.1 per cent.

Regarding the cases injected by private physicians with antitoxin furnished by the Department of Health, the figures given in the table are of only relative value, no steps having been taken to enforce the returning of histories of such cases. Only 1,432 such histories were returned during 1907. 166 deaths occurred among these cases; a case fatality of 11.5 per cent. During 1906, 2,419 cases were so returned, with 231 deaths; a case fatality of 16 per cent.

TABLE 64.

Cases of Diphtheria Injected by Inspectors of Department of Health—Additional Data, 1907.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Cause of Death—						
Asthenia.....	5	10	1	2	1	21
Asphyxia.....	6	1	1	1	1	8
Sepsis.....	14	3	3	4	1	26
Cardiac paralysis.....	25	7	21	6	1	60
Pneumonia.....	3	1	6	1	1	12
Died hours after first injection, 1-24.....	14	6	6	2	1	31
Died hours after first injection, 24-48.....	11	3	6	3	1	24
Died hours after first injection, 48-72.....	1	3	3	1	1	11
Died hours after first injection, 72-96.....	0	1	1	1	1	4
Died hours after first injection, over 96.....	15	3	11	6	1	36
Died day of disease, 1.....	2	1	1	1	1	6
Died day of disease, 2.....	9	1	1	1	1	13
Died day of disease, 3.....	8	1	4	1	1	15
Died day of disease, 4.....	6	1	7	3	1	17
Died day of disease, 5.....	1	1	2	1	1	6
Died day of disease, 6-10.....	18	10	13	7	1	49
Died day of disease, 10-20.....	5	3	6	4	1	20
Died day of disease, over 20.....	1	1	1	1	1	5
Total cases, day of disease injected, 1.....	274	42	22	7	6	351
Total cases, day of disease injected, 2.....	276	150	150	22	10	608
Total cases, day of disease injected, 3.....	281	80	151	33	7	652
Total cases, day of disease injected, 4.....	144	99	61	22	1	327
Total cases, day of disease injected, 5.....	62	14	25	8	1	110
Total cases, day of disease injected, 6-10.....	36	14	11	16	1	78
Total cases, day of disease injected, 10-20.....	2	4	6	1	1	14
Units injected under 5,000.....	776	8	66	11	1	862
Units injected under 5,000-10,000.....	3,310	287	344	79	25	4,045
Units injected over 10,000.....	30	34	54	14	2	204
Subsequent injections.....	342	39	15	29	4	429

Table 64 gives additional data regarding cases of diphtheria injected by inspectors of the Department in the various Boroughs. It shows what has been insisted upon over and over again, that the earlier in the disease the antitoxin is administered, the better the result. Of 401 cases injected on the first day of the disease, only 2 died, a case fatality of 0.5 per cent.

TABLE 65.

Cases of Diphtheria Injected by Private Physicians with Antitoxin Furnished by the Department of Health, 1907.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Total cases injected.....	1,032	171	365	89	34	2,091
False or removed to hospital.....	146	62	231	24	19	682
Considered diphtheria.....	606	109	617	65	15	1,512
Deaths.....	62	3	83	11	2	161
Case fatality per cent.....	10.2	2.3	13.3	17	13.3	10.6
Moribund.....	29	1	39	3	1	73
Case fatality (moribund) deducted per cent.....	11.4	0.4	12.1	9.4	6.6	11.9
Cause of Death—						
Sepsis.....	13	3	15	1	1	33
Asphyxia.....	12	1	18	3	1	35
Asthenia.....	1	1	3	1	1	6
Cardiac paralysis.....	19	1	28	3	1	52
Nephritis.....	1	1	1	1	1	5
Pneumonia.....	11	1	8	2	1	23
Not stated.....	2	1	1	1	1	6
Number of days after first injection, 1.....	11	1	19	3	1	35
Number of days after first injection, 2.....	6	1	9	1	1	18
Number of days after first injection, 3.....	2	1	12	3	1	19
Number of days after first injection, 4.....	3	1	6	1	1	12

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Number of days after first injection, 1.	4	7	4	3	1	11
Number of days after first injection, over 5.	10	4	10	3	..	27
Number of days after first injection, not stated.	4	..	1	..	..	5
Total cases, day of disease injected, 1.	178	15	188	22	7	430
Total cases, day of disease injected, 2.	215	43	209	17	5	550
Total cases, day of disease injected, 3.	121	19	132	12	3	291
Total cases, day of disease injected, 4.	42	5	58	5	1	111
Total cases, day of disease injected, 5.	9	5	14	3	..	31
Total cases, day of disease injected, over 5.	23	4	46	9	..	82
Total cases, day of disease injected, not stated.	13	12	17	1	..	43
Units injected under 5,000.	263	47	273	27	5	615
Units injected 5,000 to 10,000.	202	43	214	14	7	483
Units injected over 10,000.	40	14	46	3	8	109
Units injected not stated.	13	8	9	1	..	31
Total laryngeal cases.	107	18	123	14	3	265
Deaths.	30	4	35	4	1	74
Case fatality per cent.	28	25.3	24	18.5	14.3	29.8
Morbund.	15	1	27	2	1	46
Case fatality (morbund) deduced per cent.	18.1	17.1	11.6	14.3	..	12.2
Intubated cases.	54	9	64	6	3	136
Deaths.	11	4	15	3	1	34
Case fatality per cent.	20.2	44.4	23.4	50	33.3	48.4
Morbund.	4	1	5	1	1	12
Case fatality (morbund) deduced per cent.	20	32.3	20	33.3	..	27.5
Immunizations.	556	94	512	24	11	1,197
Developed diphtheria.	7	3	7	2	..	19

Table 65 gives a more extended tabulation of the cases of diphtheria injected by private physicians with antitoxin furnished by the Department of Health.

No changes have been made in the method of administration of diphtheria antitoxin by the Department of Health Inspectors along the line of extension and improvement. An additional Inspector has been assigned to duty in Queens, making three in that Borough, one in Richmond, making two in that Borough, and one in The Bronx, making four in that Borough.

Recommendation.

It is once more most strongly urged that every case of diphtheria intubated by this Department be at once removed to one of the Department Hospitals. All those informed as to the facts in these cases are heartily in favor of this measure. Wherever a private physician is able to perform intubation he does so regardless of his fee. Where he is not able to do so, it is almost criminal to leave him in charge of the child. Add to this the fact that in about 30 per cent. of the "At Home" cases the Ambulance Surgeon visits the home, the regular District Inspector not being available at the time.

THE TUBERCULOSIS CLINICS AND ASSOCIATED CLINICS.

TABLE 66.

Tuberculosis Clinics, 1907—Summary of Work Done.

	New York.	Manhattan.	The Bronx.	Brooklyn.
Diagnosis—				
Under observation for diagnosis, January 1, 1907.	241	176	..	45
New patients examined during 1907.	2,879	4,382	474	1,074
Total.	3,120	4,558	474	1,119
Found not tubercular and transferred or discharged.	945	403	100	61
Found tubercular.	2,175	4,155	374	1,058
Diagnosis tubercular, sputum positive.	1,130	128	134	221
Diagnosis tubercular, sputum negative.	1,045	303	240	837
Under observation for diagnosis, December 31, 1907.	885	407	98	125
Total.	4,005	4,710	487	1,244

DEPARTMENT OF HEALTH, DIVISION OF COMMUNICABLE DISEASES.

CHILDREN'S CLINIC RECORD.

Dispensary..... Date.....

Surname..... Given Name.....

Address..... Floor..... School, Yes, No. Number.....

Date of Birth..... Child No..... Country of Birth.....

Mother:	Her name:	Father:
.....	Birthplace.....	.....
Yes, No.	Hebrew.....	Yes, No.
Yes, No.	Tubercular.....	Yes, No.
Yes, No.	Alcoholic.....	Yes, No.
Yes, No.	Clean.....	Yes, No.
Yes, No.	Dirty.....	Yes, No.

Feeding During 1st Year. Breast, Yes, No. Bottle, Yes, No. Modified Milk, Yes, No. Raw Milk, Yes, No. Weaned..... Months.....

Feeding After 1st Year. Satisfactory in Amount, Yes, No. Good, Bad.

Weight..... lbs. Height..... Cm.

Chest Measure: Contracted..... Cm. Expanded..... Cm.

Diameter: Ant. Post..... Cm. Trans..... Cm. Index.....

Rachitic: Yes, No. Symmetry.....

Temp..... Pulse..... Resp.....

Whooping Cough, Yes, No. Pneumonia, Yes, No. Measles, Yes, No. Adenitis, Yes, No. Operation, Yes, No.

Examination Shows Abnormalities of: Lungs, Yes, No. Heart, Yes, No. Glands, Yes, No. Bones and Joints, Yes, No. Ears, Yes, No. Nose and Throat, Yes, No. Abdomen, Yes, No. Sputum, Yes, No.

Details of Examination:.....

Diagnosis..... M. D.

	New York.	Manhattan.	The Bronx.	Brooklyn.
Cases Under Treatment—				
Under treatment January 1, 1907.	1,091	870	..	221
New cases coming under treatment in 1907.	2,870	4,382	474	1,074
Old cases coming under treatment in 1907.	1,186	983	..	194
Total.	5,147	6,235	474	1,489
Deaths.	257	148	50	50
Transferred to other clinics.	990	974	6	10
Transferred to hospitals.	761	674	38	49
Transferred to sanatoria.	473	157	16	145
Discontinuing, not found.	331	223	31	77
Discontinuing, not coming for treatment.	2,493	2,250	49	106
Under treatment, December 31, 1907.	2,028	846	290	892
Total.	7,177	5,374	474	1,489
Total months all patients under treatment at clinics.	10,000	7,076	1,213	2,701
Total treatments of patients.	29,762	18,025	2,939	7,198
Average treatments per month per patient.	2.61	2.77	2.41	2.66
Largest number of patients in one day.	307	110	37	56
Smallest number of patients in one day.	98	64	10	24
Visits to Cases—				
Total months all patients under observation by clinic Nurses.	3,383	3,908	318	1,161
Visits to patients under observation.	5,731	3,865	488	1,378
Average visits per month per case under observation.	1.72	3.93	1.54	1.9
Other visits to cases under clinic treatment.	1,070	1,040	10	20
Total visits by clinic Nurses.	6,801	4,905	498	1,398
Visits by clinic Physicians.	13	..	10	5
Miscellaneous—				
Prescriptions filled for clinic patients.	49,173	29,486	4,220	14,867
Quarts of milk supplied to clinic patients.	222	..	..	222
Eggs supplied to clinic patients.	452	..	..	452

Table 66 gives a summary of the work done in the Tuberculosis Clinics during 1907.

As the Brooklyn Clinic was only opened on the 9th of November, 1906, and The Bronx Clinic early in 1907, comparative figures can be given only in the case of the Manhattan Clinic.

The total number of new patients treated was 4,382, as compared with 4,088 cases during 1906. In reality many more cases were seen during 1907, large numbers having been referred to other tuberculosis clinics throughout the city (see "Associated Tuberculosis Clinics").

The total treatments of patients were 19,625 in 1907, as compared with 21,197 during 1906.

(a) Manhattan.

The work of this clinic has progressed fairly satisfactorily—the prime difficulty being the impossibility to enforce the regular attendance of the voluntary attending physicians. Although ten separate classes are conducted at this clinic, yet only four outside physicians attend in what might be called a regular manner and it has been found necessary to fill their places with Medical Inspectors detailed for this duty. While these Inspectors have given faithful service for a great many hours weekly, yet it is impossible to expect them to approach their work with the same enthusiasm and interest as men working only a few hours a week and making a specialty of the subject.

Radiography.

Special attention is called to the changes which have been made in the X-ray room for the protection of the operator. It is well known that persons working constantly with the X-rays are in danger of sudden death, to say nothing of certain other very disagreeable consequences of long exposure to these rays. In order to protect the operator therefore a special lead lined booth has been constructed in one corner of the operating room in which are placed all switches, the wires leading through the door, and it being possible to throw on the current only from the inside of the booth and only when the door is closed.

Figure 21 shows a photograph of the X-rays booth, and Figure 22 illustrates the methods in which radiographs are taken.

A complete dark-room has been fitted up in the cellar of the clinic and radiographs are now taken of all incipient cases of tuberculosis. Figure 23 shows a radiograph of an advanced case of pulmonary tuberculosis with involvement of the entire right lung. Figure 24 is a radiograph of an incipient case of pulmonary tuberculosis, there being a small area of consolidation at the left apex, the picture being taken from behind.

Figure 25 is a reproduction of the special card used (248 L), which has been prepared and printed by the Department of Health.

Tuberculin Reactions.

Late in the autumn of 1907, after certain experimental work at Riverside Hospital, the performance of the Calmette eye test and of the Pirquet vaccination test, were introduced as a part of the routine examination of incipient and doubtful cases of tuberculosis. All incipient cases, whether for Ray Brook or Otisville, now receive these tests. The results will be reported later in detail, but it may be said here that the Calmette test has already proved of great value in excluding doubtful cases.

Children's Clinic.

Both morning and afternoon sessions on Saturday of each week are now devoted to children. All children applying at other times are instructed to return on that day. In addition to sick children, there are also seen on Saturday the children of tuberculous parents. Information is obtained from all new adult patients suffering with tuberculosis, as to whether they have children, and they are strongly urged to send them for examination. These examinations (children of tuberculous parents) are also made at all the other Associated Tuberculosis Clinics (q. v.).

A full report of this work will be made later in the year. The great difficulty experienced in this work has been the question of carfare to and from the dispensary for the large families of children. Should the work prove of enough value and importance, it is recommended that authority be given to incur the expense of such carfares.

Associated Tuberculosis Clinics.

During 1907 the various tuberculosis dispensaries in Manhattan have co-operated in their work under the name of the Associated Tuberculosis Clinics. The division of

the Borough of Manhattan into districts, each cared for by a special dispensary, has proved most successful. Other special dispensaries are seeking to be included in it, notably: those of the German and Mt. Sinai Hospitals.

Map showing:

1. Wards of Manhattan, outlined and numbered in black, with the number of cases of pulmonary tuberculosis reported in each during 1907 indicated in parentheses.

2. Districts of associated tuberculosis clinics outlined and numbered in red, with location of clinic as shown by black star (*). These are as follows:

- I.—Gouverneur Hospital.
- II.—Bellevue Hospital.
- III.—Presbyterian Hospital.
- IV.—German Hospital.
- V.—Mt. Sinai Hospital.
- VI.—Harlem Hospital.
- VII.—Vanderbilt Clinic.
- VIII.—New York Hospital.
- IX.—New York Dispensary.
- X.—Department of Health Clinic (2 districts).

Figure 26 shows the arrangement of the districts as it will be during 1908. In addition are given the boundaries of the twenty-two wards of the Borough, together with the number of cases of pulmonary tuberculosis reported in each ward during 1907. In order for a dispensary to be admitted to the association it must have one or more visiting nurses, and must be willing to confine its work to patients coming from its own district.

TABLE 67.

Census of Cases of Tuberculosis Under Observation by the Associated Tuberculosis Clinics, 1906-1907—Taken Bi-annually by the Department of Health.

	Total Cases Under Observation.				Cases Under Observation—Health Department Notified.				Cases Under Observation—Never Reported to Health Department.				Cases No Longer Under Observation—Health Department Notified.			
	1906.		1907.		1906.		1907.		1906.		1907.		1906.		1907.	
	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.
Gouverneur	110	81	90	120	78	51	80	104	38	—	10	10	84	121	66	30
Vanderbilt	118	142	114	137	99	130	47	73	10	14	0	—	148	181	190	97
Bellevue, Out Patients Department	131	79	105	163	151	76	116	161	—	11	9	—	150	106	73	159
Harlem	29	11	00	86	29	35	80	64	—	—	29	29	24	43	43	112
Presbyterian	185	60	00	133	117	86	00	122	75	—	2	8	157	290	63	174
Christ Church	—	—	10	0	—	—	19	4	—	—	—	—	—	—	—	5
New York Dispensary	—	—	—	33	—	—	—	11	—	—	—	—	—	—	—	13
Total	481	407	465	674	449	593	441	626	194	14	40	48	583	799	434	616

Table 67 gives the census of the cases of tuberculosis under observation at the various tuberculosis clinics in Manhattan, exclusive of the Department of Health Clinic. During 1908 it is proposed that the various clinics report all instances of discontinuance of treatment to the Department of Health. The patients will then be visited by the district tuberculosis Nurses of the Department, and suitable action will be taken.

(b) The Bronx Tuberculosis Clinic.

A tuberculosis clinic was opened in the Borough of The Bronx early in February, 1906, in the Health Department Building, Third avenue and St. Paul's place. The large room assigned for that purpose was divided by wood and glass partitions into a waiting room, registration room, two examination rooms, throat room and a drug room (see Plate No. 13). A Medical Inspector was detailed as Assistant Chief of Clinic, and a Hospital Clerk and a Nurse assigned to duty in the clinic. Classes are held each afternoon from 2 to 4 o'clock. Delay in the installation of the electric light system prevented the opening of the throat room until late in December. The work has progressed very satisfactorily. Views of the Bronx Clinic are given in Plates Nos. 8, 9, 10, 11 and 12 and a ground plan of the Clinic in Plate No. 13.

(c) Brooklyn Clinic.

The work of the Brooklyn Tuberculosis Clinic during 1907 has been highly satisfactory.

A number of alterations have been made in the Clinic building. Dressing and examination rooms for men have been partitioned off in the rear of the first floor and a stairway has been cut to the basement floor, where two throat rooms have been arranged by means of wooden partitions. These rooms are fully equipped and the work is in charge of an Inspector with a volunteer staff of four Surgeons. Further alterations have been planned by means of which a dressing room for women will be arranged for and also the registration room will be separated from the general waiting room.

Views of the exterior and interior of the Brooklyn Clinic are given in Plates Nos. 14, 15, 16, 17, 18, 19. In Plates 20 and 21 are given the ground plans of the two floors of the Brooklyn Clinic.

Report.

It is proposed during 1908 to issue a second report of the tuberculosis clinics similar in style and make-up to the first annual report of the clinics issued during 1907.

RECOMMENDATIONS.

1. Salaries for Attending Physicians.

As previously stated, there has been the greatest difficulty in obtaining volunteer attendants at the various clinics, and it has been found necessary to detail Medical Inspectors at a salary of \$100 per month to the various clinics. All necessary steps have been taken with the Civil Service Commission, and the Department has been authorized to appoint fifteen Attending Physicians and fifteen Assistant Attending Physicians. These Physicians would be assigned as follows:

Manhattan—Nine Attending Physicians, as follows: Five in charge of each of the five general classes, three in charge of the morning, afternoon and night throat rooms, respectively, and one on special duty (Calmette tests, etc.). Nine Assistant Attending Physicians, as follows: Five on duty in the five general classes and four on duty in the throat classes.

The Bronx and Brooklyn—Three Attending Physicians, each, as follows: Two in charge of each of the two general classes and one in charge of the throat room. Three Assistant Attending Physicians, each, as follows: Two on duty in the two general classes and one on duty in the throat room.

2. Milk and Eggs.

The work of the tuberculosis clinics was seriously handicapped in 1907 by the cutting off of the supply of milk and eggs to suitable clinic patients. Arguments in favor of its resumption are as follows:

(a) Such special diet is free medication, not charitable aid, being given only to those patients requiring it in addition to their regular diet, as such, it is not illegal. When patients are too poor to obtain sufficient food they are sent to a hospital.

(b) Certain patients require such special diet and do not stand the same chance of recovery without it.

(c) The patients return more readily and regularly for treatment. Almost all of them know they should have such diet.

(d) It is not right that all the other "Associated Tuberculosis Clinics" should distribute milk and eggs to their patients, while the Health Department Clinic—the original head and front of the movement—is unable to do so.

A special appropriation of \$6,415 would be needed, to be segregated as follows:

	Cost.
Manhattan—	
Milk, 30,000 quarts	\$1,050 00
Eggs, 4,000 dozen	1,000 00
The Bronx—	
Milk, 12,000 quarts	780 00
Eggs, 1,500 dozen	375 00
Brooklyn—	
Milk, 24,000 quarts	1,560 00
Eggs, 3,000 dozen	750 00

3. Italian Clinic.

For a long time there has been a great need for a special tuberculosis clinic for Italians. The disease is very prevalent among them, and they respond well to efforts on their behalf, but those efforts must be made by physicians and nurses of their own race. As the Manhattan Clinic is not used Tuesday, Thursday and Saturday evenings, it is recommended that a special clinic limited to Italians be opened on those evenings. Arrangements would be made with the other Associated Tuberculosis Clinics to have all Italian applicants referred to this clinic.

The Nurses would also visit all Italian cases throughout the whole city. The expense of medicines, etc., could be arranged for without an extra appropriation.

It is therefore strongly recommended that an extra clinic appropriation be asked for to cover (1) the salaries of Attending and Assistant Attending Physicians; (2) the supplying of milk and eggs to suitable clinic patients, and (3) the salaries of the employees of an Italian tuberculosis clinic.

SANATORIA.

(a) Riverside Sanatorium.

On January 1, 1907, the capacity of Riverside Sanatorium was six pavilions, with 116 beds. As compared with the four pavilions and 80 beds of January 1, 1906, this is most encouraging.

On December 31, 1907, the capacity of the sanatorium was officially 111 beds, but of these 111 beds 15 are used for Helpers and Orderlies who were formerly tuberculosis patients, and one ward of 10 beds was out of commission for purpose of renovation.

During 1907 349 patients were admitted, the great majority being citizens of the United States (219), next coming Russian and German Jews (174). The majority of the patients were between 30 and 40 years of age; 242 patients came from Manhattan, 23 from The Bronx, 76 from Brooklyn and 8 from Staten Island.

TABLE 68.

Cases of Tuberculosis Treated at Riverside Sanatorium, 1907.

	Results.					Total.
	One Week to Three Months.	Three Months to Six Months.	Six Months to Nine Months.	Nine Months to One Year.		
First stage	1	8	4	1	3	16
Second stage	6	88	44	26	19	181
Third stage	12	88	37	9	9	166
Dead	16	50	28	6	8	163
Progressed	14	110	41	14	18	197
Improved	6	77	39	22	13	167
Discharged	8	15	34	15	4	111
Humid	—	30	11	13	19	93

Table 68 shows the results obtained in the cases treated during the year 1907. The classification in stages is in accordance with that recommended by the National Association for the Prevention of Tuberculosis.

As heretofore, all cases of tuberculosis were admitted through the Division of Communicable Diseases.

For purpose of fairness it was deemed advisable to allot a certain number of beds in the sanatorium to each of the five boroughs, the allotment being as follows:

	Men.	Women.
Manhattan	38	19
The Bronx	7	3
Brooklyn	15	10
Queens	2	1
Richmond	2	1

Owing to the fact that all cases discharged from Otisville must, if necessary, be accommodated at Riverside, this scheme has been seriously dislocated much of the time.

Forcible Removals.

During 1907 35 cases of pulmonary tuberculosis were removed to Riverside Hospital by force as being nuisances and dangerous to those about them.

Otisville Sanatorium.

During 1907 218 patients were sent to Otisville Sanatorium from the Division of Communicable Diseases. Two hundred and sixteen additional cases were examined, of whom 160 were rejected as being too advanced. The remaining 56 cases did not enter the sanatorium for various reasons; 136 patients were discharged from Otisville during 1907 and one death occurred.

Great care is taken in selecting Otisville patients, it being held necessary that they be able to do light work. A wagonette and horse were purchased for the use of the Division of Communicable Diseases during 1907 and one of its functions is to care for the transportation of the patients to and from the train in New York City. During 1907 a physician accompanied each party of patients weekly. This will not be possible during 1908 owing to the decrease in the clinic staff and a Hospital Clerk will have to perform this duty.

TABLE 69.

New York City Cases of Pulmonary Tuberculosis in Out-of-Town Sanatoria, December 31, 1907.

*Residents of.	Stony Wood.	Gabriels.	Loomis.	Ray Brook.	Adirondack Cottage.	Total.
Manhattan	41	8	—	51	29	129
The Bronx	2	—	—	3	1	6
Brooklyn	100	2	—	19	4	125
Queens	—	3	—	—	—	3
Richmond	2	—	—	1	—	3
New York City.	145	13	22	82	34	286

* Not stated, 37.

Other Sanatoria.

On December 31, 1907, a letter was written to the large sanatoria in New York State, requesting that information be given as to the number of New York City patients under treatment on that date. The results are given in Table 69. These figures should properly be included in the totals of Table 50.

DIAGNOSIS LABORATORY.

Table 70a gives a summary of the work done in the Diagnosis Laboratory during 1907. What it does not show is the marked increase over the figures for 1906 in all branches of the work. The figures will be given under each separate head, but it may be here stated that 103,331 specimens were examined during 1907 as compared with 80,802 specimens during 1906, an increase of 28 per cent.

TABLE 70a.

Diagnosis Laboratory—Specimens Examined and Results of Examinations, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Diphtheria—						
Bacterial examinations for diagnosis	30,060	17,125	2,728	6,057	1,140	504
Showing Klebs-Loeffler bacilli	21,243	5,862	1,073	3,475	579	206
Not showing Klebs-Loeffler bacilli	8,817	11,263	1,655	2,582	561	298
Indefinite	1,019	984	30	582	54	40
Lost cultures	1,481	1,411	1,013	14,885	1,163	483
Other cultures	841	218	0	140	—	1
Total cultures	41,198	35,803	4,426	24,172	3,306	1,036
Tuberculosis—Sputum—						
Specimens examined	17,032	18,616	2,394	5,947	490	392
Showing tubercle bacilli	7,281	4,810	600	1,382	100	103
Showing no tubercle bacilli	9,751	13,806	1,794	4,565	390	289

TABLE 71.

Results of Bacteriological Examinations of Diphtheria Cultures, 1899 to 1907, Inclusive.

	Primary.	Positive.	Negative.	Doubtful.	Doubtful Per Cent.	Trials	Medical School Inspectors.	Others.	Total.
1899	11,080	5,560	5,520	2,460	21.4	343	197	8,165	20,263
1900	13,266	6,293	6,973	2,451	18.1	—	47	11,369	24,662
1901	13,344	5,851	7,493	2,277	16.8	236	90	10,810	24,680
1902	16,613	7,737	8,876	2,050	12.3	620	892	14,483	32,648
1903	25,927	10,477	15,450	1,100	4.5	4,004	13,584	23,077	77,488
1904	27,198	12,643	14,555	612	3.4	4,195	565	25,800	54,848
1905	21,580	8,814	12,766	636	3.2	582	373	10,773	41,748
1906	25,416	9,302	16,114	428	1.8	476	410	24,743	50,441
1907	30,366	11,166	19,200	1,174	3.9	192	639	32,683	64,222

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Typhoid—						
Widal Reaction—						
Specimens of blood examined	8,324	3,023	837	2,123	346	995
Showing reaction	2,260	1,773	316	619	63	68
Showing no reaction	6,064	1,250	521	1,504	283	927
Indefinite	1,013	600	92	317	81	67
Diase Reaction—						
Specimens examined	1,741	881	170	591	87	10
Showing diase reaction	583	221	68	223	43	0
Showing no diase reaction	1,158	660	102	368	44	10
Showing doubtful reaction	45	24	3	17	—	—
Malaria—						
Specimens examined	1,385	925	227	364	47	26
Showing malaria plasmodia	237	90	23	36	5	2
Showing no malaria plasmodia	1,148	835	204	328	42	24
Miscellaneous—						
*Average number of Culture Stations	40	178	38	40	31	7
Visits to collect specimens	31,631	9,432	1,070	17,877	6,393	2,350
Culture tubes prepared	107,925	107,925	—	—	—	—
Swabs made	129,600	129,600	—	—	—	—
Laboratory preparations made	103,303	103,303	—	—	—	—

* Average of those in operation on the first of each month.

TABLE 70b.

Diagnosis Laboratory—Specimens Submitted for Examination, 1907, by Inspectors of Department of Health and Private Physicians.

	Number of Specimens Submitted for Diagnosis by	
	Department of Health.	Private Physicians.
Diphtheria	28,211	26,071
Tuberculosis	14,111	15,166
Typhoid	2,272	7,040
Widal reaction	2,240	6,240
Diase reaction	57	1,709
Malaria	80	1,309
Total	53,071	51,627
Percentage	50.1	49.9

Table 70b gives a classification of the various specimens submitted to the laboratory for diagnosis, according to whether they were forwarded by employees of the Department of Health or by private physicians. It will be noted that, with the exception of cultures from cases of diphtheria, private physicians supplied the great majority of the specimens, this being particularly true in the case of specimens of urine for the diase reaction and of blood from suspected cases of malaria.

Taking up now the various functions of the laboratory in order:

(a) Diphtheria.

Sixty-four thousand two hundred and eighty-two cultures were examined during 1907, as compared with 50,445 during 1906, an increase of over 14,000, or 28 per cent. This increase was particularly due to the increased prevalence of diphtheria during 1907, and particularly to the fact that physicians are now more and more taking advantage of the facilities of the laboratory.

A number of changes and improvements have been made in the system of examining and reporting cultures. All culture tubes are now sealed with paraffin, and the return of a dried tube to the laboratory occurs very rarely. Contaminations are, of course, observed, but these are bound to occur, owing to the impossibility of complete sterilization of blood serum.

One hundred and eight thousand culture tubes were prepared during 1907, as compared with 97,000 during 1906, and 130,000 swabs, as compared with 99,000.

Important changes have been made in the system of reporting results of examinations, especially in the Divisions of Contagious Diseases in the various Boroughs. The diphtheria slips and records are now kept in the Borough offices of the Division of Communicable Diseases. With the exception of Manhattan, duplicate culture lists are made out at night and left in the Borough offices, the results of examination being telephoned soon after nine the next morning. These lists are then forwarded to the Division of Contagious Diseases in each Borough. In Manhattan it has at last been possible to arrange for the typewriting of the daily culture list. Instead of sending the duplicate reports to the individual District Inspectors, these reports are now sent en masse to the Division of Contagious Diseases in each Borough, where they are compared with the culture list and then assigned and sent out from that office. In this way numerous mistakes hitherto unavoidable are now done away with.

Everything possible has been done to simplify the system of this work. Nevertheless there must be a certain percentage of undecisive results.

Table 71 gives the results of the bacteriological examinations of diphtheria cultures from 1899 to 1907. In column 5 is shown the percentage of undecisive or doubtful results. It will be seen that up to 1902 this percentage was very high. January 1, 1903, a new simplified system of reports was put into effect with a consequent fall in the number of doubtful cultures.

(b) Sputum Examination.

Twenty-seven thousand two hundred and seventy-seven specimens of sputum were examined during 1907, as compared with 21,779 during 1906, an increase of 6,000, or 27 per cent. During one week in April, 1907, 717 specimens were examined—an average of almost 120 a day; 50,000 sputum jars were prepared during 1907, as compared with 18,000 during 1906. This great increase is largely due to the fact that all culture stations were kept fully supplied during 1907 by means of the wagonette belonging to the Division. This was not possible during 1906. No changes have been made in the method of examination.

(c) Examination of Blood for Widal Reaction.

During 1907, 8,480 specimens were examined, as compared with 5,160 in 1906, an increase of 2,300, or 37 per cent.

The method of examination used was the same as during 1906. Practically no complaints of inaccuracy or contradictory results have reached the Department.

(d) Examination of Urine for the Diazo Reaction.

Although the Department of Health especially disclaims any pathognomonic value for the presence of the Diazo reaction in the urine of cases of suspected typhoid fever, yet the increase in the number of specimens submitted during 1907 was greater than in any other branch of the laboratory work. Seventeen hundred and thirty-two specimens were submitted during 1907, as compared with 1,220 during 1906, an increase of 512, or 42 per cent.

(e) Examination of Blood for Malaria.

During 1907, 1,580 specimens of blood were submitted for examination compared with 1,108 in 1906, an increase of 382, or 31 per cent. The positive specimens constituted about 10 per cent. of the whole—about the same proportion as during 1906.

(f) Examinations for Meningococci.

During 1907, 36 specimens of spinal fluid were examined for the presence of the meningococcus, that organism being found in 7.

(g) Glanders.

The examination of serum from horses suspected as having glanders was transferred from the Research Laboratory to the Diagnosis Laboratory, on November 1, 1907. The work was immediately systematized, the following being drawn up and printed:

- A circular of information and instruction (263 L).
- A slip to accompany the outfits supplied free by the Department of Health (256 L).
- A blank on which is reported the result of the examination (260 L).
- Full instructions are given in the circular and on the slip, together with information dealing with the significance and value of the agglutination reaction. The work progressed very satisfactorily and the results obtained were excellent, but owing to the decrease in the amount of the appropriation for the Division of Communicable Diseases for 1908, it became necessary to transfer the work back to the Research Laboratory.

CULTURE STATIONS.

(a) Manhattan.

In Manhattan eleven new sub-stations were established and nine sub-stations discontinued—a gain of two. One sub-station was changed to a regular station and one new regular station established.

It became possible to bring about a great improvement in the condition of the culture stations during the latter part of 1907. A wagonette, horse and Driver were assigned to this Division and were used to visit and supply all regular stations twice a month and all sub-stations once a month. Exact records are kept of the conditions found on each visit. In this index are also kept any complaints against individual culture stations. The large tin supply boxes introduced in 1906 have proven most satisfactory and it will be necessary to order a large supply of the same during the coming year.

(b) The Bronx.

In the Borough of The Bronx three new sub-stations were established and nine discontinued. Arrangements have been made by which an additional collector will be assigned to duty in this Borough early in January, 1908. Five new regular stations will be established and the service greatly improved thereby.

(c) Brooklyn.

In Brooklyn two new regular stations were established. There are no sub-stations in this Borough.

(d) Queens.

The demand for the services of the Diagnosis Laboratory in the Borough of Queens became so great during the early part of 1907 that it became necessary to establish an additional number of stations and to assign an additional collector for duty in this Borough. Four new stations were established in all, and the system is working most satisfactorily.

(e) Richmond.

No changes were made in this Borough.

Publications.

During 1907 the following circulars, blanks and forms were prepared, printed and issued by this Division:

1. Instructions for applicants for admission to Otisville Sanatorium (227 L).
2. Blank for acknowledgment by Borough Offices to the Executive Office of the delivery and acceptance of goods (228 L).
3. "Circular of Information Regarding Consumption Cures" (229 L). This circular has been received most favorably and has been widely distributed. It is given to every new patient at the Tuberculosis Clinics and to every patient discharged from hospital visited by tuberculosis nurses. A supply has also been sent to the various charitable organizations dealing with tuberculosis.
4. Weekly report of Inspector-in-Charge of the Boroughs (230 L). This report has been changed to conform with the new system of records advocated by the Bureau of Municipal Research and gives all the data called for.
5. "Card of Information and Advice Regarding Tuberculosis." This card was gotten up by request of the Tuberculosis Committee of the Charity Organization Society. It is printed in red and black on stout cardboard, and has been printed in six languages (English, 231 L; Swedish, 236 L; Italian, 238 L; Bohemian, 239 L; German, 240 L, and Yiddish, 241 L). These cards are familiarly known as "Don't Spit" cards and have been printed in large numbers—420,000 in all—and issued through the Charity Organization Society to factories, department stores, railroads and numerous other places where they will do good. It is proposed to issue an equal number in 1908.
6. Inspectors' fumigation card. This card is based on the regular fumigation card of the Division of Contagious Diseases, but have been altered to adapt it for use in connection with tuberculosis, typhoid fever and cerebro-spinal meningitis.
7. Daily summary of sputum examinations (233 L) used in the diagnosis laboratory.
8. Daily summary of Widal examinations (234 L) used in diagnosis laboratory.
9. Daily summary of Diazo examinations (235 L) used in the diagnosis laboratory.
10. Inspectors' and Nurses' daily carfare and telephone record postal card (237 L) used by all employees reimbursed for carfare and telephone expenditures.
11. Name index card (242 L) used in the tuberculosis clinics.
12. Carfare and telephone bill head, first sheet (243 L). This is a great improvement on the old bill—all certifications, vouchers, affidavits, etc., being grouped on the front of the bill and easily seen. All carfare bills are now typewritten on these sheets.

13. Carfare bill head, second sheet (244 L).
14. Notifications postal from physicians of change of address or discontinuance of treatment on the part of their tuberculosis patients (245 L). One of these postals is sent to every physician reporting a case of pulmonary tuberculosis.
15. Card requesting name and address of attending physician (247 L), used in the diagnosis laboratory in cases where the name of the attending physician does not accompany the specimen to be examined.
16. Children's Clinic Record Card (248 L) used at the Children's Saturday Clinics at the Department of Health Tuberculosis Clinics and also in the Associated Tuberculosis Clinics.
17. Tabulation Sheets: (Cerebro-spinal meningitis, 249 L; typhoid fever, 250 L; diphtheria antitoxin, 251 L; and pulmonary tuberculosis, 252 L; clinic cases of pulmonary tuberculosis, 253 L). By means of these sheets it is proposed to obtain complete statistics regarding the various communicable diseases in 1908. By their means, cases can be classified according to sex, five groups of ages, and seven groups of nationalities. Also according to dead and living cases. In this way much valuable information can be obtained.
18. Glanders slip (256 L) sent out with glanders outfits from diagnosis laboratory.
19. Weekly report of Department Tuberculosis Sanatoria (second sheet) (257 L).
20. Drug formulary (258 L). This is a formulary of the prescriptions of the medicines issued by the Tuberculosis Clinics, and is intended solely for use in those clinics and not for general distribution. It is still in the printer's hands.
21. Inspectors' and Nurses' daily carfare and telephone record cards (259 L). This is used for the same purpose as 237 L, but is not a postal card, being used by those employees who visit the Department office daily.
22. Report of examination of glanders specimens (260 L) used in the diagnosis laboratory.
23. Booklet of duplicate sputum slips for use of sanatoria and clinics (261 L). These booklets have been prepared for the use of the Otisville Sanatorium and the various clinics whence come a large number of specimens of sputum for examination.
24. Card for reporting cases of diphtheria to Division of Contagious Diseases (262 L). On this card are reported those cases of diphtheria first coming under the notice of the Department through a request for the injection of antitoxin.
25. Circular of Information Regarding Glanders (263 L).
26. Institution Tuberculosis Record Book (23 L.L.). These books are furnished all hospitals, dispensaries, etc., having to do with cases of pulmonary tuberculosis either for hospital care, treatment or charitable aid. As the cases apply they are entered in these books and daily or weekly the information is given to the Department of Health by telephone. They are widely used.

Division of Laboratories.

The diagnosis laboratory is under the charge of the Chief of the Division of Communicable Diseases, and the report of its work will be found in the report of that Division.

Research Laboratory.

The research work of this laboratory, as in previous years, was divided into two main branches, namely, the production of vaccines and antitoxins, and the other devoted to experimental work.

The amount of diphtheria and tetanus antitoxins produced has been about the same during the past year. Over a thousand stations are now supplied by the City with diphtheria antitoxin, and also the Inspectors and the hospitals of the Department (Table 73).

TABLE 73.

Research Laboratory—Production of Antitoxic Serums and Diagnostic Toxins, 1907.

Units of diphtheria antitoxin produced (in thousands).....	280,624,250
Units of diphtheria antitoxin bottled for distribution (in thousands).....	118,717,000
Cubic centimeters of diphtheria toxin produced.....	124,000
Units of tetanus antitoxin produced (in thousands).....	8,254,000
Units of tetanus antitoxin bottled for distribution (in thousands).....	1,974,000
Cubic centimeters of tetanus toxin produced.....	15,000
Cubic centimeters of mallein bottled for distribution.....	4,050
Cubic centimeters of tuberculin produced.....	1,200
Cubic centimeters of tuberculin bottled for distribution.....	1,315
Samples of toxins tested.....	301
Samples of antitoxin serums tested.....	1,394

The work in the diagnosis and treatment of hydrophobia has increased beyond any previous year. Over 200 animals were received for diagnosis, and of these 181 were found to have been rabid. The number of persons attending the Pasteur Department for treatment, or receiving treatment by mail, was 602, and of these only one developed hydrophobia, 548 did not develop the disease, while 53 were still under observation at the close of the year (Tables 74 and 75).

TABLE 74.

Research Laboratory—Bacteriological Examination of Specimens, 1907.

Bacteriological examinations of water.....	105
Bacteriological examinations of milk.....	14,285
Bacteriological examinations for virulence of diphtheria bacilli.....	249

TABLE 75.

Research Laboratory—Pasteur Treatment, 1907.

Netw patients treated during year.....	602
Living in New York City.....	158
Living outside New York City.....	444
Attending laboratory for treatment.....	137
Receiving vaccine by mail.....	405
Patients developing hydrophobia.....	1
Patients not developing hydrophobia.....	548
Patients under treatment December 31, 1907.....	20
Patients under observation December 31, 1907.....	33
Number of injections in patients.....	13,878
Animals examined for rabies.....	240
Cases.....	181
Not cases.....	59

The bacteriological diagnosis of glanders, by means of the agglutination test, has continued to be carried out at this laboratory. Nearly a thousand horses were tested. The results have been so satisfactory that it is probable that this method of testing will be transferred to the diagnosis laboratory next year.

Studies in the methods of refining and concentrating diphtheria and tetanus antitoxins, which were started in this laboratory, have been continued, and with the new year it is probable that the present refined antitoxin will be replaced with a still purer product. In this manner, the deleterious effects which have followed the use of horse serum in a certain percentage of cases will be still further avoided. This work has kept two chemists constantly occupied during the year.

The study of the causation of scarlet fever has been carried on by three workers of the staff, and while many interesting facts have developed, no definite conclusions have, as yet, been reached.

Two of the workers have been engaged in the study of the intestinal bacteria, with the hope of gaining knowledge which will be useful in preventing the summer diarrheas of children and the intestinal disorders of older persons.

Special studies were made during the year on the so-called typhoid carriers, that is, persons who, after recovering from typhoid fever, continued to pass typhoid bacilli in the stools. A woman who had served as cook in various families during the past five years is known to have infected at least twenty-six people and has caused at least two deaths. This patient was examined from week to week. Four other typhoid carriers

† Free. ‡ Paying.

are at present under observation. They are in the insane hospital and therefore offer good opportunities for proper supervision.

Bacteriological examinations of water, milk and ice (Table 74) were carried on to a considerable extent, in order to develop the best methods for examining these substances and also to gain knowledge as to the danger that bacteria present in these fluids may offer to adults as well as children.

A considerable number of workers on the laboratory staff were occupied in testing the conclusions of Sir A. E. Wright, upon the use of vaccines in many diseases and upon the opsonic index as a test for the use of such vaccines. The conclusions drawn from this investigation were that Wright had greatly overestimated the value of the opsonic index and to some extent the value of the vaccines in acute infections. The experience gained in these studies leads to the belief, however, that a greater use could be made of the vaccines than had been thought possible before Wright had brought the subject to the general attention of physicians.

Other, more technical studies, such as the investigation of agglutinins and the fractional precipitation of immune substances have been carried on, but these have only given results of interest to workers in these special lines. While the working force of the laboratory has not been increased, several additions to the equipment of this Department have been made during the year. Thus, a new electrical apparatus has been installed for a constant temperature tank, a dry sterilizer for constant temperature, and a large force pump have been added to the laboratory outfit. Two microscopes have also been acquired, which replaced two that had become practically useless.

Vaccine Laboratory.

This laboratory is charged with the production and testing of vaccine for the use of the Department, as well as for sale to institutions and private physicians. The work of the laboratory is summarized in Table 76. A large amount of vaccine is constantly kept on hand for any emergency. While the production of vaccine was carried on during the year along lines established for some years past, there have been made a number of minor improvements in the technique of production, which are intended to preserve the vaccine from extraneous contamination by germs during the process of gathering and preparation. Efforts are constantly being made along this line, and the vaccine now produced by the Department is as pure as this product can be made, when it is remembered that any method which would secure an absolute destruction of germs in vaccine would nullify its potency. Special tests to detect the possible presence of tetanus germs are carried out for each strain of vaccine produced, by inoculating animals and watching them until there is no possibility of tetanus infection. Only such virus as passes this test successfully is put out, all other virus being destroyed.

TABLE 76.

Vaccine Laboratory—Virus Produced, Tested, and Issued, 1907.

Production of Vaccine Virus—	
Grams collected.....	361,394
Cubic centimeters of liquid virus prepared.....	12,300
Spades charged with humanized virus.....	6,050
Experimental Testing of Virus—	
Primary vaccinations.....	2,306
Secondary vaccinations.....	9
Visits.....	2,521
Miscellaneous—	
Specimens of virus tested bacteriologically.....	828
Inspections of virus previously sold.....	500
Animals vaccinated.....	95
Animals collected from.....	94
Autopsies on animals.....	95
Guinea pigs injected.....	191
Other animals experimented upon.....	20
Mailing blocks prepared.....	107,328
Capillary tubes prepared.....	89,027
Capillary tubes destroyed.....	14,333

	To Chief Clerk.	To Hospitals.	To Miscellaneous.	In Exchange for Old Virus.	Total.
Vaccine Virus Issued—					
Capillary tubes.....	36,892	374	432	3,081	44,749
Small vials.....	1,742	241	44	—	2,027
Large vials.....	8,578	68	—	—	8,646

Next to the production of virus, the testing of its efficiency constantly occupies a part of the laboratory's staff. During the past year this work has been carried on, not only in the usual manner of testing clinically the potency of each strain of vaccine produced before it was put out by the laboratory, but also by means of a series of animal inoculations. These experiments were carried out with a view of devising, if possible, some method of standardizing vaccine as to its potency. Such a method is made necessary by the fact that calves differ markedly in the potency of the vaccine which they produce, and that nothing in the appearance of a calf, nor in the manifestations of the vesicles which develop in a calf during the process of formation of the virus can be taken as giving a clue to the potency of the virus produced by a given animal. In order to remedy this defect, rabbits were inoculated with diluted vaccine, a definite amount of the virus being taken and a measured surface of the animal being inoculated at each experiment. It is hoped, in this manner, or in some similar way, to develop a method whereby the number of vesicles which are formed as the result of such inoculations with standard amounts and standard surfaces of scarification will indicate the potency of a strain of virus. As yet, no definite results from these experiments can be announced, but it is hoped that positive conclusions may be reached in time for publication in next year's report.

Chemical Laboratory.

The total number of specimens analyzed during the year was 9,048. This number was smaller than that of the previous year because in that year there were many special examinations of meats and meat products, as well as an unusually large number of samples of milk. Table 77 shows the number of specimens of each class submitted and analyzed during the year. Table 78 shows the results of each of these analyses, the various groups of products being classified according to their general chemical characters. Of the total number of analyses, 8,793 were performed by order of the Department of Health. Two samples were sent in by the Trachoma Hospital; 160 samples by the Police Department, 31 by the Department of Water Supply, 3 by the Department of Street Cleaning, 12 by Bellevue Hospital, 4 by the Department of Education, 2 by the Department of Correction, 3 by Coroners, 2 by the District Attorney, 21 by the Bureau of Public Buildings and Offices, 4 by the Fire Department, 3 by the Tenement House Department, and 1 by the New York Eye and Ear Infirmary.

A considerable amount of time was spent by the Chemist and his Assistants in attendance at Court; the number of half-days so spent, and the authorities for whom such attendance was required, are shown in Table 79.

During the past year several interesting investigations have been carried on by this laboratory. The most important of these for the City at large was the examination of the water supply furnished by a company in the Borough of Richmond. It being suspected that a polluted stream constituted one of the sources of supply, some lithium chloride was introduced into the stream above the pumping station, at the suggestion of the General Medical Officer. Samples of the water were secured before the admixture of lithium chloride, and at intervals of one hour for four hours after said admixture, a house tap on the water main being used for the collection of these samples. The water was found free from lithium before the introduction of the lithium

chloride, as attested by an examination of its mineral residue by means of the spectroscopic and the spectrometer. After the introduction of the lithium salt above the pumping station, however, lithium was found in increasing quantities in the water until the fourth hour, when the amount began to diminish. In this way the stream was identified as one of the sources of supply in the water system of the company.

Experimental researches have also been carried on on the physiological effect of artificial fruit essences and extracts, and on the sophistications of maple syrup, honey, etc. The results of these are not yet ready for publication.

DIVISION OF LABORATORIES.

TABLE 77.

Chemical Laboratory—Specimens Submitted and Analyzed, 1907.

Total number of specimens analyzed.....	9,048
Total number of pieces of apparatus tested.....	551
Total number of reports forwarded and filed.....	9,594

Specimens submitted—

By Department of Health:

Acetic acid.....	1
Air.....	4
Aluminum bronze.....	2
Apple butter.....	2
Arnica (tincture of).....	1
Baking powder.....	11
Bay rum.....	8
Beans, stringless (canned).....	2
Beef extract.....	3
Beer.....	1
Biscuits (Castoid).....	1
Biscuit powder.....	6
Bologna.....	1
Borax.....	1
Bread.....	1
Bread (gluten).....	4
Breakfast food (gluten).....	1
Brezeerine.....	1
Bricks.....	2
Brilliantine.....	2
Brine solution.....	7
Bromangelon.....	1
Bronzing liquid.....	2
Butter.....	4
Buttermilk (special).....	1
Cactarine (Dr. H. Robinson's).....	1
Cactarine cream.....	1
Candy.....	104
Carbolic acid solution.....	25
Carbon electrodes.....	2
Cassia.....	2
Catarrh powders.....	65
Catsup.....	21
Caviar.....	3
Celery tonic.....	1
Chicken.....	1
Chili sauce.....	3
Chinosol.....	1
Chocolate.....	2
Chocolate liquor.....	1
Cider.....	15
Cinnamon.....	1
Coal.....	59
Coal tar powder.....	2
Coca Cola.....	1
Coca Cola syrup.....	1
Cocaine.....	6
Cocoa.....	7
Cocunut (shredded).....	1
Cod-liver oil.....	4
Coffee.....	1
Coke Dandruff Cure.....	1
Cold cream.....	1
Collodion.....	11
Coloring matter.....	4
Compressed pill (throat, mentholated).....	5
Compressed tablets (throat, mentholated).....	18
Condensed milk, unsweetened (loose).....	2
Corned beef.....	3
Corn starch.....	1
Coryzon.....	138
Creams, adulterated.....	3
Creams, special.....	2
Cream of Tartar.....	1
Creamallo.....	1
Creamo.....	1
Crystalline substance (white).....	1
Curry powder.....	1
Enamolin.....	1
Effluent from Sewage Disposal Plant.....	1
Epsom salt.....	2
Essence of lemon.....	1
Essence of peppermint.....	1
Ethyl alcohol.....	60
Experimental analyses.....	1
Extract of banana.....	1
Extract of celery.....	1
Extract of cinnamon.....	1
Extract of cloves.....	1
Extract of Jamaica ginger.....	17
Extract of lemon.....	1
Extract of nutmeg.....	1
Extract of orange.....	4
Extract of pineapple.....	1
Extract of pistachio.....	3
Extract of raspberry.....	2
Extract of rose.....	6
Extract of strawberry.....	43
Extract of vanilla.....	4
Extract of witch hazel.....	1
Facial cream.....	1
Fat.....	2
Feathers and silk floss.....	3
Fillers.....	3
Fish (smoked).....	1
Flavor, cherry.....	1
Flavor, chocolate.....	11
Flavor, lemon.....	2
Flavor, orange.....	1
Flavor, pineapple.....	2
Flavor, raspberry.....	1
Flavor, strawberry.....	1
Florida water.....	2

Specimens submitted—

By Department of Health:

Flour	1
Formaldehyde fumigator	1
Freezerine	2
Gelatine	13
Ginger ale	4
Gold bronze	2
Grape juice	3
Hair tonics	15
Ham (potted)	1
Hard oil finish	1
Hay's Hair Health	1
Headache powders	4
Honey	12
Hydrocine	1
Hygiene freezing cream	1
Inside spar	1
Iridium chloride	3
Jam	11
Jell-O	1
Jelly	12
Jellycon	1
Jelly powder	3
Lakmustinkar	1
Lard	1
Lemonade	10
Lemon juice	3
Lemon juice solution	1
Lemon evaporated	1
Lemon syrup	17
Lime juice	2
Linseed oil	4
Liquid drier	2
Liquid eggs	6
Lobster (canned)	1
Mace	4
Macaroni	1
Maple sugar	1
Meat (chopped)	25
Medicine (brown colored)	5
Menthol powder	1
Milk, adulterated	1,480
Milk bottle caps	1
Milk, condensed	71
Milk, human	2
Milk, special	11
Milk, sour	1
Milk, unadulterated	4,779
Milk, unsweetened, condensed	53
Mince meat	2
Mixture in bottle	1
Molasses	5
Mustard	10
Mustard oil	1
Nasalere	1
Newbro's Herpicide	1
Nitrate of silver	1
Oil, mineral	1
Olive oil	8
Olives	1
Opium	2
Orange phosphate	2
Outside spar	1
Paint	2
Paint and varnish remover	1
Paprica	2
Paraform	2
Pears (canned)	1
Peas (canned)	8
Pepper	6
Piccoletti	1
Pickles	2
Pig's foot	2
Plums (canned)	1
Plum pudding	1
Pork (fresh)	2
Pork and beans (canned)	2
Powder (Phenacetin)	1
Powder (reddish)	1
Powder (white)	10
Proto puffs (American)	1
Pudding (coconut rice)	1
Puff Brodt (Austrian)	1
Rolls	1
Rose cream	1
Salad cream	1
Salad dressing	1
Salad oil	7
Salmon (canned)	5
Sarsaparilla	6
Sausages	4
Scrappings from walls and ceilings	1
Shellac	3
Shellac and denatured alcohol	1
Silver polish	2
Soda water	17
Soaps	7
Soaps, chips	3
Soil	1
Shampoo, dry	5
Shampoo, liquid	1
Shrimp (canned)	1
Spirits of camphor	7
Starch	2
Steak	1
Stomach and liver section	1
Succotash	1
Substance (white)	2
Substance (black)	1
Substance (green)	1
Substance (red)	1
Sugar corn	2
Sugar syrup	1
Sweet oil	1
Syrup, maple	34
Syrup, orange	1
Syrup, raspberry	1
Syrup of white pine compound	1
Tablets (Muriate of Ammonia)	1
Tallow, refined edible	1
Tamales	1
Tannic acid	1
Tartar	2

Specimens submitted—

By Department of Health:

Ten	1
Thymocol	1
Toilet water	18
Tomatoes (canned)	21
Tomato paste	1
Tomato soup	2
Turpentine	3
Urine	4
Vanilla bean	2
Vanoleum	1
Varnish	7
Vegetation grass	4
Vegetation leaves	5
Vichy	1
Vinegar	9
Violet extract	1
Vomit	1
Wall paper	2
Waters (sanitary purity)	972
Waters (chlorine)	102
Waters (cellar)	15
Waters (special)	5
Water (colored)	1
Westphahl's Auxiliator	1
Whiskey	31
Wine	1
Wine (claret)	1
Wine (coca)	5
Wine (Vin Mariani)	9
Wood paving block	2
Worcestershire sauce	1
Yeast powder	1
Total	8,793

By Trachoma Hospital:

Jam	1
Nitrous oxide	1
Total	2

By Police Department:

Bran-like substance	1
Carbolic acid	1
Cocaine	1
Clothing	8
Envelope containing bottle	2
Glasses	1
Ham	1
Liquids	21
Meat (chopped)	2
Meat extract	1
Morphine	1
Morphine and atropine mixture	1
Opium (tincture)	1
Phenacetin	1
Pills	1
Powders	21
Roll of paper	1
Sausage	1
Scrappings from person	3
Substance (blue)	1
Substance (brown)	16
Substance (white)	3
Tablets	1
Trional	1
Vomit	1
White crystals	5
White crystalline substance	4
Total	160

By Department of Water Supply:

Cellar waters	31
Total	31

By Department of Street Cleaning:

Ashes	1
Paint	2
Total	3

By Bellevue Hospital:

Washing soda	5
Corn starch	1
Mustard	1
Baking powder	1
Sweet oil	1
Cream	1
Soup	2
Total	12

Department of Education:

Coal	1
Muriatic acid	2
Soap	1
Total	4

By Department of Correction:

Pearline	1
Soap powder	1
Total	2

By Coroner:

Candy	1
Portion of body	1
Stomach contents	1
Total	3

By District Attorney:

Pills	1
Pink salve	1
Total	2

Specimens submitted—

By Fire Department:	
Soap powder	4
By Tenement House Department:	
Cellar waters	3
By New York Eye and Ear Infirmary:	
Urine	1

Specimens submitted—

By Bureau of Public Buildings and Offices:	
Eureka Bleach	4
Jelly Oil Soap	0
Lubricating oil soap	5
Soap powder	0
Total	21

TABLE 78.
RESULTS OF ANALYSES, 1907.
Alcoholic Beverages.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29507	Herman & Heim, Terminal House, South Beach, S. I.	Lager beer, bottled, Rubsam & Hermann	Free from poisonous metals, sulphates, salicylic acid, benzoic acid, fluorides, formaldehyde, beta naphthol and saccharin. Litmus 0.7 grams per 100 cm.; alcohol by weight, 9.06 per cent.; alcohol by volume, 12.40 per cent.
29516	Dr. Park, Research Laboratory	Lakmustinktur	
28502	Charles Grill, No. 2591 Eighth avenue, Major Paul's	Whiskey	Methyl alcohol absent.
28928	Cushing Medical Company, No. 126 Fulton street.	Rye Whiskey	Methyl alcohol absent.
29126	Abr. Hochman, No. 28 Stanton street.	Whiskey	Alcohol by weight, 35.75 per cent.; alcohol by volume, 42.06 per cent.; extractive matter, 0.46 per cent.; ash, none; methyl alcohol, none; artificial coloring matter, eosin tar dyes, none.
28539	Chief Clerk's office	Whiskey	Alcohol by weight, 41.20 per cent.; by volume, 48.59 per cent.; total solids, 0.21 per cent.
28637	Chief Clerk's office	Whiskey	Alcohol by weight, 35.75 per cent.; by volume, 42.67 per cent.; total solids, 0.31 per cent.
28618	Chief Clerk's office	Whiskey	Alcohol by weight, 41.40 per cent.; by volume, 48.85 per cent.; total solids, 0.19 per cent.
28774	Chief Clerk's office	Whiskey	Alcohol by weight, 37.70 per cent.; by volume, 44.92 per cent.; ash, 0.36 per cent.
28904	Chief Clerk's office	Whiskey	Alcohol by weight, 36.90 per cent.; by volume, 44.00 per cent.; extract, 0.27 per cent.
28905	Chief Clerk's office	Whiskey	Alcohol by weight, 37.48 per cent.; by volume, 44.61 per cent.; extract, 0.27 per cent.
28906	Chief Clerk's office	Whiskey	Alcohol by weight, 37.50 per cent.; by volume, 44.73 per cent.; extract, 0.28 per cent.
28907	Chief Clerk's office	Whiskey	Alcohol by weight, 37.50 per cent.; by volume, 44.61 per cent.; extract, 0.28 per cent.
28908	Chief Clerk's office	Whiskey	Alcohol by weight, 42.01 per cent.; by volume, 49.53 per cent.; extract, 0.41 per cent.
28909	Chief Clerk's office	Whiskey	Alcohol by weight, 38.38 per cent.; by volume, 45.63 per cent.; extract, 0.58 per cent.
28910	Chief Clerk's office	Whiskey	Alcohol by weight, 41.93 per cent.; by volume, 49.45 per cent.; extract, 0.10 per cent.
29040	Chief Clerk's office	Whiskey	Alcohol by weight, 41.55 per cent.; by volume, 48.97 per cent.; extract, 0.30 per cent.
29070	Chief Clerk's office	Whiskey	Alcohol by weight, 42.26 per cent.; by volume, 49.31 per cent.; extract, 0.28 per cent.
29224	Chief Clerk's office	Whiskey	Alcohol by weight, 42.85 per cent.; by volume, 50.42 per cent.; extract, 0.23 per cent.
29225	Chief Clerk's office	Whiskey	Alcohol by weight, 42.45 per cent.; by volume, 50.03 per cent.; extract, 0.26 per cent.
29226	Chief Clerk's office	Whiskey	Alcohol by weight, 41.97 per cent.; by volume, 49.40 per cent.; extract, 0.26 per cent.
29423	Chief Clerk's office	Whiskey	Alcohol by weight, 43.01 per cent.; by volume, 41.41 per cent.; solids, 0.353 per cent.
29424	Chief Clerk's office	Whiskey	Alcohol by weight, 42.02 per cent.; by volume, 41.76 per cent.; solids, 0.347 per cent.
29425	Chief Clerk's office	Whiskey	Alcohol by weight, 43.80 per cent.; by volume, 41.23 per cent.; solids, 0.340 per cent.
29505	Chief Clerk's office	Whiskey	Alcohol by weight, 40.67 per cent.; by volume, 48.10 per cent.; extract, 0.28 per cent.
29506	Chief Clerk's office	Whiskey	Alcohol by weight, 40.90 per cent.; by volume, 48.32 per cent.; extract, 0.26 per cent.
29507	Chief Clerk's office	Whiskey	Alcohol by weight, 41.18 per cent.; by volume, 48.64 per cent.; extract, 0.28 per cent.
29528	Chief Clerk's office	Whiskey	Alcohol by weight, 40.20 per cent.; by volume, 47.62 per cent.; extract, 0.27 per cent.
29529	Chief Clerk's office	Whiskey	Alcohol by weight, 40.77 per cent.; by volume, 48.21 per cent.; extract, 0.28 per cent.
29540	Chief Clerk's office	Whiskey	Alcohol by weight, 40.14 per cent.; by volume, 47.51 per cent.; extract, 0.24 per cent.
29628	Chief Clerk's office	Whiskey	Alcohol by weight, 42.31 per cent.; by volume, 49.81 per cent.; extract, 0.164 per cent.
29629	Chief Clerk's office	Whiskey	Alcohol by weight, 42.30 per cent.; by volume, 49.81 per cent.; extract, 0.164 per cent.
29630	Chief Clerk's office	Whiskey	Alcohol by weight, 42.29 per cent.; by volume, 49.81 per cent.; extract, 0.130 per cent.
29286	John Kramer, No. 278 Seventh avenue	Mariand wine, Vin Mariand	Alcohol by weight, 15.02 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.05 grain.
28266	Siegel-Cooper Company, Eighteenth street and Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 12.70 per cent.; by volume, 17.50 per cent.; cocaine per fluid ounce, 0.078 grain.
28507	Hegeman & Co., No. 202 Broadway	Mariand wine, Vin Mariand	Alcohol by weight, 12.20 per cent.; by volume, 15.77 per cent.; cocaine per fluid ounce, 0.082 grain.
28523	Wm. B. Riker & Sons, Twenty-third street and Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 12.71 per cent.; by volume, 17.48 per cent.; cocaine per fluid ounce, 0.094 grain.
28610	Lipton Pharmacy, No. 48 Union square	Mariand wine, Vin Mariand	Alcohol by weight, 12.09 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.057 grain.
28624	C. O. Bagshaw, No. 126 Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 13.02 per cent.; by volume, 16.83 per cent.; cocaine per fluid ounce, 0.064 grain.
28636	J. & T. Grotta, No. 448 Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 13.40 per cent.; by volume, 17.08 per cent.; cocaine per fluid ounce, 0.082 grain.
29222	Fred. E. Rosen & Co., No. 221 Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 13.24 per cent.; by volume, 16.83 per cent.; cocaine per fluid ounce, 0.049 grain.
29237	J. & F. Grotta, No. 446 Sixth avenue	Mariand wine, Vin Mariand	Alcohol by weight, 12.80 per cent.; by volume, 16.35 per cent.; cocaine per fluid ounce, 0.04 grain.
29221	R. Hudson's Pharmacy, No. 925 Broadway	Coca wine	Alcohol by weight, 13.88 per cent.; by volume, 18.48 per cent.; cocaine per fluid ounce, 0.085 grain.
29232	Caswell-Massey Company, Broadway and Thirty-first street	Maltine with coca wine	Alcohol by weight, 13.91 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.02 grain.
29267	Daggett & Ramsdell, West Thirty-fourth street	Wine of coca	Alcohol by weight, 16.44 per cent.; by volume, 21.39 per cent.; cocaine per fluid ounce, 0.03 grain.
29573	J. Langan, No. 1 East Forty-second street	Wine of coca	Alcohol by weight, 15.34 per cent.; by volume, 19.87 per cent.; cocaine absent.
29594	Perry's Pharmacy, World Building, Park corner	Wine of coca, Metalf's	Cocaine absent.
29820	Zimmerman & Berger, No. 780 Third avenue	Claret wine	Alcohol by weight, 10.00 per cent.; by volume, 12.20 per cent.; no preservatives or artificial coloring matter present.
28572	Dr. Biggs	Wine	Sugar, none.

Baking Powder.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
27827	Wool & Selick, Company, Eighteenth street and Sixth avenue	Baking powder, Egg	Available carbon dioxide, 12.28 per cent.; starch, phosphates and aluminum present.
27826	Crandall & Godley, No. 137 Franklin street	Baking powder, Red Label	Available carbon dioxide, 12.27 per cent.; starch, phosphates and aluminum present.
27827	Crandall & Godley, No. 137 Franklin street	Baking powder, Golden Crown	Available carbon dioxide, 13.23 per cent.; starch, phosphates and tartrate present.
27920	Wool & Selick, Duane and Hudson streets	Baking powder, Perfect	Available carbon dioxide, 14.12 per cent.; starch, phosphates and aluminum present.
27921	Wool & Selick, Duane and Hudson streets	Baking powder, Favorite	Available carbon dioxide, 13.73 per cent.; starch, phosphates and tartrate present.
28085	Andrew Davy, No. 322 Greenwich street	Baking powder	Available carbon dioxide, 9.24 per cent.; starch, phosphates and aluminum present.
28032	Jahurg Brothers, No. 20 Leonard street	Baking powder, Eclipse	Available carbon dioxide, 12.91 per cent.; starch, phosphates, tartrate and aluminum present.
28036	Jahurg Brothers, No. 20 Leonard street	Baking powder, none	Available carbon dioxide, 13.68 per cent.; phosphates, tartrate and aluminum present.
28050	James Butler, No. 104 Washington street	Baking powder, Blue Ribbon	Available carbon dioxide, 12.10 per cent.; starch and tartrate present.
28103	Great Atlantic and Pacific Tea Company, No. 427 Second avenue	Baking powder, A. & P.	Available carbon dioxide, 7.71 per cent.; starch, phosphates and aluminum present.

Analysis No.	From Whom Received	Samples and Brand.	Results.
28126	James Butler, No. 514 Second avenue.	Baking powder, Blue Ribbon.	Available carbon dioxide, 21.87 per cent.; starch and tartrates present.
28127	Chief Sanitary Inspector.	Baking powder, Davis' O. K.	Available carbon dioxide, 22.50 per cent.; starch, phosphates and aluminum present.
28035	Jaburg Brothers, No. 10 Leonard street.	Yeast	Available carbon dioxide, 25.10 per cent.; starch and tartrates present.
27994	Wood & Selick, Duane and Hudson streets.	Creamo	Sample contains calcium succrate.
27984	Crandall & Godley, No. 157 Franklin street.	Cream of tartar.	1 gram, ashed, 10.4 cm. N/2 acid; heavy metals, ammonia, alum, phosphates and starch, none.
27989	Wood & Selick, Duane and Hudson streets.	Cream of tartar, 98 per cent.	Potassium bitartrate, 99.00 per cent.; 1 gram, ashed, 10.4 cm. N/2 acid; heavy metals, ammonia, alum, phosphates and starch, none.
27992	Wood & Selick, Duane and Hudson streets.	Tartar, Peerless.	1 gram, ashed, acid reaction; 5 grams in 3 c.c. ammonia, residue; heavy metals and ammonia, none; alum, phosphates and starch present.
28034	Jaburg Brothers, No. 10 Leonard street.	Tartar, Royal.	1 gram, ashed, 0.2 c.c. N/2 acid; 5 grams in 3 c.c. ammonia, residue; heavy metals and ammonia none; alum, phosphates and starch present.
28530	H. M. Biggs.	Biscuit, Casold.	Found 2.718 per cent. starch.
28532	H. M. Biggs.	Breakfast food, gluten.	Found 47.49 per cent. starch.
28531	H. M. Biggs.	Bread, gluten.	Found 9.54 per cent. starch.
28328	L. East, Health Food, No. 100 East One Hundred and Fifth street.	Bread, gluten (diabetic).	Moisture, 34.80 per cent.; total protein, 9.31 per cent.; protein, as gluten, 6.60 per cent.; protein, non-gluten, 2.71 per cent.; ether extract, 3.15 per cent.; crude fiber, 0.97 per cent.; sugar, 0.50 per cent.; starch, 47.64 per cent.; dextrin, trace.
29637	Fred. Bender, No. 1306 Second avenue.	Bread, gluten.	Poisonous metals none; moisture, 20.62 per cent.; ash, 3.19 per cent.
29847	Commissioners' office	Bread	Proteids, 6.01 per cent.; cane sugar absent; invert sugar, trace; starch present.
29972	Dr. Billing's office.	Bread	Dark spots in bread are due to moulds.
29774	Manhattan Pie Baking Company, No. 5 Cannon street	Peach filler.	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29773	Manhattan Pie Baking Company, No. 3 Cannon street	Apple filler.	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29774	Manhattan Pie Baking Company, No. 5 Cannon street	Huckleberry filler.	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29973	Dr. Billings	Flour	Flour is of good quality.
28533	Borough of The Bronx, Health Department office.	Macaroni	Sample does not contain any acid.
28630	Chief Clerk's office.	Corn starch, Duryea's.	Microscope shows nothing but pure corn starch.
28631	Chief Clerk's office.	Corn starch, Sunbeam.	Microscope shows nothing but pure corn starch.
28632	Chief Clerk's office.	Starch	Microscope shows nothing but pure corn starch.
28633	Chief Clerk's office.	Starch	Microscope shows nothing but pure corn starch.
29015	Fourteenth Street Store, Fourteenth street and Sixth avenue	Corn starch, Blue Bell.	Foreign starches absent; mineral adulterants absent.
29078	Commissioner's office	Prota puffs, American.	Proteids, 67.04 per cent.; cane sugar absent; starch, 20.70 per cent.
29079	Commissioner's office	Austrian Puff bread.	Proteids, 63.63 per cent.; cane sugar absent; starch, 17.46 per cent.
29286	Isidor Hochberg and M. Birchhorn, No. 12 Clinton street	Rolls	Heavy metals absent; ammonia absent.

Candy, Ice Cream, etc.

Analysis No.	From Whom Received	Samples and Brand.	Results.
27796	John S. Nicholas, No. 117 Lenox avenue.	Candy, nut caramels.	Paraffin and heavy metals absent.
27869	John Ebert, No. 84 East End avenue.	Candy, cordial drops.	Alcohol present.
27881	Morris Bel Port, No. 1928 Second avenue.	Candy	Alcohol absent.
27903	Paulin Lamm, No. 231 East Fourth street.	Candy, fish.	Paraffin and heavy metals absent.
27928	G. Schulz, No. 653 Ninth avenue.	Peppermint candy.	Paraffin and heavy metals absent; artificial coloring matter, coal-tar colors, present.
27949	G. Schulz, No. 653 Ninth avenue.	Molasses taffy.	Paraffin and heavy metals absent.
27960	G. Schulz, No. 653 Ninth avenue.	Peanut taffy.	Paraffin and heavy metals absent.
27961	G. Schulz, No. 653 Ninth avenue.	Butter taffy.	Paraffin and heavy metals absent.
27970	Nathan Cohen, No. 200 East One Hundred and Tenth street.	Candy, licorice buttons.	Starch and licorice present; lampblack absent.
27971	Nathan Cohen, No. 200 East One Hundred and Tenth street.	Candy, licorice squares.	Starch and licorice present; lampblack absent.
27972	Nathan Cohen, No. 200 East One Hundred and Tenth street.	Candy, licorice pastilles.	Starch and licorice present; lampblack absent.
27973	Nathan Cohen, No. 200 East One Hundred and Tenth street.	Candy, licorice strings.	Starch and licorice present; lampblack absent.
27974	Nathan Cohen, No. 200 East One Hundred and Tenth street.	Candy, licorice gum drops.	Starch and licorice present; lampblack absent.
27975	Abr. Weinburg, No. 2091 Second avenue.	Candy, licorice sticks.	Starch and licorice present; lampblack absent.
27976	Nathan Black, No. 212 East One Hundred and Tenth street.	Candy, licorice pastilles.	Starch and licorice present; lampblack absent.
27977	Nathan Black, No. 212 East One Hundred and Tenth street.	Candy, licorice sticks.	Starch and licorice present; lampblack absent.
27978	Louis Resnik, No. 246 East One Hundred and Tenth street.	Candy, licorice sticks.	Starch and licorice present; lampblack absent.
28067	A. Shulkin, No. 828 Third avenue.	Licorice pellets.	Starch and licorice present; lampblack absent.
28068	John E. Staub, No. 828 Third avenue.	Licorice sticks.	Starch and licorice present; lampblack absent.
28091	Frank Shelling, No. 9 Rider street.	Candy, licorice strawberries.	Starch and licorice present; lampblack absent.
28092	Jacob Simon, No. 116 Attorney street.	Candy, licorice pennies.	Starch and licorice present; lampblack absent.
28093	Abr. Siegel, No. 121 Broome street.	Candy, licorice raspberries.	Starch and licorice present; lampblack absent.
28094	John Grammas, No. 1930 Third avenue.	Licorice gum drops.	Starch and licorice present; lampblack absent.
28095	Morris Rathaus, No. 234 East Fifth street.	Licorice tubes.	Starch and licorice present; lampblack absent.
28096	Morris Kivitz, No. 178 Essex street.	Licorice sticks.	Starch and licorice present; lampblack absent.
28097	Wolf Gottlieb, No. 43 Forsyth street.	Licorice sticks.	Starch and licorice present; lampblack absent.
28126	George Davis, No. 20 Wooster street.	Candy	Sample contains 0.0033 per cent. of sulphurous acid.
28175	Siegel-Cooper Company, Sixth avenue and Eighth street.	Candy	Mineral adulterants, poisonous metals, paraffin, starch and artificial color, coal tar, absent.
28179	Abr. Bergera, No. 42 Rivington street.	Candy	Sample contains no coloring matter or poisonous metals.
28180	Conrad Wack, No. 46 Rivington street.	Candy, cordial drops.	Alcohol absent.
28221	Inspector Fuller, Department of Health.	Candy	Sample contains 0.0205 per cent. of sulphurous anhydride (SO ₂).
28221A	Inspector Fuller, Department of Health.	Candy	Sample contains 0.0205 per cent. of sulphurous anhydride (SO ₂).
28313	Louis G. Hellmers, No. 1507 Avenue A.	Candy, taffy.	Cinnamon present; colored with coal-tar dye.
28340	Gordon Wolf & Co., No. 701 Cannon street.	Halva	Coloring matter and poisonous metals absent.
28350	J. Taland, No. 229 West Sixtieth street.	Candy	Paraffin and heavy metals absent; artificial coloring matter, coal-tar dyes, present.
28351	Dell's, Broadway and Thirty-seventh street.	Candy, caramel.	Paraffin and heavy metals absent; artificial coloring matter, coal-tar dyes, absent.
28352	Dell's, Broadway and Thirty-seventh street.	Chocolate cream drops.	Paraffin and heavy metals absent.
28353	C. Helmstetter, No. 534 Broome street.	Chocolate colored coffee drops.	Alcohol absent.
28357	Dell's, corner Thirty-seventh street and Broadway.	Caramels	Paraffin absent.
28377	Lena Meyer, No. 2114 Third avenue.	Cordial drops.	Alcohol present.
28378	Hollstein Brothers, Madison avenue and One Hundred and Fifty-fifth street.	Cordial drops.	Alcohol present.
28379	Charles Chickacos, No. 2167 Third avenue.	Cordial drops.	Alcohol present.
28380	Eliza Tiedemann, No. 2096 Third avenue.	Cordial drops.	Alcohol present.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28521	Wm. Ypallante, No. 1653 Madison avenue.....	Cordial drops.....	Alcohol present.
28522	Morris Ehrlich, No. 1685 Lexington avenue.....	Cordial drops.....	Alcohol absent.
28523	Harry Kronick, No. 1701 Lexington avenue.....	Cordial drops.....	Alcohol absent.
28524	Wm. H. Walters, No. 1076 Third avenue.....	Licorice.....	Artificial coloring matter, coal-tar colors and carbon, absent.
28525	John Hildebrandt, No. 1512 Third avenue.....	Chocolate cordial drops.....	Alcohol present.
28526	J. Finke, No. 1655 First avenue.....	Cordial drops.....	Alcohol present.
28527	Alt. F. Mayer, No. 1418 Third avenue.....	Cordial drops.....	Alcohol present.
28528	Sammel Rappaport, No. 1381 Third avenue.....	Cordial drops.....	Alcohol absent.
28529	Jos. Shore, No. 356 East Eighty-first street.....	Cordial drops.....	Alcohol absent.
28530	Annie Blagman, No. 1307 Third avenue.....	Cordial drops.....	Alcohol absent.
28531	Mareks, No. 453 Third avenue.....	Chocolate caramels.....	Paraffin absent.
28532	Emil Roggenkamp, No. 810 Third avenue.....	Liquid drops.....	Alcohol present.
28533	Mareks, No. 453 Third avenue.....	Vanilla caramels.....	Paraffin absent.
28534	Henry Bruns, No. 828 Third avenue.....	Cordial drops.....	Alcohol present.
28535	Horn & Sachar, No. 86 Forsyth street.....	Chocolate, Crave & Martin Co.....	Moisture, 0.97 per cent.; ash, 1.05 per cent.; ether extract, 27.44 per cent.; cocoa shells, none.
28536	Horn & Sachar, No. 86 Forsyth street.....	Chocolate, Hocron.....	Moisture, 0.72 per cent.; ash, 1.15 per cent.; ether extract, 24.06 per cent.; cocoa shells, none.
28537	Horn & Sachar, No. 86 Forsyth street.....	Sweet chocolate midigets, Vienna.....	Moisture, 0.25 per cent.; ash, 1.12 per cent.; ether extract, 25.73 per cent.; cocoa shells, none.
28538	J. Tompkins, No. 181 Ninth avenue.....	Rock candy.....	Cane sugar, 98.8 per cent.; glucose and sulphites, none.
28539	Hawley & Hoops, No. 267 Mulberry street.....	Chocolate cream dross.....	Alcohol absent.
28540	Horn & Sachar, No. 86 Forsyth street.....	Chocolate tablets, Crave & Martin.....	Moisture, 1.25 per cent.; ash, 2.02 per cent.; ether extract, 28.80 per cent.; cocoa shells, none.
28541	Horn & Sachar, No. 86 Forsyth street.....	Chocolate bars, O. K.....	Moisture, 1.38 per cent.; ash, 1.81 per cent.; ether extract, 23.01 per cent.; cocoa shells, none.
28542	Horn & Sachar, No. 86 Forsyth street.....	Chocolate bars, Little Jane.....	Moisture, 0.54 per cent.; ash, 1.62 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.
28543	Horn & Sachar, No. 86 Forsyth street.....	Chocolate bars, 16 to 1.....	Moisture, 0.43 per cent.; ash, 1.58 per cent.; ether extract, 20.46 per cent.; cocoa shells, none.
28544	Horn & Sachar, No. 86 Forsyth street.....	Sweet clover chocolate, Wilbur's.....	Moisture, 0.40 per cent.; ash, 1.30 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.
28545	Horn & Sachar, No. 86 Forsyth street.....	Chocolate cigars, Hooton's.....	Moisture, 0.70 per cent.; ash, 1.18 per cent.; ether extract, 24.31 per cent.; cocoa shells, none.
28546	Mr. Fuller.....	Candied pineapple.....	Sample contains 0.876 per cent. anhydrous sulphurous acid (SO ₂).
28547	Henry Kesler, No. 711 Amsterdam avenue.....	Liquid candy dross.....	Alcohol absent.
28548	Marcus Braunstein, No. 773 Amsterdam avenue.....	Liquid candy dross.....	Alcohol absent.
28549	Henry Gleick, No. 709 Amsterdam avenue.....	Liquid candy dross.....	Alcohol absent.
28550	Jos. Weisman, No. 685 Amsterdam avenue.....	Liquid candy dross.....	Alcohol present.
28551	Jos. Higgins, No. 122 West One Hundred and First street.....	Liquid candy dross.....	Alcohol present.
28552	Morris Levy, No. 815 Amsterdam avenue.....	Candy dross.....	Alcohol present.
28553	Wolf Nelson, No. 785 Amsterdam avenue.....	Liquid candy dross.....	Alcohol present.
28554	Jacob Koshoff, No. 46 West One Hundred and Sixteenth street.....	Liquid candy dross.....	Alcohol present.
28555	Bernard Cohen, No. 986 Columbus avenue.....	Liquid candy dross.....	Alcohol present.
28556	Isaac Weinstein, No. 131 West One Hundred and First street.....	Liquid candy dross.....	Alcohol absent.
28557	Emil Stern, No. 762 Amsterdam avenue.....	Liquid candy dross.....	Alcohol absent.
28558	Hyman Olean, No. 1407 Fifth avenue.....	Liquid candy dross.....	Alcohol absent.
28559	George Markstein, No. 2198 Fifth avenue.....	Butter candy, white seal.....	Alcohol absent.
28560	Louis Alberg, No. 2140 Fifth avenue.....	Cordial drops.....	Alcohol absent.
28561	Isr. Levinson, No. 1224 Amsterdam avenue.....	Cordial dross.....	Alcohol present.
28562	Louis Miesner, No. 1720 Amsterdam avenue.....	Cordial dross.....	Alcohol absent.
28563	Jacob Dreifus, No. 2202 Eighth avenue.....	Cordial dross.....	Alcohol absent.
28564	Abc. Jankow, No. 2180 Eighth avenue.....	Cordial dross.....	Alcohol absent.
28565	Wm. Weisfeld, No. 2456 Eighth avenue.....	Cordial dross.....	Alcohol absent.
28566	David Prior, No. 1457 Amsterdam avenue.....	Cordial dross.....	Alcohol absent.
28567	Henry Martens, No. 168 Lenox avenue.....	Cordial dross mint.....	Alcohol absent.
28568	Henry Morrison, No. 471 Lenox avenue.....	Cordial dross.....	Alcohol absent.
28569	Geo. Weisman, No. 468 Lenox avenue.....	Cordial dross.....	Alcohol absent.
28570	Noah Masowita, No. 2204 Eighth avenue.....	Cordial dross.....	Alcohol present.
28571	Baldassar Moss, No. 2754 Eighth avenue.....	Cordial dross.....	Alcohol present.
28572	Hawley & Hoops, No. 267 Mulberry street.....	Chocolate sweets.....	Alcohol absent.
28573	S. Kramer, No. 197 East Broadway.....	Candy.....	Starch present, poisonous metals and artificial coloring matter, coal-tar dyes, absent.
28574	Mr. Fuller.....	Candy, pineapple.....	Sample contains 0.027 per cent. anhydrous sulphurous acid (SO ₂).
28575	Sealy's Pavilion, South Beach, S. I.....	Colored popcorn, Brackett's.....	Poisonous metals none; artificial color present.
28576	Isaac Gellings, No. 124 Forsyth street.....	Candy.....	Mineral matter and poisonous metals absent, coal-tar dyes present in the pink candy but absent in the white candy.
28577	The Chapel of Intemperance.....	Candy.....	Free from poisonous metals and starch; glucose present.
28578	The Chapel of Intemperance.....	Candy, mixed.....	Free from poisonous metals and starch; glucose present.
28579	Store, No. 256 East Fifty-fifth street.....	Candy, assorted.....	A—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. B—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. C—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. D—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. E—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. F—Starch present; glucose present; arsenic and heavy metals absent; aniline dye trace.
28580	M. Brzman, No. 49 East Fifty-fifth street.....	Candy, assorted.....	
28581	Kauckerbucker Chewing Company, West Thirty-first street.....	Chocolate.....	Cocoa shells none.
28582	A. M. Powell & Co., No. 152 Chambers street.....	Chocolate, U. S. "Powell's".....	Ether extract, 24.70 per cent.; boiling number, 34.25 per cent.; melting point begins 30 degrees C.; complete 33 degrees C.; solidifying point, 33 degrees C.; refractive index, 1.45 per cent.; cocoa butter varies from 1.4575 to 1.4578.
28583	Runkel Brothers, West Thirtieth street.....	Chocolate, Runkel's.....	Cocoa shells none.
28584	Department of Inspection, Manhattan.....	Chocolate Baum.....	Moisture, 1.10 per cent.; ash, 1.27 per cent.; ether extract, 22.50 per cent.; cocoa shells none.

Coals.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28585	Kingston Avenue Hospital.....	Coal.....	Moisture, 3.11 per cent.; volatile and combustible, 5.02 per cent.; fixed carbon, 83.24 per cent.; ash, 10.23 per cent.
28586	Kingston Avenue Hospital.....	Coal.....	Moisture, 2.18 per cent.; volatile and combustible, 5.06 per cent.; fixed carbon, 82.48 per cent.; ash, 9.68 per cent.
28587	Chief Clerk's office.....	Coal.....	Moisture, 1.27 per cent.; volatile and combustible, 7.04 per cent.; fixed carbon, 75.73 per cent.; ash, 15.25 per cent.
28588	Dr. Wilcox.....	Coal, dried.....	Moisture, 3.58 per cent.; volatile and combustible, 4.74 per cent.; fixed carbon, 78.78 per cent.; ash, 12.30 per cent.; water on coal, 8.06 per cent.
28589	Dr. Wilcox.....	Coal.....	Moisture, 3.25 per cent.; volatile and combustible, 5.42 per cent.; fixed carbon, 76.55 per cent.; ash, 12.78 per cent.
28590	Dr. Wilcox.....	Coal.....	Moisture, 3.85 per cent.; volatile and combustible, 5.47 per cent.; fixed carbon, 75.96 per cent.; ash, 11.80 per cent.; added moisture, 8.00 per cent.
28591	Willard Parker Hospital.....	Coal.....	Moisture, 2.09 per cent.; volatile and combustible, 6.45 per cent.; fixed carbon, 71.28 per cent.; ash, 19.20 per cent.
28592	Willard Parker Hospital.....	Coal.....	Moisture, 2.95 per cent.; volatile and combustible, 6.68 per cent.; fixed carbon, 71.02 per cent.; ash, 19.32 per cent.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29027	Chief Clerk's office, via Franklin Edson.	Coal	Moisture, 2.21 per cent.; volatile and combustible, 4.68 per cent.; fixed carbon, 81.11 per cent.; ash, 12.00 per cent.
29038	Chief Clerk's office, via Franklin Edson.	Coal	Moisture, 1.93 per cent.; volatile and combustible, 6.22 per cent.; fixed carbon, 73.34 per cent.; ash, 16.51 per cent.
29075	Willard Parker Hospital.	Coal	Moisture, 2.46 per cent.; volatile and combustible, 6.40 per cent.; fixed carbon, 72.66 per cent.; ash, 18.48 per cent.
29080	Chief Clerk's office.	Coal	Moisture, 1.85 per cent.; volatile and combustible, 6.28 per cent.; fixed carbon, 73.74 per cent.; ash, 18.13 per cent.
29106	Chief Clerk's office.	Coal	Moisture, 2.28 per cent.; volatile and combustible, 5.59 per cent.; fixed carbon, 76.95 per cent.; ash, 15.07 per cent.
29107	Chief Clerk's office.	Coal	Moisture, 2.13 per cent.; volatile and combustible, 6.38 per cent.; fixed carbon, 75.50 per cent.; ash, 15.50 per cent.
29108	Chief Clerk's office.	Coal	Moisture, 2.95 per cent.; volatile and combustible, 7.95 per cent.; fixed carbon, 73.03 per cent.; ash, 16.17 per cent.
29188	Chief Clerk's office.	Coal	Moisture, 2.40 per cent.; volatile and combustible, 4.65 per cent.; fixed carbon, 75.49 per cent.; ash, 17.46 per cent.
29145	Chief Clerk's office.	Coal	Moisture, 3.29 per cent.; volatile and combustible, 4.80 per cent.; fixed carbon, 73.48 per cent.; ash, 18.42 per cent.
29146	Chief Clerk's office.	Coal	Moisture, 3.10 per cent.; volatile and combustible, 6.76 per cent.; fixed carbon, 67.42 per cent.; ash, 18.72 per cent.
29147	Chief Clerk's office.	Coal	Moisture, 2.50 per cent.; volatile and combustible, 7.00 per cent.; fixed carbon, 83.93 per cent.; ash, 6.53 per cent.
29165	Chief Clerk's office.	Coal	Moisture, 2.58 per cent.; volatile and combustible, 3.47 per cent.; fixed carbon, 81.74 per cent.; ash, 10.21 per cent.
29166	Chief Clerk's office.	Coal	Moisture, 3.48 per cent.; volatile and combustible, 6.48 per cent.; fixed carbon, 75.40 per cent.; ash, 14.94 per cent.
29174	Chief Clerk's office.	Coal	Moisture, 1.48 per cent.; volatile and combustible, 6.60 per cent.; fixed carbon, 75.95 per cent.; ash, 13.96 per cent.
29275	Chief Clerk's office.	Coal	Moisture, 2.81 per cent.; volatile and combustible, 6.52 per cent.; fixed carbon, 84.03 per cent.; ash, 6.62 per cent.
29276	Chief Clerk's office.	Coal	Moisture, 1.22 per cent.; volatile and combustible, 7.16 per cent.; fixed carbon, 86.11 per cent.; ash, 11.48 per cent.
29288	Chief Clerk's office.	Coal	Moisture, 1.99 per cent.; volatile and combustible, 6.27 per cent.; fixed carbon, 73.60 per cent.; ash, 18.14 per cent.
29289	Chief Clerk's office.	Coal	Moisture, 3.10 per cent.; volatile and combustible, 4.97 per cent.; fixed carbon, 71.74 per cent.; ash, 18.19 per cent.
29222	Chief Clerk's office.	Coal	Moisture, 2.53 per cent.; volatile and combustible, 7.28 per cent.; fixed carbon, 75.73 per cent.; ash, 14.14 per cent.
29333	Chief Clerk's office.	Coal	Moisture, 2.40 per cent.; volatile and combustible, 7.60 per cent.; fixed carbon, 79.07 per cent.; ash, 15.33 per cent.
29350	Chief Clerk's office.	Coal, stove.	Moisture, 2.87 per cent.; volatile and combustible, 6.22 per cent.; fixed carbon, 72.64 per cent.; ash, 18.27 per cent.
29390	Chief Clerk's office.	Coal, buckwheat.	Moisture, 2.45 per cent.; volatile and combustible, 4.38 per cent.; fixed carbon, 69.57 per cent.; ash, 23.22 per cent.
29391	Chief Clerk's office.	Coal, stove.	Moisture, 3.22 per cent.; volatile and combustible, 4.66 per cent.; fixed carbon, 77.89 per cent.; ash, 14.21 per cent.
29393	Chief Clerk's office.	Coal	Moisture, 2.34 per cent.; volatile and combustible, 4.51 per cent.; fixed carbon, 73.52 per cent.; ash, 19.25 per cent.
29421	Chief Clerk's office.	Coal, buckwheat.	Moisture, 2.86 per cent.; volatile and combustible, 4.80 per cent.; fixed carbon, 74.72 per cent.; ash, 19.59 per cent.
29422	Chief Clerk's office.	Coal	Moisture, 2.81 per cent.; volatile and combustible, 5.78 per cent.; fixed carbon, 74.72 per cent.; ash, 16.68 per cent.
29434	Chief Clerk's office.	Coal	Moisture, 2.44 per cent.; volatile and combustible, 6.72 per cent.; fixed carbon, 75.17 per cent.; ash, 15.64 per cent.
29445	Chief Clerk's office.	Coal	Moisture, 1.84 per cent.; volatile and combustible, 6.07 per cent.; fixed carbon, 79.30 per cent.; ash, 12.80 per cent.
29489	Chief Clerk's office.	Coal	Moisture, 1.75 per cent.; volatile and combustible, 5.68 per cent.; fixed carbon, 76.57 per cent.; ash, 16.50 per cent.
29574	Chief Clerk's office.	Coal	Moisture, 2.52 per cent.; volatile and combustible, 5.27 per cent.; fixed carbon, 75.48 per cent.; ash, 18.62 per cent.
29631	Chief Clerk's office.	Coal	Moisture, 2.59 per cent.; volatile and combustible, 6.17 per cent.; fixed carbon, 76.86 per cent.; ash, 20.38 per cent.
29643	Chief Clerk's office.	Coal	Moisture, 1.28 per cent.; volatile and combustible, 4.76 per cent.; fixed carbon, 76.51 per cent.; ash, 16.98 per cent.
29787	Chief Clerk's office.	Coal	Moisture, 2.55 per cent.; volatile and combustible, 6.57 per cent.; fixed carbon, 74.45 per cent.; ash, 18.48 per cent.
29797	Chief Clerk's office.	Coal	Moisture, 3.54 per cent.; volatile and combustible, 5.53 per cent.; fixed carbon, 73.18 per cent.; ash, 17.72 per cent.
29806	Chief Clerk's office.	Coal	Moisture, 2.43 per cent.; volatile and combustible, 6.23 per cent.; fixed carbon, 75.48 per cent.; ash, 13.94 per cent.
29813	Chief Clerk's office.	Coal	Moisture, 2.97 per cent.; volatile and combustible, 6.08 per cent.; fixed carbon, 68.18 per cent.; ash, 22.32 per cent.
29861	Chief Clerk's office.	Coal	Moisture, 2.85 per cent.; volatile and combustible, 6.11 per cent.; fixed carbon, 77.94 per cent.; ash, 13.08 per cent.
29911	Chief Clerk's office.	Coal	Moisture, 2.98 per cent.; volatile and combustible, 5.70 per cent.; fixed carbon, 80.63 per cent.; ash, 10.59 per cent.
29938	Chief Clerk's office.	Coal	Moisture, 2.19 per cent.; volatile and combustible, 6.10 per cent.; fixed carbon, 74.03 per cent.; ash, 16.78 per cent.
29968	Chief Clerk's office.	Coal	Moisture, 1.86 per cent.; volatile and combustible, 6.54 per cent.; fixed carbon, 67.40 per cent.; ash, 24.11 per cent.
29955	Chief Clerk's office.	Coal	Moisture, 2.87 per cent.; volatile and combustible, 5.20 per cent.; fixed carbon, 79.17 per cent.; ash, 20.07 per cent.
29994	Chief Clerk's office.	Coal	Moisture, 4.09 per cent.; volatile and combustible, 8.11 per cent.; fixed carbon, 69.87 per cent.; ash, 18.32 per cent.
30307	Chief Clerk's office.	Coal	Moisture, 3.44 per cent.; volatile and combustible, 5.00 per cent.; fixed carbon, 71.08 per cent.; ash, 19.04 per cent.
30313	Chief Clerk's office.	Coal	Moisture, 2.43 per cent.; volatile and combustible, 6.02 per cent.; fixed carbon, 76.14 per cent.; ash, 11.98 per cent.
30420	Chief Clerk's office.	Coal	Moisture, 2.70 per cent.; volatile and combustible, 9.21 per cent.; fixed carbon, 69.62 per cent.; ash, 17.47 per cent.
30451	Chief Clerk's office.	Coal	Moisture, 3.30 per cent.; volatile and combustible, 5.50 per cent.; fixed carbon, 77.10 per cent.; ash, 14.30 per cent.
30497	Chief Clerk's office.	Coal	Moisture, 1.94 per cent.; volatile and combustible, 6.04 per cent.; fixed carbon, 71.12 per cent.; ash, 20.80 per cent.
30518	Chief Clerk's office.	Coal	Moisture, 3.88 per cent.; volatile and combustible, 4.69 per cent.; fixed carbon, 74.34 per cent.; ash, 17.39 per cent.
30527	Chief Clerk's office.	Coal	Moisture, 3.06 per cent.; volatile and combustible, 4.40 per cent.; fixed carbon, 76.11 per cent.; ash, 15.36 per cent.
30562	Chief Clerk's office.	Coal	Moisture, 1.77 per cent.; volatile and combustible, 6.28 per cent.; fixed carbon, 77.87 per cent.; ash, 15.08 per cent.
30583	Chief Clerk's office.	Coal	Moisture, 1.93 per cent.; volatile and combustible, 7.23 per cent.; fixed carbon, 68.31 per cent.; ash, 22.53 per cent.

Coloring Matter.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
27979	Crandall & Godley, No. 155 Franklin street.	Vegetable yellow.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
27980	Crandall & Godley, No. 155 Franklin street.	Vegetable green.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
27981	Crandall & Godley, No. 155 Franklin street.	Red paste, pure cochineal.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; aluminum present; sample contains cochineal.
27995	Wood & Selick, Duane and Hudson streets.	Red color, Royal.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
27996	Wood & Selick, Duane and Hudson streets.	Yellow color, Royal.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a yellow color.
28028	Jaburg Brothers, No. 12 Leonard street.	Green coloring.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
28029	Jaburg Brothers, No. 12 Leonard street.	Violet coloring.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
28030	Jaburg Brothers, No. 12 Leonard street.	Blue coloring.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
28031	Jaburg Brothers, No. 12 Leonard street.	Orange coloring.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
28032	Jaburg Brothers, No. 12 Leonard street.	Lesson coloring.	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
28035	J. J. Wisniewski, Nos. 47 and 49 Norfolk street.	Butter coloring.	Sample is contained all colored with various dyes.
28194	National Smoked Fish and Provision Company, No. 90 Van Dyke street, Brooklyn.	Coal-tar powder.	Sample is a coal-tar dye.
28195	National Smoked Fish and Provision Company, No. 90 Van Dyke street, Brooklyn.	Coal-tar powder.	Sample is a coal-tar dye.

Condensed Milks.

Analysis No.	From Whom Received.	Samples and Brand.	Total Solids, Per Cent.	Sugar Casein, Per Cent.	Milk Solids, Per Cent.	Fat, Per Cent.	Proteins, Per Cent.	Ash, Per Cent.	Milk Sugar, Per Cent.
28006	A. F. Beckman, No. 1310 Second avenue.	Crown Astor.	75.71	43.39	31.32	4.98	7.55	1.28	12.94
28007	P. Klee, No. 2364 First avenue.	Valley Farm.	73.81	42.37	31.50	5.17	7.86	2.54	10.85
28008	State, No. 846 Third avenue.	Lisa.	71.20	41.20	30.89	6.42	7.61	1.61	10.98

Analysis No.	From Whom Received	Samples and Brand.	Total Solids, Per Cent.	Sugar Cane, Per Cent.	Milk Solids, Per Cent.	Fat, Per Cent.	Proteids, Per Cent.	Ash, Per Cent.	Milk Sugar, Per Cent.
28009	Store, No. 351 East Forty-first street.	Social	74.79	45.79	34.89	10.70	7.81	1.77	11.80
28010	Store, No. 688 Third avenue.	Schueler's	71.71	41.84	28.87	11.24	6.42	1.74	10.46
28033	C. S. Dixon, No. 350 West One Hundred and Twenty-fourth street	Nursery	75.51	43.07	34.44	11.39	7.54	1.70	11.81
28054	Store, No. 42 Amsterdam avenue.	Darling	71.68	41.36	28.32	9.28	7.54	1.70	10.80
28055	T. Shilfern, No. 352 West One Hundred and Sixteenth street	Universal	69.32	41.12	28.20	8.04	8.69	1.73	9.11
28056	Store, No. 779 Tenth avenue.	Purlan	78.97	43.35	31.48	10.56	7.62	1.97	11.26
28057	Store, No. 867 Columbus avenue.	Empire	74.72	45.93	32.74	10.28	7.07	1.78	11.11
28058	John Wahlen, No. 193 Seventh avenue.	Health	73.53	44.91	29.42	10.04	7.63	1.68	10.17
28090	Great Atlantic and Pacific Tea Company, No. 467 Second avenue	Grandmother's A. & P.	69.61	41.17	28.44	10.18	7.63	1.65	8.98
28133	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Fern, No. 1	75.45	43.06	32.39	10.30	8.18	1.80	12.01
28137	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Daisy, No. 2	71.81	40.25	31.45	10.20	7.81	1.78	11.50
28137	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Bouquet, No. 1	75.83	41.13	32.10	11.13	8.46	1.68	10.68
28261	Cy. Goumet, No. 137 Prince street.		34.78			11.05	8.17	1.54	14.01
28265	James Butler, No. 1143 Second avenue.	Butler's	76.29	43.53	34.70	9.42	7.74	1.78	11.82
28265	James Butler, No. 1143 Second avenue.	Essie	75.39	43.39	31.91	8.40	8.17	1.70	13.35
28267	James Butler, No. 1143 Second avenue.	Liberty	75.25	45.93	30.22	8.82	8.90	1.87	11.43
28268	M. J. McDermott, No. 1159 Second avenue.	Star	74.98	42.72	29.30	9.47	8.34	1.75	10.00
29120	Siegel-Cooper Company, Sixth avenue and Eighteenth street	Fern	75.80	44.16	33.74	11.73	8.04	1.74	12.95
29121	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Bouquet	73.84	42.78	33.06	10.99	8.30	1.68	11.81
29122	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Star	74.70	42.37	30.32	9.25	8.17	1.86	10.05
29123	Macy & Co., Thirty-fifth street and Broadway.	Lily White	73.28	41.86	31.24	9.40	8.62	1.79	11.00
29124	Siegel-Cooper Company, Sixth avenue and Eighteenth street	Daisy	74.26	41.73	30.33	9.18	8.28	1.60	10.88
29125	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Sweet Clover	75.99	42.38	33.52	10.38	8.45	1.89	13.08
29129	John Rush, No. 403 Hudson street.	Sweet Clover	75.33	45.80	31.52	9.98	8.25	1.68	11.62
29158	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Bouquet	71.80	40.36	31.44	11.74	8.70	1.71	10.29
29159	H. O'Neill & Co., Sixth avenue, Twentieth and Twenty-first streets	Daisy	74.53	41.87	29.08	9.12	7.37	1.60	11.03
29160	Siegel-Cooper Company, Sixth avenue and Eighteenth street	Rival	71.71	42.05	29.06	9.22	7.10	1.65	11.09
29161	A. Karp, No. 168 Avenue B.	Darling	74.15	42.18	31.97	9.59	7.92	1.73	12.82
29166	Adams & Co., Sixth avenue and Twentieth street.	Magnolia	72.59	42.06	29.61	9.20	7.50	1.43	11.59
29167	Simpson, Crawford & Co., Sixth avenue and Twentieth street	Fern	73.71	42.90	30.81	9.90	7.02	1.42	11.56
29168	R. H. Macy & Co., Broadway and Thirty-fifth street	Lily White	75.76	41.42	32.32	9.78	8.34	1.61	12.72
29169	Simpson, Crawford & Co., Sixth avenue and Twentieth street	Sweet Clover	74.73	43.13	31.63	8.64	8.34	1.67	11.07
29170	Store, No. 242 Avenue A.	Champion	73.47	42.37	30.99	9.09	7.79	1.56	11.56
29171	Adams & Co., Sixth avenue and Twentieth street.	Winnoki	73.79	42.00	30.68	10.37	7.50	1.38	11.24
29173	Anderson, Fourteenth street and First avenue.	Abletner	70.79	41.91	29.78	9.20	7.50	1.59	11.39
29174	A. G. Karp, No. 248 Avenue B.	Our Best	69.97	39.47	30.50	9.81	7.02	1.88	10.84
29183	James Butler, One Hundred and Twenty-first street and Third avenue.	Essie	75.17	42.66	33.11	9.35	8.00	1.80	13.84
29184	James Butler, One Hundred and Twenty-first street and Third avenue.	Liberty	75.84	44.94	31.80	9.87	8.08	1.79	12.08
29185	James Butler, One Hundred and Twenty-first street and Third avenue.	Butler's	74.40	43.32	30.87	9.82	8.20	1.70	11.15
29194	Great Atlantic and Pacific Tea Company, No. 2133 Eighth avenue	Grandmother's	72.30	42.10	30.20	9.42	7.93	1.74	11.11
29203	Adams & Co., Sixth avenue and Twentieth street.	Silver	70.35	40.19	28.16	9.06	8.00	1.55	9.35
29206	H. J. Wolf, No. 45 Columbus avenue.	Wind Mill	71.22	42.18	30.24	9.75	8.20	1.60	10.99
29207	Edw. Rafter, One Hundred and Twentieth street and Third avenue.	Rafter's	75.47	43.11	32.36	10.00	8.68	1.75	12.55
29208	Gustede Brothers, No. 2185 Eighth avenue.	Silver Cord	71.86	41.77	30.99	9.99	7.79	1.63	10.95
29244	Andrew Davey, No. 57 Manhattan street.	Rustic	74.24	42.17	32.94	9.73	8.91	1.60	11.48
29245	Daniel Reeves, No. 76 Manhattan street.	White Banner	74.39	41.20	30.26	9.08	8.13	1.74	11.41
29246	Daniel Reeves, No. 76 Manhattan street.	Ruby	74.14	42.30	32.63	10.20	9.01	1.47	11.75
29260	C. Paraskopoulos, No. 191 First avenue.	Earle	71.55	41.50	29.95	9.05	7.18	1.62	11.20
29266	J. E. Halton, No. 236 East Fifty-sixth street.	Forget-Me-Not							
29267	Bloomington Brothers, Fifty-ninth street and Third avenue	Vermont	71.97	41.43	29.52	9.99	7.36	1.66	12.69
29268	Chas. Hendon, No. 2191 Second avenue.	Sweet Clover	74.98	42.28	32.30	10.10	8.62	1.75	12.10
29269	Store, No. 1091 Second avenue.	Sweet Clover	75.37	41.92	33.43	10.40	8.34	1.80	12.67
29270	Andrew Davey, No. 1063 Second avenue.	Sweet Clover	71.99	41.45	28.54	8.50	8.43	1.65	11.28
29271	J. C. Holsten, No. 238 East Fifty-sixth street.	Sweet Clover	72.43	41.77	30.26	8.18	8.07	1.78	13.26
29274	Herman Heyer, No. 245 First avenue.	Sweet Clover	73.91	41.25	31.05	9.05	7.36	1.77	12.87
29275	Store, No. 407 East Fourteenth street.	Sweet Clover	73.86	41.62	30.19	10.09	8.35	1.76	11.94
29285	Siegel-Cooper Company, Sixth avenue and Eighteenth street	Sweet Clover	74.46	41.12	31.34	9.61	7.42	1.60	12.71
29286	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Sweet Clover	73.64	41.98	31.36	9.63	7.18	1.71	13.55
29288	Great American Tea Company, southwest corner of Vesey and Church streets	Cuckoo	72.87	40.49	32.38	10.00	8.50	1.61	11.61
29290	J. W. Hamblet, No. 35 Vesey street.	Sweet Clover	74.91	43.02	30.62	9.12	8.33	1.60	10.58
29278	Mrs. McGuire, No. 429 West Forty-second street.	Sweet Clover	74.93	42.45	31.78	9.45	8.99	1.71	13.67
29279	Store, No. 351 West Forty-third street.	Sweet Clover	74.19	43.09	31.91	10.00	7.86	1.76	12.98
29280	Store, No. 502 Tenth avenue.	Sweet Clover	72.51	43.19	29.32	10.47	7.89	1.78	12.00
29281	Phil. Peirie, No. 399 Ninth avenue.	Sweet Clover	73.77	43.66	31.07	10.40	7.19	1.51	11.91
29284	F. Freierhausen, No. 673 Ninth avenue.	Sweet Clover	72.98	42.85	30.13	9.89	7.16	1.69	11.77
29284	Bloomington Brothers, Fifty-ninth street and Third avenue	Ruby	74.39	42.32	30.68	9.88	9.43	1.61	10.68
29285	Frank Pynock, No. 281 First avenue.	Sweet Clover	71.89	41.48	29.44	9.35	7.91	1.76	10.72

(Preservatives not found in any of the above samples of condensed milk.)

Condiments, Catsup, Pickles, etc.

Analysis No.	From Whom Received	Samples and Brand.	Results.
28046	James Butler, No. 394 Washington street.	Chili sauce.	Sodium benzoate, 0.13 per cent.; artificial coloring, coal tar dyes, none.
29190	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Chili sauce, Blue Bell.	Sodium benzoate, 1/2 of 1 per cent.; artificial coloring, coal tar dyes, none.
29291	M. Nellie & Co., No. 140 Franklin street.	Chili sauce, Sale	Sodium benzoate, 1/2 of 1 per cent.; artificial coloring, coal tar dyes, none.
28204	James Butler, No. 472 Second avenue.	Curry powder, Peerless.	Ether extract, 14.17 per cent.; moisture, 5.79 per cent.; ash, 5.68 per cent.; turmeric, present.
28103	Great Atlantic and Pacific Tea Company, No. 467 Second avenue	Mustard, Coleman's.	Moisture, 5.87 per cent.; total ash, 4.16 per cent.; water soluble, 0.23 per cent.; HCl insoluble, 0.30 per cent.; total ether extract, 12.54 per cent.; volatile ether extract, 0.05 per cent.; crude fibre, 3.34 per cent.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28118	Great Atlantic and Pacific Tea Company, No. 774 Third avenue	Mustard, Soltana	Moisture, 2.27 per cent.; ether extract, 19.70 per cent.; volatile ether extract, 0.69 per cent.; non-volatile ether extract, 18.79 per cent.; ash, 6.00 per cent.
28120	Jas. Butler, No. 524 Second avenue	Mustard, Peerless	Moisture, 2.90 per cent.; ether extract, 20.47 per cent.; volatile ether extract, 0.40 per cent.; non-volatile ether extract, 19.97 per cent.; ash, 5.00 per cent.
28160	John P. Kober, No. 602 East Fourteenth street	Mustard	Moisture, 7.280 per cent.; acidity, 2.51 per cent.; ash, 0.73 per cent.; formic present, starch absent.
28212	James Butler, No. 340 First avenue	Mustard, Peerless	Moisture, 3.65 per cent.; total ether extract, 21.14 per cent.; volatile ether extract, 0.12 per cent.; non-volatile ether extract, 21.02 per cent.; ash, 6.43 per cent.
28281	Chief Clerk's office	Mustard, Empire	Moisture, 6.58 per cent.; ether extract, 17.09 per cent.; total ash, 6.43 per cent.; ash insoluble in water, 5.83 per cent.
28906	Chief Clerk's office	Mustard, Gold Medal	Moisture, 4.30 per cent.; total ash, 5.88 per cent.; water soluble, 0.20 per cent.; HCl insoluble, 0.51 per cent.; volatile ether extract, 0.00 per cent.; non-volatile ether extract, 18.08 per cent.
30112	Fourteenth Street Store, Fourteenth street and Sixth avenue	Mustard, Prepared	Free from preservatives and mineral acid, colored with turmeric.
30218	Libby, McNeill & Libby, No. 97 Hudson street	Mustard, Libby's Prepared	Free from preservatives, artificial coloring matter, coal tar colors, colored with turmeric.
30372	Chief Clerk's office	Mustard, Ardentia	Ether extract, 18.70 per cent.; volatile ether extract, 0.00 per cent.; ash, 6.70 per cent.; turmeric absent.
28047	James Butler, No. 524 Washington street	Pickles, Liberty	Salicylic acid, boric acid and artificial coloring matter absent; traces of iron and aluminum present; free mineral acids absent; sodium benzoate, 0.095 per cent.
28149	Columbia Conserve Company, No. 247 West Broadway	Piccaletti, Columbia Sweet	Salicylic and boric acid absent; trace of iron; saccharin none; metals none; benzoate of soda, 0.04 per cent.; turmeric present.
30117	Fourteenth Street Store, Fourteenth street and Sixth avenue	Pickles	Free from mineral acids, heavy metals (copper, zinc, iron), colored with turmeric.
28150	Columbia Conserve Company, No. 247 West Broadway	Salad dressing, Columbia	Moisture, 86.36 per cent.; ash, 0.87 per cent.; mustard oil present; turmeric and starch present.
30114	Fourteenth Street Store, Fourteenth street and Sixth avenue	Salad cream, Alpha	Preservatives, benzoic, salicylic, boric and sulphurous acid absent; turmeric present.
30333	Columbia Conserve Company, No. 247 West Broadway	Salad dressing, Columbia	Preservatives, benzoic, salicylic, boric and sulphurous acid absent; artificial coloring matter, coal tar colors, absent; turmeric present.
28042	James Butler, No. 304 Washington street	Tomato catsup, Peerless	Benzoate of soda, 0.145 per cent.; artificial color, coal-tar dyes, none.
28044	James Butler, No. 304 Washington street	Tomato catsup, Liberty	Sodium benzoate, 0.118 per cent.; artificial color, coal-tar dyes, none.
28045	James Butler, No. 304 Washington street	Tomato catsup, Garden Queen	Sodium benzoate, 0.106 per cent.; artificial color, coal-tar dyes, none.
28102	Great Atlantic and Pacific Tea Company, No. 467 Second avenue	Tomato catsup, A. & P.	Sodium benzoate, 0.106 per cent.; artificial color, coal-tar dyes, none.
28153	Columbia Conserve Company, No. 247 West Broadway	Tomato catsup, Columbia	Sodium benzoate, 0.061 per cent.; artificial color, coal-tar dyes, none.
28161	John J. Kober, No. 602 East Fourteenth street	Tomato catsup, Long Island	Sodium benzoate, 0.106 per cent.; trace of coal-tar dye.
28287	Andrew Davey, No. 350 Greenwich street	Tomato catsup, Atlas	Sodium benzoate, 0.071 per cent.; artificial color, coal-tar dyes, none.
27006	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Tomato catsup, Epicure Oyster Cocktail	Sodium benzoate, 0.072 per cent.; artificial color, coal-tar dyes, none.
27006A	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Tomato catsup, Epicure Oyster Cocktail	Sodium benzoate, 0.106 per cent.; artificial color, coal-tar dyes, none.
27006B	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Tomato catsup, Supreme	Sodium benzoate, 0.106 per cent.; artificial color, coal-tar dyes, none.
27048	Burton & Davis, No. 198 Franklin street	Tomato catsup, Blue Bell	Sodium benzoate, 0.1 of 1 per cent.; artificial color, coal-tar dyes, none.
30110	Fourteenth Street Store, Fourteenth street and Sixth avenue	Tomato catsup, Premier	Preservatives, benzoic, salicylic and sulphurous acid, absent; artificial coloring matter, coal-tar dyes, absent.
30206	F. H. Leggett & Co., West Broadway and Franklin street	Tomato catsup, Libby's	Sodium benzoate, 0.113 per cent.; artificial color, coal-tar dyes, absent.
30217	Libby, McNeill & Libby, No. 97 Hudson street	Tomato catsup, Sunbeam	Benzoic, salicylic and sulphurous acid absent; artificial coloring matter, coal-tar dyes, absent.
30236	Austin, Nichols & Co., Hudson and Jay streets	Tomato catsup, Sunbeam	Sodium benzoate, 0.108 per cent.; artificial coloring matter, coal-tar dyes, absent.
30237	Austin, Nichols & Co., Hudson and Jay streets	Tomato catsup, Sunbeam	Sodium benzoate, 0.092 per cent.; artificial coloring matter, coal-tar dyes, absent.
30300	M. C. Nellis & Co., No. 140 Franklin street	Tomato catsup, Sale	Sodium benzoate, 0.092 per cent.; artificial coloring matter, coal-tar dyes, absent.
30334	Columbia Conserve Company, No. 247 West Broadway	Tomato catsup, Columbia	Benzoic, salicylic and sulphurous acid, absent; artificial coloring matter, coal-tar dyes, absent.
30337	Chas. Israel & Brothers, No. 486 Canal street	Tomato catsup, Sceptre	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30483	Starr, No. 362 Tenth avenue	Tomato catsup, Long Island	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30484	Store, No. 251 West Forty-third street	Tomato catsup, Union	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30485	Mrs. McGuire, No. 429 West Forty-second street	Tomato catsup, Empire	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
28277	Alart & Maguire, No. 68 Madison street	Vinegar, wine	Total solids, 0.10 per cent.; ash, 0.02 per cent.; total acidity, 4.72 per cent.; mineral acids and furfural, none.
28278	Consolidated Produce Company, No. 137 Cherry street	Vinegar, wine	Total solids, 0.06 per cent.; ash, 0.02 per cent.; total acidity, 3.43 per cent.; mineral acids and furfural, none.
28279	Fleishman Vinegar Works, No. 626 West Thirty-fourth street	Vinegar, spirits of	Total solids, 0.074 per cent.; ash, 0.02 per cent.; total acidity, 4.24 per cent.; mineral acids and furfural, none.
28280	Alart & Maguire, No. 68 Madison street	Vinegar, cider	Total solids, 3.50 per cent.; ash, 0.30 per cent.; total acidity, 4.50 per cent.; mineral acids, none.
28281	The General Mustard Mills, No. 103 Mott street	Vinegar, wine	Total solids, 0.14 per cent.; ash, 0.04 per cent.; total acidity, 5.00 per cent.; mineral acids and furfural, none.
28282	Fleishman Vinegar Works, No. 626 West Thirty-fourth street	Vinegar, cider	Total solids, 3.07 per cent.; ash, 0.24 per cent.; total acidity, 4.47 per cent.; mineral acids, none.
28582	Chief Clerk's office	Vinegar	Total solids, 2.30 per cent.; ash, 0.20 per cent.; total acidity, 4.40 per cent.; mineral acids, none.
28700	Chief Clerk's office	Vinegar	Total solids, 2.48 per cent.; ash, 0.30 per cent.; total acidity, 4.81 per cent.; mineral acids, none.
30219	Libby, McNeill & Libby, No. 97 Hudson street	Malt vinegar, Libby's	Mineral acids absent; benzoic, salicylic and sulphurous acid absent.
28207	James Butler, No. 412 Second avenue	Worcestershire sauce, Peerless	Salicylic, benzoic and boric acid, none; artificial coloring matter, none.

Disinfectants and Preservatives.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28751	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28752	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28753	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28754	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28755	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28757	Rich. Weber, No. 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
29548	Willard Parker Hospital	Brine solution	Sample contains 17.0 gms. of calcium chloride per 100 c.c.
29880	Dr. Wilson	Chincol	Oxychinolin, 47.25 per cent.; equivalent to chincol, 86.25 per cent.
29133	Dr. Wilson	Dr. Free's Formaldehyde Fumigator	Sample contains formaldehyde, 28.10 per cent.
29770	Dr. Billings	Hydrocin	Morphine and cocaine absent.
30101	Dr. Wilson	Paraform	Average of two determinations, 26.4 per cent. formaldehyde.
29680	Dr. Wilson	Paraform	Average of two determinations, 32.5 per cent. formaldehyde.
28304	Stutz & Feller, No. 151 First street	Bottle of mixture	Borax, sulphurous acid, artificial coloring matter (coal-tar colors), none.
29866	Dr. Wilson	White powder	Sample is aluminum sulphate.
29867	Dr. Wilson	White substance	Sample is a mixture of formaldehyde and aluminum sulphate.

Drugs and Medicines.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29910	Jacob Weim, No. 703 Sixth street	Bay rum, Superior	Made up with wood alcohol; alcohol by weight, 30.70 per cent.; by volume, 49.78 per cent.; poisonous metals, none.
29920	Sebastiano Carcione, No. 431 East Fourteenth street	Bay rum, Superior	Made up with grain and wood alcohol; alcohol by weight, 42.18 per cent.; by volume, 49.71 per cent.; poisonous metals, none.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29937	Herman Gottlieb, No. 236 East Seventy-seventh street	Bay rum, Superior	Made up with grain and wood alcohol; alcohol by weight, 42.05 per cent.; by volume, 39.62 per cent.; poisonous metals, none.
29947	Max Apotheker, No. 417 West Forty-second street.	Bay rum, Superior	Made up of grain alcohol; poisonous metals, none.
30005	Oscar Dulberger, No. 2075 Third avenue	Bay rum, Superior	Alcohol, by weight, 33.74 per cent.; by volume, 40.38 per cent.; methyl alcohol and poisonous metals, none.
30037	American Perfumery Company, No. 195 Grand street	Bay rum, Domestic	Alcohol by weight, 36.32 per cent.; by volume, 43.09 per cent.; poisonous metals, none; made up with wood alcohol.
30061	Thomas Branigan, No. 161 Amsterdam avenue	Bay rum	Methyl alcohol and poisonous metals, none.
30099	William Fein, No. 214 East One Hundred and Twenty-first street	Bay rum, Superior	Methyl alcohol and poisonous metals, none.
30081	Bernard Markowitz, No. 344 East One Hundredth street	Nux vomica	Ethyl alcohol by weight, 54.16 per cent.; by volume, 52.21 per cent.; wood alcohol, none.
30012	S. Ackerman, First avenue, between One Hundredth and One Hundred and First streets	Brown medicine	Methyl alcohol, none.
30013	B. Markowitz, No. 114 East One Hundred and Third street	Brown medicine	Methyl alcohol, none.
30014	S. Ackerman, First avenue and One Hundred and First street	Brown medicine	Methyl alcohol, none.
30423	S. Albert, No. 112 Lenox avenue	Brown medicine	Sample contains no mineral or vegetable poisons.
30021	Sebastiano Carcione, No. 431 East Fourteenth street	Brilliantine	Made up of grain alcohol; poisonous metals, none.
30096	Wm. Fein, No. 214 East One Hundred and Twenty-first street	Brilliantine	Methyl alcohol and poisonous metals, none.
29928	Herman Gottlieb, No. 236 East Seventy-seventh street	Brocetine	Methyl alcohol and poisonous metals, none.
29917	Jacob Weiss, No. 793 Sixth street	Canillary	Made up of grain alcohol; alcohol by weight, 29.00 per cent.; by volume, 35.05 per cent.; poisonous metals, none.
29917	Sebastiano Carcione, No. 431 East Fourteenth street	Canillary	Poisonous metals, none; made up with grain alcohol.
29929	Herman Gottlieb, No. 236 East Seventy-seventh street	Canillary	Poisonous metals, none; made up with grain alcohol; alcohol by weight, 31.16 per cent.; by volume, 37.22 per cent.
30006	Oscar Dulberger, No. 2075 Third avenue	Canillary	Methyl alcohol and poisonous metals, none.
30050	American Perfumery Company, No. 195 Grand street	Canillary	Methyl alcohol and poisonous metals, none.
30100	Nicholas Spagna, No. 236 East One Hundred and Twenty-first street	Canillary, Superior	Methyl alcohol and poisonous metals, none.
29927	Hegeman & Co., No. 200 Broadway	Cake Dandruff Cure	Methyl alcohol and poisonous metals, none; colored with coal-tar dye.
29843	Kallah Pharmacy, Fourth avenue and Twenty-third street	Cacterine, Dr. Robinson's	Boric acid present; starch, cocaine and morphine absent.
29844	Kallah Pharmacy, Fourth avenue and Twenty-third street	Cacterine cream	Vaseline present; cocaine and morphine absent.
29845	Kallah Pharmacy, Fourth avenue and Twenty-third street	White powder, blowing device, cont. Cold cream, Dazett & Hunsdell	Boric acid present; starch, cocaine and morphine absent. Poisonous metals, none.
30063	Thos. Branigan, No. 161 Amsterdam avenue	Facial cream, Oriental	Poisonous metals, none.
29771	Isaac J. Epstein, No. 1001 Second avenue	Camphor, spirits of	Camphor, by polariscope, 10.26 per cent.; methyl alcohol, none.
28080	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 10.4 per cent., + 10.5 per cent.; camphor, 4.5 per cent.
28084	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 20.8 per cent., + 20.6 per cent.; camphor, 9.00 per cent.
28085	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 1.2 per cent., + 1.4 per cent.; camphor, 0.5 per cent.
28087	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 4.1 per cent., + 4.0 per cent.; camphor, 1.75 per cent.
28088	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 0.6 per cent.; camphor, 0.25 per cent.
28086	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 6.9 per cent.; camphor, 3.00 per cent.
28200	Kellogg & Co., No. 1025 Sixth avenue	Methyl powders, Compound	Free from cocaine and morphine.
28620	Chas. Hirsch, No. 205 Worth street	Cocaine	Sample is cocaine hydrochloride.
28820	A. A. B. S. Lissman, No. 373 Third avenue	Cocaine	Cocaine, 1.01 per cent., equivalent to cocaine hydrochloride, 1.04 per cent.
28668	Chief Clerk's office	Nitric acid	25.1 per cent, nitric acid by weight, corresponds to the U. S. P., 1906.
28665	Chief Clerk's office	Ethyl alcohol	Sample is made up with ethyl alcohol, contains 34 per cent, alcohol, U. S. P.
29282	J. J. Barry, No. 1252 Third avenue	Carbolic acid solution	Found 4.34 per cent, carbolic acid.
29283	B. A. Goldfarb, No. 1265 Third avenue	Carbolic acid solution	Found 4.22 per cent, carbolic acid.
29284	Geo. C. Reus, No. 1664 Third avenue	Carbolic acid solution	Found 3.21 per cent, carbolic acid.
29285	Arthur Baulow, Lexington avenue and Ninety-ninth street	Carbolic acid solution	Found 3.29 per cent, carbolic acid.
29295	Gustav Unger, No. 1066 Second avenue	Carbolic acid solution	Found 4.84 per cent, carbolic acid.
29300	Katzman & Co., Second avenue, corner of Fifty-first street	Carbolic acid solution	Found 3.13 per cent, carbolic acid.
29307	G. C. P. Stolzenberg, No. 944 Second avenue	Carbolic acid solution	Found 3.15 per cent, carbolic acid.
29308	J. Jungmann, No. 1000 Third avenue	Carbolic acid solution	Found 3.02 per cent, carbolic acid.
29309	Schwartz Brothers, Sixtieth street and Third avenue	Carbolic acid solution	Found 3.34 per cent, carbolic acid.
29310	C. O. Bigelow, No. 106 Sixth avenue	Carbolic acid solution	Found 4.28 per cent, carbolic acid.
29311	Kellogg & Co., No. 1025 Sixth avenue	Carbolic acid solution	Found 3.23 per cent, carbolic acid.
29312	Siegel-Cosper Company, Sixth avenue and Eighty-ninth street	Carbolic acid solution	Found 4.68 per cent, carbolic acid.
29313	Bloomfield Brothers, Fifty-ninth street and Third avenue	Carbolic acid solution	Found 4.18 per cent, carbolic acid.
29314	S. Naubain, No. 639 Lexington avenue	Carbolic acid solution	Found 3.79 per cent, carbolic acid.
29315	H. T. Galpin, No. 1014 Sixth avenue	Carbolic acid solution	Found 4.36 per cent, carbolic acid.
29320	Rose O. McElroy, No. 472 Eighth avenue	Carbolic acid solution	Found 3.16 per cent, carbolic acid.
29321	Walter S. Rockey, Eighth avenue and Thirty-fifth street	Carbolic acid solution	Found 3.08 per cent, carbolic acid.
29322	E. I. Kirschhoff, No. 2185 Eighth avenue	Carbolic acid solution	Found 3.38 per cent, carbolic acid.
29323	D. Schierer, No. 366 Ninth avenue	Carbolic acid solution	Found 3.04 per cent, carbolic acid.
29324	Pond & Bower, No. 312 Ninth avenue	Carbolic acid solution	Found 2.30 per cent, carbolic acid.
29325	John Kremer, No. 428 Seventh avenue	Carbolic acid solution	Found 2.27 per cent, carbolic acid.
29326	Schaaf Brothers, No. 2147 Eighth avenue	Carbolic acid solution	Found 2.20 per cent, carbolic acid.
29327	Thomas Starr, No. 317 Ninth avenue	Carbolic acid solution	Found 2.07 per cent, carbolic acid.
29328	H. H. Blossner, No. 430 Ninth avenue	Carbolic acid solution	Found 4.64 per cent, carbolic acid.
29329	Zagat Drug Company, No. 2117 Eighth avenue	Carbolic acid solution	Found 4.74 per cent, carbolic acid.
29413	Dr. Wilson	Ethyl alcohol	Alcohol, by weight, 88.42 per cent.; by volume, 91.10 per cent.
29515	Officer Benly, Health Squad	White powder	Sample contains 99.37 per cent, cocaine hydrochloride.
29548	Chas. Hirsch, No. 1 Mast street	White powder	Sample contains 99.96 per cent, cocaine hydrochloride.
29560	John Doe, in front of No. 12 Bowers	White powder	Sample contains 99.75 per cent, cocaine hydrochloride.
29747	Paul Capello, No. 345 Eighth avenue	White crystalline substance	Sample contains 99.90 per cent, cocaine hydrochloride.
29776	Dr. Wilson	Esium salt	Conforms with the requirements of the U. S. P., 1906.
29876	Store room, Chemist Laboratory	White substance	Sample is oxalic acid.
29964	Officer Donne, Health Squad	White substance	Sample is cocaine hydrochloride.
29994	Mr. Scheffer, Secretary, Department of Health	White powder	Sample contains magnesium, bismuth and nitric acid, and probably combined is magnesium oxide and bismuth subnitrate.
29126	J. Jungmann, No. 1020 Third avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0533 grain per tablet.
29127	Wm. B. Riker & Son, Sixth avenue and Twenty-third street	Compressed pill throat mentholated	Cocaine hydrochloride, 0.502 grain per pill.
29128	Caswell & Massey, No. 1222 Broadway	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0019 grain per pill.
29304	Sydney Faber, No. 1102 Second avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 1/205 grain per tablet.
28682	J. Yoshit, First avenue, corner Sixteenth street	Catarrhal powder, Dr. Agnew's	Cocaine, none.
28663	David Davidson, No. 1365 Second avenue	Catarrhal powder, Dr. Agnew's	Cocaine hydrochloride, 1.94 per cent.
28390	Chas. M. Halpin, No. 127 Manhattan street	Catarrhal powder, Dr. Agnew's	Cocaine, 1.29 per cent., equivalent to cocaine hydrochloride, 1.64 per cent.

Analysis No.	From Whom Received	Samples and Brand.	Results.
22216	Henry Klatsko, No. 1065 Third avenue.....	Catarrhal powder, Dr. Agnew's.....	Cocaine, 2.21 per cent., equivalent to cocaine hydrochloride, 3.46 per cent.
22240	Fred, E. Smith, No. 546 Madison avenue.....	Catarrhal powder, Dr. Agnew's.....	Cocaine, 1.77 per cent., equivalent to cocaine hydrochloride, 1.98 per cent.
23171	New York "World".....	Catarrhal powder, Dr. Birney's.....	Sodium benzoate, 0.20 per cent.; cocaine hydrochloride, 1.58 per cent.; menthol present.
23280	F. Kimmann, southeast corner of One Hundred and Twenty-fifth street and Eighth avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.5 per cent. cocaine hydrochloride.
23681	Hans Pharmacy, No. 268 Fourth avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.61 per cent. cocaine hydrochloride.
23829	Harry L. Daman, No. 1258 Amsterdam avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.62 per cent. cocaine hydrochloride.
23235	Geo. Oberdorfer, No. 2293 Eighth avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.69 per cent. cocaine hydrochloride.
23226	Leopold Alpmann, No. 1784 Madison avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.47 per cent. cocaine hydrochloride.
23237	Wm. F. Ernst, No. 2037 Madison avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.62 per cent. cocaine hydrochloride.
23238	Geo. Oberdorfer, No. 47 East One Hundred and Twenty-fifth street.....	Catarrhal powder, Dr. Birney's.....	Found 1.66 per cent. cocaine hydrochloride.
23302	Francis X. Hart, No. 1977 Second avenue.....	Catarrhal powder, Dr. Birney's.....	Found 1.52 per cent. cocaine hydrochloride.
23172	New York "World".....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 1.24 per cent.; sodium benzoate, 1.18 per cent.; menthol present.
23712	Geo. P. Phillips, No. 846 Eighth avenue.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, none.
23174	E. Friedlieb, No. 357 Eighth avenue.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 1.56 per cent.
23784	Louis Goldstein, No. 1707 Madison avenue.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 1.88 per cent.
23229	Aug. E. Muller, No. 1233 Madison avenue.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 1.77 per cent.
23244	Scharf Brothers, No. 2157 Eighth avenue.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 2.18 per cent.
23290	J. Priest, No. 206 West Twenty-third street.....	Catarrhal powder, Crown.....	Cocaine hydrochloride, 2.3 per cent.
23203	Julius Bogarty, Fifty-fourth street and Second avenue.....	Catarrhal powder, Crown.....	Cocaine absent.
23257	Pharmacy, southeast corner of Fourteenth street and Avenue A.....	Cocaine and hay fever cure, Cantlon's.....	Cocaine absent.
23245	F. Starr, No. 317 Ninth avenue.....	Catarrhal powder, Dr. Cole's.....	Found 3.35 per cent. cocaine hydrochloride present.
23246	Taxan & Williams, No. 261 Eighth avenue.....	Catarrhal powder, Dr. Cole's.....	Found 3.22 per cent. cocaine hydrochloride present.
23810	Geo. Gregorious, No. 259 First avenue.....	Catarrhal powder, Dr. Cole's.....	Found 3.48 per cent. cocaine hydrochloride present.
23184	Abr. Barack, No. 1433 Madison avenue.....	Catarrhal powder, Dr. Cole's.....	Cocaine, none.
23710	Walter S. Rocky, No. 503 Eighth avenue.....	Catarrhal powder, Gray's.....	Cocaine, none.
23711	Fred James, No. 702 Eighth avenue.....	Catarrhal powder, Gray's.....	Cocaine, none.
23171	J. Roens, No. 521 Sixth avenue.....	Catarrhal powder, Gray's.....	Cocaine, none.
23217	S. A. Hardy, No. 385 Second avenue.....	Catarrhal powder, Dr. Gray's.....	Found 1.64 per cent. cocaine hydrochloride.
23291	F. Kimmann, No. 280 West One Hundred and Twenty-fifth street.....	Catarrhal powder, Dr. Gray's.....	Found 7.08 grains cocaine hydrochloride per ounce.
23679	Geo. W. Jarchow, No. 449 Second avenue.....	Catarrhal powder, Dr. Gray's.....	Cocaine hydrochloride, 1.46 per cent.
23630	S. A. Hardy, No. 385 Second avenue.....	Catarrhal powder, Dr. Gray's.....	Cocaine hydrochloride, 1.49 per cent.
23182	Leshowich & Rohens, No. 1692 Madison avenue.....	Catarrhal powder, Dr. Gray's.....	Cocaine hydrochloride, 1.51 per cent.
23215	Harris Sarason, No. 1845 Third avenue.....	Catarrhal powder, Dr. Gray's.....	Cocaine hydrochloride, 1.70 per cent.
23478	Chas. H. Birkwell, No. 2064 Eighth avenue.....	Catarrhal powder, Dr. Gray's.....	Cocaine hydrochloride, 1.99 per cent.
23183	Jos. N. Goethoff, No. 1723 Madison avenue.....	Catarrhal powder, Dr. Marshall's.....	Cocaine, none.
23733	Herman Knechtel, No. 1186 Madison avenue.....	Catarrhal powder, Dr. Marshall's.....	Cocaine, none.
23234	Ludwig C. B. Ech, No. 2081 Madison avenue.....	Catarrhal powder, Dr. Marshall's.....	Cocaine, none.
23242	Clamen, No. 252 Ninth avenue.....	Catarrhal snuff.....	Free from cocaine, morphine and myristic alkaloids.
23243	C. Friedlieb, No. 357 Eighth avenue.....	Catarrhal powder.....	Free from cocaine, morphine and myristic alkaloids.
23247	Pood & Bowen, No. 226 Ninth avenue.....	Catarrhal powder.....	Free from cocaine, morphine and myristic alkaloids.
23248	Satner, No. 334 Eighth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23249	R. Coplan, No. 293 Eighth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23250	J. Brown, No. 207 Ninth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23251	Eighth Avenue Drug Company, No. 2184 Eighth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23252	Zagat Drug Company, No. 2131 Eighth avenue.....	Catarrhal powder.....	Free from cocaine, morphine and myristic alkaloids.
23292	Kohler & Co., No. 2220 Eighth avenue.....	Catarrhal powder.....	Free from cocaine, morphine and myristic alkaloids.
23293	I. W. Greenano, No. 62 Manhattan avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23294	F. James, No. 1702 Eighth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23295	H. Goljan, No. 1014 Sixth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23296	J. Marks, No. 308 Amsterdam avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23297	Storg, No. 992 Sixth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23298	L. Geiss, No. 206 Seventh avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23299	Baendike, No. 924 Sixth avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23300	Weinman, No. 173 Seventh avenue.....	Catarrhal powder.....	Free from cocaine and morphine.
23713	Reliable Drug Company, No. 770 Eighth avenue.....	Catarrhal powder.....	Cocaine hydrochloride, 2.24 per cent.
23172	M. Salmon, corner Canal and Hudson streets.....	Catarrhal powder.....	Cocaine, none.
23174	H. Smith, No. 824 Seventh avenue.....	Catarrhal powder.....	Cocaine, none.
23175	E. Segall, No. 286 Seventh avenue.....	Catarrhal powder.....	Cocaine, none.
23176	J. Grotta, No. 446 Sixth avenue.....	Catarrhal powder.....	Cocaine, none.
23177	A. Rattner, No. 324 Eighth avenue.....	Catarrhal powder.....	Cocaine, none.
23178	H. Cassebeer, No. 382 Ninth avenue.....	Catarrhal powder.....	Cocaine, none.
23158	Bloomington Brothers, Fifty-ninth street and Sixth avenue.....	Catarrhal powder.....	Cocaine, none.
23908	Jacob Weiss, No. 703 Sixth street.....	Hygiene Freezing Cream.....	Wood alcohol and poisonous metals, none.
23922	Sebastiano Carbone, No. 431 East Fourteenth street.....	Ross cream.....	Wood alcohol and poisonous metals, none.
23927	J. Bushemi, No. 174 East One Hundred and Twelfth street.....	Florida water.....	Made up with wood alcohol, alcohol, by weight, 41.86 per cent.; by volume, 24.15 per cent.; poisonous metals, none.
23909	Jacob Weiss, No. 703 Sixth street.....	Florida water.....	Made up with wood alcohol, by weight, 29.17 per cent.; by volume, 16.96 per cent.; poisonous metals, none.
23993	John Bushemi, No. 174 East One Hundred and Twelfth street.....	Freezerine.....	Methyl alcohol and poisonous metals, none.
23991	Nikolaus Spagus, No. 256 East One Hundred and Twenty-first street.....	Freezerine.....	Methyl alcohol and poisonous metals, none.
23931	Commissioner's office.....	Headache powders, Garfield.....	Acetanilid, 100 powder, 1.04 grams; zinc oxide, 1.46 grams; artificial color present.
23937	Commissioner's office.....	Headache powders, Garfield.....	Acetanilid, 100 powder, 1.07 grams; zinc oxide, 1.47 grams; artificial color present.
23921	Sebastiano Carbone, No. 431 East Fourteenth street.....	Hair tonic, Superior.....	Made up with grain alcohol; poisonous metals, none.
23923	Herman Gottlieb, No. 236 East Seventy-seventh street.....	Hair tonic, Glycerine.....	Made up with grain alcohol and wood alcohol, alcohol, by weight, 29.49 per cent.; by volume, 16.76 per cent.; poisonous metals, none.
23946	Max Apolteker, No. 417 West Forty-second street.....	Hair dressing.....	Made up with wood alcohol, alcohol, by weight, 61.06 per cent.; by volume, 38.72 per cent.; poisonous metals, none.
23981	Wm. B. Riker & Sons, Sixth avenue and Twenty-third street.....	Half Health, Hay's.....	Lead salt, probably acetate, present; sulphur present; metallic lead, from 7 fluid ounces, 0.2631 gram.
23998	John Bushemi, No. 174 East One Hundred and Twelfth street.....	Hair tonic (capillary).....	Methyl alcohol and poisonous metals, none.
23999	John Bushemi, No. 174 East One Hundred and Twelfth street.....	Axillaris (for hair, Bushemi).....	Methyl alcohol and poisonous metals, none.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30000	Oscar DuBois, No. 2075 Third avenue.	Hair wash.	Made up with wood alcohol; alcohol, by weight, 32.51 per cent.; by volume, 33.81 per cent.; poisonous metals, none.
30053	American Perfumery Company, No. 195 Grand street.	Hair tonic.	Made up with wood alcohol; alcohol, by weight, 45.81 per cent.; by volume, 54.53 per cent.; poisonous metals, none.
30056	American Perfumery Company, No. 195 Grand street.	Hair tonic.	Made up with wood alcohol; alcohol, by weight, 58.51 per cent.; by volume, 72.40 per cent.; poisonous metals, none.
30065	Wm. Fein, No. 214 East One Hundred and Twenty-first street.	Hair tonic.	Methyl alcohol and poisonous metals, none.
30071	E. J. Downer, Bedford avenue, near North Tenth street, Brooklyn.	Headache powder.	Contains acetanilid.
30167	Adolf Stein, No. 2244 Fifth avenue, Brooklyn.	Headache powder, Smart Bros.	Sample is phenacetin and sodium carbonate; cocaine and opium alkaloids, none.
30607	Chief Clerk's office.	Nitrate of silver.	Corresponds to the U. S. P. requirements, 1906.
30628	Nashua Company, No. 1042 Broadway.	Nasolene.	Menthol, thymol, loric acid and white petroleum present; cocaine and morphine, none.
30678	Hegeman & Co., No. 200 Broadway.	Hericide, Newb's.	Wood alcohol and poisonous metals absent; colored with coal-tar dye.
30082	Mich. Halpern, No. 1068 Second avenue.	Phenacetin powders.	Sample is phenacetin; average weight of powders, 5.38 grains.
30035	Herman Gottlieb, No. 216 East Seventy-seventh street.	Shampoo, Scaisam.	Made up with grain alcohol; poisonous metals, none.
30048	Max Apotheker, No. 417 West Forty-second street.	Dry shampoo.	Made up with grain alcohol; poisonous metals, none.
30057	Oscar DuBois, No. 2075 Third avenue.	Dry shampoo, La Reine.	Methyl alcohol and poisonous metals, none.
30075	American Perfumery Company, No. 195 Grand street.	Dry shampoo, Nadeo's.	Methyl alcohol and poisonous metals, none.
30090	Nicholas Spagna, No. 216 East One Hundred and Twenty-first street.	Liquid shampoo, Dry Own.	Methyl alcohol and poisonous metals, none.
30092	Nicholas Spagna, No. 216 East One Hundred and Twenty-first street.	Dry shampoo.	Methyl alcohol and poisonous metals, none.
30233	Store Room, Chemical Laboratory.	Substance, red.	Sample is mercuric oxide.
30452	Store Room, Chemical Laboratory.	Substance, black.	Sample is cupric oxide.
30434	Store Room, Chemical Laboratory.	Substance, green.	Sample is ferric chloride.
30002	Ranney Drug Company, No. 27 Pearl street.	Tablets (muriate of ammonia).	Average weight, 3.8 grs.; found 3.7 grs. ammonium chloride.
30032	Reid, Yeoman & Co., No. 149 Nassau street.	Tablets (menthol, special).	Sample contains 0.246 grains cocaine hydrochloride per ounce of tablet.
30115	J. Jungman, No. 1000 Third avenue.	Compressed tablet (throat mentholated).	Sample contains 0.002 grains cocaine hydrochloride per ounce of tablet.
30128	Hegeman & Co., No. 200 Broadway.	Compressed tablet (throat mentholated).	Cocaine, none.
30219	Mich. Radler, No. 343 Fourth avenue.	Radler's mentholated throat tablets.	Cocaine, none.
30220	Kalish Pharmacy, Twenty-third street and Fourth avenue.	Mentholated throat tablets.	Cocaine, none.
30398	Drug Laboratory.	Tannic acid.	Corresponds to the requirements of the U. S. P., 1906.
30218	Schwartz Brothers, No. 1000 Third avenue.	Thymol.	Cocaine, none.
30381	Drug Laboratory.	Tincture of arnica.	Methyl alcohol, none.
30006	Hegeman & Co., No. 200 Broadway.	Violet extract, Esquisite.	Methyl alcohol and poisonous metals, none; colored with coal-tar dye.
30012	Jack Weiss, No. 203 Sixth street.	De Lavande.	Made up with grain and wood alcohol; alcohol, by weight, 20.40 per cent.; by volume, 33.17 per cent.; poisonous metals, none.
30013	Jack Weiss, No. 203 Sixth street.	Lilac.	Made up of grain and wood alcohol; alcohol, by weight, 25.00 per cent.; by volume, 20.00 per cent.; poisonous metals, none.
30016	Sebastiano Carosone, No. 437 East Fourteenth street.	Lilac.	Made of grain and wood alcohol; alcohol, by weight, 46.82 per cent.; by volume, 54.37 per cent.; poisonous metals, none.
30018	Schastiano Cavatore, No. 437 East Fourteenth street.	Violet toilet water.	Made up of grain alcohol; poisonous metals, none.
30019	Schastiano Cavatore, No. 437 East Fourteenth street.	Floral toilet water.	Made up of grain and wood alcohol; alcohol, by weight, 45.83 per cent.; by volume, 55.33 per cent.; poisonous metals, none.
30169	Harro Sussan, No. 1042 Third avenue.	Scent of white rose, none.	Alcohol, 05 per cent.; by volume, 0.80 per cent.; morphine, no reaction; chloroform by smell, present.
30034	Herman Gottlieb, No. 216 East Seventy-seventh street.	Toilet water, Turkey Club.	Practically all wood alcohol; alcohol, by weight, 36.33 per cent.; by volume, 43.32 per cent.; poisonous metals, none.
30038	Herman Gottlieb, No. 216 East Seventy-seventh street.	Toilet water, Blue.	Made up with grain and wood alcohol; alcohol, by weight, 35.25 per cent.; by volume, 41.01 per cent.; poisonous metals, none.
30096	John Rothman, No. 104 East One Hundred and Twelfth street.	Toilet water, white.	Made up with wood alcohol; alcohol, by weight, 37.38 per cent.; by volume, 44.47 per cent.; poisonous metals, none.
30099	Oscar DuBois, No. 2075 Third avenue.	Toilet water, Blue.	Made up with wood alcohol; alcohol, by weight, 35.76 per cent.; by volume, 40.22 per cent.; poisonous metals, none.
30093	Oscar DuBois, No. 2075 Third avenue.	Toilet water, meeting night.	Made up with wood alcohol; alcohol, by weight, 32.37 per cent.; by volume, 38.83 per cent.; poisonous metals, none.
30094	Oscar DuBois, No. 2075 Third avenue.	Toilet water, superior lavender.	Made up with wood alcohol; alcohol, by weight, 38.28 per cent.; by volume, 43.36 per cent.; poisonous metals, none.
30021	American Perfumery Company, No. 195 Grand street.	Toilet water, Eau De Lavande.	Made up with wood alcohol; alcohol, by weight, 32.75 per cent.; by volume, 37.00 per cent.; poisonous metals, none.
30079	American Perfumery Company, No. 195 Grand street.	Toilet water, Eau De Lilac.	Made up with wood alcohol; alcohol, by weight, 36.76 per cent.; by volume, 47.07 per cent.; poisonous metals, none.
30086	Nicholas Spagna, No. 216 East One Hundred and Twenty-first street.	Toilet water, lavender.	Made up with wood alcohol; alcohol, by weight, 40.62 per cent.; by volume, 47.39 per cent.; poisonous metals, none.
30180	Nicholas Spagna, No. 216 East One Hundred and Twenty-first street.	Toilet water, a la rubinette.	Made up with 1 part grain to 10 wood alcohol; alcohol, by weight, 21.08 per cent.; by volume, 23.37 per cent.; poisonous metals, none.
30001	William Fein, No. 214 East One Hundred and Twenty-first street.	Toilet water, violet.	Misty alcohol and poisonous metals, none.
30007	William Fein, No. 214 East One Hundred and Twenty-first street.	Toilet water, Blue.	Methyl alcohol and poisonous metals, none.
30008	William Fein, No. 214 East One Hundred and Twenty-first street.	Tobacco, Eau De Quinine.	Methyl alcohol and poisonous metals, none.
30001	Oscar DuBois, No. 2075 Third avenue.	Witch hazel.	Methyl alcohol and poisonous metals, none.
30024	American Perfumery Company, No. 195 Grand street.	Witch hazel.	Methyl alcohol and poisonous metals, none.
30061	Thomas Branigan, No. 161 Amsterdam avenue.	Witch hazel.	Methyl alcohol and poisonous metals, none.
30091	William Fein, No. 214 East One Hundred and Twenty-first street.	Witch hazel.	Methyl alcohol and poisonous metals, none.
30079	Hegeman & Co., No. 200 Broadway.	Witch hazel, Westphal's.	Methyl alcohol and poisonous metals and artificial coloring matter (coal-tar dyes), none.

Evaporated Cream, Unsweetened Condensed Milk, etc.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30002	Great Atlantic and Pacific Tea Company, No. 2135 Eighth avenue.	Evaporated milk, A. & P.	Fats, 9.50 per cent.; total solids, 30.80 per cent.; preservatives, none.
30128	Siegel-Cooper Company, Sixth avenue and Eighth street.	Evaporated cream, Borden's.	Fats, 9.50 per cent.; total solids, 38.00 per cent.; preservatives, none.
30600	A. F. Beckman, No. 203 Eighth avenue.	Evaporated milk, Borden's.	Fats, 9.34 per cent.; total solids, 29.00 per cent.; preservatives, none.
30634	Siegel-Cooper Company, Sixth avenue and Eighth street.	Evaporated milk, Borden's.	Fats, 8.40 per cent.; total solids, 29.44 per cent.; preservatives, none.
30660	Samson-Crawford Company, Sixth avenue and Twentieth street.	Cream, Borden's.	Fats, 9.37 per cent.; total solids, 30.60 per cent.; preservatives, none.
30430	Great American Tea Company, southwest corner of Newy and Church streets.	Evaporated milk, Codrington.	Fats, 8.70 per cent.; total solids, 28.50 per cent.; preservatives, none.
30117	Siegel-Cooper Company, Eighth street and Sixth avenue.	Evaporated milk, Columbia.	Fats, 8.22 per cent.; total solids, 27.25 per cent.; preservatives, none.
30621	H. O'Neill & Co., Sixth avenue and Twentieth street.	Evaporated cream, Gold.	Fats, 8.00 per cent.; total solids, 26.00 per cent.; preservatives, none.
30622	Adams & Co., Sixth avenue and Twentieth street.	Evaporated cream, Gold.	Fats, 7.60 per cent.; total solids, 25.64 per cent.; preservatives, none.
30601	Siegel-Cooper Company, Eleventh street and Sixth avenue.	Evaporated cream, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
30670	Heermance Cold Storage Company, No. 207 Green-wick street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
30602	Heermance Cold Storage Company, No. 207 Green-wick street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
30670	Heermance Cold Storage Company, No. 207 Green-wick street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
30671	Heermance Cold Storage Company, No. 207 Green-wick street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
30672	Heermance Cold Storage Company, No. 207 Green-wick street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29974	Hearman Cold Storage Company, No. 208 Greenwich street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
29975	Hearman Cold Storage Company, No. 208 Greenwich street.	Evaporated milk, Gold Cross.	Sample is acid; analysis not made; sample in bad condition.
29139	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29140	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29185	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29186	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29187	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29188	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29189	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Sample is acid and curdled.
29268	Mohawk Condensed Milk Company, No. 89 Hudson street.	Evaporated milk, Gold Cross.	Fats, 8.32 per cent; total solids, 26.70 per cent; preservatives, none.
29269	Mohawk Condensed Milk Company, No. 89 Hudson street.	Evaporated milk, Gold Cross.	Fats, 8.27 per cent; total solids, 25.90 per cent; preservatives, none.
29482	Mohawk Condensed Milk Company, No. 89 Hudson street.	Evaporated milk, Gold Cross.	Sample curdled; unfit for analysis.
29483	Mohawk Condensed Milk Company, No. 89 Hudson street.	Evaporated milk, Gold Cross.	Sample curdled; unfit for analysis.
29484	Mohawk Condensed Milk Company, No. 89 Hudson street.	Evaporated milk, Gold Cross.	Sample curdled; unfit for analysis.
29664	Adams & Co., Sixth avenue and Twentieth street.	Evaporated milk, Gold Cross.	Sample curdled; unfit for analysis.
29652	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated cream, Gold Cross.	Fats, 8.00 per cent; total solids, 26.90 per cent; preservatives, none.
29653	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated cream, Gold Cross.	Sample curdled; unfit for analysis.
29818	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated cream, Gold Cross.	Sample curdled; unfit for analysis.
29883	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Fats, 8.20 per cent; total solids, 26.50 per cent; preservatives, none.
29884	Adams & Co., Sixth avenue and Twentieth street.	Evaporated milk, Gold Cross.	Fats, 7.80 per cent; total solids, 26.48 per cent; preservatives, none.
29398	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Gold Cross.	Fats, 8.03 per cent; total solids, 24.94 per cent; preservatives, none.
29116	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated milk, Highland.	Fats, 8.61 per cent; total solids, 28.01 per cent; preservatives, none.
29703	Adams & Co., Sixth avenue and Twentieth street.	Evaporated cream, Highland.	Fats, 10.00 per cent; total solids, 29.38 per cent; preservatives, none.
29114	Macy & Co., Thirty-fifth street and Broadway.	Evaporated milk, Lily White.	Fats, 8.82 per cent; total solids, 30.21 per cent; preservatives, none.
29663	Macy & Co., Broadway and Thirty-fifth street.	Sterilized cream, Lily White.	Fats, 8.12 per cent; total solids, 26.30 per cent; preservatives, none.
28159	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated cream, Pet.	Fats, 9.30 per cent; total solids, 27.70 per cent; preservatives, none.
29118	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated milk, Our Pet.	Fats, 8.55 per cent; total solids, 26.55 per cent; preservatives, none.
29661	Adams & Co., Sixth avenue and Twentieth street.	Evaporated cream, Our Pet.	Fats, 8.70 per cent; total solids, 27.60 per cent; preservatives, none.
28864	M. J. McDermott, No. 1119 Second avenue.	Evaporated milk, Silver Cow.	Fats, 8.00 per cent; total solids, 26.76 per cent; preservatives, none.
29686	James Butler, One Hundred and Twenty-first street and Third avenue.	Evaporated milk, Silver Cow.	Fats, 8.81 per cent; total solids, 29.84 per cent; preservatives, none.
29139	James Butler, No. 1251 Third avenue.	Evaporated milk, Silver Cow.	Fats, 8.60 per cent; total solids, 28.40 per cent; preservatives, none.
29119	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated milk, St. Charles.	Fats, 8.92 per cent; total solids, 29.99 per cent; preservatives, none.
29397	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Evaporated milk, St. Charles.	Fats, 8.80 per cent; total solids, 28.94 per cent; preservatives, none.
29113	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Van Camp's.	Fats, 7.78 per cent; total solids, 27.15 per cent; preservatives, none.
29655	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Evaporated milk, Van Camp's.	Fats, 8.40 per cent; total solids, 29.41 per cent; preservatives, none.
28472	Siegel-Cooper Company, Sixth avenue and Eighteenth street.	Unsweetened condensed milk.	Sample is acid and heavily curdled.
29088	A. Antosch, No. 520 Third avenue.	Unsweetened condensed milk.	Fats, 6.40 per cent; total solids, 19.78 per cent; preservatives, none.
29072	A. Antosch, No. 520 Third avenue.	Unsweetened condensed milk.	Sample is acid and curdled.
29756	Commissioner's office.	Unsweetened condensed milk.	Fats, 1.64 per cent; total solids, 12.48 per cent; preservatives, none.

Fats, Oils, etc.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29116	Chief Clerk's office.	Aluminum bronze.	Sample is aluminum; free from other metals.
29093	Chief Clerk's office.	Aluminum bronze, Standard.	Sample is aluminum; free from other metals.
29093	Chief Clerk's office.	Bronze liquid.	Sample is equal to standard submitted.
29097	Chief Clerk's office.	Bronze liquid, Standard.	Sample is made up with amyl acetate; resin present.
29026	Chief Clerk's office.	Gold bronze, Standard.	Sample is copper; traces of iron and aluminum present.
29117	Chief Clerk's office.	Gold bronze.	Sample is copper; traces of iron and aluminum present.
28027	H. C. Welton, No. 103 West Fourteenth street.	Butter.	Sample is butter; Reichert Meisel number, 48.17.
28177	Charles Bazel, No. 1700 Third avenue.	Butter.	Sample is butter.
29144	Mr. Irwin, New Dorp, S. I.	Butter.	Sample is genuine butter; Reichert Meisel number, 20.2.
29456	Mr. Kilbourne.	Butter.	Sample is butter; free from artificial salts.
28312	H. P. Eisenberger, No. 1882 Third avenue.	Cod-liver oil, Phillip's Emulsion.	Sample contains cod-liver oil 28.75 per cent; phosphate present.
29009	Chief Clerk's office.	Baryta Damaar, White No. 1.	Sample is equal to standard submitted.
29014	Chief Clerk's office.	Liquid dryer (Pittsburg Plate Glass Co.).	Sample is equal to standard submitted.
29486	Chief Clerk's office.	Electric liquid dryer, Standard.	Sample contains resin.
29072	Chief Clerk's office.	Esamolin, Standard.	Resin present; metallic substance absent.
27261	Mr. Baynor, Chief Sanitary Inspector.	Fat in power.	Iodine number, 33.2; Mautner number, 10 degrees C., 20. If 20 degrees to 28.5 degrees; melting point, 31.5 degrees.
28276	Mr. Beiss, No. 105 Amsterdam avenue.	Lard.	Sample contains cottonseed oil.
28912	Jugoslav Naughton, Health Department.	Linseed oil.	Specific gravity, 0.929; iodine number, 181; sample is linseed oil.
29017	Chief Clerk's office.	Raw linseed oil (Pittsburg Plate Glass Co.).	Iodine number correct for linseed oil; sample is linseed oil.
29068	Chief Clerk's office.	Buffed linseed oil.	Iodine number after 24 hours, 228; iodine number after 6 hours, 229; sample does not correspond to pure linseed oil.
29060	Chief Clerk's office.	Raw linseed oil.	Iodine number after 24 hours, 204; after 6 hours, 197; sample does not correspond to pure linseed oil.
29300	Dr. Whinn.	Mineral oil.	Sample is probably oil used for polishing or cleaning woodwork; not fit for lubricating purposes, as the flash point is too low (below 44 degrees C.).
29376	Israel Licht, stand, Pitt. near Delancey street.	Mustard oil.	Sample is cottonseed oil colored with an artificial coloring matter.
29120	Store Room, Chemical Laboratory.	Olive oil.	Refractive index at 15 degrees C., 1.4705; iodine number, 84; Mautner number, 35; saponification number, 191; Halphen reaction negative.
28617	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Olive oil, Hulle D'Olive.	Halphen reaction negative; iodine number, 81.93; sample is pure olive oil.
28631	Willard Parker Hospital.	Olive oil, Laca.	Halphen reaction negative; iodine number, 81.96; sample is pure olive oil.
28665	Chief Clerk's office.	Olive oil.	Halphen reaction negative; iodine number, 82; sample is pure olive oil.
29000	Chief Clerk's office.	Olive oil.	Halphen reaction negative; iodine number, 81; sample is pure olive oil.
29160	Chief Clerk's office.	Olive oil.	Halphen reaction negative; iodine number, 83; sample is pure olive oil.
29713	Chief Clerk's office.	Olive oil.	Halphen reaction negative; iodine number, 82; sample is pure olive oil.
29128	Charles Israel & Brothers, No. 486 Canal street.	Olive oil, Imported Italian.	Sample is olive oil.
28073	Charles Israel & Brothers, No. 486 Canal street.	Said oil, K. London Superior.	Halphen reaction positive; iodine number, 110.5; sample is cottonseed oil.
28100	Charles Israel & Brothers, No. 486 Canal street.	Said oil, Gamma Light.	Halphen reaction positive; iodine number, 111.8; sample is cottonseed oil.
29339	Charles Israel & Brothers, No. 486 Canal street.	Said oil, Globe.	Sample is cottonseed oil.
29321	J. Wislinsky, No. 47 Norfolk street.	Oil pressed from cottonseed.	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30332	Littauer Oil Company, No. 38 Norfolk street.	Oil pressed from cottonseed.	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.
30353	Littauer Oil Company, No. 38 Norfolk street.	Oil pressed from cottonseed.	Sample is cottonseed oil free from artificial color.
30454	Littauer Oil Company, No. 38 Norfolk street.	Salad oil.	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.
29911	Willard Parker Hospital.	Paint.	Consists of lead, carbonate, linseed oil and a pigment.
29786	Willard Parker Hospital.	Lead paint.	Sample is a lead paint and made up of linseed oil.
29749	Dr. Wilson.	Paint and varnish remover, Adelite.	Sample is a wood naphtha.
29992	Chief Clerk's office.	Sheffar and dematured alcohol.	Sample is equal to standard submitted.
28540A	Chief Clerk's office.	Soap, Babbitt's.	Moisture, 26.47 per cent.; free alkali calculated to sodium hydrate, 11.40 per cent.
28540B	Chief Clerk's office.	Soap, Babbitt's.	Moisture, 26.47 per cent.; free alkali none; total alkali, as Na ₂ O, 8.34 per cent.; fatty anhydrid, 53.92 per cent.
28541A	Chief Clerk's office.	Soap, Armour's.	Moisture, 26.26 per cent.; free alkali none; total alkali, as Na ₂ O, 9.02 per cent.; fatty anhydrid, 63.10 per cent.
28541B	Chief Clerk's office.	Soap, Armour's.	Moisture, 26.26 per cent.; free alkali, calculated to sodium hydrate, 12.80 per cent.
28728	Chief Clerk's office.	Glycerine soap, Colgate's.	Moisture, 7 per cent.; free alkali none; total alkali (Na ₂ O), 15.40 per cent.; fatty anhydrid, 76.69 per cent.
28728	Chief Clerk's office.	Glycerine soap, Armour's.	Moisture, 7.98 per cent.; free alkali none; total alkali (Na ₂ O), 11.47 per cent.; fatty anhydrid, 78.88 per cent.
30312	Department of Inspection.	Soap, Fels Naphtha.	Did not cause blue color in child's mouth.
28027	Chief Clerk's office.	Soap chips.	Moisture, 27.16 per cent.; free alkali none; free alkali as sodium carbonate, 2.28 per cent.; free fatty acid, as stearic acid, 0.37 per cent.
28176	Dr. Wilson.	Soap chips.	Moisture, 35.84 per cent.; free alkali (hydroxides), 1.00 per cent.; free alkali, as sodium carbonate, 6.25 per cent.; free fatty acid, as stearic acid, none.
28714	Chief Clerk's office.	Soap chips.	Moisture, 29.08 per cent.; free alkali, 0.50 per cent.
30377	Israel Licht, sand, Fifth near Delancey street.	Sweet oil.	Sample is cottonseed oil, colored with an artificial coloring matter.
29899	A. Lallemand Refrigerating Company, No. 618 West Thirty-ninth street.	Refined edible tallow.	Sample not rancid. Consists of a grease mixed with calcium soap; the greasy portion is a mixture of fats, one of which has a melting point between 25 degrees and 30 degrees C. and a volatile fatty acid number corresponding to butter. The other portion of fat is solid above 30 degrees and corresponds to tallow; preservatives none.
29980	Chief Clerk's office.	Turpentine.	More than 90 per cent. distills between 125 degrees and 160 degrees C.; the optical rotation is plus 16 in a 100 m.m. tube; corresponds to American turpentine.
30016	Chief Clerk's office.	Turpentine.	About 20 per cent. distills between 50 degrees and 100 degrees C.; the remainder between 100 degrees and 150 degrees C.; the optical rotation is plus 44 in 100 m.m. tube; does not correspond to turpentine.
30335	Chief Clerk's office.	Turpentine.	About two-thirds distills between 70 degrees C. and 150 degrees C.; about one-third distills between 125 degrees C. and 160 degrees C.; it rotates in 200 m.m. tube plus 67; does not correspond to pure American turpentine; it seems to be a mixture.
29785	Willard Parker Hospital.	Varnish.	Pigment consists of oxide of iron and oxide of aluminum; linseed oil present.
29991	Chief Clerk's office.	Inside spar varnish.	Sample is equal to standard submitted.
30008	Chief Clerk's office.	Floor varnish.	Sample is equal to standard submitted.
30465	Chief Clerk's office.	White Dammar varnish.	Sample contains resin.
30467	Chief Clerk's office.	Hard oil finish.	Sample contains resin.
30468	Chief Clerk's office.	Outside spar varnish.	Sample contains resin.
30466	Chief Clerk's office.	Inside spar varnish.	Sample contains resin.
30470	Chief Clerk's office.	Floor varnish.	Sample contains resin.
30471	Chief Clerk's office.	Black varnish.	Sample contains resin.

Fish, Canned and Dried.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28734	Heermance, S. & R., Company, No. 313 Greenwich street.	Caviar.	Benzoic, salicylic, boric and sulphurous acids absent.
28733	Ferdinand Hansen, No. 136 Greenwich street.	Caviar.	Benzoic, salicylic, boric and sulphurous acids absent.
28630	G. Chrysilkos, No. 54 Barclay street.	Loyster, canned.	Heavy metals and coloring matter absent.
28787	Great Atlantic and Pacific Tea Company, No. 198 First avenue.	Salmon, canned, Royal Chinook.	Salicylic, benzoic and boric acids absent; trace of iron present; no artificial coloring matter present.
28558	Sarah Simmonetz, No. 202 Rivington street.	Salmon, Broder.	Sample contains no coloring matter or heavy metals.
28559	Sarah Simmonetz, No. 202 Rivington street.	Salmon, Royal Chinook.	Sample contains no coloring matter or heavy metals.
28501	John Ross, No. 203 Hudson street.	Salmon, Fresh Coboe (Sweden).	Cottonseed oil, heavy metals and artificial coloring matter (coal-tar colors) absent.
29950	Simpson-Crawford Company, Sixth avenue and Nineteenth street.	Salmon, canned.	Free from borates, boric acid, sulphites or sulphurous acid; free from artificial coloring matter.
28191A	National Smoked Fish and Provision Company, No. 20 Van Dyke street, Brooklyn.	Smoked fish (salmon).	Borax, boric acid or fluorides none.
28191B	National Smoked Fish and Provision Company, No. 20 Van Dyke street, Brooklyn.	Smoked fish (white fish).	Borax, boric acid or fluorides none.
28191C	National Smoked Fish and Provision Company, No. 20 Van Dyke street, Brooklyn.	Smoked fish (herrings).	Borax, boric acid or fluorides none.
28184	Great Atlantic and Pacific Tea Company, No. 198 First avenue.	Bartlett pears, canned, A. & P.	Benzoic, salicylic, boric and sulphurous acids none; artificial coloring matter and saccharin none; trace of iron present.
28185	Great Atlantic and Pacific Tea Company, No. 198 First avenue.	Plums, canned, A. & P.	Salicylic, benzoic, boric acids, sulphites, saccharin and artificial coloring matter absent; traces of iron present.
28132	Fourteenth Street Store, Fourteenth street and Sixth avenue.	Olives.	Borax, boric acid, salicylic acid, sulphites and artificial coloring matter absent; sample is preserved in brine.
28317	Salvator Ferraro, No. 1082 Second avenue.	Extract banana.	Methyl alcohol and artificial coloring matter (coal-tar dyes) none; artificially flavored.
28121	Great Atlantic and Pacific Tea Company, No. 774 Third avenue.	Extract celery, A. & P.	Methyl alcohol none; artificial coloring matter (coal-tar dyes) present.
28180	Peckert of Geo. Davidovich, No. 79 Chrystie street.	Cherry.	Artificial color (coal tar), arsenic, alcohol acids, sugar; cherry juice, artificial fruit esters, benzoic and salicylic acids absent.
28290	W. Burton, No. 75 Barclay street.	Extract cinnamon, Burton's.	Cinnamon oil present; methyl alcohol none.
28292	W. Burton, No. 75 Barclay street.	Extract cloves, Burton's.	Clove oil present; methyl alcohol none.
28183	Great Atlantic and Pacific Tea Company, No. 197 First avenue.	Extract Jamaica ginger, A. & P.	Methyl alcohol, artificial coloring matter (coal-tar colors) and capsicum none.
28107	Peckovich Brothers, No. 879 Ninth avenue.	Extract lemon, St. John.	Lemon oil, artificial color (coal tar) and wood alcohol none.
28123	Great Atlantic and Pacific Tea Company, No. 774 Third avenue.	Extract lemon, A. & P.	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol and artificial color none.
28135	James Butler, No. 214 Second avenue.	Extract lemon, Peerless.	Oil of lemon by polariscope none; methyl alcohol none; artificial color present.
28217	Thomas J. Healy, No. 1498 Second avenue.	Compound lemon.	Lemon oil and methyl alcohol none; artificial color (coal tar) trace.
28223	J. Grosspietsch, No. 2494 Eighth avenue.	Extract lemon compound, Princess.	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol none; artificial color present.
28226	F. C. Smith, No. 2491 Eighth avenue.	Extract lemon, Royal.	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28228	J. W. McLean, No. 2481 Eighth avenue.	Extract lemon, Royal.	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28230	D. Reeves & Co., No. 2632 Eighth avenue.	Extract lemon compound, Special.	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28232	John Ruhl, No. 2622 Eighth avenue.	Extract lemon, Empire State.	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28236	Kirkman, Groce, No. 2532 Eighth avenue.	Extract lemon compound, St. John.	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28270	Ragus Tea and Coffee Company, No. 2443 Eighth avenue.	Extract lemon, Ragus.	Lemon oil by polariscope, 1.29 per cent.; methyl alcohol and artificial color none.
28241	A. F. Beckman & Co., No. 2423 Eighth avenue.	Extract lemon, Mayflower.	Lemon oil by polariscope, 2.04 per cent.; methyl alcohol and artificial color none.
28284	Andrew Davey, No. 330 Greenwich street.	Extract lemon.	Lemon oil and methyl alcohol none; artificial color present.
28318	Andrew Davey, No. 306 Second avenue.	Extract lemon, Continental.	Lemon oil and methyl alcohol none; artificial color present.
28219	Hastine & Co., No. 19 Warren street.	Extract lemon, Hastine.	Lemon oil by polariscope, 6.07 per cent.; methyl alcohol and artificial color none.
28466	Mary & Co., Thirty-fourth street and Broadway.	Lemon fruit syrup.	Glucose and chlorides present; tartaric acid absent; colored with artificial coal tar dye.
28597	H. Bazem, No. 311 Broome street.	Lemon flavor.	Lemon oil by polariscope, 0.15 per cent.; alcohol by volume, 28.72 per cent.; colored with coal tar dye.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28603	Walter Rocky, Eighth avenue and Thirty-fifth street	Essence of lemon	Lemon oil by polariscope, 6.66 per cent.; alcohol by weight, 75.24 per cent.; by volume, 30.39 per cent.; methyl alcohol none.
28624	Wm. Burton & Co., No. 75 Barclay street	Extract lemon, Burton's	Lemon oil trace; methyl alcohol and artificial color none.
29105	A. Berman, No. 1829 Madison avenue	Essence of lemon	Lemon oil by polariscope, 7.35 per cent.; alcohol by weight, 63.69 per cent.; by volume, 70.47 per cent.; sugar, artificial color, methyl alcohol and acid none.
29109	Kirkman, Grois, No. 2552 Eighth avenue	Lemon flavor compound, St. John	Lemon oil by polariscope none; alcohol by weight, 27.07 per cent.; by volume, 32.82 per cent.; methyl alcohol, acid and sugar none.
29508	Cronin & Arachtinger, No. 105 Hudson street	Evaporated lemon	Mineral acids, sulphurous, phosphoric, benzoic, salicylic, loric acids none; formaldehyde absent; citric acid present.
29110	Daniel Reeres & Brother, No. 2652 Eighth avenue	Lemon flavor, White Pansy	Lemon oil by polariscope, 4.74 per cent.; alcohol by weight, 84.42 per cent.; by volume, 87.92 per cent.; methyl alcohol, acid and sugar none.
29558	Samuel Altman, West Fifth street, near Surf avenue, C. I.	Lemon syrup	Lemon oil, 0.8 per cent.; citric acid absent; colored with artificial color.
30318	Conron & Co., No. 265 West Broadway	Lemon flavor	Lemon oil by polariscope, 0.11 per cent.; alcohol by weight, 81.18 per cent.; by volume, 84.27 per cent.; sugar and methyl alcohol none.
29071	Wertheimer, No. 200 West Sixty-ninth street	Lemon juice, Wertheimer's	Sample contains 0.02 per cent. benzoic acid; citric acid and lemon juice present.
28468	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lime juice, Blue Bell	Glucose, tartaric and mineral acids and heavy metals absent.
29498	Reid, Yeomans & Cubit, No. 120 Nassau street	Lime juice	Sample contains 0.026 grams SO ₂ in every 100 cc.; artificial coloring matter (coal-tar dyes) absent.
29529	A. Parish & Co., Strattons Walk and Bowery	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29530	Earl Crates, Surf avenue, near Eighth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29551	A. Strangolis & Co., Surf avenue, between Eleventh and Twelfth streets, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29552	B. Vignoli, Hollander Music Hall, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29553	John Crotales, Surf avenue and Thirteenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29554	Anderson Reid, Surf avenue and Seventeenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29555	Inter-City Advertising Company, Twelfth street and Surf avenue, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29556	A. Kirschenbaum, Surf avenue and Ocean Walk, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29557	J. Wax, One Hundred and Ninety-seventh street and Fort George avenue, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29447	Chas. J. Vogel & Co., No. 124 Atlantic avenue, Brooklyn	Lemon flavor	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids and formaldehyde none; artificial coloring matter present.
29471	H. H. Lennox, No. 132 Columbus avenue	Lemon flavor, artificial	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids and formaldehyde none; artificial coloring matter present.
29472	Aug. Reibstein, No. 48 Stayveant street	Lemon flavor	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids, formaldehyde and artificial coloring matter absent.
29493	J. Greenberg, No. 51 Oliver street	Lemon fruit syrup	Lemon oil, glucose, citric and tartaric acids none; colored with coal-tar dye.
28467	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lemon, Blue Bell	Glucose, artificial coloring matter, tartaric and mineral acids and heavy metals none.
29512	I. Braun, One Hundred and Ninety-fourth street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, boric, benzoic, salicylic, citric and tartaric acids, mineral acids, formaldehyde and lemon oil absent; colored with coal-tar dye.
29549	Louis Heinberg, One Hundred and Ninety-first street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, boric, benzoic, salicylic, citric and tartaric acids, mineral acids, formaldehyde and lemon oil absent; colored with coal-tar dye.
29524	S. Carlisle, No. 196 Old George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29548	J. Yurdin, opposite Fort George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29550	I. P. Anagnaste, One Hundred and Ninety-sixth street and Fort George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29551	Thos. Brunelli, One Hundred and Ninety-second street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29554	A. Chambers, Surf avenue, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29555	Geo. D. Smith, Surf avenue and Fifth street, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29556	L. Cohen, Dreamland, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29557	M. Goldstein, Surf avenue and Iron Pier Wharf, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29731	Elias Laborwitz, No. 301 East Ninety-ninth street	Lemon syrup	Artificial color, coal tar present; phosphoric and mineral acids none; cane sugar, 24.5 per cent.
30281	Abr. Friedlander, No. 6 Suffolk street	Lemon fruit syrup	Reaction, very slightly acid; artificial color trace; glucose present; phosphoric, hydrochloric and sulphurous acids none.
28039	James Butler, No. 394 Washington street	Molasses compound, Peerless	Direct reading in 200 mm. tube, +27.2; invert reading, +17.0 at 25 degrees C.; ash, 4.14 per cent.; glucose none.
28074	Seeman Brothers, North Moore and Hudson streets	Molasses compound, Bertha	Direct reading in 200 mm. tube, +17.2; invert reading, -12.2 at 25 degrees C.; ash, 4.89 per cent.; glucose none.
28075	Seeman Brothers, North Moore and Hudson streets	Molasses compound, Belmont	Direct reading in 200 mm. tube, +31.6; invert reading, -18.8 at 25 degrees C.; ash, 5.81 per cent.; glucose none.
28076	Seeman Brothers, North Moore and Hudson streets	Molasses, canned, Magnolia	Direct reading in 200 mm. tube, +24.2; invert reading, -24.0 at 25 degrees C.; ash, 6.81 per cent.; glucose none.
28676	Riverside Hospital	Molasses, New Orleans	Water, 26.68 per cent.; total solids, 79.32 per cent.; cane sugar, 36.00 per cent.; ash, 3.62 per cent.
47287	W. Burton, No. 75 Barclay street	Extract of nutmeg	Nutmeg oil present; methyl oil none.
28526	Bastine & Co., No. 19 Warren street	Extract of orange, Bastine	Orange oil by polariscope, 2.72 per cent.; artificial color present; wood alcohol none.
29104	A. Berman, No. 1829 Madison avenue	Essence of orange	Orange oil by polariscope, 4.32 per cent.; artificial color, methyl alcohol and acids none; alcohol, by weight, 79.64 per cent.; by volume, 84.35 per cent.
29179	Pushcart, Geo. Davidowitch, No. 79 Chrystie street	Orange	Artificial color, coal tar present; arsenic, alcohol, acids, sugar, orange juice, benzoic and salicylic acids, artificial fruit essences none.
28133	James Butler, No. 514 Second avenue	Essence of peppermint, Peerless	Oil of peppermint present; methyl alcohol and artificial coloring none.
27291	W. Burton, No. 75 Barclay street	Extract of pineapple, Burton	Methyl oil none; artificial color, quantity too small to identify.
28119	Great Atlantic and Pacific Tea Company, No. 774 Third avenue	Extract of pineapple, A. & P.	Methyl alcohol none; colored with coal-tar dye; artificially flavored.
28320	Bastine & Co., No. 19 Warren street	Extract of pineapple, Bastine	Methyl alcohol none; artificial color present.
30117	Conron & Co., No. 265 West Broadway	Pineapple flavor	Methyl alcohol none; artificial flavor present.
28321	Bastine & Co., No. 19 Warren street	Extract of pistachio, Bastine	Methyl alcohol none; artificial color, coal tar present.
28222	R. N. Goodhart, No. 172 Reade street	Raspberry flavor, Goodhart's	Methyl alcohol none; coal tar present; artificially flavored.
28523	Bastine & Co., No. 19 Warren street	Raspberry extract, Bastine	Methyl alcohol none; artificial color, coal tar present.
28509	University Syrup Company, No. 284 Monroe street	Raspberry essential oil	Glucose and heavy metals absent; colored with coal-tar dye.
30308	Conron & Co., No. 265 West Broadway	Raspberry flavor	Methyl alcohol none; artificial color trace; synthetic flavoring present.
28120	Great Atlantic and Pacific Tea Company, No. 774 Third avenue	Extract of rose, A. & P.	Methyl alcohol none; colored with coal-tar dye.
28325	Bastine & Co., No. 19 Warren street	Extract of red rose, Bastine	Methyl alcohol none; artificial color, coal tar present.
27204	W. Burton, No. 75 Barclay street	Extract of strawberry, Burton's	Methyl alcohol none; artificial color, coal tar present.
28182	Great Atlantic and Pacific Tea Company, No. 198 First avenue	Extract of strawberry, A. & P.	Methyl alcohol none; artificial color present; also artificial flavor present.
28324	Bastine & Co., No. 19 Warren street	Extract of strawberry, Bastine	Methyl alcohol none; artificial color, coal tar present.
28508	University Syrup Company, No. 284 Monroe street	Strawberry essential oil	Glucose and heavy metals absent; colored with coal-tar dye.
28598	H. Barron, No. 311 Broome street	Strawberry extract	Glucose and heavy metals absent; colored with coal-tar dye.
28611	Sanitas Manufacturing Company, No. 1567 Park avenue	Strawberry extract	Glucose and heavy metals absent; colored with coal-tar dye.
27699	R. C. Williams & Co., No. 56 Hudson street	Maple syrup, Elite	Direct reading, -59.6; indirect reading, -12.0; ash, 0.14 per cent.
27710	Coenig & Schuster, No. 380 Greenwich street	Maple sap syrup, Our Finest	Direct reading, +57.6; indirect reading, -17.2; ash, 0.67 per cent.
27731	Storeroom, Chemistry Laboratory	Maple syrup	Direct reading, +57.6; indirect reading, -17.2; ash, 0.67 per cent.
27739	E. C. Hazard & Co., No. 119 Hudson street	Maple syrup, Vermont	Direct reading, +59.6; indirect reading, -19.0; ash, 0.21 per cent.

Analysis No.	From Whom Received.	Samples and Brands.	Results.
2777	Edw. Raifer, No. 52 Hudson street.	Syrup, Park.	Direct reading, +40.6; indirect reading, -16.4; ash, 0.12 per cent; cane sugar present.
2787	Hewson & Fitzpatrick, No. 224 Greenwich street.	Maple syrup, Vermont.	Direct reading, +20.6; indirect reading, -10.4; ash, 0.16 per cent; cane sugar present.
2788	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue.	Maple and cane syrup, Empire.	Direct reading, +24.3; indirect reading, -17.6; ash, 0.07 per cent.
2789	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue.	Maple syrup, Colonial.	Direct reading, +22.1; indirect reading, -16.3; ash, 0.22 per cent.
2792	Clark, Chapin & Bushnell, No. 177 Duane street.	Maple syrup, Gold and Crown.	Direct reading, +28.4; indirect reading, -17.2; ash, 0.26 per cent.
2793	Clark, Chapin & Bushnell, No. 177 Duane street.	Syrup, Panama.	Direct reading, -61.5; indirect reading, -12.2; ash, 0.12 per cent.
2794	Allen Ditchett & Co., No. 302 Greenwich street.	Maple syrup, Silver Seal.	Direct reading, +60.7; indirect reading, -16.0; ash, 0.02 per cent.
2795	Barton & Davis, No. 168 Franklin street.	Maple syrup, Golden Tree.	Direct reading, +65.6; indirect reading, -10.2; ash, 0.08 per cent.
2795	Barton & Davis, No. 168 Franklin street.	Maple syrup, White Label.	Direct reading, +47.7; indirect reading, -10.2; ash, 0.28 per cent.
2809	James Butler, No. 392 Washington street.	Maple syrup, Peerless.	Direct reading, +27.6; indirect reading, -15.8; ash, 0.06 per cent.
2809	Charles Israel & Brothers, No. 486 Canal street.	Maple syrup, Vermont.	Direct reading, +22.3; indirect reading, -28.4; ash, 0.50 per cent.
2826	Chief Clerk's office.	Maple syrup.	Sucrose, 27.21 per cent; ash, 0.20 per cent; water, 24.24 per cent; total solids, 70.66 per cent; glucose, none.
2825	F. H. Leggett & Co., West Broadway and Franklin street.	Maple syrup, Premier.	Sucrose, 61.01 per cent; ash, 0.22 per cent; sample is maple syrup.
2824	Austin, Nichols & Co., Hudson and Jay street.	Maple syrup.	Sucrose, 60.42 per cent; ash, 0.32 per cent; sample is maple syrup.
2823	Austin, Nichols & Co., Hudson and Jay street.	Maple syrup, Sunbeam.	Sucrose, 61.82 per cent; ash, 0.20 per cent; sample is maple syrup.
2826	R. C. Williams & Co., No. 61 Hudson street.	Maple syrup, Royal Scarlet.	Sucrose, 57.24 per cent; ash, 0.22 per cent; sample is maple syrup.
2827	R. C. Williams & Co., No. 61 Hudson street.	Maple syrup, Monogram.	Sucrose, 57.42 per cent; ash, 0.60 per cent; sample is maple syrup.
2828	Seeman Brothers, No. 121 Hudson street.	Maple and cane syrup, White Rose.	Total sucrose, 61.72 per cent; ash, 0.50 per cent; sample is maple syrup.
2823	Seeman Brothers, No. 121 Hudson street.	Maple syrup, Warfield.	Total sucrose, 61.32 per cent; ash, 0.22 per cent; sample is maple sugar, approximately 23.74 per cent; cane sugar, 37.58 per cent.
2826	Chas. Israel & Brothers, No. 486 Canal street.	Maple syrup, Vermont.	Total sucrose, 61.48 per cent; ash, 0.22 per cent; maple sugar, approximately 21.11 per cent; cane sugar, approximately 36.47 per cent; glucose, none.
2824	Chas. Israel & Brothers, No. 486 Canal street.	Maple and cane syrup.	Total sucrose, 62.62 per cent; maple sugar, approximately 40.21 per cent; cane sugar, approximately 22.41 per cent; glucose, none.
28107	Great Atlantic and Pacific Tea Company, No. 407 Second avenue.	Fancy table syrup, A. & P. (sample).	Cane sugar, 7.52 per cent; glucose, 80.00 per cent.
28216	Department of Inspection, Richmond.	Chocolate.	Benzoic, salicylic acids, glucose and artificial coloring matter absent.
28107	Great Atlantic and Pacific Tea Company, No. 407 Second avenue.	Pure syrup, Gold Leaf.	Direct reading, -50.8; invert reading, -18.4; ash, 0.12 per cent.
28221	Austin, Nichols & Co., Hudson and Jay street.	Syrup, Hudson.	Total sucrose, 61.48 per cent; sample sugar, approximately 3.11 per cent; sugar, approximately 58.37 per cent; ash, 0.02 per cent.
28169	T. F. Metcalf, No. 317 Sixth avenue.	Pineapple syrup, Natch.	Sucrose, 71.67 per cent; ash, 0.12 per cent; a mixture of cane and maple sugar.
28214	F. H. Leggett, West Broadway and Franklin street.	Pineapple syrup, Natch.	Sucrose, 62.22 per cent; ash, 0.09 per cent; cane sugar, approximately 16.40 per cent; cane sugar, approximately 52.02 per cent.
28213	Alb. Friedlander, No. 8 Suffolk street.	Syrup, Orange.	Reaction very slightly acid; phosphoric hydrochloric and sulphuric acids, none; glucose and artificial color (coal tar) present.
28216	James Butler, No. 392 Washington street.	Vermont syrup, Peerless.	Sucrose, 50.20 per cent; ash, 0.08 per cent; maple sugar, approximately 7.06 per cent; cane sugar, approximately 32.74 per cent.
28110	Department of Inspection, Richmond.	Pineapple flavor.	Benzoic, salicylic acids, glucose and artificial coloring matter (coal tar), none.
28117	Department of Inspection, Richmond.	Raspberry flavor.	Same result as 28110.
28212	Austin, Nichols & Co., Hudson and Jay street.	Syrup, Republic.	Sucrose, 62.00 per cent; ash, 0.12 per cent; maple sugar, approximately 10.31 per cent; cane sugar, approximately 27.21 per cent.
28275	Bloomfield Brothers, Pillsbury street and Third avenue.	Raspberry, orange, lemon, blueberry, blackberry, and vanilla flavors.	Silicic, benzoic and lactic acids; saccharin, none; artificial coloring matter (coal tar) present.
28242	R. F. Williams & Co., No. 61 Hudson street.	Breakfast syrup, Blue Bird.	Sucrose, 16.01 per cent; ash, 0.10 per cent; maple sugar, approximately 6.82 per cent; cane sugar, approximately 7.87 per cent.
28218	Department of Inspection, Richmond.	Strawberry flavor.	Benzoic, salicylic acids and glucose and artificial coloring matter (coal tar), none.
28100	Bloomfield Brothers, Fifty-ninth street and Third avenue.	Sugar syrup.	Direct reading, 200 mm., +91.5; indirect 51, 100 mm. tube, -26.0; glucose, none; cane sugar, 20.2 per cent.
28084	Harris Serrano, No. 1643 Third avenue.	Syrup of white rhubarb.	See drugs and medicines.
27981	Wood & Selig, Duane and Hudson streets.	Pure maple sugar.	Direct reading, +72.0; indirect, -20.0; ash, 0.10 per cent.
27981	See Harris Serrano, No. 1643 Duane street.	Vanilla compound, Louisiana.	Vanillin, 0.18 per cent; vanillin, 0.122 per cent; acetanilid, none.
27972	Bastin & Co., No. 12 Warren street.	Vanilla extract, Bastin's.	Coumarin, 0.018 per cent; vanillin, 0.151 per cent; acetanilid, none.
28218	Bastin & Co., No. 12 Warren street.	Vanilla extract, Jackson's.	Coumarin, 0.022 per cent; vanillin, 0.072 per cent; acetanilid, none; methyl alcohol, none.
28200	M. Thomson, No. 161 Washington street.	Vanilla extract.	Coumarin, 0.012 per cent; vanillin, 0.104 per cent; acetanilid, none; methyl alcohol, none.
28202	T. E. Thomson, No. 207 Greenwich street.	Vanilla extract, compound, Har's.	Coumarin, 0.017 per cent; vanillin, 0.267 per cent; acetanilid, none; methyl alcohol, none.
28204	T. E. Thomson, No. 207 Greenwich street.	Vanilla extract, Thomson's.	Coumarin, none; vanillin, 0.150 per cent; acetanilid, none; methyl alcohol, none.
28241	A. B. Schuler & Co., New York.	Vanilla extract, Crown.	Coumarin, 0.014 per cent; vanillin, 0.022 per cent; acetanilid, none.
28248	Wood & Selig, No. 36 Hudson street.	Vanilla extract.	Coumarin, 0.022 per cent; vanillin, 0.106 per cent; acetanilid, none.
27925	Credal & Gullay, No. 157 Franklin street.	Vanilla extract.	Coumarin, none; vanillin, 0.094 per cent; acetanilid, none; methyl alcohol, none.
27927	Credal & Gullay, No. 157 Franklin street.	Vanilla extract.	Coumarin, none; vanillin, 0.105 per cent; acetanilid, none; methyl alcohol, none.
27946	O. J. Weeks & Co., No. 91 Murray street.	Vanilla extract.	Coumarin, none; vanillin, 0.089 per cent; acetanilid, none; methyl alcohol, none.
27947	O. J. Weeks & Co., No. 91 Murray street.	Vanilla extract.	Coumarin, 0.016 per cent; vanillin, 0.122 per cent; acetanilid, none; methyl alcohol, none.
27970	Max Steinberg, No. 169 Park avenue.	Vanilla extract.	Coumarin, 0.020 per cent; vanillin, 0.192 per cent; acetanilid, none; methyl alcohol, none.
27990	Crown Cordial and Extract Company, No. 14 Des Brosses street.	Vanilla extract.	Coumarin, none; vanillin, 0.216 per cent; acetanilid, none; methyl alcohol, none.
27987	Crown Cordial and Extract Company, No. 14 Des Brosses street.	Vanilla extract.	Coumarin, none; vanillin, 0.216 per cent; acetanilid, none; methyl alcohol, none.
27988	Crown Cordial and Extract Company, No. 14 Des Brosses street.	Vanilla extract.	Coumarin, none; vanillin, 0.216 per cent; acetanilid, none; methyl alcohol, none.
27982	National Extract Works, No. 20 Warren street.	Vanilla extract.	Coumarin, none; vanillin, 0.216 per cent; acetanilid, none; methyl alcohol, none.
28222	Great Atlantic and Pacific Tea Company, No. 774 Third avenue.	Vanilla extract, A. & P.	Coumarin, none; vanillin, 0.102 per cent; acetanilid, none.
28124	James Butler, No. 392 Second avenue.	Vanilla extract, Peerless.	Coumarin, 0.122 per cent; vanillin, 0.162 per cent; acetanilid, none; methyl alcohol, none.
28214	A. Schwarz, No. 1242 Avenue C.	Vanilla extract, compound, Royal.	Coumarin, 0.022 per cent; vanillin, 0.018 per cent; acetanilid, none; methyl alcohol, none.
28212	D. Heseltine, No. 1724 Third avenue.	Vanilla extract, Hoop's.	Coumarin, 0.024 per cent; vanillin, 0.342 per cent; acetanilid, none.
28216	Aug. Slesmaker, No. 1223 First avenue.	Vanilla extract, Burton.	Coumarin, none; vanillin, 0.096 per cent; acetanilid, none.
28224	Grosskopf, No. 1294 Eighth avenue.	Vanilla compound, Princess Tonka.	Coumarin, 0.008 per cent; vanillin, 0.020 per cent; acetanilid, none; methyl alcohol, none.
28225	E. C. Smith, No. 2491 Eighth avenue.	Vanilla extract compound, Savoy.	Coumarin, 0.174 per cent; vanillin, 0.008 per cent; acetanilid, none; methyl alcohol, none.
28227	J. W. McLean, No. 2441 Eighth avenue.	Vanilla extract, Royal.	Coumarin, 0.022 per cent; vanillin, 0.100 per cent; acetanilid, none; methyl alcohol, none.
28220	Harry M. Felt, No. 2447 Eighth avenue.	Vanilla extract compound, Star.	Coumarin, 0.010 per cent; vanillin, 0.210 per cent; acetanilid, none; methyl alcohol, none.
28221	Daniel Rosen, No. 2622 Eighth avenue.	Vanilla extract, Blue Ribbon.	Coumarin, 0.016 per cent; vanillin, 0.204 per cent; acetanilid, none; methyl alcohol, none.
28223	John Ruff, No. 2622 Eighth avenue.	Vanilla extract, compound, Empire State.	Coumarin, 0.024 per cent; vanillin, 0.040 per cent; acetanilid, none; methyl alcohol, none.
28224	Grainde Brothers, Eighth avenue, corner of One Hundred and Forty-second street.	Vanilla extract compound, Royal.	Coumarin, 0.016 per cent; vanillin, 0.018 per cent; acetanilid, none; methyl alcohol, none.
28227	Grainde Brothers, Eighth avenue, corner of One Hundred and Forty-second street.	Vanilla extract.	Coumarin, none; vanillin, 0.016 per cent; acetanilid, none; methyl alcohol, none.
28227	Grainde Brothers, Eighth avenue, corner of One Hundred and Forty-second street.	Vanilla extract compound, Manhattan.	Coumarin, 0.014 per cent; vanillin, 0.020 per cent; acetanilid, none; methyl alcohol, none.
28228	Ragus Tea and Coffee Company, No. 2443 Eighth avenue.	Vanilla extract, Ragus.	Coumarin, 0.022 per cent; vanillin, 0.040 per cent; acetanilid, none; methyl alcohol, none.
28240	A. E. Beckman & Co., No. 2422 Eighth avenue.	Vanilla extract, May Flower.	Coumarin, none; vanillin, 0.040 per cent; acetanilid, none.
28281	Andrew Daver, No. 320 Greenwich street.	Vanilla extract, Atlas.	Coumarin, none; vanillin, 0.072 per cent; acetanilid, none; methyl alcohol, none.
28214	Josh Wang, No. 2610 First avenue.	Vanilla extract, Knapp's.	Coumarin, 0.008 per cent; vanillin, 0.044 per cent; acetanilid, none; methyl alcohol, none.
28215	Geo. B. Fuerr, No. 643 Second avenue.	Vanilla extract, Royal.	Coumarin, 0.008 per cent; vanillin, 0.016 per cent; acetanilid, none; methyl alcohol, none.
28216	S. H. Reynolds, No. 447 Second avenue.	Vanilla extract, Natch.	Coumarin, none; vanillin, 0.024 per cent; acetanilid, none; methyl alcohol, none.
28220	Bastin & Co., No. 12 Warren street.	Vanilla extract, Bastin's.	Coumarin, none; vanillin, 0.028 per cent; acetanilid, none; methyl alcohol, none.
28224	Crown Extract Company, No. 147 West Twenty-sixth street.	Vanillin compound.	Coumarin, 1.03 per cent; vanillin, 1.00 per cent; acetanilid, none; methyl alcohol, none.
28223	San Gabriel Valley Fruit Produce Company, No. 128 Hudson street.	Vanilla bean (Tonka), Mexican.	Coumarin, 0.01 per cent; vanillin, 0.022 per cent.
28220	San Gabriel Valley Fruit Produce Company, No. 128 Hudson street.	Vanilla bean (slala), Mexican.	Coumarin, none; vanillin, 0.065 per cent.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28602	Walter S. Rocky, Eighth avenue and Thirty-fifth street.	Vanilla extract.	Coumarin, 0.022 per cent.; vanillin, 0.072 per cent.; acetanilid, none.
28623	W. Burton & Co., No. 75 Barclay street.	Vanilla extract, Burton.	Coumarin, none; vanillin, 0.12 per cent.; acetanilid, none; methyl alcohol, none.
28625	Wm. Burton, No. 75 Barclay street.	Vanilla substitute, Empire State.	Coumarin, 0.076 per cent.; vanillin, 0.034 per cent.; acetanilid, none; methyl alcohol, none.
2907	A. Berman, No. 1829 Madison avenue.	Vanilla extract.	Coumarin, 0.24 per cent.; vanillin, 0.55 per cent.; artificial color (coal tar) present; methyl alcohol, none.
30316	Conron & Co., No. 265 West Broadway.	Vanilla flavor sumn.	Coumarin, 0.16 per cent.; vanillin, 0.264 per cent.; artificial color (coal tar), none; artificial color (caramel) present.

Honeys, Jams, Jellies, etc.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28076	Chas. Israel & Brothers, No. 486 Canal street.	Honey, compound.	Sample contains cane sugar and glucose.
28077	Chas. Israel & Brothers, No. 486 Canal street.	Honey, Pure Clover.	Sample is honey.
28132	James Butler, No. 514 Second avenue.	Honey, Peerless.	Sample is honey.
28114	Louis Auerbach, No. 842 Broadway.	Honey.	Sample is honey.
30161	F. Divoberger, No. 1363 Third avenue.	Honey, Orange Bloom.	Sample is honey.
30163	D. Bengzers, No. 947 Sixth avenue.	Honey, Pure Strained.	Sample is honey.
30193	James Butler, No. 1143 Second avenue.	Honey, Peerless.	Sample is honey.
30184	Bloomington Brothers, Fifty-ninth street and Third avenue.	Honey, Golden Time.	Sample is honey.
30321	J. C. Hulsten, No. 238 East Fifty-sixth street.	Honey.	Sample is honey.
30322	Chas. Israel & Brothers, No. 486 Canal street.	Honey.	Sample is honey.
30450	Adams & Co., Sixth avenue and Twenty-second street.	Honey, Falcon.	Sample is honey.
30461	J. W. Hamblin, No. 35 Vesey street.	Honey, Red Cross.	Sample is honey.
30493	J. White, No. 610 Ninth avenue.	Honey.	Sample is honey.
28098	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Jam, A. & P.	Cane sugar, 22.6 per cent.; glucose, 27.7 per cent.; benzoate of soda, 0.09 per cent.; artificial color (coal tar), none.
28099	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Jam, A. & P.	Cane sugar, 33.0 per cent.; glucose, 20.9 per cent.; benzoate of soda, 0.10 per cent.; artificial color (coal tar), none.
28100	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Jam, A. & P.	Cane sugar, 17.70 per cent.; glucose, 14.30 per cent.; benzoate of soda, 0.14 per cent.; artificial color (coal tar), none.
28108	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Jam, A. & P.	Cane sugar, 18.6 per cent.; glucose, 20.6 per cent.; benzoate of soda, 0.11 per cent.; artificial color (coal tar), none.
28208	James Butler, No. 340 First avenue.	Jam, Liberty.	Benzoate and artificial color present; saccharin and boric acid, none.
28209	James Butler, No. 340 First avenue.	Jam, Liberty.	Benzoate and artificial color present; saccharin and boric acid, none.
28210	James Butler, No. 340 First avenue.	Jam, Blue Ribbon.	Salicylic, benzoic and boric acid, none; saccharin, none; artificial color, none.
28211	James Butler, No. 340 First avenue.	Jam, Blue Ribbon.	Salicylic, benzoic and boric acid, none; saccharin, none; artificial color, none.
28580	Chief Clerk's office.	Jam, Fountain.	Salicylic, benzoic and boric acid, none; cane sugar, 17.8 per cent.; artificial color, none; glucose, none.
28604	James Butler, No. 340 First avenue.	Jam, Blue Ribbon.	Salicylic, benzoic and boric acid, none; saccharin, none; artificial color, none; sulphur, none.
30240	R. C. Williams & Co., No. 60 Hudson street.	Jam, Serial.	Salicylic, benzoic, none; glucose, 22.00 per cent.; cane sugar, 27.05 per cent.; artificial color, none.
27985	Crandall & Godley, No. 157 Franklin street.	Creamallo, Perfecto.	Calcium stearate and starch present.
28138	James Butler, No. 514 Second avenue.	Jelly powder, Blue Ribbon.	Sulphites present; coal-tar dyes, none.
28181	Great Atlantic and Pacific Tea Company, No. 467 First avenue.	Jelly powder, A. & P.	Sulphites present; colored with a coal-tar dye.
28286	Andrew Davey, No. 350 Greenwich street.	Jelly powder, Atlas.	Sulphites present; coal-tar dyes, none.
28379	Chief Clerk's office.	Jelly, Fountain.	Salicylic, benzoic, boric acid, glucose, artificial color, none; cane sugar, 10.7 per cent.
28760	Chief Clerk's office.	Jelly, Sunbeam.	Sample is pure jelly.
28837	Christiansen & Nickelsen, No. 255 Third avenue.	Jellycon, Burnham's.	Sulphurous acid present, probably due to gelatin used.
28838	Christiansen & Nickelsen, No. 255 Third avenue.	Jell-O-Cherry.	Sulphurous acid present, probably due to gelatin used.
28839	Frederick Korte, No. 125 Third avenue.	Bromangelon.	Sulphurous acid present, probably due to gelatin used.
28864	Chief Clerk's office.	Jelly, Premier.	Glucose and artificial color (coal tar) absent; benzoic acid present.
28876	Chief Clerk's office.	Jelly, Premier.	Glucose and artificial color (coal tar) absent; sodium benzoate present.
28871	Chief Clerk's office.	Jelly, Premier.	Glucose and artificial color (coal tar) absent; sodium benzoate present.
28872	Chief Clerk's office.	Jelly, Sunbeam.	Glucose and artificial color (coal tar) absent; benzoic and salicylic acid absent.
28873	Chief Clerk's office.	Jelly, Sunbeam.	Glucose and artificial color (coal tar) absent; benzoic and salicylic acid absent.
28874	Chief Clerk's office.	Jelly, Sunbeam.	Glucose and artificial color (coal tar) absent; benzoic and salicylic acid absent.
29250	Chief Clerk's office.	Jelly.	Cane sugar, 31.91 per cent.; saccharin, artificial color (coal tar), none; benzoic acid present.
29287	Chief Clerk's office.	Jelly, Sunbeam.	Cane sugar, 29.75 per cent.; saccharin, artificial color (coal tar), none; benzoic acid, none.
30220	Libby, McNeil & Libby, No. 97 Hudson street.	Jelly, Libby's.	Artificial color (coal tar), glucose, salicylic, benzoic and boric acids, none.
30248	R. C. Williams & Co., No. 60 Hudson street.	Jelly, Royal Scarlet.	Artificial color (coal tar), glucose, salicylic, benzoic and boric acids, none; cane sugar, 34.35 per cent.
28154	Columbia Conserve Company, No. 247 West Broadway.	Apple butter, Columbia.	Cane sugar, 15.2 per cent.; glucose and artificial coloring matter, none; salicylic, benzoic and boric acids absent.
28498	Willard Parker Hospital.	Apple butter.	Benzoic and salicylic acids, glucose and artificial color (coal tar), none.

Creams and Milks, Special.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28122	Dr. Hermann Biggs.	Cream, Walker-Gordon.	Sugar, 4.8 per cent.; fat, 14.2 per cent.
28553	Mrs. Lockwood, No. 441 Park avenue.	Cream.	Fat, 38.40 per cent.; starch, gelatine, formaldehyde, borax, none; refractive index corresponds to butter fat.
28584	Carl Kahler, No. 30 West Fortieth street.	Cream.	Fat, 28.00 per cent.; odor, reaction, gelatine, starch, negative; refraction index of fat, 1.4225 per cent. at 40 degrees C.
28774	Chief Sanitary Inspector.	Milk.	Free from artificial coloring matter.
28497	Mr. Raynor, Chief Sanitary Inspector.	Milk.	Sediment appears to be mineral dust.
28490	Sanitary Superintendent.	Milk.	Reaction normal; formaldehyde and borax, none; physiological results, negative.
28518	Sanitary Superintendent.	Milk.	Lact. (10); fat, 4.20 per cent.; solids, 13.83 per cent.; formaldehyde and borax, none; sample reacts for raw milk; physiological results, negative.
28775	New York Diet Kitchen, No. 26 Barrow street.	Milk.	Fat, 3.60 per cent.
29161	Department of Inspection.	Milk.	Test not conclusive.
29162	Department of Inspection.	Milk.	Tests not conclusive.
29163	Department of Inspection.	Milk.	Tests not conclusive.
29443	F. B. Lewis, No. 194 Bowers.	Human milk.	Specific gravity, 1.0335 per cent.; fat, 3.43 per cent.; solids, 12.32 per cent.; milk sugar, 6.40 per cent.
29638	Dr. Baldwin.	Milk (mother's).	Fat, 4.79 per cent.; solids, 13.66 per cent.; milk sugar, 3.99 per cent.
29639	Department of Inspection.	Milk.	Mineral acids and poisonous metals, none.
29756	Dr. Wilson.	Milk (Willow Brook Dairy).	Formaldehyde and borax, none.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29816	Department of Inspection.....	Sour milk (D. Fricke, Brooklyn)....	Sample contains no acetic, hydrochloric, sulphuric or phosphoric acids.
29824	Louis Rosenberg, No. 224 East One Hundred and Nineteenth street.....	Milk.....	Sample contains no carbolic acid.
29190	Department of Inspection.....	Milk bottle papers.....	Formaldehyde, borax, benzoic acid and salicylic acid, none.
30284	Chief Sanitary Inspector.....	Buttermilk.....	Hydrochloric, sulphuric, nitric, acetic, tartaric, phosphoric, oxalic, citric and lactic acids, none.

Meats, Canned, Preserved, etc.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30223	Libby, McNeill & Libby, No. 37 Hudson street....	Baked pork and beans, Libby's.....	Poisonous metals, boric acid and sulphites, none.
29905	Chief Clerk's office.....	Beef extract, Armour's.....	Moisture, 17.36 per cent.; total solids 82.64 per cent.; ash (total), 19.73 per cent.; ash (insol. in water), 0.82 per cent.; ash (insol. in hydrochloric acid), 0.07 per cent.; petroleum ether ext., 2.93 per cent.; total nitrogen, 7.39 per cent.; reducing sugars, none.
29930	Chief Clerk's office.....	Beef extract, Libby's.....	Moisture, 16.53 per cent.; total solids, 83.47 per cent.; total ash, 18.59 per cent.; ash (insol. in water), 0.31 per cent.; ash (insol. in hydrochloric acid), 0.07 per cent.; petroleum ether ext., 3.31 per cent.; total nitrogen, 9.05 per cent.; reducing sugars, none.
30222	Libby, McNeill & Libby, No. 37 Hudson street....	Beef extract, Libby's.....	Total solids, 85.82 per cent.; moisture, 14.18 per cent.; petroleum ether ext., 0.61 per cent.; total nitrogen, 7.91 per cent.; total ash, 22.65 per cent.; ash (sodium chloride), 8.17 per cent.; ash (insol. in water), 1.79 per cent.; reducing sugars, none.
29950	Abn. Horowitz, Nos. 18 and 20 First avenue.....	Beef (chopped).....	Sulphurous acid present; boric acid absent.
28802	Eberhard Pantle, No. 1825 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29296	Oscar Pache, No. 1744 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29297	Oscar Pache, No. 1744 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29298	Oscar Pache, No. 1744 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29299	Oscar Pache, No. 1744 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29459	Eberhard Pantle, No. 1825 Second avenue.....	Bologna.....	Boric, sulphurous acids and artificial color (coal-tar dyes), none.
29051	Commissioner's office.....	Caviar.....	Boric, salicylic, benzoic acids and sulphites, none; 2.25 per cent. sodium chloride.
28696	Riverside Hospital.....	Chicken.....	Sulphites and borax, none.
30221	Libby, McNeill & Libby, No. 37 Hudson street....	Corned beef (cooked).....	Poisonous metals, boric acid and sulphites, none.
28698	Riverside Hospital.....	Corned beef.....	Sulphites and borax, none.
30224	Libby, McNeill & Libby, No. 37 Hudson street....	Ham (potted), Libby's.....	Poisonous metals, boric acid and sulphites, none.
28190	Herman Brodker, No. 1701 Second avenue.....	Meat, chopped.....	Sulphurous acid present.
28191	Max J. Braunwasser, No. 1616 Second avenue....	Meat, chopped.....	Sulphurous acid present.
28192	Max J. Braunwasser, No. 1616 Second avenue....	Meat, chopped.....	Sulphurous acid present.
28307	Adolph Tutschkin, No. 1483 Third avenue.....	Meat, chopped.....	Sulphurous acid present.
28308	Jim. Wechl, No. 1793 Third avenue.....	Meat, chopped.....	Sulphurous acid present.
28309	Herman Stein, No. 1691 Third avenue.....	Meat, chopped.....	Sulphurous acid present.
28310	Jacob Kallmann, No. 1484 Third avenue.....	Meat, chopped.....	Sulphurous acid present.
28311	David Steigerwald, No. 1572 Third avenue.....	Meat, chopped.....	Sulphurous acid absent; sorbic acid absent.
28360	Joe Solomon, No. 1644 Madison avenue.....	Meat, chopped.....	Sulphurous acid present.
28361	Louis Marko, No. 1214 Madison avenue.....	Meat, chopped.....	Sulphurous acid present.
28362	Jacob Herstein, No. 1259 Madison avenue.....	Meat, chopped.....	Sulphurous acid present.
28363	Barney Blodowsky, No. 1592 Madison avenue....	Meat, chopped.....	Sulphurous acid present.
28364	Julius CooperSmith, No. 50 East One Hundred and Tenth street.....	Meat, chopped.....	Sulphurous acid present.
28103	Louis Rappaport, No. 53 East One Hundred and Ninth street.....	Meat, chopped.....	Sulphurous acid present.
29470	Edw. Schuster, No. 1734 Lexington avenue.....	Meat, chopped.....	Sulphurous acid present.
29471	Isador Abramowitz, No. 26 East One Hundred and Thirtieth street.....	Meat, chopped.....	Sulphurous acid present.
29271	Albert F. Woerner, No. 1065 Avenue A.....	Meat, chopped.....	Sulphites present.
29798	Klinger Brothers, No. 372 Second avenue.....	Meat, chopped.....	Sulphites absent; borax absent; boric acid absent.
30175	Louis Filsenbaum, No. 196 Bridge street, Brooklyn.	Meat, chopped.....	Sulphurous acid present.
30182	John E. DeAngelo, No. 42 Carmine street.....	Meat, chopped.....	Sulphites present.
30160	Moses Selig, No. 387 Hudson street.....	Meat, chopped.....	Sulphurous acid present.
30261	Moses Selig, No. 387 Hudson street.....	Meat, chopped.....	Sulphurous acid present.
29583	Siegel-Cooper Company, Sixth avenue and Eighteenth street.....	Meat, chopped.....	Sulphurous acid absent; borax absent.
30380	McCarthy Sons, No. 29 Sixth avenue.....	Meat, chopped.....	Sulphurous acid present.
28351	Columbia Conserve Company, No. 287 West Broadway.....	Mince meat, Columbia.....	Salicylic, benzoic, boric, sulphurous acids, saccharin and artificial color, none.
30226	Libby, McNeill & Libby, No. 37 Hudson street....	Mince meat, Libby's.....	Sodium benzoate, 0.096 per cent.; salicylic, boric acids, poisonous metals, artificial color (coal tar), none.
30102	Mary Kunchenka, No. 14 Grove avenue, Richmond.	Pig's foot.....	Free from ptomaine.
30103	No. 46 Maple avenue, Richmond.....	Pig's foot (cooked).....	Free from ptomaine.
30103	Mrs. Tokosch, No. 31 Grove avenue, Richmond....	Fresh pork.....	Free from ptomaine.
30104	Frank Latina, No. 19 Grove avenue, Richmond....	Fresh pork.....	Free from ptomaine.
28779	Gertrude Langer, No. 137 East Houston street....	Sausages (frankfurt).....	Borax and sulphites, none; colored with coal tar dye.
29057	Leopold Langer, No. 137 East Houston street....	Sausages (frankfurt).....	Sulphurous acid and boric acid absent.
30240	Department of Inspection.....	Sausages (cooked).....	Free from ptomaine.
30221	Chief Sanitary Inspector.....	Sausages, uncooked.....	Free from ptomaine.
28697	Riverside Hospital.....	Steak.....	Sulphites and borax none.
30223	Libby, McNeill & Libby, No. 37 Hudson street....	Tamales, Mexican style.....	Artificial color (coal tar), salicylic acid, benzoic acid and boric acid none.

Non-Alcoholic Beverages.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28370	Sol. Rogow, No. 82 East One Hundred and Tenth street.....	Celery tonic.....	Methyl alcohol, glucose, heavy metals, artificial coloring matter none; sample has odor of celery acid.
28786	Melville Whipple, No. 18 Harlem Market.....	Cider.....	Benzoic acid present.
30040	Chas. Zalesnick, No. 3 Chrystie street.....	Cider.....	Benzoic acid, 0.024 per cent., equivalent to 0.040 per cent. benzoate of soda.
30041	Chas. Zalesnick, No. 48 Division street.....	Cider.....	Benzoic acid, 0.022 per cent., equivalent to 0.038 per cent. benzoate of soda.
30042	Benj. Wallach, No. 2 Forsyth street.....	Cider.....	Benzoic acid, 0.023 per cent., equivalent to 0.038 per cent. benzoate of soda.
30043	Abn. Sweet, No. 75 Chrystie street.....	Cider.....	Benzoic acid, 0.025 per cent., equivalent to 0.040 per cent. benzoate of soda.
30044	Isador Schloss, No. 128 Chrystie street.....	Cider.....	Benzoic acid, 0.027 per cent., equivalent to 0.044 per cent. benzoate of soda.
30045	Abn. Glassman, No. 123 Chrystie street.....	Cider.....	Benzoic acid, 0.021 per cent., equivalent to 0.037 per cent. benzoate of soda.
30046	Rubenstein, No. 71 Chrystie street.....	Cider.....	Benzoic acid, 0.046 per cent., equivalent to 0.074 per cent. benzoate of soda.
30047	Samuel Ordorf, No. 11 Chrystie street.....	Cider.....	Benzoic acid, 0.032 per cent., equivalent to 0.053 per cent. benzoate of soda.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30048	Isaac Davidson, No. 61 Forsyth street.	Cider	Benzoic acid, 0.034 per cent., equivalent to 0.040 per cent. benzoate of soda.
30049	Samuel Porter, No. 43 Chrystie street.	Cider	Benzoic acid, 0.029 per cent., equivalent to 0.034 per cent. benzoate of soda.
30199	Peter Schultz, Second avenue and Fifty-third street	Cider	Benzoic acid, 0.07 per cent., equivalent to 0.083 per cent. benzoate of soda.
30200	Wm. Telchow, No. 1037 Second avenue.	Cider	Benzoic acid, 0.04 per cent., equivalent to 0.048 per cent. benzoate of soda.
30201	Diedrich Myer, No. 1029 Second avenue.	Cider	Benzoic acid, 0.05 per cent., equivalent to 0.059 per cent. benzoate of soda.
30202	Joe Rothfeld, No. 1051 Second avenue.	Cider	Sample contains 0.04 per cent. salicylic acid, equivalent to 0.05 per cent. sodium salicylate.
29601	Coca Cola Bottling Works, No. 135 East Forty-sixth street	Coca Cola	Cocaine absent.
29602	Coca Cola Bottling Works, No. 297 Eighth avenue.	Coca Cola syrup	Cocaine absent.
27964	New York Fruit Company, No. 232 East One Hundred and Eleventh street.	Cream soda water	Salicylic, benzoic, boric acid, artificial coloring none; saccharin present.
28364	E. Kremer, No. 2059 Second avenue.	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
28495	Pietro Rotella, No. 234 East Eighty-fourth street.	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
27962	New York Fruit Company, No. 232 East One Hundred and Eleventh street.	Ginger ale	Salicylic, benzoic, boric acids and artificial coloring none; saccharin present.
28367	Louis Sollerder, No. 1973 Second avenue.	Ginger ale	Glucose, artificial coloring matter and heavy metals absent.
28492	David Horowitz, No. 1631 Madison avenue.	Ginger ale	Glucose, artificial coloring matter and heavy metals absent.
29604	Herman & Heim, South Beach, S. I.	Ginger ale	Benzoic, salicylic acids, saccharin, artificial coloring, sulphites, formaldehyde, beta naphthol absent; ginger present.
30108	Fourteenth Street Store, Fourteenth street and Sixth avenue	Grape juice	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
30197	Bloomington Brothers, Fifty-ninth street and Third avenue	Grape juice, Vineland	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
30198	James Butler, No. 1743 Second avenue.	Grape juice, Essie	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
27965	New York Fruit Company, No. 232 East One Hundred and Eleventh street.	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
28369	Wm. Davis, No. 110 East One Hundred and Ninth street	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28463	Sebastiano Lipari, No. 422 East Thirteenth street.	Lemon soda water	Glucose, heavy metals and mineral acids absent; tartaric acid present.
28464	Giuseppe Bernara, No. 338 East Twelfth street.	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids absent.
28465	John C. Beckman, No. 251 Avenue B.	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids absent.
28473	James Butler, Second avenue and Sixtieth street.	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
28489	Louis Goldsmith, No. 1998 Third avenue.	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28493	David Horowitz, No. 1631 Madison avenue.	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28494	Pietro Rotella, No. 234 East Eighty-fourth street.	Lemon soda water	Glucose, heavy metals and mineral acids absent; tartaric acid present.
29606	Herman & Heim, South Beach, S. I.	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
29584	Margaret Kennedy, Iron Pier Walk, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids none; citric acid present; coal-tar color absent; formaldehyde none.
29585	Rosie Vassinger, Surf avenue, near Fourteenth street, C. I.	Lemonade	Same result as 29584.
29586	Israel Avrick, Surf avenue, near Thirteenth street, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, mineral acids, tartaric acid and formaldehyde none; colored with coal-tar dyes; citric acid present.
29587	Jake Katsinsky, Surf avenue and Fifteenth street, C. I.	Lemonade	Same result as 29586.
29588	Lear Meison, Seaside Walk and Surf Walk, C. I.	Lemonade	Same result as 29586.
29589	Elias Leavitt, Jones Walk, near Surf avenue, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, mineral and tartaric acids and formaldehyde absent; citric acid present; coal-tar dyes absent.
29590	Max Dickman, Jones Walk, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids none; colored with coal-tar dye; citric acid present.
29591	John Schoonmaker, West Fifth street, near Surf avenue, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and formaldehyde none; citric acid present; coal-tar dyes absent.
29592	Rich. Quigg, Fifth street and Beach, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids and formaldehyde absent; citric acid present; colored with a coal-tar dye.
29593	Felstein & Newman, West Tenth street, C. I.	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids and formaldehyde and coal-tar dyes absent; citric acid present; phosphoric acid trace.
28306	Louis Sollerder, No. 1973 Second avenue.	Orange phosphate	Glucose and heavy metals absent; colored with a coal-tar dye.
28462	John Kroog, No. 647 East Sixteenth street.	Orange phosphate	Glucose and heavy metals absent; colored with a coal-tar dye.
27961	New York Fruit Company, No. 232 East One Hundred and Eleventh street.	Sarsaparilla	Salicylic, benzoic and boric acids and artificial color none; saccharin present.
28364	E. Kremer, No. 2059 Second avenue.	Sarsaparilla	Glucose, artificial coloring matter and heavy metals absent.
28368	Wm. Davis, No. 110 East One Hundred and Ninth street	Sarsaparilla	Glucose, artificial coloring matter and heavy metals none.
28490	Louis Goldsmith, No. 1998 Third avenue.	Sarsaparilla	Glucose, tartaric and mineral acids and heavy metals none.
28496	Pietro Rotella, No. 234 East Eighty-fourth street.	Sarsaparilla	Glucose, artificial coloring matter and heavy metals none.
29605	Herman & Heim, South Beach, S. I.	Sarsaparilla, Louis Birkle	Artificial color, benzoic and salicylic acids, sulphites, formaldehyde, beta naphthol and saccharin none; sassafras present.
29734	Elias Laborwitz, No. 301 East Ninety-ninth street.	Strawberry soda water	Artificial flavor and artificial color present; mineral acids and phosphoric acid none.
28365	E. Kremer, No. 2059 Second avenue.	Strawberry soda water	Glucose and heavy metals absent; sample colored with coal-tar dye.
28491	Louis Goldsmith, No. 1998 Third avenue.	Strawberry soda water	Glucose and heavy metals absent; sample colored with coal-tar dye.
29089	Dr. Wilson	Vichy, Lighe & Bro.	Hydrogen sulphide absent; total solids 332 parts in 100,000.

Soups, Canned.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28152	Columbia Conserve Company, No. 247 West Broadway	Tomato soup, Red Letter	Salicylic, benzoic, boric acids and artificial color none; traces of iron.
30333	Columbia Conserve Company, No. 247 West Broadway	Tomato soup, Columbia	Salicylic, benzoic, boric acids and artificial color, poisonous metals and sulphites none.

Spices.

Analysis No.	From Whom Received.	Samples and Brand.	Total Ash, Per Cent.	Ash Water Soluble, Per Cent.	Ash Insoluble HCl, Per Cent.	Volatile Ether Extract, Per Cent.	Non-volatile Ether Extract, Per Cent.	Crude Fibre.	Moisture, Per Cent.	Ether Extract, Per Cent.
27983	Crandall & Godley, No. 157 Franklin street.	Cassia	3.50	1.72	0.95	2.34	3.70	21.32	7.48	....
27998	Wood & Selick, Hudson and Duane streets.	Cassia	1.86	....	....	3.25	3.53	....	3.95	3.80
28178	Great Atlantic and Pacific Tea Company, No. 198 First avenue	Cinnamon, Sultana	2.13	1.89	0.74	5.11	2.51	19.27	6.00	....
27982	Crandall & Godley, No. 157 Franklin street.	Mace	1.57	1.10	0.19	4.21	59.24	3.27	1.09	....
27997	Wood & Selick, Hudson and Duane streets.	Mace	3.80	....	....	8.00	24.50	....	4.80	33.40
28104	Great Atlantic and Pacific Tea Company, No. 467 Second avenue	Mace	6.54	1.13	0.08	7.51	23.01	3.10	13.01	....
28131	James Butler, No. 314 Second avenue.	Mace	8.44	....	....	6.32	23.72	....	3.64	22.97
27738	Mrs. K. Vida, No. 412 East Seventy-fourth street.	Paprika (compound)	4.00	....	....	1.61	7.00	....	6.30	6.20
28218	James Butler, No. 412 Second avenue.	Paprika (compound)	7.28	....	....	1.63	18.23	1.00	2.80	19.88
30207	P. H. Leggett & Co., West Broadway and Franklin street	Paprika (compound), Premier	5.90	1.00	....	1.00	1.00	....	....	15.63
28117	Great Atlantic and Pacific Tea Company, No. 374 Third avenue	Pepper, Sultana	2.38	....	....	0.85	8.55	....	6.52	5.38
28120	James Butler, No. 314 Second avenue.	Pepper, Peerless	6.74	....	....	0.68	3.04	....	7.04	3.72
28213	James Butler, No. 314 First avenue.	Pepper, Peerless	6.28	....	....	0.32	3.91	....	6.59	6.27

* Turmeric present.

† Turmeric none.

‡ Artificial coloring matter absent.

Analysis No.	From Whom Received.	Samples and Brand.	Total Ash, Per Cent.	Ash Water Soluble, Per Cent.	Ash Insoluble HCl, Per Cent.	Volatile Ether Extract, Per Cent.	Non-volatile Ether Extract, Per Cent.	Crude Fibre.	Moisture, Per Cent.	Ether Extract, Per Cent.
28792	Chief Clerk's office.	Pepper	5.92	.....	.....	1.72	6.44	.....	7.70	7.66
28796	Chief Clerk's office.	Pepper	4.84	.....	.....	1.94	6.82	.....	12.80	8.46
28730	Chief Sanitary Inspector.	Pepper	Microscopical examination failed to show any adulterants.							

Teas, Coffees, Cocoas, etc., Vegetables Canned, Dried, etc., Commencing with Analysis 28061.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28137	James Butler, No. 314 Second avenue.	Cocoa, Peerless.	Total ash, 5.12 per cent.; soluble in water ash, 1.91 per cent.; insoluble in HCl ash, 0.20 per cent.; fat, 25.55 per cent.; crude fibre, 1.60 per cent.
28543	Henry Burdewick, No. 1539 Third avenue.	Dutch cocoa, Bemador's.	Moisture, 2.31 per cent.; ash, 9.92 per cent.; ether extract, 32.32 per cent.; cocoa shells none.
28683	Ruskel Brothers, West Thirtieth street.	Cocoa, Runkel's.	Cocoa shells none.
28684	Ruskel Brothers, West Thirtieth street.	Cocoa, Runkel's.	Cocoa shells none.
28674	Piasmon Cocoa Company, No. 52 Pearl street.	Cocoa, Piasmon.	Cocoa shells none; moisture, 3.66 per cent.; ash, 11.92 per cent.; ether extract, 11.67 per cent.
28251	James Butler, No. 1431 Third avenue.	Cocoa, Peerless.	Cocoa shells none; moisture, 3.80 per cent.; ash, 5.81 per cent.; ether extract, 18.30 per cent.; alkalinity of ash, 2.30 per cent.
29499	Commissioner's office.	Coffee (ground).	Moisture, 3.06 per cent.; fat, 9.36 per cent.; caffeine, 1.27 per cent.; ash, 4.83 per cent.; chicory and caramel none.
28052	L. J. Callaman, No. 43 Vesey street.	Coffee (ground).	Moisture, 2.5 per cent.; fat, 11.5 per cent.; caffeine, 1.3 per cent.; ash, 3.77 per cent.; ash soluble in water, 2.805 per cent.; ash insoluble in HCl none.
29381	Chief Clerk's office.	Coffee	Equal to standard submitted.
29411	Chief Clerk's office.	Coffee	Equal to standard submitted.
28527	Rose Bernfeld, No. 508 East Twelfth street.	Russian tea.	Heavy metals absent.
28061	C. F. Gennerich Company, No. 49 Harrison street.	Beans (stringless), Enterprise.	Salicylic, benzoic, boric acids or borates and saccharin none.
28143	Columbia Conserve Company, No. 247 West Broadway.	Beans (baked), Columbia.	Salicylic, benzoic, sulphurous acids, boric acid, saccharin, metals and artificial coloring matter none.
29050	Chief Clerk's office.	Beans (stringless), Hamburg.	Copper, nickel and zinc salts absent.
28059	C. F. Gennerich & Co., No. 49 Harrison street.	Peas (canned), Enterprise.	Salicylic, benzoic, boric acid or borates and saccharin absent.
28063	C. F. Gennerich & Co., No. 49 Harrison street.	Peas (canned), Enterprise.	Salicylic, benzoic, boric acid or borates and saccharin absent.
28146	James Butler, No. 1431 Third avenue.	Peas (canned), Ormond Castle.	Salicylic, benzoic, boric acid or borates and saccharin absent; iron trace; artificial color none.
28186	Great Atlantic and Pacific Tea Company, No. 108 First avenue.	Petit Pois, A. & P.	Copper sulphate, 0.02 per cent.
28286	A. Davey, No. 359 Greenwich street.	Petit Pois, Chas. Morel.	Copper sulphate, trace; salicylic, benzoic, boric acid or borates none.
28852	Frank Savarso, No. 1226 Second avenue.	Petit Pois.	Copper sulphate, equivalent to copper recovered, 0.0088 per cent.
29370	James Butler, No. 137 Lenox avenue.	Peas (canned), Ormond Castle.	Copper, nickel, lead and tin absent.
29834	J. Greenfield, No. 208 Forest avenue, Ridgewood.	Peas (canned), Heights Savor.	Poisonous metals, artificial matter and ptomaine absent.
28147	John Kirsch, No. 119 St. Nicholas avenue, Brooklyn.	Shrimp (pickled), Cotton Bale.	Physiological test on animals with the matter extracted from the shrimps and the shrimps themselves gave negative results.
29760	C. F. Gennerich & Co., No. 49 Harrison street.	Succotash (canned), Enterprise.	Salicylic, benzoic, boric acid or borates, sulphites and saccharin none.
29340	Dominick Savino, No. 971 Kitchin avenue.	Sugar corn (canned), Sweet Violet.	Sulphurous acid, saccharin and heavy metals absent.
28062	C. F. Gennerich & Co., No. 49 Harrison street.	Sugar corn (canned), Enterprise.	Salicylic, benzoic, boric acid or borates, sulphites and saccharin none.
29480	Department of Inspection.	Tomato paste.	Salicylic acid absent.
28048	James Butler, No. 304 Washington street.	Tomatoes (canned), Petite.	Salicylic, benzoic and boric acids or borates and artificial coloring (coal tar) none.
28184	C. F. Gennerich & Co., No. 49 Harrison street.	Tomatoes (canned), Enterprise.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28081	C. F. Gennerich & Co., No. 49 Harrison street.	Tomatoes (canned), Caroline's Favorite.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28085	C. F. Gennerich & Co., No. 49 Harrison street.	Tomatoes (canned), Ponderosa.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28168	Great Atlantic and Pacific Tea Company, No. 467 Second avenue.	Tomatoes (canned), Iowa.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28112	Great Atlantic and Pacific Tea Company, No. 774 Third avenue.	Tomatoes (canned), Saltana.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28115	Great Atlantic and Pacific Tea Company, No. 774 Third avenue.	Tomatoes (canned), A. & P.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28599	Chief Clerk's office.	Tomatoes (canned), Our Own.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
30211	F. H. Leggett & Co., West Broadway and Franklin street.	Tomatoes (canned), Empress.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30212	F. H. Leggett & Co., West Broadway and Franklin street.	Tomatoes (canned), Varick.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30213	F. H. Leggett & Co., West Broadway and Franklin street.	Tomatoes (canned), Epicurean.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30210	Austin, Nichols & Co., Hudson and Jay streets.	Tomatoes (canned), Sunbeam.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30211	Austin, Nichols & Co., Hudson and Jay streets.	Tomatoes (canned), Fancy Quality.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30212	R. C. Williams & Co., No. 60 Hudson street.	Tomatoes (canned), Our Cook's.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30214	R. C. Williams & Co., No. 60 Hudson street.	Tomatoes (canned), Royal Scarlet.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30215	R. C. Williams & Co., No. 60 Hudson street.	Tomatoes (canned), Bush's Hand.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30217	Seaman Brothers, No. 121 Hudson street.	Tomatoes (canned), Waverly.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30218	Seaman Brothers, No. 121 Hudson street.	Tomatoes (canned), Warfield.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30219	Seaman Brothers, No. 121 Hudson street.	Tomatoes (canned), White Rose.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30220	Seaman Brothers, No. 121 Hudson street.	Tomatoes (canned), Golden Rose.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30221	Seaman Brothers, No. 121 Hudson street.	Tomatoes (canned), Checker.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30222	M. E. Nellis & Co., No. 148 Franklin street.	Tomatoes (canned), Sale.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30223	M. E. Nellis & Co., No. 148 Franklin street.	Tomatoes (canned), Blanche.	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.

Miscellaneous.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30106	Sailors' Snug Harbor, Richmond.	Air	Carbon dioxide, 0.05 per cent.; sulphuric acid SO ₄ , by weight, 0.0066 per cent.; nitrogen oxygen compounds none.
30107	Sailors' Snug Harbor, Richmond.	Air	Carbon dioxide, 0.077 per cent.; sulphuric acid trace; nitrogen oxygen compounds and sulphuric acid none.
30108	Sailors' Snug Harbor, Richmond.	Air	Carbon dioxide, 0.04 per cent.; sulphuric acid trace; sulphurous acid none; nitrogen oxygen compound none.
30109	Sailors' Snug Harbor, Richmond.	Air	Carbon dioxide, 0.07 per cent.; sulphuric acid trace; sulphurous acid none; nitrogen oxygen compound none.
30110	Sailors' Snug Harbor, Richmond.	Air	Carbon dioxide, 0.07 per cent.; sulphuric acid trace; chlorine none; nitrogen oxygen compounds none.
30211	Department of Inspection.	Borax, 20-Mule Team.	Alkaline reaction. This would produce blue color with phenolphthalein.
30212	Kingston Avenue Hospital.	Brick	Silica, iron, aluminum, calcium, magnesium, potassium and sodium present; cerium absent.
30213	Kingston Avenue Hospital.	Brick	Same result as 30212.
30214	Chief Sanitary Inspector.	Carbon electrodes.	Sample contains in core a black powder of the composition of bone black. It contains magnesium, calcium, with sulphuric and phosphoric acids and carbonates. An aluminum wire runs through the electrodes.
30215	Chief Sanitary Inspector.	White powder.	Sample is a mixture of aluminum, calcium and magnesium, with sulphuric and phosphoric acids and carbonates.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
30428	Chief Sanitary Inspector.....	Electrodes, carbons and ashes.....	Duplicate samples of 30308 and 30309.
30429	Bloomington Brothers, Fifty-ninth street and Third avenue.....	Schem's cocoanut.....	Sulphites none.
30423	James Butler, No. 1043 Second avenue.....	Cocoanut, Peerless.....	Sulphites none.
30424	A. Davey, No. 1063 Second avenue.....	Cocoanut, Royal.....	Sulphites none.
30425	J. Holsten, No. 238 East Fifty-sixth street.....	Cocoanut, Dunham's.....	Sulphites none.
30427	Store, No. 407 East Fourteenth street.....	Cocoanut, Schenn's.....	Sulphites none.
30392	Fourteenth Street Store, Fourteenth street and Sixth avenue.....	Cocoanut.....	Sulphites none.
30492	F. Freierhamen, No. 613 Ninth avenue.....	Cocoanut, Dunham's.....	Sulphites none.
30421	A. Baumann Brothers, No. 1479 Third avenue.....	Feathers and silk floss.....	Arsenic none.
30422	Max Englander, No. 141 Seventh avenue.....	Feathers and silk floss.....	Arsenic none.
28205	James Butler, No. 412 Second avenue.....	Gelatine, Peerless.....	Sulphites present.
28206	Great Atlantic and Pacific Tea Company, No. 198 First avenue.....	Gelatine, A. & P.....	Sulphites present.
28782	Milligan & Higgins, No. 222 Front street.....	Gelatine.....	Sample contains 0.064 per cent. anhydrous sulphurous acid SO ₂ .
28789	Milligan & Higgins, No. 222 Front street.....	Gelatine.....	Sample contains 0.139 per cent. anhydrous sulphurous acid SO ₂ .
28790	Milligan & Higgins, No. 222 Front street.....	Gelatine.....	Sample contains 0.069 per cent. anhydrous sulphurous acid SO ₂ .
28791	Milligan & Higgins, No. 222 Front street.....	Gelatine.....	Sample contains 0.128 per cent. anhydrous sulphurous acid SO ₂ .
28805	Park & Tilford, No. 917 Broadway.....	Gelatine, Cox's.....	Sample contains 0.037 per cent. anhydrous sulphurous acid SO ₂ .
28806	Park & Tilford, No. 917 Broadway.....	Gelatine, Knox's.....	Sample contains 0.079 per cent. anhydrous sulphurous acid SO ₂ .
28813	Peter Cooper Glue Company, No. 13 Burling slip.....	Gelatine.....	Sample contains 0.04 per cent. anhydrous sulphurous acid SO ₂ .
28814	Peter Cooper Glue Company, No. 13 Burling slip.....	Gelatine.....	Sample contains 0.029 per cent. anhydrous sulphurous acid SO ₂ .
28815	Peter Cooper Glue Company, No. 13 Burling slip.....	Gelatine.....	Sample contains 0.024 per cent. anhydrous sulphurous acid SO ₂ .
28825	Fred. Korte, No. 415 Third avenue.....	Gelatine.....	Sample contains 0.089 per cent. anhydrous sulphurous acid SO ₂ .
28825	Storeroom, Chemical Laboratory.....	Gelatine, Comte fil.....	Sample contains 0.092 per cent. anhydrous sulphurous acid SO ₂ .
29373	Henry Kalchem, No. 194 Duane street.....	Liquid eggs.....	Formaldehyde, sulphites, boric acid or borates and fluorides absent.
29385	National Biscuit Company, No. 403 West Fifteenth street.....	Liquid eggs.....	Formaldehyde, sulphites, boric acid or borates and fluorides absent; somewhat decomposed.
29735	Phoenix Cheese Company, New York.....	Liquid eggs.....	Sulphites, boric acid and fluorides, none; not decomposed.
30477	H. Sloan, No. 21 Jay street.....	Liquid eggs.....	Fluorides, boric acid, none; no decomposition.
30498	Drake Brothers, No. 1006 Wallabout Market, Brooklyn.....	Liquid eggs.....	Fluorides, boric acid, none; no decomposition.
30571	Brown & Rittenhouse, No. 139 Reade street.....	Liquid eggs.....	Boric acid or borates, hydrofluoric acid or fluorides, none.
27124	Dr. J. S. Billings, Jr.....	Medicinal chloride of iridium.....	Iridium, none; iron present.
27242	Dr. J. S. Billings, Jr.....	Medicinal chloride of iridium.....	Iridium, none; iron present.
27243	Dr. J. S. Billings, Jr.....	Medicinal chloride of iridium.....	Iridium, none; iron present.
29310	Sam Lee, No. 254 1/2 Seventh avenue.....	Opium.....	Contains opium.
29327	Wah Lee, No. 206 West Twenty-eighth street.....	Opium.....	Contains opium.
29392	Chief Sanitary Inspector.....	Powder (reddish).....	Composed of carbonates of calcium and magnesium; colored with ferric oxide; free from heavy poisonous metals.
30348	Store, No. 407 East Fourteenth street.....	Alpha home pudding (cocoanut rice).....	Sulphites, none.
30394	Siegel-Cooper Company, Sixth avenue and Eighth street.....	Pudding (plum).....	Poisonous metals, salicylic, benzoic and loric acids absent.
30394	Siegel-Cooper Company, Sixth avenue and Eighth street.....	Plum pudding, Richardson's & Robbins.....	Poisonous metals, salicylic, benzoic and loric acids absent.
29649	Dr. Billings.....	Scrappings from walls and ceilings of room.....	Arsenic, none.
28263	Hess Brothers, No. 302 West Thirtieth street.....	Shellac.....	Free from wood alcohol.
28264	Groek American Confectionery Company, No. 9 Marion street.....	Shellac.....	Free from wood alcohol.
28265	Hawley & Hoops, No. 257 Mulberry street.....	Shellac.....	Free from wood alcohol.
27966	Metropolitan Hardware Company, Vesey and Church streets.....	Silver polish, Argentina.....	Sample contains 1.88 per cent. potassium cyanide.
27987	Chief Sanitary Inspector.....	White cleaning powder, Argentina.....	Sample contains 3.07 per cent. potassium cyanide.
27968	Chief Sanitary Inspector.....	Wanamaker's silver polish.....	Potassium cyanide absent.
27969	Chief Sanitary Inspector.....	White powder.....	Potassium cyanide absent.
30010	Dr. Braisted.....	Stomach and liver sect. (of horse).....	Arsenic present.
28578	Dr. H. M. Biggs.....	Urine.....	Sugar, none.
28596	Henry Steinert.....	Urine.....	Sugar, none; albumin, none; specific gravity, 1.022 per cent.
28732	Dr. Guilfoyle.....	Urine.....	Albumin, uric acids and pus casts present.
28927	Dr. Sackwell.....	Urine.....	Specific gravity, 1.013 per cent.; urea, 0.80 per cent.
30030	Sailors' Snug Harbor, Richmond.....	Vegetation leaves.....	Copper and arsenic deposits, none; sulphuric acid deposits present.
30065	Sailors' Snug Harbor, Richmond.....	Vegetation leaves.....	Copper and arsenic deposits, none; sulphuric acid deposits present.
30086	Sailors' Snug Harbor, Richmond.....	Vegetation leaves.....	Arsenic and copper, none; sulphuric acid as SO ₂ , 0.18 per cent.
30137	Sailors' Snug Harbor, Richmond.....	Soil.....	Arsenic, none; sulphuric acid as SO ₂ , 0.0073 per cent.
30139	Sailors' Snug Harbor, Richmond.....	Vegetation leaves.....	Arsenic, none; sulphuric acid as SO ₂ , 0.19 per cent.
30140	Sailors' Snug Harbor, Richmond.....	Vegetation leaves.....	Arsenic, none; sulphuric acid as SO ₂ , 0.22 per cent.
30029	Sailors' Snug Harbor, Richmond.....	Vegetation grass.....	Copper and arsenic deposits, none; sulphuric acid deposits present.
30064	Sailors' Snug Harbor, Richmond.....	Vegetation grass.....	Copper and arsenic deposits, none; sulphuric acid deposits present.
30087	Sailors' Snug Harbor, Richmond.....	Vegetation grass.....	Copper and arsenic, none; sulphuric acid as SO ₂ , 0.7 per cent.
30138	Sailors' Snug Harbor, Richmond.....	Vegetation grass.....	Arsenic, none; sulphuric acid as SO ₂ , 0.24 per cent.
30306	Dr. Studdiford.....	Vomit.....	Sample yields haemin crystals; contains blood.
28998	Commissioner's office.....	Wall paper.....	Alkaloids and poisonous metals, none.
28999	Commissioner's office.....	Wall paper from room.....	Alkaloids and poisonous metals, none.
30310	Inspector Kirchoff, Department of Inspection.....	Water, colored.....	Color reacts in a similar manner to phenolphthalein.
29921	Inspector Norton, Department of Inspection.....	Wood paving block (split).....	Water absorbed during 24 hours, 32.90 per cent.; specific gravity greater than water.
29922	Inspector Norton, Department of Inspection.....	Wood paving block.....	Water absorbed during 24 hours, 21.30 per cent.; specific gravity greater than water.
29748	No. 80 Cary avenue, Borough of Richmond.....	Water (special).....	Sample contains no lithium.
29749	No. 80 Cary avenue, Borough of Richmond.....	Water (special).....	Sample contains no lithium.
29750	No. 80 Cary avenue, Borough of Richmond.....	Water (special).....	Sample contains no lithium.
29751	No. 80 Cary avenue, Borough of Richmond.....	Water (special).....	Sample contains no lithium.
29752	No. 80 Cary avenue, Borough of Richmond.....	Water (special).....	Sample contains no lithium.
29174	Mr. Scheffer.....	Effluent from sewage disposal plant.....	Figures represent parts per 100,000; appearance, slightly turbid; color, none; odor, slightly marshy; chlorine in chlorides, 10.009, equivalent to NaCl, 16.480; phosphates, none; nitrogen in nitrates, 0.0400; nitrogen in nitrites, 0.6000; free ammonia, 0.0025; albuminoid ammonia, 0.0025; total hardness, 9.00; permanent hardness, 5.00; organic and volatile matter, 6.20; mineral matter, 21.20; total solids, 27.40.

SAMPLES SUBMITTED BY OTHER DEPARTMENTS,
Bellevue Hospital.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28302	Bellevue Hospital.	Mustard	Moisture, 5.91 per cent.; total ash, 6.36 per cent.; ash water solution, 0.26 per cent.; ash HCl in solution, 0.38 per cent.; volatile ether ext., none; non-volatile ether ext., 16.12 per cent.; turmeric, none.
28303	Bellevue Hospital.	Baking powder	Available carbon dioxide, 11.45 per cent.; sample is a tartrate powder.
28304	Bellevue Hospital.	Corn starch	Microscopic examination shows sample to be unadulterated.
28327	Bellevue Hospital.	Brown soap	Moisture, 28.53 per cent.; free alkali, 0.10 per cent.; resin, 22.73 per cent.
28447	Bellevue Hospital.	Washing soda	Anhydrous sodium carbonate, 75.26 per cent.
29495	Bellevue Hospital.	Soap	Moisture, 26.20 per cent.; free alkali, trace; resin, 24.96 per cent.
28675	Bellevue Hospital.	Soda, Wyandotte	Alkalinity calculated as sodium carbonate, 67.50 per cent.
28676	Bellevue Hospital.	Washing soda, Herral	Alkalinity calculated as sodium carbonate, 85.50 per cent.
28762	Bellevue Hospital.	Washing soda, Wyandotte	Sodium bicarbonate, 54.89 per cent.; sodium carbonate, 29.86 per cent.; sodium chloride, trace.
28763	Bellevue Hospital.	Washing soda, Herral	Sodium bicarbonate, 45.61 per cent.; sodium carbonate, 41.18 per cent.; sodium chloride, trace.
28816	Bellevue Hospital.	Sweet oil	Cottonseed oil, none; iodine number, 80.85 per cent.; sample is pure olive oil.
29898	Bellevue Hospital.	Cream	Borax, formaldehyde and artificial color, none.

Bureau of Public Buildings and Offices.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29367	Bureau of Public Buildings and Offices.	Oil soap, lubricating	Moisture, 41.06 per cent.; free alkali, none; total alkali (Na ₂ O), 5.74 per cent.; fatty anhydrid, 47.90 per cent.
29368	Bureau of Public Buildings and Offices.	Oil soap, lubricating	Moisture, 45.27 per cent.; free alkali, none; total alkaline (Na ₂ O), 8.99 per cent.; fatty anhydrid, 42.89 per cent.
29369	Bureau of Public Buildings and Offices.	Oil soap, lubricating	Moisture, 42.95 per cent.; free alkali, trace; total alkali (Na ₂ O), 8.53 per cent.; fatty anhydrid, 43.20 per cent.
29370	Bureau of Public Buildings and Offices.	Oil soap, lubricating	Moisture, 43.45 per cent.; free alkali, trace; total alkali (Na ₂ O), 5.89 per cent.; fatty anhydrid, 48.91 per cent.
29371	Bureau of Public Buildings and Offices.	Oil soap, lubricating	Moisture, 43.61 per cent.; free alkali, none; total alkali (Na ₂ O), 7.44 per cent.; fatty anhydrid, 48.24 per cent.
29372	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 38.14 per cent.; free alkali, none; total alkali (Na ₂ O), 10.34 per cent.; fatty anhydrid, 48.27 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free, none.
29352	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 40.03 per cent.; free alkali, none; total alkali (Na ₂ O), 5.74 per cent.; fatty anhydrid, 47.12 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free, none.
29353	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 44.61 per cent.; free alkali, none; total alkali (Na ₂ O), 6.82 per cent.; fatty anhydrid, 44.46 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free, none.
29274	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 43.08 per cent.; free alkali, none; total alkali (Na ₂ O), 9.46 per cent.; fatty anhydrid, 45.92 per cent.; carbonated alkali, 0.21 per cent.; free fatty acid, none.
29255	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 43.27 per cent.; free alkali, trace; total alkali (Na ₂ O), 5.74 per cent.; fatty anhydrid, 46.89 per cent.; carbonated alkali, 0.21 per cent.; fatty acid free, none.
29256	Bureau of Public Buildings and Offices.	Oil soap, jelly	Moisture, 43.57 per cent.; free alkali, trace; total alkali (Na ₂ O), 7.44 per cent.; fatty anhydrid, 45.41 per cent.; carbonated alkali, 0.21 per cent.; fatty acid free, none.
29264	Bureau of Public Buildings and Offices.	Soap bleach	Sodium hypochlorite, 2.20 per cent.
29264	Bureau of Public Buildings and Offices.	Soap bleach	Sodium hypochlorite, 1.36 per cent.
29265	Bureau of Public Buildings and Offices.	Soap bleach	Sodium hypochlorite, 1.93 per cent.
29266	Bureau of Public Buildings and Offices.	Soap bleach	Sodium hypochlorite, 2.25 per cent.
29257	Bureau of Public Buildings and Offices.	Soap powder	Moisture, 11.50 per cent.; soda ash, 37.77 per cent.; fatty anhydrid, 28.01 per cent.; free alkali, none.
29258	Bureau of Public Buildings and Offices.	Soap powder	Moisture, 30.98 per cent.; soda ash, 37.90 per cent.; fatty anhydrid, 32.02 per cent.; free alkali, none.
29259	Bureau of Public Buildings and Offices.	Soap powder	Moisture, 2.75 per cent.; soda ash, 11.40 per cent.; fatty anhydrid, 86.08 per cent.; free alkali, none.
29260	Bureau of Public Buildings and Offices.	Soap powder	Moisture, 13.48 per cent.; soda ash, 44.38 per cent.; fatty anhydrid, 38.95 per cent.; free alkali, none.
29261	Bureau of Public Buildings and Offices.	Soap powder	Moisture, 11.89 per cent.; soda ash, 60.43 per cent.; fatty anhydrid, 17.30 per cent.; free alkali, none.
29262	Bureau of Public Buildings and Offices.	Soap bleach	Moisture, 18.40 per cent.; soda ash, 65.46 per cent.; fatty anhydrid, 16.12 per cent.; free alkali, none.

Coroners' Office.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
27028	Coroners' office.	Vomit in jar	Mercury absent.
27512	Coroners' office.	Portion of body in jar	Alkaloids and poisonous metals absent.
27863	Coroners' office.	Candy	Volatile, vegetable and mineral poisons absent.
27864	Coroners' office.	Stomach contents	Volatile, vegetable and mineral poisons absent.

District Attorney's Office.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28359	District Attorney's office.	Box containing pills	Pills contain a salt of morphine; no calome] present.
28775	District Attorney's office.	Pink salve in jar	Sample contains no poisonous metals.

Department of Education.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28276	Department of Education.	Coal	Moisture, 2.18 per cent.; volatile and combustible matter, 6.76 per cent.; fixed carbon, 78.43 per cent.; ash, 12.63 per cent.
28354	Department of Education.	Oil soap	Moisture, 40.28 per cent.; free alkali, none; carbonated alkali, 0.22 per cent.; free fatty acid, as oleic acid, 0.59 per cent.
2828A	Department of Education.	Muriatic acid	Hydrochloric acid, 28.37 per cent.
2828B	Department of Education.	Muriatic acid	Hydrochloric acid, 33.51 per cent.

Department of Street Cleaning.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28354	Department of Street Cleaning.	Paint	Lead, zinc and calcium present; no mineral oil.
28355	Department of Street Cleaning.	Paint	Lead, zinc and calcium present; no mineral oil; barium, trace.
29288	Department of Street Cleaning.	Ashes	Soluble phosphate, none; citrate insoluble phosphates, 0.91 per cent.; total phosphates, 1.32 per cent.; potash, 1.64 per cent.; nitrogen, 1.85 per cent.

Fire Department.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29111	Fire Department.	Soap powder.	Moisture, 11.05 per cent.; free alkali, trace; total alkali (Na ₂ CO ₃), 64.93 per cent.; fatty acids, 2.11 per cent.
29112	Fire Department.	Soap powder.	Moisture, 32.14 per cent.; free alkali, trace; total alkali (Na ₂ CO ₃), 7.20 per cent.; fatty acids, 3.28 per cent.
29514	Fire Department.	Soap powder.	Moisture, 11.31 per cent.; free alkali, trace; total soda ash, 36.51 per cent.; fatty anhy., 24.18 per cent.
29515	Fire Department.	Soap powder.	Moisture, 11.75 per cent.; free alkali, trace; soda ash, 36.18 per cent.; fatty anhy., 21.73 per cent.

The New York Eye and Ear Infirmary.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28537	New York Eye and Ear Infirmary.	Urine	Sample does not contain any bile pigment; sediment is due to the presence of phosphates.

Trachoma Hospital.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
28529	Trachoma Hospital.	Jam	Salicylic, benzoic, boric acids, artificial coloring matter and glucose, none; cane sugar, 19.9 per cent.
28560	Trachoma Hospital.	Nitrous oxide.	Nitrous oxide, 100.0 per cent.; slight excess above 100 per cent, is due to slight leakage in apparatus.

Police Department.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29177	Police Department.	Envelope containing bottle.	Vegetable alkaloids and poisonous metals, none.
29178	Police Department.	Envelope containing bottle.	Bottle empty; no analysis made.
29379	Police Department.	Envelope containing bottle.	Strychnine present.
28005	Police Department.	Case containing vials.	Vials contain, as marked, trional, tincture of opium, cocaine, sulphate of morphine, carbonic acid, morphine and atropine.
28622	Police Department.	Bran-like substance.	Arsenic present in large quantities.
29285	Police Department.	White crystals.	Sample contains cocaine.
30165	Police Department.	White crystalline substance.	Sample is chloral hydrate.
30166	Police Department.	White crystalline substance.	Sample is chloral hydrate.
30228	Police Department.	White crystals.	Sample is cocaine hydrochlorate.
30229	Police Department.	White crystals.	Sample is cocaine hydrochlorate.
30399	Police Department.	White crystals.	Sample is cocaine hydrochlorate.
30400	Police Department.	White crystals.	Sample is cocaine hydrochlorate.
30410	Police Department.	White crystalline substance.	Sample is cocaine hydrochlorate.
30584	Police Department.	White crystals.	Sample is cocaine hydrochlorate.
28358	Police Department.	Two glasses (residue).	Chloral hydrate absent.
28305	Police Department.	Bottle containing liquid.	Alcohol by weight, 26.34 per cent.; alcohol by volume, 31.93 per cent.
28306	Police Department.	Bottle containing liquid.	Alcohol by weight, 31.00 per cent.; alcohol by volume, 37.42 per cent.
28351	Police Department.	Bottle containing liquid.	Alcohol by weight, 36.96 per cent.; alcohol by volume, 44.06 per cent.
28352	Police Department.	Bottle containing liquid.	Alcohol by weight, 36.87 per cent.; alcohol by volume, 43.37 per cent.
28470	Police Department.	Bottle containing liquid.	Alcohol by weight, 23.20 per cent.; alcohol by volume, 28.31 per cent.
28471	Police Department.	Bottle containing liquid.	Alcohol by weight, 37.42 per cent.; alcohol by volume, 44.67 per cent.
28677	Police Department.	Bottle containing liquid.	Alcohol by weight, 9.27 per cent.; alcohol by volume, 11.70 per cent.
28761	Police Department.	Bottle containing liquid.	Alcohol by weight, 4.18 per cent.; alcohol by volume, 5.32 per cent.
28773	Police Department.	Bottle containing liquid.	Alkaloids and arsenic, none.
28539	Police Department.	Bottle containing liquid.	Aloes, all of wintergreen, alcohol and sugar present.
28560	Police Department.	Bottle containing liquid.	Aloes, all of wintergreen, alcohol and sugar present.
28913	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.50 per cent.; alcohol by volume, 4.49 per cent.
28903	Police Department.	Bottle containing liquid.	Alcohol by weight, 6.66 per cent.; alcohol by volume, 8.24 per cent.
29194	Police Department.	Bottle containing liquid.	Alcohol by weight, 7.94 per cent.; alcohol by volume, 10.12 per cent.
29227	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.26 per cent.; alcohol by volume, 4.27 per cent.
29228	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.02 per cent.; alcohol by volume, 4.05 per cent.
29229	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.91 per cent.; alcohol by volume, 5.00 per cent.
29230	Police Department.	Bottle containing liquid.	Alcohol by weight, 2.94 per cent.; alcohol by volume, 3.76 per cent.
29291	Police Department.	Bottle containing liquid.	Contains aconitine.
29316	Police Department.	Bottle containing liquid.	Vegetable and mineral poisons absent.
29376	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.97 per cent.; alcohol by volume, 5.03 per cent.
29384	Police Department.	Bottle containing liquid.	Alcohol by weight, 42.67 per cent.; alcohol by volume, 35.94 per cent.
29386	Police Department.	Bottle containing liquid.	Alcohol by weight, 37.59 per cent.; alcohol by volume, 44.79 per cent.
29410	Police Department.	Bottle containing liquid.	Alcohol by weight, 37.74 per cent.; alcohol by volume, 44.86 per cent.
29414	Police Department.	Bottle containing liquid.	Sample is chloroform.
29488	Police Department.	Bottle containing liquid.	Alcohol by weight, 14.23 per cent.; alcohol by volume, 18.03 per cent.
29496	Police Department.	Bottle containing liquid.	Alcohol by weight, 6.17 per cent.; alcohol by volume, 7.92 per cent.
29519	Police Department.	Bottle containing liquid.	Alcohol by weight, 34.38 per cent.; alcohol by volume, 41.16 per cent.
29520	Police Department.	Bottle containing liquid.	Alcohol by weight, 3.37 per cent.; alcohol by volume, 4.36 per cent.
29521	Police Department.	Bottle containing liquid.	Mixture contains chloroform 96 parts, and water 4 parts.
29544	Police Department.	Bottle containing liquid.	Alcohol, by weight, 11.81 per cent.; alcohol, by volume, 30.86 per cent.
29560	Police Department.	Bottle containing liquid.	Alcohol, by weight, 37.41 per cent.; alcohol, by volume, 44.67 per cent.
29561	Police Department.	Bottle containing liquid.	Alcohol, by weight, 39.08 per cent.; alcohol, by volume, 46.80 per cent.
29572	Police Department.	Bottle containing liquid.	Alcohol, by weight, 6.12 per cent.; alcohol, by volume, 7.74 per cent.
29576	Police Department.	Bottle containing liquid.	Liquid has odor of laudanum.
29577	Police Department.	Bottle containing liquid.	Vegetable alkaloids and poisonous metals absent.
29595	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.93 per cent.; alcohol, by volume, 4.34 per cent.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29596	Police Department.	Bottle containing liquid.	Alcohol, by weight, 34.89 per cent.; alcohol, by volume, 41.26 per cent.
29597	Police Department.	Bottle containing liquid.	Alcohol, by weight, 4.22 per cent.; alcohol, by volume, 5.39 per cent.
29598	Police Department.	Bottle containing liquid.	Alcohol, by weight, 34.31 per cent.; alcohol, by volume, 41.11 per cent.
29599	Police Department.	Bottle containing liquid.	Alcohol, by weight, 47.21 per cent.; alcohol, by volume, 49.07 per cent.
29656	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.94 per cent.; alcohol, by volume, 5.00 per cent.
29677	Police Department.	Bottle containing liquid.	Alcohol, by weight, 2.96 per cent.; alcohol, by volume, 3.90 per cent.
29687	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.42 per cent.; alcohol, by volume, 4.34 per cent.
29688	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.48 per cent.; alcohol, by volume, 4.42 per cent.
29700	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.59 per cent.; alcohol, by volume, 4.54 per cent.
29701	Police Department.	Bottle containing liquid.	Alcohol, by weight, 4.21 per cent.; alcohol, by volume, 5.39 per cent.
29732	Police Department.	Bottle containing liquid.	Alcohol, by weight, 29.68 per cent.; alcohol, by volume, 35.97 per cent.
29741	Police Department.	Bottle containing liquid.	Alcohol, by weight, 21.46 per cent.; alcohol, by volume, 27.90 per cent.
29742	Police Department.	Bottle containing liquid.	Alcohol, by weight, 13.05 per cent.; alcohol, by volume, 16.80 per cent.
29757	Police Department.	Bottle containing liquid.	Sample contains chloral hydrate.
29784	Police Department.	Bottle containing liquid.	Alcohol, by weight, 30.53 per cent.; alcohol, by volume, 36.89 per cent.
29788	Police Department.	Bottle containing liquid.	Alcohol, by weight, 37.50 per cent.; alcohol, by volume, 44.61 per cent.
29791	Police Department.	Bottle containing liquid.	Alcohol, by weight, 2.82 per cent.; alcohol, by volume, 3.62 per cent.
29812	Police Department.	Bottle containing liquid.	Alcohol, by weight, 2.94 per cent.; alcohol, by volume, 3.70 per cent.
29865	Police Department.	Bottle containing liquid.	Alcohol, by weight, 27.03 per cent.; alcohol, by volume, 34.33 per cent.
29887	Police Department.	Bottle containing liquid.	Morphine, cocaine and chloral hydrate absent.
29888	Police Department.	Bottle containing liquid.	Morphine, cocaine and chloral hydrate absent.
29894	Police Department.	Bottle containing liquid.	Alcohol, by weight, 36.63 per cent.; alcohol, by volume, 43.69 per cent.
29906	Police Department.	Bottle containing liquid.	Alcohol, by weight, 38.17 per cent.; alcohol, by volume, 45.77 per cent.
29945	Police Department.	Bottle containing liquid.	Arsenic absent; sediment shows the presence of yeast cells.
30030	Police Department.	Bottle containing liquid.	Alcohol, by weight, 35.60 per cent.; alcohol, by volume, 42.51 per cent.
30142	Police Department.	Bottle containing liquid.	Alcohol, by weight, 2.99 per cent.; alcohol, by volume, 3.83 per cent.
30197	Police Department.	Bottle containing liquid.	Vegetable alkaloids and mineral poisons absent.
30138	Police Department.	Bottle containing liquid.	Sample contains 0.75 per cent. carbonic acid.
30214	Police Department.	Bottle containing liquid.	Alcohol, by weight, 29.34 per cent.; alcohol, by volume, 35.43 per cent.
30287	Police Department.	Bottle containing liquid.	Sample is chloroform.
30401	Police Department.	Bottle containing liquid.	Sample contains cocaine.
30441	Police Department.	Bottle containing liquid.	Alcohol, by weight, 3.33 per cent.; alcohol, by volume, 4.27 per cent.
30446	Police Department.	Bottle containing liquid.	Alcohol, by weight, 2.31 per cent.; alcohol, by volume, 2.94 per cent.
30489	Police Department.	Bottle containing liquid.	Mineral and vegetable poisons absent.
30511	Police Department.	Bottle containing liquid.	Alcohol, by weight, 30.34 per cent.; alcohol, by volume, 36.57 per cent.
28772	Police Department.	Meat substance.	Alkaloids and arsenic absent.
28811A	Police Department.	Chopped meat.	½ ounce of chopped meat contains 0.469 grains strychnine.
28811B	Police Department.	Chopped meat.	½ ounce of chopped meat contains 0.379 grains strychnine.
28812	Police Department.	Sausage.	2 ounces of sausage contains 0.150 grains strychnine.
29611	Police Department.	Ham.	Free from ptomaine.
29279	Police Department.	One pair trousers.	Blood is not present.
29279A	Police Department.	One pair shoes.	Blood is not present.
29279B	Police Department.	One shirt.	Blood is not present.
29279C	Police Department.	One shirt.	Blood is not present.
29612	Police Department.	Clothes (marked A).	Gonococci not present.
29613	Police Department.	Clothes (marked B).	Gonococci not present.
29614	Police Department.	Clothes (marked C).	Sample appears to be stained with menstrual blood.
29631	Police Department.	One sheet.	Spermatozoa absent.
29693	Police Department.	Scrappings from person.	Microscopical examination showed presence of blood.
29696	Police Department.	Scrappings from person.	Microscopical examination did not show presence of blood.
29697	Police Department.	Scrappings from person.	Microscopical examination did not show presence of blood.
27508	Police Department.	Red-brown spots on roll of paper.	Hæmin crystal, none; red brown spots are not blood.
28162	Police Department.	Pills.	Pills contain morphine.
28861	Police Department.	Pills.	Pills contain aloes.
29293	Police Department.	Pills.	Pills contain aloes.
27602	Police Department.	Box containing powders.	Atropine absent.
28728	Police Department.	Box containing powders.	Sample contains cantharis vesicatoria (Spanish flies).
29678	Police Department.	White powder.	Same is cocaine hydrochlorate.
29692A	Police Department.	White powder.	Contains morphine sulphate.
29692B	Police Department.	White powder.	Contains mercuric chloride powder.
29724	Police Department.	White powder.	Sample is naphthalene.
29886	Police Department.	White powder.	Sample contains cocaine.
29949	Police Department.	White powder.	Sample is cocaine hydrochlorate.
30027	Police Department.	White powder.	Sample does not contain cocaine.
30313	Police Department.	White powder.	Sample contains cocaine hydrochlorate.
30407	Police Department.	White powder.	Sample does not contain cocaine.
30402	Police Department.	White powder.	Sample does not contain cocaine.
30403	Police Department.	White powder.	Sample contains cocaine.
30406	Police Department.	White powder.	Sample is morphine sulphate.
30408	Police Department.	White powder.	Sample does not contain cocaine.
30409	Police Department.	Six bottles contain trace of white powder (marked respectively A, B, C, D, E, F). Two boxes contain trace of white powder (marked A and B).	Samples A, B, C, E and F are cocaine hydrochlorate; sample D contains cocaine.
28174	Police Department.	Brown substance.	Samples A and B are cocaine hydrochloride.
28605	Police Department.	Brown substance.	Sample is a preparation of opium, containing more than 2 grains opium to the ounce.
28823	Police Department.	Brown substance.	Meconic acid and morphine present; sample is a preparation of opium.
28894	Police Department.	Brown substance.	Meconic acid and morphine present; sample is a preparation of opium.
28898	Police Department.	Brown substance.	Meconic acid and morphine present; sample is a preparation of opium.
29023	Police Department.	Brown substance.	Meconic acid and morphine present; sample is a preparation of opium.
29074	Police Department.	Brown substance.	Meconic acid present; sample is a preparation of opium.
29127	Police Department.	Brown substance.	Meconic acid present; sample is a preparation of opium.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29133	Police Department	Brown substance	Meconic acid present; sample is a preparation of opium.
29143	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29223	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29290	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29342	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29385	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29404	Police Department	Black substance	Sample contains opium.
29838	Police Department	Brown substance	Sample is a preparation of opium.
29869	Police Department	White substance	Alkaloids and arsenic absent.
28770	Police Department	Brown substance	Alkaloids and arsenic absent.
28771	Police Department	White substance	Alkaloids and arsenic absent.
29499	Police Department	Blue substance	Weight of sample, 4.115 gm., or 53.4 grains; phosphorus, 0.34 per cent.; phosphorous, 13.9 mg.; phosphorous, 21/100 grains.
29134	Police Department	Tablets	Tablets contain a salt of morphine; chloral hydrate, none.
29292	Police Department	Tablets	Tablets contain cocaine.
29294	Police Department	Tablets	Tablets contain cocaine.
29401	Police Department	White tablets	Sample does not contain cocaine.
29623	Police Department	Vomit in bottle	Atropine absent.

Department of Correction.

Analysis No.	From Whom Received.	Samples and Brand.	Results.
29528	Department of Correction	Pearline, Jas. Pyle's	Moisture, 26.30 per cent.
29529	Department of Correction	Soap powder	Moisture, 14.45 per cent.

TABLE 79.

Chemical Laboratory—Number of Half Days of Attendance at Court, 1907.

	Department of Health.	Police Department.	U. S. Government.
January	9	2	..
February	12	2	..
March	10	5	..
April	9	6	..
May	14	2	..
June	14	4	..
July	6	2	4
August	6	2	..
September	3	4	..
October	19	1	..
November	10	16	..
December	15	22	..
Total	136	84	4

Division of Hospitals.

The group of hospitals for contagious diseases and for tuberculosis which are under the control of the Department of Health now comprises the following institutions:

In the Borough of Manhattan—The Reception Hospital (for the reception, diagnosis and temporary treatment of contagious diseases), the Willard Parker Hospital (for diphtheria), and the Scarlet Fever Hospital.

In the Borough of Brooklyn—The Kingston Avenue Hospital (for contagious diseases).

In the Borough of The Bronx, on North Brother Island—The Riverside Hospital (for contagious diseases, and for pulmonary tuberculosis).

The work of these hospitals is summarized in a set of tables herewith given, each hospital being represented by three tables. The first table shows the general statement

of the hospital, exhibiting the total number of patients treated for each disease, the number discharged, the number of deaths, and of patients remaining in the institutions at the close of the year. The second set of tables summarizes the services rendered by each hospital, giving in detail for each disease and in summary for the institution the total number of "patient-days" (number of patients multiplied by number of days of treatment) and furthermore, the average number of patients per day during the year; the lowest and highest number of patients per day, and the average number of days during which patients received treatment. In addition, these tables give also the number of persons under observation and the number of parents, etc., accompanying patients, as well as the number of days' board received by such persons.

The third set of tables deals with the case-fatality of the different institutions. Here the death rates for each disease, and for each age-group, among the patients affected are tabulated. In addition, account is taken of the fatality of each disease, according to the time of admission; in other words, according to the number of days of illness which had elapsed before the patient was admitted to the hospital. In this way the mortality is shown in the light of the conditions under which cases are treated in the Hospitals of the Department, and a fairer estimate of results can thus be made. In order to make these mortality figures still more accurately representative of the work of the institutions under review, the deaths occurring within forty-eight hours after admission have been excluded from the tables of case-fatality. As many patients are necessarily sent to these public hospitals in a moribund condition, it would not be fair to charge these institutions with the added mortality which such transfers of dying patients produce.

A number of improvements were made during the year in the various hospitals of the Department. The Reception Hospital has been thoroughly overhauled as to its plumbing, its grounds were paved and regraded, its interior painted and its roofs repaired and freshly painted.

At the Kingston Avenue Hospital a new morgue was completed and there were under construction at the close of the year a new Measles Pavilion, a new wing to the Nurses' Home, and a new iron fence on Winthrop street and Kingston avenue. The hospital employees have also made many important repairs and improvements at this institution during the year. This included the rebuilding of some rooms in the Administration Building and painting the inside and outside of the cottages as well as Pavilions No. 4 and No. 6; the painting of all metal roofs, and the grading and making of one thousand feet of roadway.

At Riverside Hospital the Department employees graded and paved the roadway from the dock to the kitchen building, changed the veranda on the south end of Pavilion No. 1 to a solarium, and repaired and painted Cottages No. 1 and No. 2, as well as Pavilions No. 4 and No. 10. An extension to the laundry of this hospital was under construction at the close of the year. When completed, this laundry will be adequate for the demands of the hospital for many years.

RECEPTION HOSPITAL.

TABLE 80.

General Statement, 1907.

	Remaining December 31, 1906.	Patients.										Remaining December 31, 1907.
		New.	Admitted.		Total Patients Treated.	Discharged.	Died.	Transferred To.				
			Transferred From Hospital.	Number.				Hospital.	Number.			
Diphtheria	2	67	Riverside	6	98	40	25	Willard Parker	42	3		
			Willard Parker	23				Riverside	6			
Scarlet fever	8	65	Riverside	5	86	38	12	Riverside	4	4		
			Willard Parker	8				Willard Parker	19			
								Kingston Avenue	9			
Measles	..	500			205	10	14	Riverside	469	2		
								Kingston Avenue	5			
Small-pox	..	8			8	..	1	Kingston Avenue	7	..		
Varicella	..	14			14	11	..	Kingston Avenue	3	..		
Pertussis	..	2			2	2	..		..	..
German measles	1	4			5	4	..	Riverside	1	..		
Mumps	..	..			..	..	..		..	..
Tuberculosis	..	82	Otseville	13	98	2	..	Riverside	96	..		
Cerebro-spinal meningitis	1	12			12	2	11		..	..
Diphtheria and scarlet fever	..	7	Willard Parker	2	9	4	2	Willard Parker	3	..		

	Remaining December 31, 1906.	Patients									Remaining December 31, 1907.
		New.	Admitted.		Total Patients Treated.	Dis- charged.	Died.	Transferred To.		Remaining December 31, 1907.	
			Hospital.	Number.				Hospital.	Number.		
Diphtheria and measles.....	1	59	Willard Parker.....	8	59	2	9	Riverside.....	59	1	
Diphtheria and varicella.....	..	1	Riverside.....	1	1	1	..	Riverside.....	1	..	
Diphtheria and pertussis.....	..	4	.....	..	4	1	2	Kingston Avenue.....	1	..
Diphtheria and German measles.....	..	1	.....	..	1	1	..	.....	1	..
Scarlet fever and measles.....	..	2	.....	..	2	1	1	.....	1	..
Scarlet fever and varicella.....	..	1	.....	..	1	..	1	.....	1	..
Scarlet fever and pertussis.....	..	1	.....	..	1	1	..	.....	1	..
Measles and vertusis.....	..	4	.....	..	4	..	..	Kingston Avenue.....	4	..
Measles and varicella.....	..	1	.....	..	1	..	..	Kingston Avenue.....	1	..
Varicella and pertussis.....	..	1	.....	..	1	..	..	.....	1	1
Total	13	830	.....	52	814	103	78	.....	721	10
For observation.....	2	146	Riverside.....	35	184	97	17	Riverside.....	8	2	
								Willard Parker.....	50		
								Kingston Avenue.....	10		
Accompanying	1	74	.....	..	75	37	1	Riverside.....	28	4
								Kingston Avenue.....	5		

WILLARD PARKER HOSPITAL.

TABLE 81.
General Statement, 1907.

	Remaining December 31, 1906.	Patients									Remaining December 31, 1907.
		New.	Admitted.		Total Patients Treated.	Dis- charged.	Died.	Transferred To.		Remaining December 31, 1907.	
			Hospital.	Number.				Hospital.	Number.		
Diphtheria	65	1,145	Reception.....	53	1,259	904	116	Scarlet Fever.....	6	88	
	x		Riverside.....	116				Reception.....	34		
								Riverside.....	11		

SCARLET FEVER HOSPITAL.

TABLE 82.
General Statement, 1907.

	Remaining December 31, 1906.	Patients									Remaining December 31, 1907.
		New.	Admitted.		Total Patients Treated.	Dis- charged.	Died.	Transferred To.		Remaining December 31, 1907.	
			Hospital.	Number.				Hospital.	Number.		
Scarlet fever	51	1,272	Willard Parker.....	4	1,477	1,091	124	Reception.....	7	251	
			Reception.....	41				Riverside.....	4		
			Riverside.....	109					4		
Diphtheria and scarlet fever.....	..	34	Willard Parker.....	1	66	38	10	Reception.....	1	8	
			Reception.....	48							
			Riverside.....	3							
Total	51	1,306	.....	186	1,543	1,129	143	.....	12	259

RIVERSIDE HOSPITAL.

TABLE 83.
General Statement, 1907.

	Remaining December 31, 1906.	Patients									Remaining December 31, 1907.
		New.	Admitted.		Total Patients Treated.	Dis- charged.	Died.	Transferred To.		Remaining December 31, 1907.	
			Hospital.	Number.				Hospital.	Number.		
Diphtheria	10	354	Reception.....	7	359	312	24	.....	..	8
Scarlet fever	26	318	Reception.....	7	351	324	27	.....	..	33
Measles	47	248	Reception.....	468	764	513	24	.....	..	167
Tuberculosis	105	169	Reception.....	86	350	164	101	.....	..	93
Diphtheria and scarlet fever.....	..	10	.....	..	10	8	3	.....	..	..
Diphtheria and measles.....	10	41	Reception.....	41	92	50	41	.....	..	1
Diphtheria and varicella .....	..	1	.....	..	1	..	1	.....	..	..
Scarlet fever and measles.....	1	7	Reception.....	4	17	6	3	.....	..	..
Scarlet fever and varicella.....	..	4	.....	..	4	4	..	.....	..	..
Scarlet fever and pertussis.....	..	1	.....	..	1	1	..	.....	..	..
Typhoid fever .....	..	..	Reception.....	1	1	..	..	.....	..	1
Total	199	1,331	Reception.....	615	1,065	1,385	313	.....	..	267
Accompanying	5	72	.....	..	76	47	..	.....	..	31

KINGSTON AVENUE HOSPITAL.

TABLE 84.
General Statement, 1907.

	Remaining December 31, 1906.	Patients.								Remaining December 31, 1907.
		Admitted.		Total Patients Treated.	Dis- charged.	Died.	Transferred To.			
		New.	Transferred From. Hospital.				Hospital.	Number.		
Diphtheria	17	583		500	406	101			40	
Scarlet fever	35	798	Reception.....	8	838	664	86		130	
Measles	71	1,132	Reception.....	7	1,210	876	160		104	
Small-pox	11	31	Riverside.....	1	73	59	8		6	
			Reception.....	10						
Varicella	1	61	Reception.....	8	64	56	1		3	
German measles	1	29			29	35	1		11	
Mumps	1	1			1	1			1	
Diphtheria and scarlet fever	8	23			31	12	13		5	
Diphtheria and measles	14	13			27	37	15		2	
Diphtheria and varicella	1	3			3	1			1	
Diphtheria and pertussis	1	2	Reception.....	1	4	4	1		1	
Scarlet fever and measles	12	5	Reception.....	3	41	51	10		24	
			Riverside.....	1						
Scarlet fever and varicella	1	1			1		2		1	
Scarlet fever and pertussis	1	2			3	2			1	
Measles and pertussis	1	5	Reception.....	2	16	19	3		1	
Measles and varicella	1	1	Reception.....	1	2	5	1		4	
Measles, scarlet fever and pertussis	1	1			2		1		1	
Measles and mumps	1	1			1				1	
Measles, diphtheria and pertussis	1	1	Riverside.....	1	1	1	1		1	
Scarlet fever and German measles	1	1			1				1	
Scarlet fever, measles and varicella	1	1			1				1	
Scarlet fever, diphtheria and varicella	1	1			1				4	
Total	191	2,716	Reception.....	16	2,942	2,224	409		320	
			Riverside.....	3						
For observation	1	24			25	5	4		9	
Accompanying	21	346	Reception.....	12	330	346	1		28	
			Riverside.....	1						

RECEPTION HOSPITAL.

TABLE 85.
Service Rendered, 1907.

	Patients.	Patient Days.	Average Days Per Patient.	Largest Number of Patients at One Time.	Smallest Number of Patients at One Time.	Average Patients Per Day.
Diphtheria	98	1,008	10.28	9	1	4.55
Scarlet fever	86	1,403	16.31	13	1	3.44
Measles	300	218	1.45	7	1	1.26
Smallpox	9	17	2.12	1	1	1.08
Varicella	14	79	5.64	2	1	1.29
Pertussis	2	23	11.50	1	1	1.03
German measles	5	29	4.00	1	1	1.04
Tuberculosis	98	102	1.09	2	1	1.04
Cerebro-spinal meningitis	13	393	30.23	3	1	1.74
Diphtheria and scarlet fever	9	177	19.66	3	1	1.49
Diphtheria and measles	69	144	2.05	2	1	1.47
Diphtheria and varicella	4	26	13.00	1	1	1.06
Diphtheria and pertussis	4	43	10.75	1	1	1.10
Diphtheria and German measles	1	8	8.00	1	1	1.01
Scarlet fever and measles	9	84	9.33	2	1	1.17
Scarlet fever and varicella	1	26	26.00	1	1	1.07
Scarlet fever and pertussis	1	62	62.00	1	1	1.16
Measles and pertussis	4	4	1.00	1	1	1.01
Measles and varicella	1	2	2.00	1	1	1.01
Varicella and pertussis	1	5	5.00	1	1	1.01
Total	914	4,239	4.63	21	1	10.03
For observation	184	1,481	8.06	11	1	3.89
Accompanying	75	611	8.14	2	1	1.82

WILLARD PARKER HOSPITAL.

TABLE 86.
Service Rendered, 1907.

	Patients.	Patient Days.	Average Days Per Patient.	Largest Number of Patients at One Time.	Smallest Number of Patients at One Time.	Average Patients Per Day.
Diphtheria	1,139	26,047	22.82	115	31	85.90

SCARLET FEVER HOSPITAL.

TABLE 87.
Service Rendered, 1907.

	Patients.	Patient Days.	Average Days Per Patient.	Largest Number of Patients at One Time.	Smallest Number of Patients at One Time.	Average Patients Per Day.
Scarlet fever	1,477	46,186	31.27	282	50	149.42
Diphtheria and scarlet fever	66	1,589	24.07	17	1	5.399
Total	1,543	47,775	30.96	299	51	154.819

RIVERSIDE HOSPITAL.

TABLE 88.
Service Rendered, 1907.

	Patients.	Patient Days.	Average Days Per Patient.	Largest Number of Patients at One Time.	Smallest Number of Patients at One Time.	Average Patients Per Day.
Diphtheria	359	3,756	10.47	42	3	18.96
Scarlet fever	351	7,221	20.57	49	5	25.55
Measles	794	13,217	17.49	169	7	46.87
Tuberculosis	360	13,680	38.00	109	85	102.04
Diphtheria and scarlet fever	10	160	16.00	5	1	1.77
Diphtheria and measles	90	1,748	19.31	11	1	5.38
Diphtheria and varicella	1	1	1.00	1	1	10.00
Scarlet fever and measles	12	216	18.00	6	1	1.91
Scarlet fever and varicella	4	16	4.00	4	1	1.30
Scarlet fever and pertussis	1	37	37.00	1	1	1.002
Typhoid fever	1	253	253.00	1	1	1.002
Total	1,965	49,465	25.19	273	140	137.15
Accompanying	28	202	7.21	44	1	2.97

KINGSTON AVENUE HOSPITAL.

TABLE 89.
Service Rendered, 1907.

	Patients	Patient Days	Average Days Per Patient	Largest Number of Patients at One Time	Smallest Number of Patients at One Time	Average Patients Per Day
Diphtheria	600	12,842	21.42	65	11	29.95
Scarlet fever	848	3,170	37.16	157	25	78.04
Measles	1,210	35,775	29.56	220	16	82.64
Smallpox	73	1,098	14.91	13	2	3.70
Varicella	64	882	13.78	11	1	1.85
German measles	29	355	12.24	10	1	1.69
Mumps	1	5	5.00	1	1	.01
Diphtheria and scarlet fever	31	1,008	32.51	18	1	3.53
Diphtheria and measles	47	744	15.83	17	1	4.94
Diphtheria and varicella	3	31	10.33	1	1	.10
Diphtheria and pertussis	4	25	6.25	2	1	.24

	Patients	Patient Days	Average Days Per Patient	Largest Number of Patients at One Time	Smallest Number of Patients at One Time	Average Patients Per Day
Scarlet fever and measles	21	695	32.88	25	1	8.47
Scarlet fever and varicella	1	31	31.00	1	1	.40
Scarlet fever and pertussis	3	117	39.00	2	1	.10
Measles and pertussis	12	355	29.58	6	1	1.47
Measles and varicella	2	31	15.50	3	1	.56
Scarlet fever and German measles	1	100	100.00	1	1	.38
Scarlet fever, diphtheria and varicella	1	100	100.00	1	1	.75
Measles, scarlet fever and pertussis	2	26	13.00	2	1	.64
Measles, scarlet fever and varicella	1	100	100.00	1	1	.14
Measles, diphtheria and pertussis	1	31	31.00	1	1	.23
Total	2,942	82,344	27.98	434	88	219.80
For observation	24	624	26.00	17	1	1.23
Accompanying	386	7,554	19.82	70	3	18.23

RECEPTION HOSPITAL.

TABLE 90.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within Forty-eight Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission	Cases Terminated—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality, Per Cent.			
	Under Two Days	Two to Five Days	Over Five Days	Total	Under Two Days	Two to Five Days	Over Five Days	Total	Under Two Days	Two to Five Days	Over Five Days	Total
Diphtheria—												
Under two years	2	2	1	5	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	2	2	4	8	1	1	1	3	25.00	25.00	25.00	20.00
Five to fourteen years	2	2	4	8	1	1	1	3	25.00	25.00	25.00	20.00
Over fifteen years	1	4	2	7	1	1	1	3	25.00	25.00	50.00	33.33
Scarlet Fever—												
Under two years	2	1	1	4	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	2	1	2	5	1	1	1	3	33.33	33.33	33.33	16.66
Five to fourteen years	1	2	1	4	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	4	4	9	1	1	1	3	100.00	100.00	100.00	100.00
Measles—												
Under two years	1	2	2	5	1	1	2	4	100.00	100.00	100.00	75.00
Two to four years	1	1	2	4	1	1	1	3	100.00	100.00	100.00	66.66
Five to fourteen years	2	2	2	6	1	1	1	3	50.00	50.00	50.00	25.00
Over fifteen years	1	4	4	9	1	1	1	3	25.00	25.00	25.00	25.00
Varicella—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	2	1	1	4	1	1	1	3	100.00	100.00	100.00	100.00
Pertussis—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
German Measles—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Cerebro-spinal Meningitis—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Diphtheria and Scarlet Fever—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Diphtheria and Measles—												
Under two years	1	1	2	4	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Diphtheria and Varicella—												
Under two years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Two to four years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Five to fourteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00
Over fifteen years	1	1	1	3	1	1	1	3	100.00	100.00	100.00	100.00

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality.		Per Cent.	
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Diphtheria and Pertussis—												
Under two years.....	22	11	12	45	2	1	21	25	9.09	9.09	100.00	100.00
Two to four years.....	22	1	—	23	—	11	11	22	9.09	9.09	100.00	100.00
Five to fourteen years.....	22	12	—	34	—	11	11	22	9.09	9.09	100.00	100.00
Over fifteen years.....	22	—	—	22	—	—	22	22	9.09	9.09	100.00	100.00
Scarlet Fever and Measles—												
Under two years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Two to four years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Five to fourteen years.....	11	1	11	23	—	1	—	1	9.09	100.00	100.00	50.00
Over fifteen years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Scarlet Fever and Varicella—												
Under two years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Two to four years.....	11	1	—	12	—	1	—	1	9.09	100.00	100.00	100.00
Five to fourteen years.....	11	—	11	22	—	—	—	22	9.09	9.09	100.00	100.00
Over fifteen years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Scarlet Fever and Pertussis—												
Under two years.....	11	11	—	22	11	—	—	11	9.09	9.09	100.00	100.00
Two to four years.....	11	—	—	11	11	—	—	11	9.09	9.09	100.00	100.00
Five to fourteen years.....	11	1	—	12	11	11	—	22	9.09	9.09	100.00	100.00
Over fifteen years.....	11	—	—	11	11	11	—	22	9.09	9.09	100.00	100.00
Measles and Pertussis—												
Under two years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Two to four years.....	11	1	—	12	—	—	—	12	9.09	9.09	100.00	100.00
Five to fourteen years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Over fifteen years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Diphtheria and German Measles—												
Under two years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Two to four years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
Five to fourteen years.....	11	1	—	12	—	—	—	12	9.09	9.09	100.00	100.00
Over fifteen years.....	11	—	—	11	—	—	—	11	9.09	9.09	100.00	100.00
For Observation—												
Under two years.....	7	1	—	8	11	1	—	12	9.09	40.00	100.00	71.75
Two to four years.....	1	—	—	1	—	—	—	1	9.09	9.09	100.00	100.00
Five to fourteen years.....	—	—	—	—	—	—	—	—	—	—	—	—
Over fifteen years.....	19	81	11	111	—	—	4	4	—	—	100.00	8.70
Accompanying—												
Under two years.....	11	—	—	11	1	—	—	1	9.09	—	—	9.09
Two to four years.....	11	—	—	11	—	—	—	—	—	—	—	—
Five to fourteen years.....	11	—	—	11	—	—	—	—	—	—	—	—
Over fifteen years.....	22	—	—	22	—	—	—	—	—	—	—	—

* Cases dying or discharged.

WILLARD PARKER HOSPITAL.

TABLE 91.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within Forty-eight Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality.		Per Cent.	
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Diphtheria—												
Under two years.....	22	181	46	249	5	60	26	91	16.25	48.54	58.24	48.71
Two to four years.....	22	260	82	364	5	24	14	43	22.72	24.80	15.41	22.55
Five to fourteen years.....	26	139	92	257	1	14	2	17	3.84	7.43	3.84	5.26
Over fifteen years.....	16	197	44	257	—	4	1	5	—	1.01	5.43	7.86

* Cases dying or discharged.

SCARLET FEVER HOSPITAL.

TABLE 92.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within Forty-eight Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality.		Per Cent.	
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Scarlet Fever—												
Under two years.....	1	25	14	40	1	15	3	19	20.00	48.00	71.43	35.25
Two to four years.....	36	164	101	301	1	19	14	34	13.88	11.52	13.33	12.74
Five to fourteen years.....	46	199	267	512	3	17	14	34	6.45	5.10	5.44	5.37
Over fifteen years.....	11	128	62	201	—	2	1	3	—	3.99	4.83	3.94
Diphtheria and Scarlet Fever—												
Under two years.....	—	4	4	8	—	4	1	5	—	100.00	25.00	60.00
Two to four years.....	—	2	15	17	—	2	1	3	—	100.00	11.11	41.17
Five to fourteen years.....	—	9	14	23	—	—	1	1	—	—	7.14	4.35
Over fifteen years.....	—	1	2	3	—	—	—	—	—	—	—	—

* Cases dying or discharged.

RIVERSIDE HOSPITAL.

TABLE 93

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within Forty-eight Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality, Per Cent.			
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Diphtheria—												
Under two years.....	2	48	12	62	..	10	2	12	..	26.83	16.66	19.35
Two to four years.....	28	26	39	133	2	12	3	17	8.66	15.05	10.00	13.07
Five to fourteen years.....	12	48	32	92	..	6	2	8	..	12.50	6.25	8.60
Over fifteen years.....	1	50	14	65	..	..	..	..	..	4.00	..	3.98
Scarlet Fever—												
Under two years.....	8	9	20	37	..	..	..	..	..	..	..	..
Two to four years.....	20	62	30	112	..	0	4	13	..	14.51	12.33	11.60
Five to fourteen years.....	16	107	36	159	..	2	8	12	..	3.73	22.22	7.54
Over fifteen years.....	..	24	18	42	..	..	1	1	..	..	5.55	2.38
Measles—												
Under two years.....	34	82	50	166	5	24	25	54	12.64	29.26	50.00	31.12
Two to four years.....	40	106	38	184	0	0	1	1	15.00	0.00	2.89	8.15
Five to fourteen years.....	40	81	24	145	1	2	3	6	2.50	2.35	12.30	5.16
Over fifteen years.....	4	80	0	84	..	4	..	4	..	4.05	..	4.16
Tuberculosis—												
Under two years.....	..	..	..	..	..	..	..	..	..	..	..	..
Two to four years.....	..	..	..	..	..	..	..	..	..	..	..	..
Five to fourteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Over fifteen years.....	1	..	205	206	..	12	100	102	..	..	38.11	38.11
Diphtheria and Scarlet Fever—												
Under two years.....	..	..	..	..	..	..	..	..	..	..	..	..
Two to four years.....	..	1	2	3	..	1	..	1	..	30.00	..	25.00
Five to fourteen years.....	3	..	1	4	1	..	..	1	33.33	..	..	25.00
Over fifteen years.....	..	2	..	2	..	..	..	..	..	..	..	..
Diphtheria and Measles—												
Under two years.....	1	14	36	51	2	2	9	13	66.66	41.66	42.00	45.21
Two to four years.....	1	16	16	33	2	7	0	9	100.00	43.75	47.36	50.00
Five to fourteen years.....	..	8	10	18	..	2	2	4	..	25.00	40.00	33.33
Over fifteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Variella—												
Under two years.....	..	..	..	..	..	..	..	..	..	..	..	..
Two to four years.....	..	..	..	..	..	..	..	..	..	100.00	..	100.00
Five to fourteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Over fifteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever and Measles—												
Under two years.....	..	1	1	2	..	1	1	2	..	33.33	20.00	25.00
Two to four years.....	..	1	1	2	..	1	..	1	..	33.33	..	25.00
Five to fourteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Over fifteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever and Variella—												
Under two years.....	..	2	1	3	..	..	..	..	..	..	..	..
Two to four years.....	..	1	..	1	..	..	..	..	..	..	..	..
Five to fourteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Over fifteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever and Pertussis—												
Under two years.....	..	1	..	1	..	..	..	..	..	..	..	..
Two to four years.....	..	..	..	..	..	..	..	..	..	..	..	..
Five to fourteen years.....	..	..	..	..	..	..	..	..	..	..	..	..
Over fifteen years.....	..	..	..	..	..	..	..	..	..	..	..	..

* Cases dying or discharged.

KINGSTON AVENUE HOSPITAL.

TABLE 94.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within Forty-eight Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality, Per Cent.			
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Diphtheria—												
Under two years.....	11	32	5	50	6	14	1	21	54.54	43.42	16.66	42.00
Two to four years.....	13	118	18	139	1	24	8	31	7.69	21.81	37.50	22.28
Five to fourteen years.....	33	97	24	154	1	8	..	9	3.03	8.24	..	3.92
Over fifteen years.....	22	87	19	128	..	9	11	20	..	8.29	..	5.50
Scarlet Fever—												
Under two years.....	6	3	5	14	6	2	2	10	100.00	66.66	40.00	71.42
Two to four years.....	51	81	49	181	19	15	5	39	19.60	18.51	10.00	16.17
Five to fourteen years.....	21	210	146	377	14	12	4	30	6.47	5.70	3.17	5.13
Over fifteen years.....	16	80	26	122	..	1	2	3	..	4.49	10.00	4.72
Measles—												
Under two years.....	110	21	20	151	34	30	4	68	29.52	42.85	20.00	34.38
Two to four years.....	207	140	22	369	34	25	3	62	16.42	17.85	8.72	15.84
Five to fourteen years.....	169	84	47	290	15	..	2	17	8.87	..	4.25	5.66
Over fifteen years.....	40	49	18	107	1	1	..	2	2.44	2.04	..	1.72

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under Forty-eight Hours Deducted.				Deaths—Those Dying Under Forty-eight Hours Deducted.				Case Fatality, Per Cent.			
	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.	Under Two Days.	Two to Five Days.	Over Five Days.	Total.
Accompanying—												
Under two years.....	11	11	11	33	1	1	1	3	9.09	9.09	9.09	9.09
Two to four years.....	11	11	11	33	1	1	1	3	50.00	50.00	50.00	50.00
Five to fourteen years.....	11	11	11	33	1	1	1	3	.....	.....	.....	.....
Over fifteen years.....	11	11	11	33	1	1	1	3	.....	.....	.....	39.00

*Cases dying or discharged.

The following table (Table 95) shows the number of cases of infection occurring within the hospitals of the Department during the year under review.

TABLE 95.
Cases of Infection Within Hospitals, 1907.

	Willard Parker.	Scarlet Fever.	Riverside.	Kingston Avenue.
Cases of measles developing more than fourteen days after admission.....	14	38	..	36
Cases of scarlet fever developing more than ten days after admission.....	8	..	..	36

Tuberculosis Sanatorium at Otisville.

The work done at the Department Sanatorium for Tuberculosis at Otisville, N. Y., is summarized in the following tables (Tables 96 to 100). The total number of patients treated during the year was 272. Of these 59 were incipient, 186 moderately advanced and 27 far advanced cases. Of the last class one died, six improved, nine were still under treatment, and one was discharged with the disease in a progressive condition. Much better results were obtained, however, in the other two classes of patients, especially in the incipient cases in which over twenty per cent. were apparently cured, about 13 per cent. showed the disease in an arrested or stationary condition on discharge, while 37.29 per cent. were improved and only 1.69 per cent. were discharged with the disease in a progressive state.

The other tables referring to the work of the Sanatorium show the services rendered in terms of patient-days (patients multiplied by number of days residence); the duration of the patients' stay at Otisville, and the places to which they were discharged.

TABLE 96.

Otisville Sanatorium—General Statement, 1907.

	Remaining December 31, 1906.	Patients.							Remaining December 31, 1907.	
		Admitted.	Total Patients Treated.	Discharged.	Died.	Transferred To.				
						New.	Transferred From Hospital.	Hospital.		Number.
Tuberculosis.....	50	201	Riverside.....	21	272	137	1	Riverside.....	20	112
								Bellevue.....	2	

TABLE 97.

Otisville Sanatorium—Service Rendered, 1907.

	Patients.	Patient Days.	Average Day Per Patient.	Largest Number at One Time.	Smallest Number at One Time.	Average Patients Per Day.
Tuberculosis.....	272	28,210	103.71	119	48	77.29

TABLE 98.

Otisville Sanatorium—Patients Treated and Condition When Discharged,* 1907.

Number—	Total Cases Treated, 1907.	Discharged.					Deaths.	Transferred.	Under Treatment, December 31, 1907.
		Apparently Cured.	Arrested, improved.	Progressive.	Discharged.	Under Treatment.			
Incipient.....	59	22	8	22	1	..	1	15	
Moderately advanced.....	186	77	4	58	4	..	11	28	
Far advanced.....	27	..	..	5	1	1	10	9
	272								
Percentage—									
Incipient.....	100	24.34	13.25	35.39	1.69	..	1.69	73.43	
Moderately advanced.....	100	7.91	2.15	30.80	2.13	..	3.98	47.31	
Far advanced.....	100	..	..	22.22	3.70	3.70	37.04	46.33

*The classification as to stage of disease, etc., is that adopted by the National Association for the Study and Prevention of Tuberculosis.

TABLE 99.

Otisville Sanatorium—Duration of Patients' Stay, 1907.

	By Discharge.			Deaths.	Transfers.	Number.	Per Cent.
	Discharge.	Deaths.	Transfers.				
Total patients discharged.....	137	1	22	16	166	100.00	
Length of stay.....							
Under one month.....	18	..	3	33	14.37		
Over one month and under three months.....	38	..	10	48	30.80		
Over three months and under six months.....	50	..	8	58	34.38		
Over six months.....	31	1	9	34	21.45		

TABLE 100.

Otisville Sanatorium—Places to Which Patients Discharged, 1907.

	By Discharge.			Deaths.	Transfers.	Number.	Per Cent.
	Discharge.	Deaths.	Transfers.				
Total patients discharged.....	137	1	22	16	166	100.00	
Patients discharged to their homes.....	127	..	..	..	127	85.62
Patients discharged to other sanatoria.....	..	..	22	..	22	13.25
Patients discharged—death.....	..	1	..	..	1	0.60

TRACHOMA HOSPITAL AND DISPENSARY.

The following tables summarize the work done at the hospital and the dispensary for trachoma, maintained by the Department at One Hundred and Eighteenth street and at Gouverneur slip respectively:

TABLE 101.

Trachoma Hospital and Dispensary—Number and Percentage of Apparent Cures, Six Months Ending December 31, 1907.

	Hospital.	Dispensary.
Cases Treated—		
Trachoma:		
Operative.....	671	394
Non-operative.....	1,048	3,867
Other contagious eye diseases.....	428	637
Discharged Apparently Cured—		
Trachoma:		
Operative.....	162	45
Non-operative.....	122	202
Other contagious eye diseases.....	55	29
Percentage of Those Treated Discharged Apparently Cured—		
Trachoma:		
Operative.....	24.07	14.80
Non-operative.....	6.77	6.28
Other contagious eye diseases.....	12.83	4.55

TABLE 102.

Trachoma Hospital and Dispensary—Examinations, Diagnoses and Treatments, Six Months Ending December 31, 1907.

	Hospital.	Dispensary.
Examination—		
Examinations for diagnosis.....	2,594	5,318
Diagnoses—		
Cases rejected as non-contagious.....	218	210
Cases found:		
Trachoma.....	1,048	4,771
Other contagious eye diseases.....	428	637
Total.....	2,594	5,318
Treatments—		
Trachoma:		
Operative.....	671	394
Post-operative.....	780	11,593
Non-operative.....	10,500	34,423
Other contagious eye diseases.....	1,355	2,721
Total.....	22,568	49,061
Largest number in one day.....	260	205
Average number per day.....	200	148

THE OFFICE OF THE SECRETARY AND THE CHIEF CLERK.

The following is a statement of the work performed in the office of the Secretary and the Chief Clerk during the year 1907:

Finances of the Department.

The following appropriations were approved by the Board of Estimate and Apportionment for the support and maintenance of the Department of Health, during the year 1907:

TABLE 103.

Statement of Appropriations.

Title.	Amount.
Salaries—Board of Health and Executive Officers.....	\$59,820 00
Salaries of Officers, Clerks, Inspectors and Other Employees—	
Offices of Assistant Chief Clerks.....	\$59,588 00
Corporation Counsel.....	5,250 00
Sanitary Superintendent, Manhattan.....	14,750 00
Assistant Sanitary Superintendents.....	75,900 00
Division of Contagious Diseases.....	171,010 00
Division of Inspections.....	165,180 00
Chemical Laboratory, Manhattan.....	14,700 00
Registrar and Bureau of Records.....	58,720 00
Drug Laboratory.....	6,750 00
Willard Parker Hospital.....	80,054 00
Reception Hospital.....	10,572 00
Trachoma Hospital.....	23,850 00
Riverside Hospital.....	90,858 00
Kingston Avenue Hospital.....	100,636 00
Tuberculosis Sanatorium, Otisville.....	40,092 00
Bacteriological Laboratory.....	90,310 00
Medical School Inspectors and Nurses.....	250,250 00
Salaries, Sanitary Police.....	95,000 00
Supplies and Contingencies.....	44,073 00
Removal of Night Soil, Offal and Dead Animals.....	69,880 00
Disinfection—Supplies, etc.....	68,050 00
Hospital Fund—Supplies.....	178,226 66
Support of Ambulance Service.....	28,100 00
Laboratory Fund, Manhattan.....	20,000 00
Abatement of Nuisances.....	1,600 00
Tuberculosis Fund—Supplies.....	25,000 00
	\$1,847,819 66

Statement of Revenue Bond Funds issued during the year 1907, for the purposes specified, and also to provide for lack of funds, caused by the insufficiency of appropriations:

TABLE 104.

Revenue Bond Funds Authorized.

Date.	Purpose.	Amount.
April 25, 1907	Draining and Filling in Marsh Lands (Staten Island).....	\$25,000 00
June 21, 1907	Supplies and Contingencies, deficiency in appropriation, 1907.....	40,000 00
June 7, 1907	Supplies, New Scarlet Fever Pavilion, Willard Parker Hospital.....	35,000 00
June 7, 1907	Supplies for Tuberculosis Clinics (Manhattan, The Bronx, Brooklyn).....	7,500 00
June 21, 1907	Hospital Fund Supplies, deficiency in appropriation, 1907.....	50,000 00
June 7, 1907	Purchase of Supplies, Tuberculosis Sanatorium, Otisville.....	35,000 00
June 7, 1907	Salaries, New Scarlet Fever Pavilion, Willard Parker Hospital.....	30,000 00

Date.	Purpose.	Amount.
Nov. 8, 1907	Salaries, office of Assistant Chief Clerks.....	3,232 81
Nov. 8, 1907	Salaries, Division of Inspections.....	16,784 90
Nov. 8, 1907	Salaries, Division of Contagious Diseases.....	16,795 34
Nov. 8, 1907	Salaries, Registrar and Bureau of Records.....	5,197 33
Nov. 8, 1907	Willard Parker Hospital, Salaries.....	3,157 43
Nov. 8, 1907	Salaries, Riverside Hospital.....	11,144 28
Nov. 8, 1907	Salaries, Kingston Avenue Hospital.....	7,023 05
Sept. 20, 1907	Salaries, Bacteriological Laboratory.....	61,000 00
Sept. 20, 1907	Expenses Incurred Account of Strike in Department of Street Cleaning.....	52,500 00
	Total.....	\$409,446 08

No Corporate Stock was authorized for the use of the Department of Health during the year 1907.

The annual estimate of the amount required for the maintenance of the Department during 1908 was prepared during June and July and presented to the Board of Estimate and Apportionment on July 15, 1907.

After examination by representatives of the Comptroller, and by the Committee of the Bureau of Municipal Research, the sum of \$2,279,849.50 was allowed and included in the Budget for 1908, as against \$1,847,819.66 allowed in the Budget for 1907, an increase of \$432,029.84.

The condition of the accounts was pronounced satisfactory by the investigators, but a radical change was recommended in the preparation of the Budget for the year 1908, with a view towards installing a uniform method of accounting in each City Department during that year.

TABLE 105.

Comparative Statement of the Moneys Received Through the Various Financial Resources of the Department of Health During the Period from 1902 to 1907, Inclusive.

Year.	Appropriation.	Bond Issue.	Sales of Laboratory Products.	Care and Maintenance of Immigrants.	Total.
1902.....	\$484,391 48	\$412,062 29	\$32,148 13	\$35,272 00	\$1,364,374 11
1903.....	1,034,391 48	410,000 00	21,438 91	33,726 00	1,500,156 39
1904.....	1,109,391 48	410,458 00	28,383 61	24,250 00	1,569,459 09
1905.....	1,359,391 48	404,397 48	32,368 32	47,546 00	1,761,793 68
1906.....	1,344,495 66	575,227 50	15,638 08	86,580 00	2,021,872 24
1907.....	1,847,819 66	409,446 08	34,964 94	96,261 00	2,388,791 78

Salary Expenditures, 1907.

Year.	Expended.	Total Employees.	Number of Physicians.
1907.....	\$1,603,235 32	2,195	583

TABLE 106.

Tabulated Statement of Cash Received in the Transaction of the Business of the Department During 1907, Deposited in Banks and Transmitted to the City Chamberlain or to the Trustees of the Health Department Pension Fund, as Follows:

1907.	Care of Immigrants.	Antitoxin.	Virus.	Searches and Transcripts.	To City Chamberlain.	Pension Moneys.	To Trustees of Pension Fund.
January.....	\$13,140 00	\$2,937 56	\$466 31	.....	\$17,546 87	\$2,598 00	\$2,898 10
February.....	7,580 00	2,428 58	291 78	.....	10,310 34	4,707 49	4,277 41
March.....	3,740 00	2,404 80	654 18	.....	6,804 48	3,317 60	3,217 50
April.....	.....	2,802 23	734 35	.....	3,536 58	3,193 38	2,193 38
May.....	2,406 00	2,770 12	966 59	.....	6,142 71	3,881 05	3,821 05
June.....	4,068 00	2,604 13	1,206 12	\$741 20	9,439 95	6,840 12	6,840 12
July.....	10,840 30	1,809 59	404 78	1,085 39	14,800 71	2,540 00	2,540 00
August.....	76,058 00	1,831 04	560 80	1,815 80	19,688 69	1,741 00	1,741 00
September.....	10,442 00	980 88	1,478 04	1,636 70	14,737 62	1,252 50	1,252 50
October.....	3,132 00	1,730 10	935 14	1,734 80	1,635 76	2,141 02	2,141 02
November.....	1,060 00	1,748 87	175 90	1,828 00	7,273 79	3,244 25	3,244 25
December.....	6,040 00	1,600 98	831 12	1,262 60	10,336 70	6,791 72	6,791 72
Totals.....	\$87,320 00	\$25,206 98	\$9,051 06	\$11,613 50	\$133,191 04	\$45,018 67	\$43,018 67

Summary.

	Received.	Disbursed.
Care of immigrants.....	\$87,320 00	To Chamberlain..... \$133,191 04
Antitoxin.....	25,206 98	To Trustees of Pension Fund..... 43,018 67
Virus.....	9,051 06	
Searches and transcripts.....	11,613 50	
Pension moneys.....	45,018 67	
Total.....	\$178,209 71	Total..... \$178,209 71

All moneys collected by the Department are received in this office. The money is derived from the following sources, viz.: The sale of laboratory products; the care, maintenance and transportation of immigrants; fines and penalties for violations of the Sanitary Code, and transcripts of the records of the Department. The money received for laboratory products and that for the care and maintenance of immigrants is paid over to the City Chamberlain each month, and added to the Department appropriations. The fees derived from transcripts of Department records prior to May 28, 1907, which were paid to the Trustees of the Health Department Pension Fund, are now paid monthly to the City Chamberlain and are credited to the General Fund for the redemption of the City debt, pursuant to chapter 373, Laws of 1907, dated May 28, 1907. The money received for fines and penalties and that from employees who have signified their intention, in writing, of taking advantage of the provisions of the Health Department Pension Law, and contributing one per centum of their respective salaries, is added to the Health Department Pension Fund.

Accounts of the Department.

The established system of accounting includes principally the keeping of the following books:

Appropriation Ledger—Showing the various appropriations allowed by the Board of Estimate and Apportionment in the annual Budget, and such additional sums as may be obtained from the sale of Revenue Bonds and Corporate Stock for the maintenance of the Department; also, liabilities incurred and forwarded to the Department of Finance for payment.

Liability Books—Showing the estimated and actual expense incurred in each transaction, so that the condition of each account may be determined at any time.

Monthly Balance Book—Showing at the termination of each month the financial condition of all appropriations, Revenue Bond and Corporate Stock accounts.

Payroll Ledgers—One for each Borough, recording the name, compensation and time employed of each employee, as indicated by the monthly payroll.

Segregation Ledger—For statistical information, showing amount expended for any class of material or purpose, and the branch of the service incurring the same.

Record of Burial of Deceased Soldiers—Forwarding to the Department of Finance claims for the burial of deceased honorably discharged veterans.

The above books are not the only accounts kept in this office, but are specified as those containing a record of the most important financial transactions of the Department.

Trial balances are made monthly showing the liabilities and assets of the Department, a copy of which is forwarded each month to his Honor the Mayor for his information.

Systems are installed in the stationery office, the drug laboratory and the storehouse at Otisville, N. Y., which govern the receipt and distribution of supplies in these divisions.

Horse Register.

A record is kept, containing a full description of each horse, giving the number, color, age, special marks, where stabled, and work performed, which shows that the Department owns the following horses, distributed as follows:

Antitoxin Stable, Borough of Manhattan.....	23
Other places, Borough of Manhattan.....	19
Borough of The Bronx.....	14
Borough of Brooklyn.....	23
Borough of Queens.....	7
Borough of Richmond.....	7
Tuberculosis Sanatorium, Otisville.....	25
Total horses used in departmental work.....	121

Typewriter Register.

The following is a record of all typewriting machines used in the Department in the various Boroughs:

TABLE 107.

Typewriters.

	Oliver.	Royal.	Under-wood.	Smith Premier.	Royal.	Monarch.	Elmer Hatch.	Total.
Borough of Manhattan.....	27	27	18	2	1	1	2	74
Borough of The Bronx.....	1	4	1	—	2	1	—	12
Borough of Brooklyn.....	24	5	2	—	1	—	—	36
Borough of Queens.....	1	2	2	—	—	—	—	5
Borough of Richmond.....	1	1	1	—	1	—	—	4
Otisville.....	—	1	—	—	—	—	—	1
Total.....	53	40	26	2	5	2	2	129

Department Telephones.

Telephones are installed in the private residences of certain officials and employees to facilitate the transaction of official business of the Department. Those desiring to use the same for personal business are required to pay to the Department the usual rates charged by the telephone company, an account of which is rendered to them each month. It has been found necessary to establish in the various Boroughs of the City the following telephones:

Borough of Manhattan.....	30
Borough of Brooklyn.....	23
Borough of The Bronx.....	13
Borough of Queens.....	7
Borough of Richmond.....	5
Otisville, N. Y.....	1
Total telephones installed.....	79

Telephone Receipts.

The following amounts were received from employees for the use of official telephones for private business during the year 1907, which were deducted from the bills of the telephone company before they were certified to the Comptroller for payment, representing a saving to the Department of the sum of \$837.46.

TABLE 108.

Telephone Receipts.

	Foreign Calls.	Local Calls.	Total.
Borough of Manhattan.....	\$142 50	\$161 79	\$304 29
Borough of The Bronx.....	18 29	46 20	64 49
Borough of Brooklyn.....	146 23	61 02	207 25
Borough of Queens.....	26 23	8 60	34 83
Borough of Richmond.....	4 65	4 28	9 93
Otisville, N. Y.....	2 10	6 24	8 34
Total.....	\$340 90	\$396 13	\$737 03

Auditing of Bills.

All bills contracted by the Department are rendered in triplicate, stamped with date of receipt by the Division incurring the expense, and certified to the effect that the articles of services enumerated have been received, examined and found correct, and are for the exclusive use of the Department, one bill being retained in that office for filing, and two returned to the office of the Chief Clerk, where they are charged against the proper appropriations, one being filed with the requisition, the other forwarded to the Department of Finance for payment, after having been approved by the Board of Health.

Considerable delay in auditing still continues, owing to the failure of the various Divisions of the Department to certify and to forward promptly the necessary bills

which accompany the delivery of merchandise. It was the intention to establish during 1907 a new system for the purpose of tracing all bills received and placing the responsibility for any delay which might occur, but owing to the great increase in the work of the office it was not deemed advisable to adopt the system until an additional clerical force be provided.

The number of bills received, audited and forwarded to the Department of Finance for payment during the year 1907 was approximately 40,000.

Burial of Deceased Veterans.

The duty of auditing claims for the interment of deceased honorably discharged soldiers, sailors and marines, and their wives, devolved upon this Department in accordance with an opinion of the Corporation Counsel, rendered in February, 1906.

The following claims have been audited and forwarded to the Department of Finance for payment during 1907:

TABLE 109.

Burial of Deceased Veterans.

Place of Death.	Year of Death.	Number.	Total.	Amount of Claims.	Total.
New York County.....	1901	—	—	—	—
New York County.....	1902	—	—	—	—
New York County.....	1903	—	—	—	—
New York County.....	1904	1	1	\$21 00	21 00
New York County.....	1905	2	2	20 00	41 00
New York County.....	1906	28	28	980 00	1,021 00
New York County.....	1907	82	82	2,972 00	3,993 00
Kings County.....	1903	1	1	\$21 00	\$4,014 00
Kings County.....	1904	2	2	70 00	4,084 00
Kings County.....	1905	1	1	25 00	4,109 00
Kings County.....	1906	21	21	725 00	4,834 00
Kings County.....	1907	65	65	5,475 00	10,309 00
Queens County.....	1903	1	1	\$31 00	10,340 00
Queens County.....	1906	2	2	103 00	10,443 00
Queens County.....	1907	5	5	175 00	10,618 00
Richmond County.....	1906	2	2	\$140 00	10,758 00
Richmond County.....	1907	4	4	140 00	10,898 00
Total.....		223	223	\$7,805 00	\$18,653 00

Department Payrolls.

The payrolls of the various Boroughs and of the hospitals of the Department are prepared monthly, recording the name, residence, designation and compensation and time employed, certified by the proper officials, charged against the appropriate accounts, approved by the Board, certified by the Civil Service Commission, and forwarded to the Department of Finance for payment.

TABLE 110.

Employees of the Department.

Schedule of Total Number of Employees in the Service of the Department of Health in the Various Boroughs on December 31, 1907, with a Statement of Their Aggregate Annual Compensation (Exclusive of Sanitary Police, \$89,000).

Borough of.	Number.	Amount.
Manhattan.		
Officers, Clerks and other employees.....	684	\$667,687 80
Hospital service.....	227	146,474 60
Total.....	911	\$814,162 40
The Bronx.		
Officers, Clerks and other employees.....	91	\$75,306 84
Hospital service.....	262	100,628 42
Total.....	353	\$175,935 26
Brooklyn.		
Officers, Clerks and other employees.....	204	\$237,810 60
Hospital service.....	208	109,123 76
Total.....	412	\$346,934 36
Queens.		
Officers, Clerks and other employees.....	65	\$59,650 20
Total.....	65	\$59,650 20
Richmond.		
Officers, Clerks and other employees.....	89	\$61,606 22
Total.....	89	\$61,606 22
Otisville.		
Hospital service.....	150	\$67,827 08
Total.....	150	\$67,827 08
Officers, Clerks and other employees.....	1,173	\$1,101,461 00
Hospital service.....	757	613,073 86
Totals.....	2,130	\$1,714,535 34

Pension Fund

The Board of Trustees of the Health Department Pension Fund consists of the members of the Board of Health, one of whom is chosen to be Chairman, and one elected as Secretary, annually. Said Board of Trustees is charged with the duty of receiving, investing and administering all funds derived from fines and penalties for violations of the Sanitary Code and health laws.

Pensions are granted to employees disabled by reason of performance of duty and to widows or minors of employees who die from disease or injury suffered in the discharge of duties, and for services of a period of twenty years, upon application of such employee.

Chapter 373, Laws of 1907, which became a law May 28, 1907, amends the Health Department Pension Fund Law. Under its provisions the pension fund consists of (a) all moneys collected from fines and penalties for the violation of the Sanitary Code or health laws in The City of New York; (b) one per centum of the salaries of participating employees. The money received from searches and transcripts of the records of the Department which, prior to May 28, 1907, was paid over to the Trustees of the Health Department Pension Fund is now paid monthly to the City Chamberlain and is credited to the general fund for the redemption of the City debt.

The sum of \$114,625.87 was on deposit in the Knickerbocker Trust Company, drawing 4 per cent. interest, to the credit of the Board of Trustees of the Health Department Pension Fund on October 22, 1907, when the bank suspended payment. The bank is now in the hands of a temporary receiver, pending an arrangement with a committee representing the various depositors, with a view to a reorganization and the reopening of the bank.

A report in detail of the condition of said fund is submitted to his Honor the Mayor annually, in the month of January.

TABLE 111.

Pension Fund—Receipts.

Report of the Condition of the Health Department Pension Fund for the Year 1907, Showing Receipts and Disbursements During that Period

Month, 1907.	Attorney's Costs.	Searches and Transcripts of Births, Marriages and Deaths.	Fines and Penalties.	Assessments Participating Employees.	Interest.	Total.
January	\$37 00	\$1,920 50	\$871 50	.....	.....	\$2,898 00
February	17 00	1,813 40	4,307 00	.....	.....	4,227 40
March	19 20	1,065 10	1,341 00	.....	.....	3,317 60
April	42 30	2,014 63	1,136 25	.....	.....	3,193 28
May	32 00	1,638 66	2,150 21	.....	.....	3,821 03
June	35 00	.....	2,222 51	.....	\$4,682 62	6,810 13
July	.....	.....	2,740 20	.....	.....	2,549 00
August	442 50	.....	420 02	\$1,062 10	.....	1,741 62
September	30 00	.....	150 00	1,064 50	.....	1,253 50
October	30 00	.....	1,060 01	1,042 01	.....	2,142 02
November	52 00	.....	3,176 72	.....	.....	3,244 25
December	22 00	.....	1,742 25	1,048 26	2,078 21	6,791 72
Total	\$578 00	\$6,431 23	\$12,745 78	\$4,222 87	\$8,361 13	\$42,818 67

January 1, 1907—

Cash on deposit with Knickerbocker Trust Company, at 4 per cent. \$158,786 39
 Cash on deposit with Windsor Trust Company, at 4 per cent., as shown on preceding annual report, 64,037 54

Grand total: \$264,842 40

TABLE 112.

Pension Fund—Disbursements.

Names.	Date of Retirement.	Pension Period, 1907.	Amount.
William B. Fernhead	Dec., 1893	January 1 to December 31	\$1,050 00
F. H. Dillingham	May, 1903	January 1 to December 31	1,200 00
John T. Nagle	July, 1895	January 1 to December 31	1,200 00
Sarah Terhune	May, 1897	January 1 to December 31	300 00
Jacob A. Weil	Mar., 1898	January 1 to December 31	850 00
Ed. I. Gallagher	Oct., 1898	January 1 to December 31	750 00
Frank W. Lester	July, 1900	January 1 to December 31	750 00
Helen B. Dealu	Aug., 1900	January 1 to December 31	300 00
William H. Vermilye	Nov., 1900	January 1 to December 31	600 00
George F. Morris	Feb., 1901	January 1 to December 31	900 00
Roger S. Tracy	April, 1901	January 1 to December 31	1,200 00
Mrs. B. T. Steinsieck	Dec., 1901	January 1 to December 31	300 00
John Schnell	Dec., 1901	January 1 to July 30 (died.)	248 39
Bartholomew McGowan	June, 1902	January 1 to December 31	525 00
Robert Nixon	Sept., 1903	January 1 to December 31	240 00
J. A. Jennings	Mar., 1904	January 1 to December 31	1,200 00
Sarah A. Clarke	July, 1904	January 1 to December 31	300 00
Aaa R. Dimock	Oct., 1904	January 1 to December 31	900 00
Frank Wickham	May, 1905	January 1 to December 31	1,200 00
Celia B. McLaughlin	July, 1905	January 1 to December 31	300 00
Thomas F. Fay	Oct., 1905	January 1 to December 31	1,200 00
Magdalena Walker	Oct., 1905	January 1 to December 31	300 00
George F. Schradly, Jr.	Dec., 1905	January 1 to December 31	900 00
Mrs. Julia L. Mahoney	Dec., 1905	January 1 to December 31	300 00
Harry E. Bramley	Nov., 1905	January 1 to December 31	1,200 00
Mrs. Margaret Gately	July, 1906	January 1 to December 31	300 00
Fred A. Jewett	Aug., 1906	January 1 to December 31	1,200 00

Names.	Date of Retirement.	Pension Period, 1907.	Amount.
Thomas Glacher	Aug., 1900	January 1 to December 31	450 00
John Finnegan	Dec., 1900	January 1 to December 31	400 00
New Pensioners, 1907.			
Philip Schnell	Jan., 1907	January 1 to December 31	525 00
Charles S. Benedict	Jan., 1907	January 1 to December 31	1,200 00
John T. Turner	Mar., 1907	Mar. 1 to December 31	800 00
Samuel P. Cropper	April, 1907	April 1 to December 19 (died.)	440 00
Charles F. Roberts	July, 1907	July 1 to December 31	5,255 00
Mrs. Matilda Cooney	July, 1907	July 1 to December 31	150 00
Haven B. Bayles	Sept., 1907	September 1 to December 31	200 00
Mary C. McManus	Oct., 1907	October 2 to December 31	73 49
Total paid pensioners, 1907.			\$25,721 78

December 31, 1907—

On deposit with Knickerbocker Trust Company, at 4 per cent. \$114,625 87
 On deposit with Windsor Trust Company, at 4 per cent. 93,692 52
 On deposit with Empire Trust Company, at 4 per cent. 31,252 23

\$264,842 40

There is due the estate of Samuel P. Cropper, a deceased pensioner, who died December 19, 1907, \$171.77, amount of pension accrued from October 1 to December 19, 1907.

Contracts.

Pursuant to the provisions of section 419 of the Charter, contracts by public letting must be made for work to be performed and supplies to be furnished for the use of the Department, where the supplies and work are of a similar character, and the amount involved exceeds the sum of \$1,000.

Contracts were executed for furnishing the following supplies to the various offices, buildings, hospitals and clinics of the Department during the year 1907.

TABLE 113.

Supplies.	Contracts.	Amount.
Butter	\$11,413 03
Bread	5,804 59
Fish	2,099 14
Mineral water	2,323 75
Groceries	17,875 07
Disinfectants	6,051 24
Milk	29,020 43
Meat	51,506 88
Vegetables	6,022 52
Eggs	7,082 93
Ice	5,470 63
Coal	50,842 86
Forage	10,950 28
Drugs	14,027 66
Druggist sundries	6,060 00
Lumber, timber, paints and hardware	21,458 64
Coffee	1,871 36
Gowns, hoods, uniforms, etc.	3,107 25
Textiles	4,432 57
Alcohol	4,757 34
Whiskey	840 00
Crockery	4,677 80
Horses	3,240 00
Iron cribs	2,700 00
Sewer pipes, etc., Otisville, New York	1,614 40
		\$283,780 91
Pipe and fittings, Kingston Avenue Hospital	1,450 00
Total		\$284,639 91

The above schedule does not include a number of awards, each of which amounted to less than \$500, therefore not requiring a formal contract.

Wherever the present system of inspection has shown the need of a more specific description of the supplies to be contracted for the change has been incorporated in the contract form for the succeeding year, and samples of a higher grade were purchased to be used as standards when required; thus the quality of the supplies delivered continues to improve annually.

The following contract forms for furnishing supplies during 1908 were prepared and printed for advertisement and award:

Milk,	Butter,
Bread,	Coal (steamboats),
Fish,	Groceries,
Ice,	Food supplies, Otis Sanatorium,
Mineral waters,	Drugs,
Vegetables,	Chemicals,
Fruits,	Laboratory Apparatus,
Cheese,	Eggs,
Meats,	Forage.

Contracts were approved for the removal of night soil, offal and dead animals, etc., for the year 1907, for a period of five years ending with 1909. These contracts were advertised and awarded in 1905, as follows:

TABLE 114.

Covering Boroughs of	Contractor.	Annual Cost.
Brooklyn and Queens	McKeever & Co.	\$21,200 00
Manhattan, The Bronx, Richmond	M. J. & J. F. White	38,680 00
Total		\$69,880 00

The following contracts for the construction of new buildings, alterations, improvements, etc., were entered into during 1907:

TABLE 115.

Construction of and Location	Contractor	Cost
Erecting fence, Kingston Avenue Hospital.....	Chas. Meads Company..	\$12,840 00
Installing Underground Conduit System, Willard Parker Hospital.....	Gore Duggan Engineering Company.....	14,124 00
Erecting extension to laundry building, Riverside Hospital.....	Stoddard & Hughes.....	26,097 00
Regulating and grading walks and driveways, Willard Parker Hospital.....	Kelly & Keller.....	10,200 00
Erecting office building, Borough of Brooklyn.....	P. Gallagher.....	252,900 00
Installing steam cooking apparatus (Otisville).....	Earl & Cook Company..	1,000 00
Installing boilers, laundry machinery, etc. (Otisville).....	Earl & Cook Company..	3,420 00
Repairs to department building (Manhattan).....	Abram Kaplan.....	1,150 00
Repairs to steamboat "Edson".....	Durfee Dry Dock Company.....	3,250 00
Total.....		\$526,915 00

Contracts were entered into with the following architects for their services in preparing plans and specifications for the construction of the improvements indicated below:

TABLE 116.

Description and Location	Architect	Estimated Fees
Plans, etc., extension to laundry building.....	Westerech & Austin.....	\$2,000 00
Services, isolation building, Kingston Avenue Hospital.....	Perce Griffin.....	7,500 00
Services, refueling of trucks and cottages, Otisville, N. Y.....	J. V. Van Pelt.....	2,000 00
Total.....		\$11,500 00

Contract forms were also prepared and printed for the construction of the following improvements, not as yet advertised nor awarded: Alterations to Drug Laboratory; Isolation Pavilions, Kingston Avenue Hospital; two automobiles; one automobile chassis.

Purchase of Supplies.

The number of requisitions received for the purchase of supplies, etc., for use in the various branches of the Department during the year of 1907, amounted to 5,000, involving an expenditure of \$785,256.25, as compared with the year 1906, when the cost was \$716,592.80, showing an increase of \$68,663.45 expended for supplies over the previous year.

In purchasing supplies for the use of the Department, requisitions properly certified by the executive officers of the different Boroughs are received in the office of the Chief Clerk, examined and presented to the President of the Board of Health for approval and authority to incur the expense. Estimates are then obtained from reputable business concerns or manufacturers, if possible, and the order given to the lowest bidder. Should the amount exceed the sum of \$1,000, the supplies are purchased by contract, the result of public bidding.

Inspection of Supplies.

During the year 1907 there were 5,000 requisitions received on which inspections were made.

Upon receipt of goods at the various institutions they are held until the same have been inspected and passed by the Inspector before being placed in stock, note being made on tissue copy of the order for recording in the office of the Chief Clerk, for the purpose of checking the bills. Perishable supplies, such as meat, fish, grocery supplies, fruits, vegetables, etc., which are furnished on monthly orders on an open requisition, are subject to the same inspection, and are rejected when found necessary.

The departmental divisions from which requisitions were received, include the following: Hospitals, laboratories and offices in the various Boroughs. Requisitions were forwarded as follows:

TABLE 117.

Requisitions.

Department Building, Fifty-first street and Sixth avenue.....	1,497
Borough of The Bronx.....	190
Borough of Brooklyn.....	300
Borough of Queens.....	150
Borough of Richmond.....	240
Research Laboratory.....	468
Chemical Laboratory.....	154
Vaccine Laboratory.....	42
Drug Laboratory.....	155
Riverside Hospital.....	480
Willard Parker Hospital.....	310
Reception Hospital.....	25
Trachoma Hospital.....	168
Kingston Avenue Hospital.....	404
Department Stable, foot of East Sixteenth street.....	67
Tuberculosis Sanatorium, Otisville, New York.....	440
Total.....	5,000

The average number of items on each of the above mentioned requisitions, 5,000, were approximately sixty (60), and the number of orders issued were about five (5) on each requisition, making a total of 25,490 orders issued and 305,400 items inspected.

The Inspector visits each of the hospitals, laboratories, offices, etc., at least once a week, making thorough inspection of the goods received and rejecting those which do not conform to the Department standards and the specifications set forth when the estimate is requested.

During the year several contractors endeavored to deliver a poor quality of merchandise to the hospitals and laboratories. Measures were promptly taken to compel them to fulfill their respective contracts in accordance with the specifications and the standard samples, after which the goods delivered were of a satisfactory character.

The inspection of supplies has proved a great economy in many ways; the force formerly consisted of one man, and was totally inadequate to cover all the institutions. Consequently, it was found necessary to detail an additional Inspector to this particular branch of the service.

A new feature of the inspection of meats, fish, poultry, eggs and grocery supplies furnished under contract, was added to these methods by having the deliveries examined and passed upon by the Meat and Food Inspectors attached to the Sanitary Bureau, in addition to the inspection made by the Inspectors attached to this office and the Matrons of the various institutions.

Inspectors of Construction and Repairs.

The work performed by the four Sanitary Inspectors, who are assigned to the office of the Chief Clerk to supervise the construction of new buildings and repairs and alterations to old buildings, was as follows:

Willard Parker and Reception Hospitals.

Curbing and paving with bricks and wooden blocks the walks and driveways of the grounds.

Installation of a refrigerating plant in the new Research Laboratory; Installation of electric wiring system with fixtures for lighting the grounds and providing buildings with telephone, fire alarm and watchman's detector service.

Painting all outside iron work, sheet metal work and woodwork of the Willard Parker Hospital and new Research Laboratory.

Painting throughout the second floor of the Antitoxin Building and the halls and stairway down to the entrance door.

New water closet and cistern, complete, installed on second floor of Antitoxin Building.

Electric heating system installed in Chemical Laboratory on third floor of Research Laboratory.

Doors of rooms of Chemical Laboratory furnished and fitted with Yale locks and master key.

Specifications made for new laboratory and store rooms for the Chemical Laboratory.

Alterations to new dormitory for female help on second and third floors over disinfecting station finished.

The alteration and conversion of the old Reception Hospital boiler house into a kitchen with all modern appointments finished.

Wagon shed adjoining ambulance station furnished with a new gutter.

New urinal installed on first floor of ambulance station and plumbing on first and third floors repaired.

Horse-run in ambulance station furnished with new plank flooring and same covered with rubber hose throughout.

New platform and scales erected on roof of coal storage structure for the purpose of weighing coal when delivered at the dock by boat.

New sideboard installed in Nurses' dining room in Administration Building.

The 6-inch lead-calked cast-iron pipe underground between the Scarlet Fever Pavilion and Minturn Hospital was removed on recommendation of this Department and replaced by 2-inch galvanized iron screw pipe. Work done by Minturn Hospital authorities.

Bronze tablets have been attached to the wall in vestibules of Administration Building and front walls of new Research Laboratory and Scarlet Fever Pavilion.

New gas brackets furnished in the basement and on the several floors of the Scarlet Fever Pavilion.

New wiremesh guards furnished in the front windows opening from the basement of the Willard Parker Hospital, Administration Building and Scarlet Fever Pavilion.

Kingston Avenue Hospital.

New measles building being erected.

Addition to Nurses' Home being erected.

Morgue building has been completed.

New iron fence being erected on the Kingston Avenue and Winthrop street sides of the property.

Temporary frame structures erected on the tent platform.

Plans for four permanent isolation buildings completed.

Considerable grading and filling in of the grounds has been done.

Steam, water and gas piping was extended and much painting and repairing done by employees on the plant.

North Brother Island.

Addition to laundry building planned and work under way.

South porches of Pavilion No. 1 were inclosed with glass for use as solariums.

Several of the main roadways were paved with brick during the year.

Considerable painting and repairing in buildings was done.

Otisville, New York.

New dairy building completed.

Two new one-story shacks were erected.

Work on laundry equipment was begun.

Pump house was erected.

Water supply and drainage systems largely completed.

Two ice houses were completed.

Alterations were made in the Infirmary Building.

Otis House dining hall and storehouse.

Plans for additions to dining hall were made.

Plans for additional shacks were completed.

Main Office Building, Manhattan.

Specifications and plans were made for additional store rooms in the cellar, first and third floors; for additional electric work; for painting, papering and alterations in various parts of the building and the clinic.

Borough of Brooklyn.

Work for the erection of a new office building for the Borough of Brooklyn was begun by excavating and taking out the cellar space.

Drug Laboratory, Manhattan.

Lighting system was installed throughout the building and general painting and repairs made.

General.

Additional heating radiators were installed in The Bronx Office Building.

Specifications were made and work done in alterations of building used for the clinic, in Jay street, Borough of Brooklyn.

Specifications made for filling in and enclosing vacant and sunken lands to abate nuisances.

Specifications were made for installing electric lights in Trachoma Hospital and Clinics at One Hundred and Eighteenth street and Pleasant Avenue and at Gouverneur slip.

Wire guards were placed in halls, and some general repairs and painting done at the Trachoma Hospital, One Hundred and Eighteenth street and Pleasant Avenue.

Trachoma Clinic at Gouverneur slip was enlarged and a sewer connection put in with plumbing fixtures.

Specifications were made for installing additional lighting in the Brooklyn and Queens offices.

Specifications for painting and repairs were made for improving the Disinfecting Station and Stable in the Borough of Richmond.

Books, Blanks and Stationery.

During the past year 317 special requisitions for printed blanks and stationery supplies were made on the Board of City Record, requiring the printing of over seven million blanks which were ordered for the Boroughs as follows:

TABLE 118.

Printing of Blanks.

Manhattan.....	5,061,425
The Bronx.....	294,450
Brooklyn.....	1,407,300
Queens.....	220,700
Richmond.....	154,450
Total.....	7,147,325

The annual requisition submitted in August for 1908 was much larger than the previous year, as shown by the following schedule:

TABLE 111.

	Books.	Lithograph Blanks.	Printed Blanks.	Book Pages.	Grand Total, 1908.	Ordered in 1907.
Manhattan.....	1,078	\$31,000	4,434,100	466,300	5,234,300	4,686,082
The Bronx.....	68	81,700	373,075	17,000	471,775	479,490
Brooklyn.....	830	153,000	1,522,150	155,000	1,839,150	1,194,078
Queens.....	24	30,000	459,005	6,000	495,005	166,120
Richmond.....	28	47,000	73,440	7,000	127,440	122,100
Total.....	1,818	\$43,500	6,661,770	451,500	7,956,870	6,630,343

This increase is principally due to the changing of the blanks by the Bureau of Municipal Research. Consequently, many of the old forms had to be destroyed and new ones ordered to replace them.

All blanks and stationery when ordered were promptly delivered, with the exception of several large special requisitions which were not allowed by the Board of City Record.

The altering of proofs is a matter requiring careful attention. Requisitions are made for blanks and the form drawn up and when the printer submits the proof for approval, in many instances the wording and form of the blank is completely changed, requiring new proofs to be submitted, in some cases as many as six proofs have been submitted by the printer before the blanks were found to be satisfactory and approved by the Chief of the Division. This usually necessitates an unnecessary delay and extra expense to the City for labor, resetting type, etc.

It is suggested that in the future when blanks are asked for samples in triplicate be prepared by one thoroughly familiar with the necessary form and wording of the blank required, so that it will not be necessary to have the entire make-up of the blank changed and therefore avoid unnecessary expense and delay.

During the past year this Borough has had to supply the Borough offices with many printed blanks ordered for the Manhattan supply, owing to the failure of the Boroughs to order blanks required on the annual requisition.

It is suggested that a competent person be designated in each Division to prepare all blanks and forms and to examine all proofs, which should be submitted to the executive officer in charge of the Bureau and approved by him before requisition is made for the quantity required. This would result in having all blanks uniform in each Borough.

The present system in use in this office for filing copies of printed blanks, and of keeping a record of stock on cards, has proved a success and has greatly facilitated the work of keeping the stationery accounts.

Storing facilities for printed blanks and stationery will be much improved when the new store room that has been completed in the cellar of this building is passed upon and accepted. The building of this storeroom was recommended in the annual report for 1906 and contract was given out last October, but the work has not been accepted and passed upon by the Inspector of Construction, owing to certain details of the work which were not properly finished.

Storehouses.

The following table shows the work performed at the storehouse established at the Riverside Hospital, North Brother Island, during the year ending December 31, 1907:

TABLE 119.

Storehouse, Riverside Hospital.	
Requisitions filed by Storekeeper.....	3,830
Average number of items on each requisition.....	8
Average total number of items for year.....	30,640
Number of requisitions drawn on headquarters.....	540
Number of condemned articles.....	4,900
Estimated value of supplies distributed.....	\$25,000 00

The following table shows the work performed at the storehouse established at the Tuberculosis Sanatorium, Otisville, New York, during the year ending December 31, 1907:

TABLE 120.

Storehouse, Otisville.	
Requisitions filed by Storekeeper.....	3,772
Average number of items on each requisition.....	11
Total number of items averaged.....	38,231
Estimated value of supplies distributed.....	\$62,104 73
Requisitions drawn on headquarters.....	547
Number of articles condemned.....	2,123

The storehouse system having proved practical, it was the intention during the year 1907 to install a storekeeper under the supervision of this office at the Willard Parker Hospital after the completion of the storehouse at that institution. On completion of the storehouse, however, it was found to be entirely too small and inadequate for the needs of the hospitals located at the foot of East Sixteenth street; consequently, the receipt and distribution of supplies still continues under the supervision of the Matron of the hospital. It was also the intention to erect a storehouse at the Kingston Avenue Hospital, and plans were prepared, but have not as yet been approved by the Board of Health.

Sale and Distribution of Department Products, Vaccine Virus, Antitoxin, etc.

There are in operation at this time 316 antitoxin stations in the Greater New York, divided as follows:

Borough of Manhattan.....	177
Borough of The Bronx.....	38
Borough of Brooklyn.....	67
Borough of Queens.....	26
Borough of Richmond.....	8
Total.....	316

TABLE 121.

Antitoxin.	
Stock and ledger accounts, January 1, 1907.....	\$18,277 48
Value of antitoxin received from laboratory.....	152,766 45
	<u>\$171,043 93</u>
Less antitoxin to replace old stock.....	8,000 45
	<u>\$162,983 48</u>
Free distribution.....	\$122,628 35
Cash.....	16,156 98
Discount to agents.....	1,431 83
On sale with agents and ledger accounts.....	20,747 42
Stock on hand.....	2,018 00
	<u>\$162,983 48</u>

Preventive Hydrophobia Treatments.

Amount due on January 1, 1907.....	\$2,121 00
Treatments reported during year.....	10,512 00
	<u>\$12,633 00</u>
Cash receipts.....	9,030 00
	<u>\$3,583 00</u>
Amount due December 31, 1907.....	

TABLE 122.

Vaccine Virus.

Stock and ledger accounts, January 1, 1907.....	\$2,054 52
Value of vaccine virus from laboratory.....	36,002 60
	<u>\$38,057 12</u>
Less virus to replace old stock.....	5,529 65
	<u>\$33,427 47</u>
Free distribution.....	\$18,373 15
Cash.....	9,051 06
Discount to agents.....	3,150 71
On sale with agents and ledger accounts.....	2,246 60
Stock on hand.....	596 95
	<u>\$33,427 47</u>

On May 1, 1906, the Research Laboratory instituted new grades and prices and a method whereby antitoxin was prepared for use in syringe containers. This required the installation of a new bookkeeping and accounting system which has doubled the work of the office, without any increase whatever in the clerical force, which was promised when the system was installed, the clerks being required daily to exceed the official office hours of the Department to complete the work of the day. These conditions continued during the entire year 1907.

Attention is also directed to the fact that only one Inspector of antitoxin stations is employed to inspect, make collections and furnish stock to the 316 stations already established, which is inadequate to insure proper supervision. The appointment of an additional Inspector for this purpose was recommended to the Board during the early part of the year.

Department Hospitals.

Statement of expenditure of the various hospitals controlled by this Department during 1907, showing total cost of operation and maintenance and average per capita cost for each hospital:

TABLE 123.
Cost of Maintenance of Hospitals.*

Expenditures	Willard Parker and Reception.	Trachoma.	Riverside.	Kingston Avenue.	Otisville.
Foods and food supplies.....	\$34,515 02	\$2,600 79	\$57,277 74	\$44,934 90	\$20,726 94
Drugs, instruments and pharmaceutical supplies.....	1,212 48	312 77	525 14	738 12	490 89
Furniture and supplies, including fuel, engineers' supplies, telephone charges, carpenters' and gardeners' supplies, etc.....	21,875 27	803 21	43,224 10	38,375 00	30,493 64
Clothing, boots and shoes, bedding, etc.....	27,125 19	455 40	14,246 79	18,006 21	10,268 10
Repairs and improvements to buildings and grounds.....	1,122 79	1,584 09	6,406 72	2,749 25	2,181 04
Salaries.....	118,046 10	23,800 36	107,000 39	105,037 37	39,821 81
Total.....	\$218,720 85	\$29,558 62	\$224,278 77	\$201,552 00	\$113,284 44

	Willard Parker and Reception.	Trachoma.	Riverside.	Kingston Avenue.	Otisville.
Average daily census of patients for 1907.....	216,148	47,773	300,129	225,087 1/2	118,000
Daily cost of patients per capita.....	\$2,515	\$2,600	\$3,667	\$2,300	\$2,53

* This cost includes the treatment of patients at the two Trachoma Clinics.

Statement of the Work Performed in the Offices of the Assistant Chief Clerks in the Various Boroughs.

The following official reports, communications and applications, summarized and classified as to the subject matter, were received during the year ending December 31, 1907, in the office of the Assistant Chief Clerk, Borough of Manhattan, and submitted to the Board, through the Secretary, for consideration and final action:

TABLE 124.

Official Documents Received.

Special reports and communications submitted to the Board of Health for action.....	828
Premises declared a public nuisance.....	1,008
Premises ordered vacated.....	243
Lodging-house permits granted.....	144
Cow permits granted.....	447
Mercantile permits granted.....	13
Miscellaneous permits granted.....	2,082
Permits denied.....	3,031
Permits revoked.....	2,524
Board orders extended or modified.....	402
Extension or modification of Board orders denied.....	604
Board orders rescinded.....	842
Delayed and imperfect certificates of births, marriages and deaths approved and ordered filed.....	2,027
Corrected certificates of births, marriages and deaths approved and ordered filed.....	1,015
Certificates of registration issued to master plumbers.....	125

Orders Issued by the Board of Health.

Orders of the Board for the abatement of nuisances are issued under the supervision of the Assistant Sanitary Superintendents in the various Boroughs, upon the facts and evidence contained in the written reports of the Sanitary Inspectors, the result of personal inspection of premises complained of. These orders call the attention of owners, lessees and agents to violations of the Sanitary Code and Health Laws in each case, and require the necessary alterations, repairs, cleaning and improvement of the premises named within three days from the receipt of the order. If, upon reinspection, it is found that the requirements of the order have not been complied with, a suit for penalty is commenced against the delinquents under sections 1172 and 1222, chapter 466, Laws of 1901.

Summary of clerical work performed in the various Boroughs in connection with the issuance of Board orders, negative reports filed, and fees paid and certificates issued, the result of searching for sanitary violations against premises; also written references forwarded to other City Departments, as follows:

TABLE 125.
Board Orders.

Borough.	Board Orders Issued.	Negative Reports Filed.	References to Other Departments.	Searches Made and Certificates Issued.	Communications Received and Answered.	Fees Received.
Manhattan.....	14,623	7,409	1,373	1,784	1,349	\$1,004 70
Brooklyn.....	6,752	6,012	1,569	185	41	294 30
The Bronx.....	3,187	1,851	532	228	123	169 00
Queens.....	4,739	318	394	0	0	4 50
Richmond.....	2,134	295	132	1	.....	50
Total.....	30,437	16,385	4,398	2,417	1,513	\$1,472 60

Searches and Transcripts of Births, Marriages and Deaths.

Certified copies of the records of Vital Statistics as may be found to be on file in the Bureau of Records are furnished to applicants authorized to receive same, namely, interested parties, next of kin, legal representatives, etc., upon payment of the fee in such cases prescribed by the Board of Health. Written orders are signed by the Assistant Chief Clerks in the various Boroughs and issued to the Assistant Registrar of Records, authorizing the search and issuance of a transcript of the record, which, in accordance with the regulations of the Board is authenticated by affixing the seal of the Department of Health, and attested by the signature of the Assistant Chief Clerk of the Borough. When search is made and the record is not found to be on file, an official certificate is issued to that effect.

Summary of applications for searches made to the Assistant Chief Clerks in the various Boroughs, showing fees received and work performed in connection with searches and transcripts of the records of births, marriages and deaths on file in the Bureau of Records in the Department:

TABLE 126.
Searches and Transcripts.

Borough.	Applications for Searches.	Transcripts Signed and Authenticated.			Not Found, Certificates Issued.	Communications Received and Answered.	Fees Received.
		Births.	Marriages.	Deaths.			
Manhattan.....	24,315	2,232	2,541	19,357	3,158	5,359	\$12,526 80
Brooklyn.....	12,193	532	1,263	10,928	1,242	622	6,359 10
The Bronx.....	2,006	90	164	2,073	00	152	1,308 80
Queens.....	1,182	75	67	1,194	54	200	370 60
Richmond.....	433	24	32	401	32	94	215 70
Total.....	41,093	4,015	4,067	34,853	4,546	6,478	\$20,981 00

Written Acknowledgment of Complaints Received.

All mail matter and letters addressed to the Department of Health are carefully scrutinized, and those in which complaints are made relative to matters within the jurisdiction of the Department, and giving the names and addresses of the authors, are promptly acknowledged. Those requiring the attention of other City Departments are acknowledged and immediately forwarded for such action as may be found necessary.

TABLE 127.

Statement of the number of written complaints received and answered in the various Boroughs:	
Manhattan.....	4,868
Brooklyn.....	2,850
The Bronx.....	609
Queens.....	993
Richmond.....	524
Total.....	9,454

Money Disbursed.

Statement of the disbursements of moneys in the various Boroughs by the Assistant Chief Clerks, showing the total and the amounts in detail; also the purpose for which the disbursements were made, as follows:

TABLE 128.

Borough.	Department Payrolls.	Hospital Payrolls.	Postage Stamps and Incidental Expenses.
Manhattan.....	\$739,431 76	\$118,111 29	\$32,500 00
Brooklyn.....	252,412 11	205,507 59	5,050 00
The Bronx.....	73,711 77	101,672 02	1,000 00
Queens.....	38,212 75	.....	1,130 00
Richmond.....	66,722 63	.....	449 99
Total.....	\$1,195,448 02	\$325,290 97	\$40,129 99

BUREAU OF RECORDS.

Report of the Bureau of Records for the Year 1907.

POPULATION.

The estimated population of the City for the year 1907 was 4,285,435, based upon the rate of increase shown by the New York State Census of 1905, and the Federal Census of 1900; the estimates by Boroughs are as follows: Manhattan, 2,232,828; The Bronx, 308,256; Brooklyn, 1,448,095; Queens, 220,836; and Richmond, 75,420.

GENERAL STATISTICS.

Births.

The number of births reported during the year reached the high figure, 120,720, thus overtopping the 111,722 births reported in 1906 by 8,998; 68,186 were reported by physicians and 52,536 by midwives; 895 twin and seven triple births were reported. Undoubtedly quite a number still escape registration, but there is every reason to hope that full and complete returns will be obtained within the next few years. The birth rate recorded for the Greater City in the year of its organization, 1898, was 24.12 per 1,000 of the population, and that of the year just closed was 28.17, the highest birth-rate in the history of the Greater City, an increase of over four points in ten years.

Within the limits of the former City of New York (the present Boroughs of Manhattan and The Bronx) there were 74,258 births reported, giving a birth-rate of 29.22 per 1,000, the highest rate on record. There were 38,361 children born to native mothers, and 82,361 to foreign mothers, and as we have no means of ascertaining the number of native born and foreign females at child-bearing ages we are compelled to have recourse to a birth-rate estimated upon the number of females at all ages, which gives the following results:

Estimated number of native-born females.....	1,371,340
Number of births with native-born mothers.....	38,361
Birth rate per 1,000 native-born females at all ages.....	27.98
Estimated number of foreign-born females.....	788,520
Number of births with foreign-born mothers.....	82,361
Birth rate per 1,000 foreign-born females at all ages.....	104.45

It is obvious that the foreign mothers are not shirking the responsibilities of sex, while the native-born mothers are willing and anxious to forego to a considerable extent the honors, pride and happiness of motherhood. Corroboration of this statement is to be had by taking any one of the square blocks situate in the foreign colony sections of the City and estimating the birth-rate therein; an "Italian" square block with over 5,000 inhabitants was credited with 244 births during the year 1907, giving a birth-rate of 47 per 1,000 of the population; in a "Jewish" square block with population of 3,225, the births numbered 141, giving a rate of 43.7 per 1,000; on the other hand, ten square blocks in a neighborhood devoted almost exclusively to private residences the population of which, 5,719, the births numbered 30 and the rate was 5.25 per 1,000, which is partly accounted for by the large number of unmarried domestics living within this area, and the age grouping of married females in private residential districts.

The following table gives the number of births and birth-rates in the Boroughs and City since 1898 to 1906:

Births Reported and Birth-Rates by Boroughs and City, 1898-1906.

Borough.	1898.		1899.		1900.		1901.		1902.	
	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.
Manhattan.....	49,835	27.54	48,397	26.44	50,424	27.23	49,990	26.25	52,201	26.74
The Bronx.....	3,524	21.07	3,671	19.06	4,100	20.45	4,021	18.79	5,220	22.94
Brooklyn.....	21,395	15.54	21,203	18.73	22,572	19.34	22,182	18.40	23,507	18.01
Queens.....	2,826	20.62	2,943	20.77	3,084	20.07	3,127	19.32	3,198	18.70
Richmond.....	1,348	21.14	1,418	21.67	1,449	21.30	1,413	20.21	1,428	20.18
City of New York.....	78,928	24.12	77,632	27.13	81,721	23.71	80,735	22.72	85,644	24.16

Borough.	1903.		1904.		1905.		1906.		1907.	
	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.
Manhattan.....	56,078	27.93	59,196	28.71	60,202	28.43	63,003	29.11	65,771	29.46
The Bronx.....	6,053	25.03	6,913	23.48	6,610	24.39	7,206	25.18	8,487	27.51
Brooklyn.....	27,202	21.29	28,859	21.89	30,074	22.73	32,518	22.59	32,032	21.68
Queens.....	3,802	21.68	3,871	20.48	4,255	21.87	5,040	22.08	5,875	26.22
Richmond.....	1,520	21.68	1,206	22.25	1,602	23.19	1,873	23.25	2,008	26.50
City of New York.....	94,755	25.06	99,355	25.52	103,880	25.81	111,770	26.91	120,720	28.17

Marriages.

The marriages reported during the year 1907 numbered 51,097 against 48,355 in 1906, an increase of 2,742, all the Boroughs showing increases, save that of Richmond, which showed a decrease of 6. This rate (11.92 per 1,000 of population) is the highest rate ever recorded in the history of the City, and reflects the extremely prosperous condition of the country in general and the City in particular; the monetary panic in the late fall had no effect upon the number of marriages reported, the percentage of marriages reported during November and December of 1907 being equal to that of corresponding months in 1906. The following table gives the number of marriages reported and rates per 1,000, in the Boroughs and City since 1898:

Marriages Reported and Marriage Rates by Boroughs and City, 1898-1907.

Borough.	1898.		1899.		1900.		1901.		1902.	
	Number of Marriages.	Rate.								
Manhattan.....	20,718	11.12	20,836	11.36	21,979	11.35	22,895	12.02	24,766	12.67
The Bronx.....	511	3.80	804	4.92	948	4.69	1,067	4.80	1,207	5.93
Brooklyn.....	7,129	6.51	7,612	8.48	8,214	7.94	8,363	6.89	9,074	7.75
Queens.....	656	4.84	710	4.89	768	5.06	777	4.80	768	4.51
Richmond.....	151	3.30	410	6.30	428	6.38	495	5.93	432	6.73
City of New York.....	28,885	8.81	29,474	9.07	32,247	9.36	33,447	9.47	36,207	9.88

Borough.	1902.		1904.		1905.		1906.		1907.	
	Number of Marriages.	Rate.								
Manhattan	25,811	12.90	26,500	12.85	28,498	13.42	32,342	14.87	33,829	15.15
The Bronx	5,354	4.76	5,463	4.97	5,820	5.67	6,027	6.00	6,268	7.36
Brooklyn	9,616	7.50	10,010	7.61	10,778	7.91	11,966	8.51	12,916	8.92
Queens	855	4.76	921	4.67	1,004	5.48	1,120	6.77	1,490	6.75
Richmond	438	6.23	531	7.40	571	8.86	600	9.60	704	9.88
City of New York	38,174	10.10	39,436	10.11	44,671	10.60	48,333	11.64	51,097	11.99

Still-births.

There were 7,351 still-births reported during the year 1907 with a rate of 1.60 per 1,000 of the population, against 6,646 during 1906 with a rate of 1.72 per 1,000.

Deaths.

There were 79,205 deaths with a rate of 18.48 per 1,000 in 1907 against 76,203 with a rate of 18.35 per 1,000 in the year 1906, an increase of 3,002 deaths and .13 of a point; the quinquennial average for the immediately preceding five years was 18.64, consequently the rate for the year 1907 was lower by .16 of a point, or less than one-tenth of one per cent. lower than that for the years 1902-1906, inclusive, indicating that the mortality rate within very recent years has decreased but very little. One of the most important factors acting as a bar to a much larger decrease has been and is the presence in this City of an immense number of foreigners who neither speak nor read the English language, and it is especially among the children of these people that the death-rate is very high. This phase of the question is treated of on pages — of this report. The following table gives the death-rates of the City and its Boroughs since 1898, the year of the formation of the Greater City:

Borough.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.
Manhattan	20.28	19.77	20.97	20.22	18.80	18.43	20.53	18.74	18.32	18.51
The Bronx	22.42	20.23	21.58	22.45	21.60	19.70	24.08	20.25	21.64	20.69
Brooklyn	19.77	19.13	20.15	19.50	17.97	17.27	18.63	17.57	17.82	17.93
Queens	18.60	17.20	17.96	17.30	16.32	14.90	16.04	16.03	17.09	17.47
Richmond	20.48	19.45	20.33	19.71	18.48	17.29	20.25	19.94	20.06	21.51
City of New York	20.16	19.47	20.57	19.90	18.58	17.95	20.07	18.32	18.33	18.48

In the following table the deaths of residents of each borough which have occurred in a borough other than the one of which they were residents at time of death have been distributed among the boroughs, according to residence, thus producing a corrected interborough mortality; for instance, in Manhattan Borough there occurred 940 deaths of residents of other boroughs, and 1,643 deaths of residents of Manhattan were reported in the other boroughs, thus adding 603 deaths to Manhattan's total for the year.

Borough in Which Death Took Place.

Residents of	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Manhattan	.....	396	435	81	28	940
The Bronx	1,262	.....	4	.....	.....	1,266
Brooklyn	83	1	.....	113	4	183
Queens	68	7	96	.....	.....	163
Richmond	133	1	22	1	.....	157
Increase	1,343	409	337	195	32	4,736
Decrease	940	1,266	203	168	159	4,736
Balance	603	837	354	27	127	.....
Total deaths	41,219	5,379	26,043	3,857	4,607	.....
Total corrected deaths	41,922	5,522	26,397	3,884	4,480	.....
Corrected death rates	18.77	17.91	18.19	17.59	19.62	.....

The lack of registration of deaths in the boroughs of Queens and Richmond previous to the formation of the Greater City in 1898 has prevented the preparation of tables giving the mortality rates for the years previous to 1898; in consequence the following table has been prepared to show the decrease in the general death rate in the greater part of the territory now covered by the Greater City; it gives the combined population, deaths and death rates of the former City of New York and the former City of Brooklyn for a period of forty years. The rate for the year 1868 was 27.90 per 1,000, forty years later it had fallen to 18.56, a decrease of 9.34 per 1,000; in other words, if the death rate of 1868 be applied to the population of the present boroughs of Manhattan, Brooklyn and The Bronx it would give the total number of deaths in 1907 as 111,300 deaths in lieu of the 74,041 deaths which actually occurred. In passing it may be mentioned that the age constitution of the population of the City has remained almost constant with the exception of the ages above 55 years, a period of life in which a high mortality rate prevails. A glance at the decennial rates for 1868-'77 and 1898-'07 shows a decrease of 8.05 points per 1,000, or almost 30 per cent. The question naturally arises as to what causes have shown reductions in the mortality rates; were the reductions among the causes that this Department has devoted its skill and energy for forty years in controlling and subduing? Or was it among those that were outside the pale of official and sanitary interference? The tables printed on pages answer the question unequivocally. Typhoid fever shows a decrease of 42 per cent. in its decennial rate of 1868-'07 as compared with that of 1868-'77. Typhus fever has been entirely wiped out as a factor in the mortality tables. Malarial fever has decreased almost 90 per cent. in the decennial compared above, and at present is a negligible quantity in mortality tables. The mortality from smallpox, which caused the deaths of 49 out of every 100,000 of the population in the decennium of 1868-'77, fell to 7 per 100,000 in the decennium of 1878-'87, then to 3 in the next decennium, and finally in the past decennium to 2 per 100,000, a decrease between the first and last decennia of over 95 per cent. Twenty-eight out of 100,000 of the population died from measles in the decennium 1868-'77, against 20 in the past decennium, a decrease of 29 per cent. The mortality rate per 100,000 from scarlet fever dropped from 91 in the decennium 1868-'77 to 20 in the last decade, a decrease of 78 per cent. Diphtheria and croup gave a death rate per 100,000 in the decennium 1868-'77 of 154, and in the past decade one of 53, a decrease of 66 per cent.; that is, where 3 children died from this disease in the first decade 1 died in the last decade; in 1894 the rate

was 163 per 100,000, in 1895—the year of the introduction of diphtheria anti-toxin—the rate was 127, in 1896 it was 86, since which year it has never reached 60, and during 1907 fell as low as 40.

The reduction in the death rate from whooping cough equaled that of diphtheria and croup; 3 children died in the first decade from pertussis to 1 during the past decade.

The death rate per 100,000 from pulmonary tuberculosis in the decennium 1868-'77 was 3.76, in the next one it decreased slightly to 3.58, in the third it fell considerably, to 2.76, and in the last it went down to 2.24, a decrease of 40 per cent., comparing that of the first with that of the last decennium; the death rate from tuberculous diseases other than that of the lungs fell 21 per cent., if the rate of the second decennium (figures for the first decennium not obtainable) be compared with that of the fourth.

The death rate per 100,000 of population from diarrheal diseases under 5 years of age fell from 348 in the first decennium to 156 in the last, a decrease of 55 per cent.

The foregoing causes of death are those that the Board of Health since its organization forty years ago have toiled and labored to eradicate if possible, and if not, to reduce their ravages to a minimum; how successful their labors have been is reflected in the foregoing statements, but we must not lose sight of the far greater value to the community of the addition to its stock in hand of greater physical well-being, of a vast amount disseminated hygienic knowledge and a willing compliance to sanitary regulations and laws.

On the other hand, we will find that those causes over which the Department of Health has not exercised control at any period of its existence have increased gradually until they have become most important factors in the mortality rates, reference being made especially to the acute respiratory diseases, organic heart and kidney diseases, cancer and violence.

The death rates per 100,000 of the acute respiratory diseases in the first decennium was 291 and in the last 315, an increase of 8 per cent.; the pneumonia figures alone show an increase of 25 per cent., but two-thirds of the increase is undoubtedly due to more accurate certification resulting in the transfer of many deaths formerly classified as acute bronchitis to the pneumonia column.

The cancer rates have increased from .39 per 100,000 in the ten years 1868 to 1877 to 67 per 100,000 in the decade 1898 to 1907; an increase of 72 per cent.; part of which may be explained by more precise diagnosis and improved certification, but only part; other causes may be surmised at but no exact explanation has as yet been put forward; the increased consumption of animal food and stimulants, increased competition in the business life and insufficient exercise in the open air have their advocates, but no scientific data are at hand to accept these causes as positive factors in the increased mortality from this painful disease.

The rates from organic heart disease have gradually mounted up from 82 in the year 1877 to 170 in the year 1907, that is, in thirty years the mortality has doubled; the figures for the decennium 1868 to 1877 are not at hand, but the rate of 112 per 100,000 in the decennium 1878 to 1887 increased to 138 in the last decennium, an increase of 20 per cent.

The rate from chronic Bright's disease and nephritis has increased from 67 per 100,000 in the decennium 1868 to 1877 to 139 in the decennium 1898 to 1907, an increase of 107 per cent., that is, the rate has more than doubled.

The rate (from violent deaths) of 108 per 100,000 of the population in the decennium 1868 to 1877 diminished in the next decennium to 93, then increased to 112 in the following decennium and ascended to 119 in the decennium 1898 to 1907, an increase of 10 per cent., comparing the first with the last decennium.

Death Rates of Children Under Five Years of Age.

In the year 1877 the death rate of children under five years, based upon every thousand children living under those years, was 105.3, and in 1907 it was 52.4, a decrease of fifty per cent.; comparing the decennial rate of 1878 to 1887, which was 97.8 per 100,000, with 58.0 the decennial rate for 1898 to 1907, a decrease of 41 per cent. will be obtained.

If we consider for a moment the causes of death which have been touched upon in discussing the decreased mortality at all ages we will find that a large majority are such as affect children at the ages under 5 years, and in which the greatest reductions have taken place; mention may be made of measles, scarlet fever, diphtheria and croup, diarrheal diseases under 5 years of age, whooping cough, other tuberculous diseases, and to a certain degree smallpox and malarial fever; the one disease which showed an increase was cerebro-spinal meningitis, an epidemic of which appeared in 1904, and reached its culminating point in 1905, the most serious and virulent epidemic of this disease that we possess any record of; it is to be hoped that the recent claims made for the specific antitoxin for the cure of this scourge will prove well founded.

Infantile Mortality.

This term is used to express the deaths of infants under one year of age, and is generally calculated upon 1,000 births occurring in the same year but in nearly all the cities of the United States there is no complete registration of births, consequently it would magnify the death-rate if calculated upon incomplete or imperfect returns. In this City during 1907, 120,722 births were reported, but we are safe in assuming that the number of births occurring more nearly approximated the figures 130,000; the infantile death-rate calculation upon the births actually reported was 144 per 1,000 infants born; if calculated upon the assumption that 130,000 infants were born in 1907, then the rate would be 134. This latter rate compares favorably with those of the large cities of Europe, as follows:

Death-Rates Under One Year of Age, Per 1,000 Births.

	Year.	Rate.
London	1906	131
Liverpool	1906	173
Manchester	1906	167
Birmingham	1906	168
Berlin	1903	200
Vienna	1903	187
Paris	1905	111
England and Wales	1906	139
England and Wales (urban counties)	1906	143

If we examine the table printed on page — we will see that out of 185,888 deaths of children under one year of age reported in Old City of New York since 1800, 53,122 or 28.6 per cent., were attributed to diarrheal diseases; 37,504 or 20.2 per cent., to acute respiratory diseases (pneumonia and bronchitis); 53,498 or 28.8 per cent., to congenital diseases; 8,940 or 4.8 per cent., to the contagious diseases of infancy; 7,152 or 3.8 per cent., to that indefinite cause of death, convulsions (many of which probably are the result of natal conditions); 5,845 or 3.1 per cent., to simple meningitis; 4,804 or 2.6 per cent., to tuberculous diseases other than that of the lungs; 1,621 deaths from syphilis, and 1,302 deaths from erysipelas were reported during those eighteen years.

Comparison of Deaths of 1906 and 1907.

The following table shows the number of deaths from the principal causes in the entire City during the year and compares its mortality with that of 1906, indicating the increases and decreases:

Cause of Death.	1906.	1907.	Increase in 1907.	Decrease in 1907.
Typhoid fever	639	734	101	.....
Malarial fever	64	69	5	.....

Cause of Death.	1908.	1907.	Increase in 1907.	Decrease in 1907.
Small-pox	6	9	3	.....
Measles	1,143	728	.....	417
Scarlet fever	491	305	305	.....
Whooping cough	357	393	26	.....
Diphtheria and croup	1,268	1,740	.....	158
Influenza	241	714	473	.....
Dysentery	142	116	.....	26
Pulmonary tuberculosis	8,955	8,999	44	.....
Other tubercular diseases	1,429	1,264	45	.....
Cancer, sarcoma	3,095	3,227	422	.....
Diabetes	652	662	12	.....
Alcoholism	630	719	83	.....
Diseases of nervous system	6,046	5,602	.....	384
Diseases of circulatory system	6,951	8,788	1,837	.....
Bronchitis, acute	1,319	1,048	.....	271
Pneumonia (lobar and broncho)	10,668	11,306	938	.....
Diarrheal diseases (under two years)	1,284	6,246	552	.....
Diarrheal diseases (two years and over)	721	772	51	.....
Other diseases of digestive system	3,158	3,180	28	.....
Bright's disease and acute nephritis	6,108	5,685	.....	423
Puerperal diseases	763	783	20	.....
Congenital debility and malformations	1,600	4,747	142	.....
Old age	890	683	.....	207
Homicides	251	285	22	.....
Suicides	797	719	3	.....
Accidents	3,281	3,915	133	.....
Ill-defined causes	969	667	.....	298
All other causes	3,843	3,918	112	.....
Total	76,202	79,203	5,160	2,158
Balance	.....	5,002	.....	3,000

Typhoid Fever.

There were 101 more deaths reported from this cause in the entire City during 1907 than in 1906; this increase was distributed among the Boroughs as follows: Manhattan, 47; The Bronx, 4; Brooklyn, 41; Queens, 6; and Richmond, 3. In Manhattan the number of cases and deaths reported was 2,387 and 372 respectively, making a case-fatality of 15 per cent.; in The Bronx the number of cases reported was 384 and the deaths numbered 48, the case-fatality 12 per cent.; in Brooklyn the cases were 1,341, deaths 273 and fatality 20 per cent.; in Queens the cases were 171, the deaths 36 and the fatality 21 per cent.; in Richmond the cases were 143, the deaths 13 and fatality 9 per cent. The number of deaths in the City was 740 and the rate 1.73 per 10,000 against 639 deaths and a rate of 1.54 in 1906.

The following table shows the number of deaths and rates per 10,000 in the Old City of New York (present Boroughs of Manhattan and The Bronx), and City of Brooklyn (present Borough of Brooklyn) for a period of 33 years; the fall in the rates in the former City of New York is undoubtedly a much greater one than that shown in the table as many returns upon the certificates of death previous to the institution of the Widal test in the diagnosis of typhoid fever in 1896, gave malaria as the cause of death and many of these returns should have been classed under the heading of typhoid fever; the same thing may be said of the rate in the City of Brooklyn.

Death and Death Rates from Typhoid Fever, Old City of New York and City and Borough of Brooklyn, per 10,000, 1874-1907.

Year.	Old City of New York.			Brooklyn.		
	Deaths.	Death Rates.	Decennial Rates.	Deaths.	Death Rates.	Decennial Rates.
1874	295	2.96	.....	81	2.74	.....
1875	376	3.60	.....	102	2.11	.....
1876	343	3.02	.....	97	3.04	.....
1877	345	3.10	.....	82	3.59	.....
1878	321	2.81	3.44	59	3.21	1.53
1879	268	2.28	.....	59	1.07	.....
1880	372	3.08	.....	74	1.05	.....
1881	594	4.77	.....	99	1.69	.....
1882	516	4.03	.....	91	1.54	.....
1883	625	4.74	.....	92	1.47	.....
1884	676	3.31	.....	107	1.66	.....
1885	498	3.90	.....	153	2.30	.....
1886	433	3.01	.....	183	1.77	.....
1887	421	2.81	.....	143	1.95	.....
1888	364	2.39	2.62	133	2.02	2.00

Year.	Old City of New York.			Brooklyn.		
	Deaths.	Death Rates.	Decennial Rates.	Deaths.	Death Rates.	Decennial Rates.
1880	397	2.53	.....	161	2.06	.....
1890	352	2.18	.....	182	2.25	.....
1891	384	2.31	.....	180	2.16	.....
1892	400	2.34	.....	162	1.80	.....
1893	381	2.17	.....	179	2.00	.....
1894	326	1.80	.....	140	1.65	.....
1895	322	1.72	.....	173	1.74	.....
1896	297	1.56	.....	161	1.58	.....
1897	298	1.54	.....	123	1.62	.....
1898	375	1.90	1.72	270	2.26	2.12
1899	494	2.46	.....	205	1.81	.....
1900	372	1.81	.....	301	2.57	.....
1901	412	1.95	.....	272	2.25	.....
1902	399	1.81	.....	324	2.50	.....
1903	330	1.64	.....	267	2.08	.....
1904	399	1.82	.....	304	2.49	.....
1905	319	1.39	.....	297	2.18	.....
1906	169	1.30	.....	250	1.64	.....
1907	220	1.63	.....	271	1.87	.....

Measles.

Measles was returned as the cause of death upon 728 certificates, a decrease of 417 compared with the figures of the last year; since 1898 measles has shown a marked tendency to assume epidemic proportions in every other year, and 1907 was one of the "off" years; a corresponding decrease in the number of deaths under five years of age from the acute respiratory diseases as experienced in previous years was expected, but the absolute figures from these diseases were slightly in excess of those of 1906 and the reasons therefor will be touched upon in analyzing the deaths from diseases of the respiratory organs.

Scarlet Fever.

There were 796 deaths reported from this cause in 1907 against 491 in 1906, an increase of 305 deaths; the rate in 1906 was 1.18 per 10,000 against 1.86 in 1907, the rate of 1906 having been the lowest recorded since the organization of the Department in 1866. The history of the rate from this cause has been that of a continual lowering since the year 1882 when the number of deaths was 2,958, the rate reached its highest point, 15.7 per 10,000, the nearest approach to these figures were those of 1888 when the number of deaths was 1,836, and the rate 2.1, a decrease of 49 per cent. If we compare the mortality of the highest year, 1882, with that of the year just closed, we find a decrease of 88 per cent.; if we compare the mortality from this cause for the fifteen years previous to 1883 with that for the succeeding twenty-five years, the rate will be seen to have fallen from 9.7 per 10,000 to 3.3, a decrease of 66 per cent.

Whooping Cough.

There were 393 deaths reported from this cause in 1907 against 367 in the previous year, an increase of 26; the rate per 10,000 in 1907 was 0.92 against 0.88 in 1906, a very slight increase.

Diphtheria and Croup.

There were 1,740 deaths reported from this cause during 1907 against 1,898 in 1906, a decrease of 158; the rate per 100,000 in 1907 was 40.6 against 45.7 in 1906, a decrease of 5.1 points per 100,000; the rate for 1907 is the second lowest on record, the rate for 1905 having been 38.4. If we compare the death-rate for the Boroughs of Manhattan, Brooklyn and The Bronx (statistics for Queens and Richmond not available) for the twenty-seven years previous to the general use of diphtheria antitoxin in 1895, with the thirteen succeeding years, there will be found a reduction of 37 per cent., the rates being 152 per 100,000 in the years 1868-1894, and 65 in years 1895-1907 inclusive.

Influenza.

There were 714 deaths reported from this cause in 1907 against 241 in 1906, an increase of 473 deaths, the death-rate having almost trebled. Influenza first appeared in the mortality tables of the City in the last month of the year 1889, assumed epidemic proportions in 1890 and in 1891 reached the culminating point from which time to the present periodic visitations have been noted, but at no one year has its virulence equalled that of 1891, in which year the rate per 10,000 reached 5.15; in 1907 the point reached was 1.69. The number of deaths from the acute respiratory diseases over five years of age increased 595 in 1907 over that of 1906, showing the effect of the infection of influenza upon the following causes, acute bronchitis, broncho-pneumonia and pneumonia.

Pulmonary Tuberculosis.

During the year 1907, 8,955 deaths and a death-rate of 2.10 per 1,000 were recorded, against 8,955 deaths and a rate of 2.16 per 1,000 in 1906. The death-rate per 1,000 in the combined figures of the present Boroughs of Manhattan, Brooklyn and The Bronx (representing over 93 per cent. of the population of the City) was 3.76 in the decennium 1868 to 1877, while the last decennium '98-'07 showed a rate of 2.24 per 1,000, a decrease of 40 per cent.

Other Tuberculous Diseases.

Deaths from these causes amounted to 1,264 in 1907, an increase of 25 deaths over the figures for 1906, the death-rate being a shade lower in 1907 by reason of increase in the population. The decennium from 1878-1887 showed a rate of 9.48 per 1,000 from these causes against 9.38 per 1,000 in the decennium 1898-1907, a decrease of 21 per cent.

Cancer and Sarcoma.

The number of deaths ascribed to malignant growths reached 3,227 in 1907, against 3,005 in 1906, an increase of 222 deaths, the rate per 1,000,000 being 753 and 724 respectively. As has been noted especially in the reports of 1903 and 1904, the mortality from cancer and sarcoma has gradually been on the increase for at least forty years, and whilst it is conceded that part of the increase has been due to a more accurate

certification upon the part of the physician, and an increase at the age groupings of the population at 35 years and over, there is hardly any doubt but that some potent factor or factors are at work in causing this ever increasing mortality. In the decennium 1868-1877 the rate was 390 per million; that of the year 1907 was 753, the mortality in this period of time having almost doubled.

Diseases of the Nervous System.

There were 5,662 deaths and a rate of 1.32 per 1,000 recorded during 1907, against 6,046 deaths and a rate of 1.46 in 1906, a decrease in the number of deaths of 384 and in the rate of .14 of a point. This decrease is accounted for by 170 less deaths reported from cerebro-spinal meningitis—the severe epidemic which prevailed in 1905 moderated considerably in 1906, showed still further signs of a return to the normal condition which existed before the advent of this high wave of infection which apparently recurs at every twelfth year—150 less from convulsions of infants and 104 less from apoplexy, the decrease in the latter two causes being probably due to more precise certification upon the returns.

Diseases of the Circulatory and Urinary Systems.

In 1907 15,055 deaths were reported from these causes, giving a death rate per 1,000 of 3.51, against 13,705 deaths and a rate of 3.30 in 1906, an increase of 1,350 deaths and about 1/5 of a point. It is difficult to state positively the exact causes of this large increase for the year; apparently the epidemic of influenza had its augmenting effect, as the monthly number of organic heart and Bright's diseases were considerably increased during the months when influenza was present; other causes generally given are those relating to strenuous age in which we live, much stress being put upon the increased consumption of highly seasoned animal food and stimulants, and the lack of physical exercise in the open air. The death rate per 1,000 from organic heart and chronic and acute Bright's diseases increased from 1.95 in the decennium 1878-1887 to 2.44 in the next decennium, and 2.77 in the last decennium, an increase in the last over the first of 42 per cent.

Acute Respiratory Diseases.

There were 12,854 deaths reported from acute bronchitis, and broncho and lobar pneumonia during 1907, an increase of 667 deaths; the mildness of the measles epidemic of 1907 as compared with that of 1906 would lead to the expectation of a decreased mortality from the acute respiratory diseases at the ages under 5 years, but the figures at those ages show an increase of 72 deaths above those of 1906, the rate for 1907 being slightly lower than that of 1906; one of the causes operating against a reduced mortality at those ages was the presence of a severe epidemic of scarlet fever, from February to July, 1907, with an increased mortality from the broncho-pneumonias during those months as a sequel of this prevalence; on the other hand, the increase in the pneumonias above 5 years of age was 595, due to the severe epidemic of influenza present at the beginning and end of the calendar year.

Diarrheal Diseases Under 2 Years of Age.

In 1907 6,346 deaths and a death rate of 1.48 per 1,000 of the entire population were recorded, against 5,784 deaths and a rate of 1.39 during the previous year; this increase in the mortality from these causes was unexpected, as the campaign for pure milk has been going on now for two years, with apparently no beneficial effect upon the health of the young babies; the death rate from diarrheal diseases under 5 years of age has been either at a standstill these past four years or at a slight increase. To be sure,

the mortality rates from these causes have decreased immensely, if we compare those of twenty, thirty or forty years ago with those of the present day; for instance, during the decennium 1868-'77 there were reported 49,568 deaths of children under 5 years of age from diarrheal disease, producing a death rate of 3.48 per 1,000 of the population; during the past decennium 54,499 deaths of children under 5 years of age from diarrheal diseases were reported, with a death rate of 1.56 per 1,000; if the rate 3.48 of the first decennium be applied to the average population of the City during the past decennium the number of deaths would have been 121,833 in place of 54,499, a difference of 67,334 deaths.

The most fruitful causes of infantile mortality during the summer months are, first and foremost of all, the neglect or ignorance of the mother who will not nurse her child at the breast, for it has been proved beyond peradventure that very few breast-fed babies die from diarrheal diseases; second, the ignorance and neglect of the mother or nurse in not properly protecting the milk supply for hand or bottle fed babies from infection; third, the congested and unsanitary surroundings among which the majority of the children born in this City are reared. Education of the parent is the first necessary step towards accomplishing the desired end; a great many mothers would gladly save the lives of their offspring if shown how to do it. This step is not so easy as it seems, as in this great city of ours there are hundreds of thousands of parents who do not read nor write the English language. Only in cases of complete failure of the maternal milk supply should artificial feeding be countenanced. Second step, the supervision of the milk supply of the City; this step was taken years ago, and there is in all probability not a large city in the world that can compare with this city as to the purity of its milk supply. Additional safeguards are the Pasteurization of the milk intended for feeding of children, attention to the infant's ablutions, the taking advantage of the purer air of the parks and recreation piers, and the opportunities offered by private and public philanthropy to escape the torrid heat by excursions to the seaside, etc.

Violence.

There were 4,911 violent deaths reported during the year 1907, an increase of 170 above the previous year, divided among the subdivisions as follows: Homicide, 32; suicide, 3, and accidents, 135. The death rate from these causes was 1.08 per 1,000 during the decennium 1868-'77, which fell to 0.93 during the following decennium, rose to 1.12 during the next decennium, and again rose to 1.19 during the last decennium; the large number of deaths from sunstroke in 1872 accounts for the high rate from violent deaths in the first decennium, the absence of a protracted heated spell account for the low rate in the decennium 1878-'87; the two years 1892 and 1896 contained two periods of intense heat, thus sending up the rate from violent deaths in the decennium 1888-'97; in the decennium 1898-1907 the intense heat of the three weeks, June 23 to July 13 of the year 1901 caused the unusual number of 1,158 deaths from sunstroke, and in the year 1904 the burning of the excursion boat "General Slocum," with a loss of 918 lives, increased considerably the rate from violent deaths.

Searches and Transcripts.

During 1907 98,504 searches were made of the records of births, marriages and deaths, against 90,964 in 1906, an increase of 7,540; fully 50 per cent of the total searches were made without charge to aid children to obtain employment certificates and admission into the public schools; 42,788 certified transcripts of the records were issued, for which a charge was made of 50 cents for the first copy and 10 cents for each additional one.

REPORT OF BUREAU OF RECORDS.

For the Year Ending December 31, 1907.

	Borough of					City of New York
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Number of deaths.....	41,219	6,379	26,043	3,857	1,607	79,205
Death rates.....	18.51	26.69	17.98	17.47	21.31	18.48

* The death rate in the Borough of The Bronx is materially increased by the deaths in institutions, most of the inmates having been transferred from the Borough of Manhattan.

Borough.	Estimated Population.	Certificates Received and Tabulated.				Rate Per 1,000.				Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.
		Marriages.	Births.	Deaths.	Still-births.	Marriages.	Births.	Deaths.	Still-births.				
Manhattan.....	2,232,660	33,870	65,777	41,319	4,140	15.15	29.46	18.51	1.85	9,004	3,040	37,851	24,150
The Bronx.....	308,436	2,208	8,487	6,379	458	7.16	27.53	20.69	1.49	21	859	7,439	3,191
Brooklyn.....	1,448,095	12,916	38,632	26,043	2,993	8.92	26.68	17.98	2.09	590	1,348	28,737	13,626
Queens.....	220,816	1,494	5,845	3,857	246	6.75	26.48	17.47	1.12	22	681	3,533	1,985
Richmond.....	75,420	391	2,005	1,607	104	7.88	26.50	21.31	1.38	4	263	924	462
City of New York.....	4,285,435	51,097	120,720	79,205	7,351	11.94	28.17	18.48	1.72	9,142	11,092	68,594	42,788

	Borough of					City of New York
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Number of deaths in institutions.....	16,086	4,578	8,042	57	650	29,863
Number of deaths in tenements.....	21,967	4,483	12,592	1,016	716	37,874
Number of deaths in dwellings.....	1,795	1,325	6,879	2,092	747	12,738
Number of deaths in hotels and boarding houses.....	535	23	93	70	26	769
Number of deaths in streets, rivers, etc.....	1,006	160	433	137	88	1,824

Particulars Regarding Births, Deaths, Marriages and CITY OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* The returns of Births, Marriages and Still-births are incomplete.

† Sex undetermined, 79.

BOROUGH OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* Sex undetermined, 49.

BOROUGH OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* Sex undetermined, 7.

BOROUGH OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* Sex undetermined, 19.

BOROUGH OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* Sex undetermined, 4.

BOROUGH OF

Table with 16 columns: Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Percentage of Mixed Nationalities (M, F), Percentage Unknown or Not Stated (M, F). Rows include Marriages, Births, Deaths, Still-births.

* Sex undetermined, 0.

Still-births Reported During the Year Ending December 31, 1907.

NEW YORK.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
47,311	47,311	.....	.....	3,314	3,180	472	597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24,327	17,206	24,204	10,183	4,504	8,034	55	39	554	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	110	304	613	874	1,111	961	3,026	301	29

MANHATTAN.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
21,795	21,576	.....	.....	1,726	1,810	308	414	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13,141	9,187	7,228	5,087	3,248	3,010	36	38	360	68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	75	183	357	493	666	530	1,599	240	4

THE BRONX.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
2,932	2,956	.....	.....	311	186	23	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,957	1,279	1,206	895	382	627	1	1	32	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	44	17	51	13	62	160	47	32

BROOKLYN.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
11,620	21,229	.....	.....	1,174	987	119	139	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7,174	5,648	4,658	3,544	1,508	2,020	45	10	168	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	24	82	134	308	324	302	1,079	13	8

QUEENS.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
1,273	3,341	.....	.....	121	137	14	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
649	818	272	591	210	381	2	.....	40	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	11	34	37	63	31	142	1	2

RICHMOND.

Single.		Married.		Widowed.		Divorced.		Not Stated.		Month of Uterogestation.										
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Not Stated.
531	548	.....	.....	25	40	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
306	283	120	157	123	159	1	.....	16	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	10	17	16	56	.....	.....

Cause of Death.	All Ages	Under 1 Year	Total Under 5																	85 and Over	Colored	Chinese					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
45. Cancer of other organs and unspecified.....	199	5	1	..	..	..	6	2	1	2	4	2	11	12	15	28	29	15	22	17	11	10	3	1	8	..	
46. Other tumors (except of female genital organs).....	18	1	..	..	..	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism.....	204	3	2	2	6	7	20	20	26	17	12	8	12	12	9	9	10	2	9	7	8	8	..	1	3	..	
48. Chronic rheumatism and gout.....	63	..	..	..	..	..	..	1	..	1	..	..	1	1	3	8	5	2	2	10	8	7	1	3	2	..	
49. Scurvy.....	9	5	1	..	1	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
50. Diabetes.....	473	1	..	..	..	1	2	4	6	3	4	8	10	14	17	27	29	50	50	50	42	21	9	3	2	..	
51. Exophthalmic goitre.....	30	2	..	..	..	..	2	..	..	1	2	2	6	2	1	5	4	2	1	1	..	..	..	..	..	..
52. Addison's disease.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53. Leukemia.....	13	2	1	..	..	..	3	1	..	2	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54. Anemia, chlorosis.....	79	..	1	1	..	..	4	2	1	2	2	4	4	4	2	2	8	10	10	4	3	4	1	1	1	..	
55. Other general diseases.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic.....	137	..	..	..	..	..	..	..	..	1	6	10	20	34	38	31	8	3	8	2	3	1	1	..	..	..
57. Lead poisoning.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings.....	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.																											
60. Encephalitis.....	7	..	..	1	..	..	1	2	1	1	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
61. Simple meningitis.....	458	189	77	48	33	22	269	59	27	25	14	8	12	8	9	5	5	4	7	3	1	..	1	1	10	1	..
61a. (of which) cerebrospinal meningitis.....	261	52	41	17	20	13	144	41	18	19	12	6	5	3	4	1	1	..	2	2	..	..	..	..	..	..	..
62. Locomotor ataxia.....	24	..	..	..	..	..	..	..	..	..	..	..	1	1	2	2	3	3	1	4	1	..	..	..	..	..	..
63. Other diseases of spinal cord.....	108	11	6	3	2	1	23	6	4	4	4	2	4	4	5	7	3	11	12	7	4	2	4	2	1	..	..
64. Apoplexy, congestion of brain.....	1,360	19	4	1	..	..	13	2	..	1	2	10	16	36	59	83	124	173	191	199	160	137	68	62	32	..	..
65. Softening of brain.....	19	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	1	1	4	4	..	4	1	..	..	..
66. Paralysis, unspecified.....	90	..	1	..	1	1	3	..	1	2	..	1	..	7	3	2	6	12	7	9	10	12	10	4	3	..	..
67. General paresis.....	14	..	..	..	..	..	..	..	..	1	2	1	2	1	2	2	3	2	4	9	9	5	1	2	..	..	..
68. Other forms of insanity.....	24	..	..	..	..	..	..	..	..	2	1	2	3	1	3	2	1	2	2	2	..	1	..	..	..	..	..
69. Epilepsy.....	54	..	1	..	..	..	2	2	2	2	10	6	3	3	1	4	2	2	4	4	1	1	1	1	..	..	..
70. Convulsions (not puerperal).....	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants.....	247	202	29	11	2	2	240	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
72. Tetanus, trismus.....	15	9	1	..	..	1	11	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
73. Chorea.....	8	..	..	..	..	..	..	2	1	2	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
74. Other nervous diseases.....	73	4	3	..	2	3	14	3	4	4	4	4	5	4	1	2	2	3	4	..	2	1	2	2	1	..	..
75. Diseases of the eyes.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears.....	78	16	4	6	1	4	21	3	4	4	6	2	3	3	4	5	4	3	1	8	..	1	..	..	..	..	..
III.—Diseases of Circulatory System.																											
77. Pericarditis.....	26	1	2	..	1	..	5	3	4	1	1	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..
78. Acute endocarditis.....	247	3	..	2	1	3	11	12	11	6	8	18	11	12	23	11	19	21	14	18	23	17	7	7	9	..	..
79. Organic heart diseases.....	3,171	10	2	6	8	10	35	47	55	88	100	128	153	219	210	221	294	221	413	404	327	209	150	81	163	..	..
80. Angina pectoralis.....	77	..	..	..	..	..	..	..	..	1	1	1	2	4	5	4	2	11	8	11	9	5	4	1	1	..	..
81. Diseases of arteries, aneurism, etc.....	207	..	..	..	..	..	..	..	..	1	1	2	2	2	4	4	19	20	18	27	37	26	12	2	..	..	..
82. Endoarteritis, thrombosis.....	107	2	..	1	..	..	3	1	1	2	2	1	2	2	2	3	13	8	11	10	12	4	8	5	..	..	..
83. Diseases of veins (hemorrhoids, varices, phlebittis, etc.).....	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.).....	6	4	1	..	..	..	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
85. Hemorrhage.....	47	28	..	..	..	..	35	..	1	3	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
86. Other diseases of circulatory system.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.																											
87. Diseases of the nasal fossae.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx.....	21	4	2	2	3	1	15	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
89. Diseases of thyroid gland.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis.....	116	274	74	17	7	2	274	8	7	..	2	1	..	2	1	1	1	5	12	12	23	29	19	27	19	..	..
91. Chronic bronchitis.....	180	2	1	1	1	..	14	..	1	3	3	3	2	5	1	4	9	5	10	10	20	29	23	20	4	..	..
92. Bronchio-pneumonia.....	2,745	1,086	517	186	69	44	1,082	53	9	18	28	29	24	37	28	49	45	63	93	84	28	26	26	26	20	..	..
93. Pneumonia.....	2,241	160	189	81	41	25	609	97	20	20	59	90	125	144	120	134	140	161	223	186	113	102	64	51	70	1	..
94. Pleurisy.....	117	11	20	6	5	1	40	4	..	4	3	4	9	6	4	7	5	6	6	6	3	2	1	..	..	..	..
95. Congestion of lungs, pulmonary oedema.....	39	8	1	..	..	2	11	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
96. Congestive lung.....	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
97. Asthma.....	52	1	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema.....	38	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted).....	21	2	..	1	..	..	3																				

Recapitulation.

Table with columns: Cause of Death, All Ages, Under 1 Year, 1, 2, 3, 4, Total Under 5, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85 and Over, Colored, Chinese. Rows include I.—General diseases, II.—Diseases of nervous system, III.—Diseases of circulatory system, etc.

BOROUGH OF THE BRONX.

Deaths of Females by Age, and Cause of Death, for the Year Ending December 31, 1907.

Table with columns: Cause of Death, Total Both Sexes, All Ages, Under 1 Year, 1, 2, 3, 4, Total Under 5, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85 and Over, Colored, Chinese. Rows include 1.—General Diseases, 1. Typhoid fever, 2. Typhus fever, 3. Relapsing fever, etc.

Cause of Death.	All Ages	Under 1 Year	1	2	3	4	Total Under 5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85 and Over	Colored	Chinese	
54. Anemia, chlorosis	37	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
55. Other general diseases	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
56. Alcoholism, acute and chronic	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
57. Lead poisoning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
58. Other chronic poisonings of occupation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
59. Other chronic poisonings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
II.—Diseases of Nervous System and Organs of Sense.																											
60. Encephalitis	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
61. Simple meningitis	106	24	13	8	8	5	58	28	6	9	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
61A. (Of which) Cerebro-spinal meningitis	71	9	8	5	6	4	32	17	5	7	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62. Locomotor ataxia	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63. Other diseases of spinal cord	43	4	3	1	1	1	10	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64. Anoxia, congestion of brain	194	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65. Softening of brain	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66. Paralysis unclassified	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67. General paresis	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68. Other forms of insanity	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69. Epilepsy	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70. Convulsions (not sub-epileptic)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
71. Convulsions of infants	88	68	15	4	1	1	88	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72. Tetanus, trismus	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73. Chorea	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74. Other nervous diseases	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75. Diseases of the eyes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
76. Diseases of the ears	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
III.—Diseases of Circulatory System.																											
77. Pericarditis	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
78. Acute endocarditis	164	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
79. Organic heart disease	1214	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80. Angina pectoris	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
81. Diseases of arteries, aneurism, etc.	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
82. Embolism, thrombosis	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
83. Diseases of veins (thrombosis, varices, phlebitis, etc.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
84. Diseases of lymphatics (lymphangitis, etc.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
85. Hemorrhage	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
86. Other diseases of circulatory system	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IV.—Diseases of Respiratory System.																											
87. Diseases of nasal fossae	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
88. Diseases of the larynx	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
89. Diseases of thyroid glands	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
90. Acute bronchitis	264	148	44	11	1	1	148	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91. Chronic bronchitis	95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
92. Broncho-pneumonia	802	278	148	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
93. Pneumonia	633	100	13	13	17	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
94. Pleurisy	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
95. Congestion of lungs pulmonary apoplexy	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
96. Gangrene of lung	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
97. Asthma	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
98. Pulmonary emphysema	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
99. Other diseases of respiratory system (phtisis excepted)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
V.—Diseases of Digestive System.																											
100. Diseases of mouth and pharynx	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
101. Diseases of pharynx	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
102. Diseases of esophagus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
103. Ulcer of stomach	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
104. Other diseases of stomach (cancer excepted)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
105. Diarrhea and enteritis (under two years)	1000	602	174	1	1	1	1,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
106. Diarrhea and enteritis (two years and over)	140	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
107. Intestinal parasites	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
108. Hernia, intestinal obstruction	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
109. Other diseases of intestines	14	1																									

Recapitulation.

Cause of Death.	All Ages	Under 1 Year	Age Group																	85 and Over	Colored	Chinese				
			1	2	3	4	Total Under 5	5	10	15	20	25	30	35	40	45	50	55	60				65	70	75	80
I.—General diseases.....	135	8	5	7	5	4	26	8	8	7	6	9	5	6	10	8	7	12	8	9	3	3	..	..	1	..
a. Tuberculous diseases.....	41	2	2	1	1	..	6	..	1	4	5	9	3	3	4	3	..	2	..	1	..	..	..	..	1	..
b. Cancer.....	39	..	..	..	..	..	..	..	..	..	..	..	..	3	6	4	5	7	6	6	1	1	..	..	..	..
II.—Diseases of nervous system and organs of sense.....	46	4	1	3	3	1	12	..	..	1	..	1	..	2	1	3	5	4	6	5	6	..	..	..	..	1
III.—Diseases of circulatory system.....	34	..	1	..	..	..	1	3	..	2	..	1	..	5	5	5	4	5	2	7	4	5	4	1	2	..
IV.—Diseases of respiratory system.....	108	21	6	3	2	..	33	1	1	3	2	1	4	5	1	3	3	6	9	8	14	6	4	7	2	..
V.—Diseases of digestive system.....	110	63	8	..	..	..	21	1	..	3	1	2	4	1	4	2	3	4	5	3	1	2	..	..	4	3
VI.—Diseases of genito-urinary system.....	50	..	..	..	..	..	..	1	..	3	..	4	4	2	1	4	2	5	7	6	6	7	5	3	3	..
VII.—Puerperal diseases.....	12	..	..	..	..	..	..	..	..	1	4	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IX.—Diseases of locomotory system.....	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
X.—Malformations.....	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
XI.—Diseases of infancy.....	32	37	..	..	..	..	37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
XII.—Diseases of old age.....	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	3	3	3	..	3	6	..
XIII.—External causes.....	10	..	..	1	1	..	3	3	..	3	2	2	2	2	..	1	1	1	1	..	..	..	..	..	..	3
a. Suicide.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
b. Homicide.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
c. Accident.....	15	..	..	1	1	..	3	3	..	3	..	2	1	1	..	1	..	1	..	..	..	..	..	..	..	1
XIV.—Causes ill defined.....	11	10	1	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total females.....	809	147	20	13	11	5	108	14	6	30	11	23	24	20	27	25	33	39	41	41	34	25	15	23	16	..

Monthly Mortality from the Principal Causes, for the Year ending December 31, 1907.

Cause of Death.	Borough of Manhattan.												Borough of The Bronx.														
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	
Total, all causes.....	3,812	3,472	3,871	3,538	3,454	3,282	3,455	3,643	3,022	3,075	2,905	3,740	41,319	254	606	538	557	499	436	592	550	461	476	490	577	5,170	
1. Typhoid fever.....	18	29	26	40	35	18	17	31	45	31	36	20	372	1	1	2	8	5	3	6	7	4	3	3	7	49	
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Malarial fevers.....	..	..	1	3	3	..	..	3	..	4	..	16	..	..	..	..	..	..	..	..	..	..	..	..	7	
4. Smallpox.....	..	..	44	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Measles.....	8	13	21	10	12	12	68	48	13	10	19	33	377	4	3	1	13	10	10	17	8	4	4	1	103		
6. Scarlet fever.....	18	19	29	43	47	32	53	65	12	12	10	34	333	2	2	11	8	10	9	1	8	1	3	5	16	27	
7. Whooping cough.....	14	11	10	18	16	22	11	27	11	7	5	7	108	3	1	3	3	1	6	3	3	1	2	..	..	33
8. Diphtheria and croup.....	95	94	72	80	79	92	59	47	40	51	49	80	827	15	15	5	18	15	15	27	13	13	14	16	174		
9. Influenza.....	51	44	30	19	2	1	1	..	2	8	13	101	321	11	2	1	3	15	40
10. Asiatic cholera.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Cholera nostras.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Other epidemic diseases.....	29	27	37	27	27	21	16	11	13	10	13	19	251	4	1	1	3	..	6	3	8	..	4	..	..	26
13. Tuberculosis pulmonalis.....	433	398	476	445	398	350	343	335	289	339	343	419	4,570	141	152	149	160	165	167	168	166	94	111	113	118	1,460	
14. Tubercular meningitis.....	27	31	43	47	38	35	35	37	45	31	25	34	454	2	2	3	3	3	5	5	6	6	6	..	..	50
15. Other forms of tuberculosis.....	17	22	27	12	21	24	17	23	16	18	16	18	230	3	2	3	2	4	..	3	3	3	4	4	..	29	
16. Cancer, malignant tumors.....	122	121	126	144	141	159	154	143	135	158	145	166	1,782	16	30	28	23	13	21	18	20	21	22	14	22	230	
17. Meningitis, simple.....	64	54	72	81	113	62	49	39	42	40	36	38	677	2	3	2	8	11	6	7	3	11	6	5	..	84	
17a. Cerebro-spinal meningitis.....	41	30	38	46	81	38	28	25	26	22	18	20	433	1	1	4	6	7	4	3	2	1	4	1	..	28	
18. Apoplexy, congestion and softening of brain.....	117	113	107	107	94	100	86	88	76	102	92	120	1,199	28	25	20	20	14	9	16	16	12	20	13	10	234	
19. Organic heart disease.....	314	284	305	282	333	293	268	230	290	394	324	350	3,607	39	66	40	42	34	46	48	31	34	37	31	37	604	
20. Acute bronchitis.....	39	52	44	30	38	30	34	22	22	19	27	23	351	3	3	1	3	4	7	1	7	3	3	1	..	54	
21. Chronic bronchitis.....	14	8	10	10	13	12	..	6	9	7	10	23	122	..	..	..	..	1	1	1	3	1	1	3	..	21
22. Pneumonia (excluding broncho-pneumonia).....	434	376	436	360	277	183	113	116	128	166	249	337	3,377	55	57	40	31	41	33	9	11	10	18	18	30	397	
22a. Broncho-pneumonia.....	397	353	362	317	289	283	216	244	337	385	249	381	3,441	46	52	39	27	36	27	10	14	11	17	15	27	253	
23. Diseases of stomach (cancer excepted).....	22	12	12	13	16	2	24	10	17	13	11	13	173	3	3	3	7	3	3	3	4	3	6	3	..	53	
24. Diarrhea (under five years).....	100	105	136	127	133	147	391	903	331	371	191	90	3,268	10	8	8	14	11	3	108	118	49	33	7	13	375	
25. Hernia, intestinal obstruction.....	33	24	24	27	26	27	25	14	19	23	31	28	293	3	4	1	1	3	2	6	3	6	2	3	..	42	
26. Cirrhosis of liver.....	36	44	48	39	43	36	43	41	43	38	39	48	510	6	7	5	5	1	6	7	3	3	6	2	..	81	
27. Bright's diseases and nephritis.....	301	281	298	246	254	319	221	197	173	227	205	237	2,873	17	42	30	22	34	31	36	26	21	20	14	33	376	
28. Diseases of women (not cancer).....	10	24	20	14	13	20	18	10	12	12	10	19	182	..	..	..	..	1	..	..	..	..	..	..	..	..
29. Puerperal septicoemia.....	12	11	24	15	10	13	11	11	4	6	11	14	142	2	1	3	4	1	1	4	1	..	..	..	..	..
30. Other puerperal diseases.....	21	28	24	17	22	20	21	20	13	19	22	26	282	2	2	3	1	1	4	3	3	3	2	..	..	29
31. Congenital debility and malformations.....	273	224	252	231	203	217	228	263	210	246	268	228	2,804	29	26	24	23	23	37	16	30	27	26	24	35	318	
32. Old age.....	30	21	27	19	16	11	10	10	18	18	14	23	226	3	1	3	1	2	3	19	3	..	..	..	..	43
33. Violent deaths.....	218	207	166	227	241	257	262	248	199	232	226	228	2,721	28	35	25	26	27	25	42	28	21	22	26	19	376	
a. Sunstroke.....	..	..	..	..	..	11	18	1	1	..	..	..	31	..	..	..	..	..	..	..	..	..	..	..	..	..
b. Other accidents.....	189	166	125	180																							

Cause of Death	Borough of Manhattan												Borough of The Bronx													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Sixty-five years and over	666	550	593	497	444	493	376	319	329	422	440	511	5,531	66	91	86	70	60	51	60	52	57	70	73	118	910
Seventy years and over	474	373	379	318	305	271	229	200	225	256	266	441	3,660	72	65	58	40	35	34	47	36	36	50	53	73	640
Males	2,081	1,925	2,150	2,009	2,093	1,834	1,994	2,043	1,974	1,711	1,570	2,116	22,933	320	334	304	330	290	259	328	297	249	280	262	310	3,581
Females	2,779	1,547	1,701	1,558	1,451	1,448	1,351	1,500	1,330	1,547	1,334	1,623	18,286	244	272	234	227	200	197	265	262	213	190	228	248	4,798
Colored	126	100	100	130	102	114	119	141	101	96	94	122	1,375	10	17	11	15	22	20	18	12	15	14	21	18	100
Chinese	3	1	1	3	10	5	2	5	2	6	2	3	70	1	1	1	1	1	1	1	1	1	1	1	1	1

Cause of Death	Borough of Brooklyn												Borough of Queens														
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	
Total, all causes	2,425	2,202	2,209	2,066	1,865	1,884	2,138	2,495	1,858	1,810	1,874	2,399	26,043	328	325	314	295	290	268	280	279	238	224	223	203	2,837	
1. Typhoid fever	18	10	10	12	11	13	10	28	26	42	43	30	271	1	1	3	2	1	2	4	5	2	3	3	2	56	
2. Typhus fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Malarial fever	1	3	2	1	1	3	5	6	5	6	6	2	42	—	—	—	—	1	1	—	—	—	—	—	—	3	
4. Smallpox	1	—	—	2	2	2	1	—	—	—	—	1	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Measles	14	14	19	12	25	33	31	33	1	37	9	54	289	1	—	—	1	—	—	1	1	—	1	—	—	5	
6. Scarlet fever	21	25	40	31	27	35	22	11	8	16	20	20	127	—	4	1	5	2	3	8	1	1	1	6	0	43	
7. Whooping cough	16	11	10	13	18	11	11	30	13	6	3	1	152	2	2	5	4	5	2	1	2	—	—	—	—	23	
8. Diphtheria and croup	46	35	21	30	35	30	44	37	24	31	43	30	601	12	7	7	6	5	6	8	4	4	12	11	0	56	
9. Influenza	76	34	47	26	13	16	—	—	4	1	10	62	334	3	2	2	3	—	2	—	—	—	—	—	—	6	
10. Asiatic cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11. Cholera nostras	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12. Other epidemic diseases	10	11	17	10	10	13	13	21	8	9	2	1	133	2	—	—	—	2	1	2	6	6	1	1	1	23	
13. Tuberculosis pulmonalis	418	438	430	249	237	178	192	200	187	172	136	215	2,513	33	30	30	31	30	25	21	14	18	20	17	25	397	
14. Tubercular meningitis	11	12	20	21	15	15	19	17	13	19	10	16	203	—	2	2	1	3	4	1	3	5	—	2	1	23	
15. Other forms of tuberculosis	11	13	10	19	21	11	8	30	17	18	10	19	200	1	3	4	—	1	4	5	2	2	1	—	1	24	
16. Cancer, malignant tumors	76	80	87	81	77	86	74	84	78	70	70	38	601	7	6	13	8	8	11	9	16	10	14	16	11	146	
17. Meningitis, simple	21	20	28	19	24	19	19	22	13	15	17	17	239	3	3	7	6	9	3	4	5	7	1	1	1	53	
17a. Cerebro-spinal meningitis	17	10	21	10	13	12	12	15	9	9	7	7	127	1	2	—	3	4	1	1	1	6	—	—	—	1	19
18. Apoplexy, congestion and softening of brain	199	21	74	93	94	79	80	79	61	90	87	103	1,038	17	11	6	8	3	9	9	6	10	7	7	0	102	
19. Organic heart disease	254	218	242	218	164	178	190	193	160	119	161	275	2,870	25	27	27	21	28	31	23	21	20	22	22	20	323	
20. Acute bronchitis	60	58	48	36	34	31	29	32	24	34	30	37	323	14	11	12	6	7	2	1	4	4	6	3	6	81	
21. Chronic bronchitis	31	22	21	20	21	12	6	7	7	3	12	11	120	5	2	2	2	—	—	2	—	—	—	2	2	17	
22. Pneumonia (excluding bronchopneumonia)	305	268	242	217	171	128	11	84	74	114	124	188	2,122	40	46	35	47	16	16	8	8	14	16	28	16	294	
22a. Bronchopneumonia	165	122	121	140	136	111	67	123	70	95	133	185	1,384	31	30	30	21	28	15	17	21	12	17	22	22	262	
22. Diseases of stomach (transer ex-remed)	11	10	11	17	17	15	14	17	11	22	14	15	181	2	1	—	2	2	2	1	2	1	1	1	1	24	
24. Diarrheas (under five years)	57	57	52	61	66	68	130	651	132	281	54	53	1,277	6	7	8	6	11	14	16	16	16	25	9	6	194	
25. Hernia, intestinal obstruction	26	7	11	14	9	9	11	15	15	10	18	13	164	2	1	1	3	2	3	1	—	5	3	3	3	31	
26. Cirrhosis of liver	20	21	21	27	27	25	26	14	24	22	28	30	226	5	5	5	5	2	3	2	—	2	2	2	3	46	
27. Bright's disease and nephritis	122	110	120	121	110	128	130	170	134	140	160	201	1,992	17	20	20	26	32	17	30	24	20	26	23	24	317	
28. Diseases of women (not cancer)	3	3	14	14	14	13	1	8	6	1	1	7	96	1	—	1	—	2	—	1	—	—	—	—	—	5	
29. Eczema, scabies	12	11	14	18	16	11	11	4	3	7	10	12	124	2	1	1	3	3	1	—	—	1	1	2	1	17	
30. Other cutaneous diseases	10	10	9	10	9	11	17	18	12	14	12	12	120	1	2	3	—	1	1	—	—	2	2	2	1	13	
31. Congenital debility and malformations	127	83	104	117	104	93	116	115	95	103	80	197	1,709	17	12	10	12	11	17	20	20	20	22	27	19	261	
32. Old age	33	28	34	31	24	24	23	13	10	20	27	16	317	3	1	3	5	2	3	5	4	6	3	3	0	37	
33. Violent deaths	112	108	103	64	111	128	127	126	108	106	90	100	1,305	10	12	28	21	21	31	34	32	32	28	19	23	326	
a. Suicide	—	—	—	—	—	8	22	7	1	—	—	—	38	—	—	—	—	—	—	—	—	—	—	—	—	1	
b. Other accidents	74	70	70	50	38	94	102	117	85	81	70	66	1,226	12	10	10	12	13	28	31	31	26	24	18	16	281	
c. Homicide	9	2	3	9	2	9	1	8	4	8	8	6	81	2	—	1	1	1	1	1	1	1	1	—	—	14	
d. Suicide	25	14	13	11	21	10	12	24	10	10	11	28	226	2	2	3	2	1	2	—	1	2	4	1	4	34	
34. All other causes	243	270	285	245	240	211	201	250	219	200	190	209	2,129	23	29	26	22	27	16	14	17	14	16	16	16	238	
35. Ill-defined causes	9	7	3	2	3	1	2	11	5	4	1	1	37	0	2	2	3	2	5	13	14	16	8	1	3	62	
Under one year	393	395	400	383	372	325	275	304	312	401	394	386	5,503	58	62	64	51	60	69	121	101	206	62	39	23	926	
One year, under two years	81	116	112	125	128	120	129	138	104	116	79	94	1,459	10	12	16	11	11	15	23	24	15	17	5	7	175	
Total under five years	474	511	512	508	499	445	404	442	416	517	473	480	6,962	68	74	80	62	71	84	144	125	221	79	44	30	1,101	
Sixty-five years and over	474	447	427	372	390	305	273	294	268	351	347	514	4,461	63	64	56	46	51	45	43	61	50	53	30	71	647	
Seventy years and over	270	215	204	170	165	117	101	104	178	217	241	350	3,023	40	45	42	34	33	37	21	28	21	24	29	53	458	
Males	1,681	1,128	1,202	1,154	1,180	1,022	832	1,201	1,005	1,050	927	1,214	12,879	177	101	120	122	112	107	210	212	188	201	131	123	2,153	
Females	1,160	1,034	1,007	1,000	922	861	1,081	1,112	853	853	897	1,165	12,164	151	160	134	125	126	111	179	185	150	123	124	148	1,794	
Colored	58	30	46	50	55	52	44	50	40	49	28	48	598	13	6	11	14	6	6	14	6	4	7	13	3	168	
Chinese	1	—	1	—	—	—	—	1	—	2	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	1	

Cause of Death	Borough of Richmond												City of New York											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Jan.	Feb.									

Cause of Death	Borough of Richmond												City of New York														
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	
6. Scarlet fever	2	3	1	1	2	1	1	1	1	1	1	1	11	44	61	83	90	88	119	71	34	22	34	55	95	706	
7. Whooping cough	1	1	1	1	1	1	1	1	1	1	1	1	11	35	27	42	41	41	42	34	69	25	19	10	8	393	
8. Diphtheria and croup	1	1	1	1	1	1	1	1	1	1	1	1	11	188	201	137	164	157	165	139	104	82	109	122	152	1,740	
9. Influenza	1	1	1	1	1	1	1	1	1	1	1	1	11	155	109	109	50	24	17	3	1	6	13	22	204	714	
10. Asiatic cholera	1	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	11	
11. Cholera nostras	1	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	11	
12. Other epidemic diseases	1	1	1	1	1	1	1	1	1	1	1	1	11	6	46	40	35	41	39	44	37	45	26	19	25	28	447
13. Tuberculosis pulmonalis	13	14	14	13	11	13	12	9	10	17	5	16	147	817	822	907	903	802	692	676	665	596	662	664	793	8,999	
14. Tubercular meningitis	1	1	1	1	1	1	1	1	1	1	1	1	11	15	42	38	31	25	31	61	61	63	20	60	45	36	755
15. Other forms of tuberculosis	1	1	1	1	1	1	1	1	1	1	1	1	11	6	37	43	50	35	49	37	34	60	39	41	40	43	598
16. Cancer, malignant tumors	5	6	7	4	7	8	6	8	6	7	6	6	76	240	258	311	262	246	285	261	275	258	278	251	293	3,227	
17. Meningitis, simple	1	1	1	1	1	1	1	1	1	1	1	1	11	17	97	82	120	119	160	93	74	73	75	69	50	55	1,067
17a. Cerebro-spinal meningitis	1	1	1	1	1	1	1	1	1	1	1	1	11	7	38	46	86	66	107	57	47	45	41	35	26	28	642
18. Apoplexy, congestion and softening of brain	2	12	8	6	7	5	8	5	5	8	10	24	272	259	217	234	212	201	179	135	167	215	222	264	2,647		
19. Organic heart disease	17	16	11	17	11	11	8	13	10	15	10	14	147	669	625	644	607	640	561	513	488	516	624	607	743	7,237	
20. Acute bronchitis	2	3	1	1	1	1	1	1	1	1	1	1	11	189	139	109	98	92	65	65	56	53	57	80	105	1,048	
21. Chronic bronchitis	1	1	1	1	1	1	1	1	1	1	1	1	11	52	34	36	34	38	26	9	17	17	14	28	48	347	
22. Pneumonia (excluding broncho-pneumonia)	20	11	11	7	11	7	5	4	4	12	10	18	127	854	756	795	536	519	356	180	223	237	320	239	834	6,217	
22a. Broncho-pneumonia	11	9	10	7	8	3	3	7	3	2	3	12	74	650	554	603	521	463	421	339	389	264	314	434	637	3,589	
23. Diseases of stomach (cancer excepted)	1	1	1	1	1	1	1	1	1	1	1	1	11	10	38	33	38	47	44	28	41	34	30	50	29	36	433
24. Diarrhea (under 5 years)	1	1	1	1	1	1	1	1	1	1	1	1	11	157	167	172	212	221	229	256	1,574	1,885	997	561	372	164	6,611
25. Hernia (intestinal obstruction)	1	1	1	1	1	1	1	1	1	1	1	1	11	61	36	39	52	41	44	43	34	53	44	48	50	547	
26. Cirrhosis of liver	2	1	1	1	1	1	1	1	1	1	1	1	11	101	94	96	77	96	86	98	80	86	101	73	102	1,002	
27. Bright's disease and nephritis	10	9	11	13	12	3	7	12	9	17	7	10	122	579	512	540	500	508	419	452	432	359	430	429	525	5,685	
28. Diseases of women (not cancer)	1	1	1	1	1	1	1	1	1	1	1	1	11	15	34	33	31	36	35	20	20	22	17	20	28	311	
29. Puerperal septicemia	1	1	1	1	1	1	1	1	1	1	1	1	11	32	24	43	40	30	28	26	17	30	16	24	32	322	
30. Other puerperal diseases	1	1	1	1	1	1	1	1	1	1	1	1	11	35	42	47	36	40	36	47	41	28	37	41	41	461	
31. Congenital debility and malformations	3	4	9	8	4	8	14	15	9	8	3	7	92	451	366	408	397	354	386	403	453	386	391	350	392	4,742	
32. Old age	2	5	1	6	3	1	3	3	4	5	4	3	40	73	60	72	60	55	42	58	38	47	51	53	74	682	
33. Violent deaths	15	5	8	8	12	14	12	16	6	8	8	8	120	298	387	310	377	426	466	321	457	387	306	388	378	4,011	
a. Stroke	1	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	11	
b. Other accidents	13	4	7	7	11	13	11	15	5	7	7	7	104	314	317	211	208	341	373	395	351	305	319	299	279	3,842	
c. Homicide	1	1	1	1	1	1	1	1	1	1	1	1	11	18	24	26	16	21	32	31	19	24	24	21	25	285	
d. Suicide	1	1	1	1	1	1	1	1	1	1	1	1	11	16	35	32	35	33	69	52	51	64	62	53	55	720	
34. All other causes	10	14	22	19	15	13	12	18	18	22	14	15	198	877	793	869	797	766	778	791	709	710	756	686	784	9,416	
35. Ill-defined causes	1	1	1	1	1	1	1	1	1	1	1	1	11	25	32	28	31	37	37	40	76	129	100	79	35	33	697
Under one year	8	13	25	22	26	18	58	86	41	30	7	18	352	1,307	1,209	1,236	1,285	1,175	1,182	2,292	2,360	1,650	1,315	956	1,168	17,437	
One year and under two years	3	3	3	1	2	3	6	17	9	9	8	1	57	220	354	310	365	371	377	312	656	370	312	220	305	4,493	
Total under five years	16	21	30	26	25	21	70	111	60	49	21	23	468	1,918	1,874	2,036	1,986	1,907	1,909	3,242	3,591	2,301	1,843	1,411	1,795	25,794	
Sixty-five years and over	39	33	41	47	38	19	23	22	18	37	29	37	383	1,281	1,164	1,203	1,000	982	823	742	755	722	937	911	1,301	11,022	
Seventy years and over	29	21	34	36	20	12	20	20	13	26	22	29	284	830	790	816	698	661	570	494	488	423	605	613	953	8,077	
Males	31	73	31	77	69	68	93	117	90	92	57	86	998	3,926	3,665	3,926	3,742	3,653	3,351	3,892	3,992	3,205	3,372	3,009	3,910	45,644	
Females	53	45	64	52	46	25	31	25	35	61	26	56	600	3,350	3,058	3,248	2,962	2,795	2,642	3,126	3,324	2,600	2,378	2,600	3,260	35,561	
Colored	3	3	5	3	4	3	5	4	3	4	1	2	39	210	178	201	212	189	206	200	220	165	161	178	194	2,310	
Chinese	1	1	1	1	1	1	1	1	1	1	1	1	11	4	5	8	4	12	7	8	6	9	12	2	1	80	

Actual Number of Deaths from Zymotic and Certain Other Preventable Diseases, by Wards.

BOROUGH OF MANHATTAN.

Wards	Area in Acres	Population by Census of 1900	Number of Persons in the Area	Cerebro-spinal Meningitis	Diphtheria and Croup	Typhoid Fever	Malarial Fever	Measles	Scarlet Fever	Small-pox	Whooping Cough	Diarrheal cases	Tuberculosis Pulmonalis	*Tuberculosis Pulmonalis	Pneumonia	Broncho-pneumonia	All Causes	Deaths of Children in Institutions, 5 Years	
First	154.0	9,516	61.8	13	10	4	1	3	4	1	26	61	74	46	14	454	61	212	
Second	81.0	4,488	18.4	1	1	1	1	1	1	1	1	14	15	3	4	41	1	6	
Third	95.0	4,797	18.9	1	1	1	1	1	1	1	1	17	20	8	7	110	1	16	
Fourth	83.0	10,554	235.7	15	18	4	1	18	3	1	46	91	110	67	81	636	82	216	
Fifth	168.0	8,298	49.4	6	1	1	1	1	1	1	24	39	46	18	24	296	335	66	
Sixth	86.0	20,004	232.7	9	6	3	1	6	3	1	41	99	120	66	63	332	17	188	
Seventh	108.0	89,417	450.7	28	28	12	2	17	28	1	127	124	135	120	122	1,482	612	646	
Eighth	62.0	20,059	158.8	1	18	4	1	11	4	1	75	93	116	73	78	695	31	262	
Ninth	122.0	59,650	185.2	21	23	18	1	14	11	1	121	227	239	170	132	1,809	627	499	
Tenth	110.0	21,870	651.4	18	41	7	1	15	22	1	102	129	144	72	96	1,022	1	435	
Eleventh	106.0	69,144	595.8	31	53	10	1	19	26	1	130	121	138	96	125	1,405	101	661	
Twelfth	1,504.0	476,602	36.6	100	155	127	6	29	61	1	56	780	975	1,169	863	880	10,652	2,926	3,201
Thirteenth	107.0	64,117	599.2	15	27	6	1	10	16	1	72	58	68	65	78	780	1	359	
Fourteenth	99.0	34,035	354.3	12	26	4	1	19	7	1	107	61	70	98	167	823	4	471	
Fifteenth	198.0																		

BOROUGH OF THE BRONX.

Wards	Area in Acres	Population by Census of 1906	Number of Persons to the Acre	Cerebro-spinal Meningitis	Diphtheria and Croup	Typhoid Fever	Malarial Fever	Measles	Scarlet Fever	Small-pox	Whooping Cough	Diarrheal Diseases	Tuberculosis Pulmonalis	Tuberculosis Pulmonalis	Pneumonia	Broncho-Pneumonia	All Causes	Deaths in Institutions	Deaths of Children Under 5 Years
Twenty-third	4,267.0	130,411	31.0	23	144	40	4	95	64	11	19	295	965	11	252	152	4,206	1,281	1,147
Twenty-fourth	27,255.8	62,009	1.9	15	30	8	2	8	13	11	14	107	495	11	145	101	2,173	797	500
Total	36,522.8	175,422	6.6	38	174	48	6	103	77	22	33	402	1,460	22	297	253	6,379	2,078	1,656

BOROUGH OF BROOKLYN.

Wards	Area in Acres	Population by Census of 1906	Number of Persons to the Acre	Cerebro-spinal Meningitis	Diphtheria and Croup	Typhoid Fever	Malarial Fever	Measles	Scarlet Fever	Small-pox	Whooping Cough	Diarrheal Diseases	Tuberculosis Pulmonalis	Tuberculosis Pulmonalis	Pneumonia	Broncho-Pneumonia	All Causes	Deaths in Institutions	Deaths of Children Under 5 Years
First	211.0	26,207	87.4	2	9	2	1	2	3	1	2	52	21	1	30	25	369	83	128
Second	97.7	8,501	87.7	1	4	2	1	1	2	1	1	16	18	1	15	13	171	1	60
Third	161.4	52,048	115.2	1	4	2	1	1	2	1	1	21	28	1	26	12	277	28	79
Fourth	111.3	12,568	112.0	1	4	2	1	1	4	1	1	18	17	1	17	8	191	3	41
Fifth	110.4	18,862	158.0	2	4	1	1	1	2	1	1	30	35	1	43	40	358	1	160
Sixth	302.9	42,485	140.0	11	15	30	3	4	18	1	3	74	126	1	140	81	1,622	863	381
Seventh	158.5	40,471	85.3	2	8	3	2	4	2	1	2	31	50	1	50	30	642	4	182
Eighth	2,841.2	32,414	28.4	2	22	21	2	6	7	1	2	132	100	1	113	93	1,247	170	421
Ninth	621.6	42,870	68.8	6	17	7	1	4	7	1	5	77	65	1	80	42	863	198	252
Tenth	618.2	39,100	122.7	2	24	5	1	7	12	1	8	30	65	1	76	28	737	1	313
Eleventh	252.6	22,608	89.5	4	8	5	1	6	3	1	4	59	43	1	56	36	643	246	219
Twelfth	653.1	20,334	61.8	4	18	4	2	5	11	1	2	72	56	1	58	60	607	1	289
Thirteenth	620.3	24,029	104.2	1	7	13	2	1	4	1	1	37	37	1	64	22	624	233	142
Fourteenth	282.6	31,483	111.4	2	22	4	1	7	11	1	7	118	42	1	60	55	637	1	333
Fifteenth	244.8	30,700	125.6	2	20	2	1	11	12	1	4	95	59	1	67	82	645	1	308
Sixteenth	222.8	26,250	118.0	4	9	1	1	8	6	1	4	94	45	1	73	74	669	1	349
Seventeenth	823.3	57,309	69.6	3	27	5	3	2	17	1	2	153	92	1	86	91	1,068	4	295
Eighteenth	872.0	45,131	28.8	10	12	16	1	8	7	1	3	101	92	1	67	54	816	313	301
Nineteenth	473.8	27,642	91.9	4	17	5	1	2	2	1	3	37	44	1	62	25	564	43	148
Twentieth	461.4	25,446	55.7	3	7	12	1	6	2	1	4	62	106	1	63	33	762	357	130
Twenty-first	481.2	58,257	122.0	1	25	5	2	8	11	1	8	95	82	1	83	60	902	7	342
Twenty-second	1,361.6	66,325	48.8	10	19	15	0	3	9	1	4	104	57	1	113	68	1,238	274	347
Twenty-third	710.0	61,812	84.0	3	16	17	1	1	7	1	7	67	84	1	68	32	1,253	180	181
Twenty-fourth	1,198.3	31,797	26.3	10	20	23	4	2	4	1	3	78	172	1	102	48	1,182	537	240
Twenty-fifth	499.2	28,228	85.1	2	21	0	1	3	5	1	9	66	75	1	62	20	844	81	221
Twenty-sixth	3,100.2	56,080	18.4	9	17	7	2	15	10	1	20	205	121	1	122	100	1,675	97	773
Twenty-seventh	400.7	43,051	108.2	1	23	0	1	4	6	1	2	109	60	1	47	38	720	37	265
Twenty-eighth	882.4	77,512	88.1	8	20	12	2	1	7	1	10	91	112	1	100	59	1,411	238	320
Twenty-ninth	3,800.0	27,188	7.2	16	146	13	2	163	168	8	5	141	229	1	116	62	2,492	1,810	620
Thirtieth	3,094.7	23,700	4.6	6	17	4	3	0	5	1	9	102	32	1	55	20	707	147	310
Thirty-first	6,212.2	10,600	2.2	1	6	1	1	1	2	1	3	53	20	1	18	14	308	42	100
Thirty-second	5,070.5	5,241	1.2	1	0	0	1	1	1	1	1	20	13	1	8	1	124	1	47
Total	48,277.2	1,166,181	29.1	145	603	271	40	268	321	8	154	2,585	2,313	1	2,122	1,367	20,023	6,610	8,197

BOROUGH OF QUEENS.

Wards	Area in Acres	Population by Census of 1906	Number of Persons to the Acre	Cerebro-spinal Meningitis	Diphtheria and Croup	Typhoid Fever	Malarial Fever	Measles	Scarlet Fever	Small-pox	Whooping Cough	Diarrheal Diseases	Tuberculosis Pulmonalis	Tuberculosis Pulmonalis	Pneumonia	Broncho-Pneumonia	All Causes	Deaths in Institutions	Deaths of Children Under 5 Years
First	4,650	48,272	10.4	4	26	15	1	0	14	1	2	124	81	1	100	70	1,122	217	351
Second	12,704	46,803	2.8	2	22	2	1	1	14	1	2	148	117	1	81	87	1,681	11	408
Third	22,000	25,870	1.2	1	13	4	2	3	4	1	4	41	38	1	42	24	540	95	162
Fourth	20,000	20,751	1.0	10	25	12	2	1	8	1	5	80	64	1	66	64	803	135	399
Fifth	3,774	7,197	1.9	1	1	2	1	1	4	1	1	26	7	1	11	15	200	68	57
Total	31,228	122,993	3.9	19	67	36	4	5	44	5	23	428	297	5	202	209	3,857	527	1,280

BOROUGH OF RICHMOND.

Wards	Area in Acres	Population by Census of 1906	Number of Persons to the Acre	Cerebro-spinal Meningitis	Diphtheria and Croup	Typhoid Fever	Malarial Fever	Measles	Scarlet Fever	Small-pox	Whooping Cough	Diarrheal Diseases	Tuberculosis Pulmonalis	Tuberculosis Pulmonalis	Pneumonia	Broncho-Pneumonia	All Causes	Deaths in Institutions	Deaths of Children Under 5 Years
First	3,340	21,447	6.4	5	12	8	1	1	2	1	5	37	75	1	28	28	726	447	155
Second	4,120	15,200	3.7	2	3	4	1	7	1	1	1	19	27	1	22	14	328	47	53
Third	16,020	12,700	1.4	1	6	1	1	1	1	1	6	27	77	1	20	11	238	22	75
Fourth	8,160	9,518	1.2	1	4	1	1	2	1	1	1	50	19	1	17	9	268	60	145
Fifth	10,000	2,163	0.2	1	1	1	1	1	1	1	1	8	12	1	17	10	347	11	40
Total	31,640	67,028	2.1	10	26	21	2	12	10	5	15	173	142	5	127	72	1,607	630	268

Deaths According to Nativity of Deceased and Parents of Deceased.

Country.	Nativity of Deceased.						Nativity of Parents of Deceased.					
	Borough of					City of New York.	Borough of					City of New York.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.		Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
United States	24,015	3,857	10,695	2,516	1,031	49,034	8,952	1,297	6,488	1,000	462	15,900
Ireland	3,265	800	4,037	311	179	9,497	8,849	1,418	5,158	517	392	16,244
Germany	3,263	734	2,466	598	130	7,198	4,641	1,116	1,698	979	308	10,592
Italy	1,751	211	865	190	99	2,995	5,336	570	2,635	287	191	8,060
Russia	1,791	176	754	27	14	2,679	3,616	326	1,738	78	80	5,797
England	713	122	617	63	25	1,538	781	118	727	84	58	1,768
Austria-Hungary	1,738	125	390	45	24	1,737	2,499	185	575	94	48	3,401
Scotland	227	58	211	26	12	534	238	93	265	32	14	662
British America	277	41	148	15	15	502	167	35	110	16	13	331
Switzerland	116	26	82	15	5	204	113	27	47	19	6	206
France	208	20	53	29	10	312	277	21	70	22	12	388
Bohemia	216	24	4	24	..	268	360	27	5	39	..	422
Roumania	161	13	49	..	1	233	234	17	81	1	1	384
Poland	60	8	53	31	5	163	194	25	120	88	18	362
Syria	71	3	11	..	1	86	24	3	22	..	1	50
Sweden	180	33	241	31	17	482	240	56	374	81	13	713
Norway	58	17	200	8	10	302	74	21	327	11	21	456
Denmark	45	9	43	4	5	106	49	11	60	6	4	130
Finland	44	16	31	3	3	96	63	23	30	8	3	142
Holland	36	0	15	1	2	54	49	8	26	1	2	97
Cuba	30	2	4	1	1	38	27	3	4	3	1	38
Other West Indies	119	10	44	5	3	181	159	9	58	6	1	323
Belgium	38	3	7	..	..	48	16	5	9	..	..	69
Spain	39	3	23	..	..	65	31	2	19	1	..	53
Greece	25	11	11	3	..	50	81	0	19	2	1	102
China	85	3	6	..	..	94	50	3	5	..	..	153
Australia	8	2	2	..	..	12	1	..	14	..	..	13
Other foreign	113	18	64	4	5	204	95	12	40	3	2	161
Unknown	314	40	114	19	21	519	1,093	252	800	100	155	4,400
Mixed nationalities	..	..	..	..	..	..	3,071	727	2,008	505	120	7,085
Total	41,319	6,379	20,043	5,857	1,607	79,205	44,319	6,379	26,043	5,857	1,607	79,205

Deaths by Suicide in the Borough of Manhattan, Year Ending December 31, 1907.

Nativity.	Austro-Hungary.		Bohemia.		England.		France.		Germany.		Ireland.		Italy.		Russia Poland.		Other Foreign Countries.		United States.		Unknown.		Total by Sexes.		Total Both Sexes.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Cuts and stabs	2	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	2	1	5	4	..	..	16	2	18
Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Guns and shot	5	..	3	..	8	..	1	2	25	..	2	..	21	..	3	2	100	..	30	2	36	..	110	0	110
Hanging	4	..	3	..	..	..	8	..	13	1	2	..	1	..	2	1	2	..	2	1	4	1	44	5	49
Leaps	..	4	..	..	..	..	..	..	2	..	1	2	5	1	3	1	..	..	9	4	..	..	31	6	37
Fire	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Blindfiring gas	6	4	3	2	1	11	2	2	26	0	2	2	1	..	0	2	4	4	26	8	2	6	77	31	108
Arsenic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bichloride of mercury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Carbolic acid	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Caustic potash	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chloroform	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cannine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hydrocyanic acid	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lye	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lysol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Opium	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oxalic acid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Picric acid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Potassium cyanide	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rac poison	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Railroads	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Strychnine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total by sexes	28	5	4	2	4	4	7	3	70	11	12	6	19	4	27	6	10	8	109	28	19	4	311	81	392

Suicides in the City of New York, Year Ending December 31, 1907.

Nativity.	Austro-Hungary.		Bohemia.		England.		France.		Germany.		Ireland.		Italy.		Russia Poland.		Other Foreign Countries.		United States.		Unknown.		Total by Sexes.		Total Both Sexes.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Cuts and stabs	2	..	..	..	1	..	1	..	2	1	2	..	1	..	..	..	4	2	11	2	..	..	27	3	30
Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	5
Guns and shot	9	..	1	..	3	..	1	1	37	1	2	..	13	1	6	2	10	..	74	9	10	..	108	14	122
Hanging	6	..	4	..	2	..	4	..	34	3	4	..	3	2	12	1	2	1	46	7	3	1	88	16	104

Nativity.	Austria-Hungary.		Bohemia.		England.		France.		Germany.		Ireland.		Italy.		Russia-Poland.		Other Foreign Countries.		United States.		Unknown.		Total by Sexes.	Total Both Sexes.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Leads	1	1							4	2	1	1	1	1	4	1	2	11	6			26	14	40	
Railroads																		2				2	1	4	
Fire																									
Illuminating gas	9	4	2	2	6	1	2	2	47	15	2	4	2	3	2	3	10	5	50	40	7	2	141	60	201
Ammonia																									
Arsenic									1		1	1			1	1							3	2	5
Bichloride of mercury									1					2					1	1			1	7	8
Carbolic acid		1			1				2	1	2	2			5	2	2	2	15	8	2	1	30	17	47
Cautic potash																							1		1
Chloroform																		1		2	1		3	1	4
Cocaine																			1				1		1
Creosote																			1				1		1
Hydrocyanic acid									2										5		1		8		8
Iodine																				2			2		2
Irritant poison									2														2		2
Lye																							1		1
Lysol																				1			1	1	2
Morphine									1											1			2		2
Muriatic acid																							1		1
Opium																				2	1		3	2	5
Oxalic acid																				1			2	1	3
Paris green																				1			1		1
Potassium cyanide	1								2						1		1		5	1			11	1	12
Rat poison															1								1		1
Strychnine									1											2			3		3
Wood alcohol																				1			1		1
	28	6	4	2	11	5	9	3	155	27	12	8	13	7	36	10	41	35	406	61	26	4	563	148	711

Deaths by Accident and Negligence.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	City of New York.
Fractures and Contusions—						
Crushed by tools	1					1
Crushed by derricks	3	1	3			7
Crushed by elevators	36		5	2		57
Crushed by escalators	8					8
Crushed by machinery	11	1	12	2		35
Crushed by falling buildings	19					19
Crushed by falling rocks, stones, etc.	16		13	1	1	31
Crushed by falling boxes	18	8	19	2		78
Other causes	12	2	6	2	2	27
Not specified by Coroners	156	1	24	12		202
Falls—						
Down shafts	4	1				5
Down airways	4		1			7
Down elevator shafts	17	1	3			31
Down stairs	62	5	45	2	2	120
From buildings	39	6	49	3	1	89
From fire escapes	21	1	3			27
From scaffolds	10	3	2	2	4	27
From windows	34	11	28	2		100
On sloped	16		43	1	1	65
On streets and sidewalks	31		20	4	2	60
Others	96	14	58	22	4	189
Not specified by Coroners	95	7	25	4		129
Street Vehicles—						
Run over by wagon trucks, etc.	163	12	19	2	1	235
Run over by automobiles	23	4	9	6		44
Falls from wagons, trucks, etc.	49	7	23	9	2	84
Other vehicle accidents	8	1	3	1		20
Railroads—						
Electric roads	100	21	121	14	1	271
Steam roads	14	28	16	50	11	128
Electrical roads	8	1	3			15
Subways	8	2				10
Horse cars	9					9
Not specified by Coroners	27	1	4		1	31
Wounds—						
Gouges	13	1	6	7		27
Incised	4	1	4	2		11
Lacerated	3					3
Others	10		6	3		23
Not specified by Coroners	4	1	7			12

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	City of New York.
Burns—						
Conflagrations	41		22	3		66
Oil and gas stoves	6	2	4			12
Other stoves	19	7	11	1		40
Lamps	4		7			11
Playing with matches	10	5	12	1	1	29
Other causes	15	2	24	11	6	71
Not specified by Coroners	29	1	21	3		104
Scalds—						
By hot fluids	28	7	27	8	4	104
By steam	1		3			6
Sunstroke	24	2	28	6		79
Electric current	6	5	10	16	4	36
Drowning	212	36	115	28	34	435
Neglect and exposure	5	1	4	2	1	13
Illuminating gas	225	11	97	20	3	356
Other gases	2	1	2	1	1	13
Poisons—						
Arsenic	1					1
Alcohol	1	1	1			3
Alkaloid	1					1
Ammonia	1					1
Antitoxin	1					1
Arsenic			2			2
Bichloride of mercury	6	1	1			8
Carbolic acid	2		5			7
Chloral	1					1
Chloral hydrate	1					1
Cocaine	2		2	1		5
Diarrhoea mixture	1					1
Iodine			1			1
Irritant poison			1			1
Liniment			1			1
Lye	1					1
Lysol	1		1			2
Morphine	6		1			9
Muriatic acid			1			1
Mushrooms	1					1
Nicotine				1		1
Opium	2		3			10
Oxalic acid	2					4
Paregoric				1		1
Potash	1					1
Potassium	9	1	10	2		22
Resin oil	1					1

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	City of New York
Poisons—						
Sulphuric acid.....	1	..	..	..	..	1
Wood alcohol.....	4	..	..	..	..	4
Unknown poisons.....	8	..	1	..	..	9
Suffocation—						
Caving in of embankment.....	2	2	..	1	..	5
Food in larynx.....	3	..	1	..	..	4
Foreign body in larynx.....	4	..	1	..	..	5
Overlaid by mother.....	9	2	12	4	..	27
Other causes.....	16	..	2	2	..	20
Not specified by Coroners.....	1	..	..	..	..	1
Circumcision.....	13	..	8	1	..	22
Criminal abortion.....	28	5	11	1	..	45
Surgical operation.....	5	..	..	..	..	5
Caisson disease.....	12	..	2	3	..	17
Tetanus.....	13	4	16	3	..	36
Hydrophobia.....	12	1	11	3	..	27

Recapitulation.

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	City of New York
Fractures and contusions.....	318	21	83	25	8	455
Falls.....	522	52	237	48	14	873
Vehicles.....	236	28	90	19	7	380
Railroads.....	176	195	152	64	19	516
Wounds.....	42	3	23	12	..	80
Burns.....	130	23	89	16	9	267
Scalds.....	59	7	32	8	4	110
Conflagrations.....	41	..	24	3	..	68
Sunstroke.....	32	..	18	0	..	50
Electric current.....	6	6	10	10	4	36
Drowning.....	213	49	115	38	24	439
Illuminating gas.....	245	11	97	20	3	376
Other gases.....	8	1	2	1	1	13
Neglect and exposure.....	1	1	4	2	1	9
Poison.....	58	3	33	5	..	103
Suffocation.....	37	4	10	7	..	58
Circumcision.....	13	..	8	1	..	22
Criminal abortion.....	28	5	11	1	..	45
Surgical operation.....	5	..	..	..	..	5
Caisson disease.....	12	..	2	3	..	17
Tetanus.....	13	4	16	3	..	36
Hydrophobia.....	12	1	11	3	..	27
Total deaths from accident and negligence.....	2,196	314	1,093	290	104	3,997

Deaths in Institutions for Year Ending December 31, 1967.

BOROUGH OF MANHATTAN.

Babies' Hospital.....	294
Bellevue Hospital.....	3,057
Beth Israel Hospital.....	239
City Hospital.....	297
Columbus Hospital.....	94
Flower Hospital.....	158
Fondling Hospital.....	1,146
French Hospital.....	94
General Memorial Hospital.....	38
German Hospital.....	283
Gouverneur Hospital.....	340
Hahnemann Hospital.....	56
Harlem Hospital.....	327
Home for Aged, Little Sisters of the Poor.....	119
Home for Aged Hebrews.....	35
House of Relief.....	347
Immigrant Hospital, Ellis Island.....	53
Italian Hospital.....	31
J. Hood Wright Hospital.....	175
Lying-In Hospital.....	291
Manhattan State Hospital.....	474
Maternity Hospital.....	124
Metropolitan Hospital.....	1,178
Montefiore Home.....	111
Mt. Sinai Hospital.....	620
New York City Home and Hospital.....	588
New York Hospital.....	540
New York Eye and Ear Hospital.....	30
New York City School and Hospital.....	66
New York Infant Asylum.....	160
New York Infirmary for Women and Children.....	7
Nursery and Child's Hospital.....	89
Polyclinic Hospital.....	67
Post Graduate Hospital.....	456
Presbyterian Hospital.....	514
Reception Hospital.....	91
Roosevelt Hospital.....	484
St. Gregory's Hospital.....	52
St. Francis Hospital.....	101
St. Luke's Hospital.....	308
St. Mark's Hospital.....	87
St. Mary's Free Hospital.....	25
St. Vincent's Hospital.....	587
Skin and Cancer Hospital.....	28
Sloane Maternity Hospital.....	92
Sydenham Hospital.....	160
Trinity Hospital.....	8
Willard Parker Hospital.....	472

Workhouse Hospital.....	68
Other institutions.....	831
Total.....	16,086

BOROUGH OF THE BRONX.

Fordham Hospital.....	248
Home for Incurables.....	78
Lebanon Hospital.....	330
Lincoln Hospital and Home.....	343
Odd Fellows' Home.....	8
Riverside Hospital.....	320
St. Francis Hospital.....	179
St. Joseph's Hospital.....	595
Seton Hospital.....	344
Workhouse (Branch, Harts Island).....	74
Other institutions.....	50
Total.....	2,578

BOROUGH OF BROOKLYN.

Angel Guardian Home.....	112
Bradford Street Hospital.....	10
Baptist Home.....	10
Brooklyn Hospital.....	230
Bushwick Hospital.....	84
Bethany Deaconess' Home.....	37
Cumberland Street Hospital.....	349
Eastern District Hospital.....	99
German Hospital.....	172
German Evangelical Home.....	64
Home for Aged, Little Sisters of the Poor.....	76
Home for Consumptives.....	110
House of Good Shepherd.....	10
Infants' Hospital.....	40
Jewish Hospital.....	149
Kings County Hospital.....	994
Kings County Emergency Hospital.....	16
Kingston Avenue Hospital.....	405
Long Island College Hospital.....	297
Long Island State Hospital.....	104
Lutheran Hospital.....	35
Methodist Episcopal Hospital.....	214
Memorial Hospital.....	15
New York City Home for Aged and Infirm.....	353
Norwegian Hospital.....	161
Prospect Heights Hospital.....	734
Swedish Hospital.....	50
St. Catherine's Hospital.....	311
St. Christopher's Hospital.....	72
St. John's Hospital.....	98
St. Mary's Hospital.....	322
St. Mary's Maternity Hospital.....	21
St. Peter's Hospital.....	560
Seaside Home.....	12
Samaritan Hospital.....	18
United States Naval Hospital.....	23
Williamsburg Hospital.....	150
Other institutions.....	225
Total.....	6,042

BOROUGH OF QUEENS.

Flushing Hospital.....	87
Jamaica Hospital.....	58
River Crest Sanitarium.....	21
St. John's Hospital.....	195
St. Joseph's Hospital.....	54
St. Mary's Hospital.....	72
Other institutions.....	40
Total.....	527

BOROUGH OF RICHMOND.

Lake View Home.....	1
Fort Wadsworth Reservation.....	2
Mariners' Family Asylum.....	2
Mount Loretto.....	11
New York City Farm Colony.....	26
Sailor's Snug Harbor.....	88
St. Vincent's Hospital.....	180
S. R. Smith Infirmary.....	168
Seaside Hospital.....	97
United States Marine Hospital.....	46
Total.....	630

Recapitulation.

Prisons.....	196
Hospitals.....	27,494
Institutions for Insane.....	578
Institutions for Children.....	2,015
Homes for Aged.....	1,228
Alms-houses.....	480
Other Institutions.....	102
Total.....	25,863

Disposition of the Dead and of Still-born Infants, City of New York.

Cemeteries.

Borough of Manhattan—	
Marble.....	18
St. Mark's Churchyard.....	1
Trinity.....	41
Trinity Churchyard.....	1
Total.....	61
Borough of The Bronx—	
City.....	5,744
Pelham Bay.....	12
St. Raymond's.....	2,384
Woodlawn.....	2,233
Total.....	10,373
Borough of Brooklyn—	
Canarsie.....	36
Cedar Grove.....	39
County Farms.....	1,330
Cypress Hills.....	734
Evergreen.....	950
Flatbush.....	5
Friends'.....	29
Gravesend.....	18

Borough of Brooklyn—

Greenwood	4,152
Holy Cross	6,445
Holy Trinity	1,783
Mamonides	122
Mount Hope	124
National	103
New Lots	3
New Utrecht	1
Salom Fields	239
United Jewish Congregations	48
Washington	3,304
Total	19,462

Borough of Queens—

Acacia	310
Aqueduct	2
Bayside	493
Calvary	21,074
Cedar Grove	493
Cypress Hills	1,402
Evergreen	4,236
Flushing	393
Grace Church	19
Linden Hill	2,173
Lutheran	5,724
Macoplah	211
Miple Grove	257
Methodist Episcopal	2
Mount Carmel	36
Mount Nebo	188
Mount Oliver	2,460
Mount St. Mary's	298
Mount Zion	3,931
New Union Fields	252
Presbyterian Churchyard	1
Prospect	53
Springfield	43
St. George's	5
St. James	6
St. John's	1,905
St. Mary's	9
St. Michael's	1,074
St. Monica	124
Trinity	2
Union Fields	561

Borough of Queens—

United States Crematory	937
Zion	11
Total	59,331

Borough of Richmond—

Baron Hirsch	289
Bethel	21
City Farm Colony	91
Fairview	95
Fountain	27
Hillside	7
Lake	84
Merrill	2
Moravian	293
Mount Loretto	9
New Springville	11
Ocean View	5
Sailors' Snug Harbor	68
Sandy Ground, A. M. E. Zion	3
St. Andrew's	3
St. John's Lutheran	2
St. Joseph's	30
St. Luke's	7
St. Mary's, Carmelite	5
St. Mary's, Third Ward	50
St. Mary's, Fourth Ward	164
St. Michael's	1
St. Peter's	128
Silver Lake	1,715
Silver Mount	93
Staten Island	1
Sylvan	6
Vaughn	1
West Baptist	3
Woodland	187
Woodrow Church	9
Total	3,406

Borough of—

Manhattan	61
The Bronx	10,373
Brooklyn	19,462
Queens	59,331
Richmond	3,406
Total	83,633

Deaths of Persons 100 Years of Age and Over.

Date of Death	Name	Age			Nativity	Cause of Death	Borough of					City of New York
		Years	Months	Days			Manhattan	The Bronx	Brooklyn	Queens	Richmond	
Feb. 26, 1907	Isabel Stanton	108	..	..	Ireland	Old age	1	..	..	..	..	1
Feb. 8, 1907	Mary Richardson	108	..	..	Ireland	Bronchitis	..	..	..	..	1	1
Mar. 2, 1907	Maria Chaloudes	108	..	..	Bohemia	Bronchitis	1	..	..	..	..	1
Feb. 2, 1907	Thomas Herbert	107	..	..	Ireland	Old age	..	1	..	..	..	1
Feb. 4, 1907	Jessie O. Merrell	107	..	..	United States	Bronchitis	..	..	1	..	..	1
Jan. 12, 1907	Anna Clifford	107	..	..	Ireland	Pneumonia	..	1	..	..	..	1
Feb. 24, 1907	Ernst Schuster	104	..	..	Austria	Pneumonia	1	..	..	..	..	1
April 3, 1907	John O'Keefe	101	..	..	Ireland	Apoplexy	..	..	1	..	..	1
April 2, 1907	Rosa Lynch	100	..	..	Ireland	Old age	..	..	1	..	..	1
Sept. 14, 1907	Lacy Canwell	100	..	..	United States	Heart disease	..	..	1	..	..	1
Aug. 21, 1907	Lawrence Miller	100	..	..	United States	Scallie gangrene	..	..	1	..	..	1
July 10, 1907	Catherine O'Brien	100	..	..	Ireland	Gangrene	..	1	..	..	..	1
Oct. 7, 1907	Florence May	102	..	..	Germany	Senility	..	1	..	..	..	1
Nov. 13, 1907	Margaret Horn	100	..	..	Ireland	Bronchopneumonia	1	..	..	..	..	1
Dec. 8, 1907	Moses Asani	100	..	..	Russia	Chronic clef of leg	1	..	..	..	..	1
Dec. 10, 1907	Hannah Miroshina	100	..	..	Russia	Senility	1	..	..	..	..	1
Nov. 11, 1907	Leo Winkiewicz	100	..	..	Russia	Old age	1	..	..	..	..	1
Nov. 14, 1907	Tony Friedman	100	..	..	Hungary	Old age	..	..	1	..	..	1
Dec. 2, 1907	Anna Finmark	100	..	..	Russia	Chronic bronchitis	..	..	1	..	..	1
Dec. 11, 1907	Margaret Carpenter	100	..	..	United States	Old age	..	..	1	..	..	1
Totals							1	4	7	1	3	20

Report of Births for the Year Ending December 31, 1907.
BOROUGH OF MANHATTAN.

Month	Total	White		Colored		Chinese		Native Parents		Foreign Parents		Mixed Parentage		Unknown Parentage		Attended by Foreign Mothers	Attended by Physicians	Attended by Midwives	Apparently Illegitimate	Twins	Triplets
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.								
January	5,030	4,019	2,897	55	47	..	1	519	510	2,202	2,113	239	256	34	24	225	3,094	1,993	117	45	..
February	5,058	4,540	2,412	27	38	1	..	466	428	1,807	1,770	220	211	24	40	180	2,791	2,257	107	17	..
March	5,435	4,716	2,622	26	34	1	..	506	524	1,952	1,861	268	244	31	39	270	3,117	2,323	162	37	..
April	5,133	4,784	2,651	54	42	1	..	457	431	2,062	1,932	202	243	32	26	314	3,266	2,267	160	30	..
May	5,281	4,797	2,473	47	32	1	1	548	497	1,628	1,572	206	270	23	12	204	2,747	2,130	110	22	..
June	5,093	4,572	2,388	40	53	..	..	408	450	1,748	1,703	147	277	3	2	103	2,760	2,194	135	30	1
July	5,872	4,643	2,793	65	60	2	..	573	535	2,170	2,048	245	257	22	21	283	2,804	2,068	140	40	..
August	5,626	4,670	2,532	50	64	1	..	546	513	2,183	2,103	271	227	30	31	320	2,786	2,140	117	24	..
September	5,340	4,670	2,582	39	47	..	2	501	469	1,948	1,918	115	178	14	40	260	2,801	2,168	173	45	..
October	5,250	4,959	2,680	21	51	..	..	573	520	2,122	1,969	182	254	31	28	416	3,000	2,093	115	22	1
November	5,951	5,302	2,447	17	43	..	2	432	455	1,841	1,805	210	206	37	26	196	2,577	2,324	108	33	..
December	5,207	4,751	2,614	37	65	4	3	420	390	2,053	1,973	232	168	30	21	167	2,466	2,021	104	40	1
Totals	55,223	52,093	25,441	624	647	6	9	6,192	5,870	24,148	23,028	2,120	2,037	326	330	4,723	35,544	29,420	1,456	423	3

*This column represents the number of foreign mothers included in column headed Mixed Parentage.

Report of Births for the Year Ending December 31, 1907. CITY OF NEW YORK.

Table with columns for months (January-December), Total, White (M, F), Colored (M, F), Chinese (M, F), Native Parents (M, F), Foreign Parents (M, F), Mixed Parentage (M, F), Unknown Parentage (M, F), *Foreign Mothers, Attended by Physician, Attended by Midwives, Apparently Illegitimate, Twins, Triplets.

*This column represents the number of foreign mothers included in column headed Mixed Parentage.

Births by Nativities of Parents.

Table with columns for Country, Manhattan (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents), The Bronx (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents), Brooklyn (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents), Queens (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents), Richmond (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents), City of New York (Nativity of Both Parents, Nativity of Mother Only in Mixed Parents).

Marriages Reported in the Borough of Manhattan During Year 1907.

Table with columns for Months, Total, White (M, F), Black (M, F), Chinese (M, F), Single (M, F), Widowed (M, F), Divorced (M, F), Native (M, F), Foreign (M, F), Religious Marriages (Catholic, Protestant, Jewish), Civil Marriages (Alder, Toll, nuptial, civil).

Marriages Reported in The City of New York During the Year 1907.

Table with columns for Months, Total, White (M, F), Black (M, F), Chinese (M, F), Single (M, F), Widowed (M, F), Divorced (M, F), Native (M, F), Foreign (M, F), Religious Marriages (Catholic, Protestant, Jewish), Civil Marriages (Alder, Toll, nuptial, civil).

Summaries for the Years 1790 to 1907, Inclusive.

The following tables have been compiled from the records of the Health Departments of New York and Brooklyn before consolidation into the present City of New York. The New York tables, therefore, present the statistics of the present Boroughs of Manhattan and The Bronx, and the Brooklyn tables those of the present Borough of Brooklyn. It has been found impossible to prepare similar tables for the Boroughs of Queens and Richmond.

Former New York (Boroughs of Manhattan and The Bronx)—Estimated Population on July 1 in Each Year, from 1790 to 1907, Inclusive.

Year	Population	Deaths	†Births	‡Marriages
1790	32,062	.....	.....	.....
1791	35,099	.....	.....	.....
1792	37,182	.....	.....	.....
1793	38,481	.....	.....	.....
1794	41,943	.....	.....	.....
1795	44,548	.....	.....	.....
1796	47,314	.....	.....	.....
1797	50,252	.....	.....	.....
1798	53,372	.....	.....	.....
1799	56,886	.....	.....	.....
1800	60,206	.....	.....	.....
1801	63,481	.....	.....	.....
1802	66,694	.....	.....	.....
1803	69,919	.....	.....	.....
1804	73,137	2,084	.....	.....
1805	76,354	2,807	.....	.....
1806	79,572	2,574	.....	.....
1807	82,790	2,346	.....	.....
1808	86,008	2,020	.....	.....
1809	89,226	1,693	.....	.....
1810	92,444	1,366	.....	.....
1811	95,662	1,040	.....	.....
1812	98,880	713	.....	.....

*First year of restoration of births and marriages.

Year	Population	Deaths	†Births	‡Marriages
1813	95,884	4,375	.....	.....
1814	95,848	7,844	.....	.....
1815	99,052	4,511	.....	.....
1816	104,252	5,000	.....	.....
1817	108,695	4,409	.....	.....
1818	113,250	3,106	.....	.....
1819	118,204	3,278	.....	.....
1820	123,266	3,322	.....	.....
1821	130,840	3,422	.....	.....
1822	138,879	3,212	.....	.....
1823	147,413	3,357	.....	.....
1824	156,471	4,224	.....	.....
1825	166,056	4,920	.....	.....
1826	174,978	4,061	.....	.....
1827	180,157	5,139	.....	.....
1828	187,634	4,843	.....	.....
1829	195,421	4,734	.....	.....
1830	203,532	5,322	.....	.....
1831	215,181	6,347	.....	.....
1832	227,920	10,257	.....	.....
1833	241,188	5,685	.....	.....
1834	255,430	5,937	.....	.....
1835	270,089	7,096	.....	.....
1836	278,275	8,068	.....	.....
1837	286,719	8,626	.....	.....
1838	295,400	7,911	.....	.....
1839	304,353	7,010	.....	.....
1840	313,578	8,469	.....	.....
1841	324,342	9,093	.....	.....
1842	335,473	9,154	.....	.....
1843	346,991	8,659	.....	.....
1844	358,902	8,890	.....	.....

†Births and marriages from July 1 to December 31.

The following tables present statistics relating to the present City of New York, showing the growth of population since 1800 in the territory now comprised within the

Population of the Former City of
BOROUGH OF MANHATTAN

Ward	Year of Formation	From What Taken	1800	1810	1814	1820	1825	1830	1835	1840
First	1791	.....	4,320	7,947	7,530	12,085	6,928	11,211	10,280	10,629
Second	1791	.....	5,167	8,493	7,439	8,918	9,415	8,204	7,846	6,294
Third	1791	.....	5,449	7,426	7,493	9,201	10,801	9,999	10,844	11,381
Fourth	1791	.....	6,035	10,226	9,856	10,716	12,240	12,701	15,439	15,770
Fifth	1791	.....	6,148	7,144	14,253	12,421	15,093	17,724	18,407	16,159
Sixth	1791	.....	13,075	11,286	11,827	13,399	20,001	12,579	14,827	17,198
Seventh	1791	.....	15,894	12,120	12,886	13,006	14,192	15,873	21,481	22,982
Eighth	1801	Seventh Ward	.....	9,128	10,792	11,766	14,285	20,729	28,570	20,021
Ninth	1801	Seventh Ward	.....	4,719	4,343	11,164	10,956	17,333	20,818	24,798
Tenth	1808	Seventh Ward	.....	10,200	10,804	17,806	21,932	16,418	20,926	20,826
Eleventh	1825	Ninth and Tenth Wards	.....	.....	.....	.....	7,344	14,918	26,822	17,053
Twelfth	1825	Ninth and Tenth Wards	.....	.....	.....	.....	7,028	11,308	24,437	11,052
Thirteenth	1827	Tenth Ward	.....	.....	.....	.....	.....	16,598	22,120	18,517
Fourteenth	1827	Sixth and Eighth Wards	.....	.....	.....	.....	.....	14,288	17,366	20,235
Fifteenth	1827	Ninth Ward	.....	.....	.....	.....	.....	.....	13,202	17,755
Sixteenth	1828	Twelfth Ward	.....	.....	.....	.....	.....	.....	.....	20,724
Seventeenth	1827	Eleventh Ward	.....	.....	.....	.....	.....	.....	.....	18,019
Eighteenth	1826	Sixteenth Ward	.....	.....	.....	.....	.....	.....	.....	.....
Nineteenth	1830	Twelfth Ward	.....	.....	.....	.....	.....	.....	.....	.....
Twentieth	1821	Sixteenth Ward	.....	.....	.....	.....	.....	.....	.....	.....
Twenty-first	1827	Eighteenth Ward	.....	.....	.....	.....	.....	.....	.....	.....
Twenty-second	1825	Seventeenth Ward	.....	.....	.....	.....	.....	.....	.....	.....
Twenty-third	1827	Westchester County	.....	.....	.....	.....	.....	.....	.....	.....
Twenty-fourth	1827 and 1828	Westchester County	.....	.....	.....	.....	.....	.....	.....	.....
Totals			60,480	90,373	95,318	122,706	166,086	197,112	268,089	312,710

Note.—In this and the four following tables the columns headed by decade years give the results of the United States census, and the others, excepting when otherwise stated, the results of the City censuses for 1800, 1810, 1820, 1830, 1840, and 1850. The figures for 1800 to 1870 in this and the following tables are taken from the official report of the New York State census of 1897. The totals at the foot of the columns for 1840, 1850, 1860, 1870, 1880, 1890, and 1900 are taken from the official report of the New York State census of 1900.

The City was originally divided into seven wards in 1791 by Governor Dungan's charter. They were not numbered at that time, but were called the West, South, Dock, East, North and Middle. The New York State census of New York City (Boroughs of Manhattan and The Bronx) was not taken by wards, but by Assembly districts, so that only the total is available for this table. N. B.—The Twenty-third and Twenty-fourth Wards constitute the present Borough of The Bronx. They were formed from a part of Westchester County, and owing to the division of certain unincorporated towns, which afterward became a part of New York, was separated from Westchester County as a whole and formed into the towns of West Farms (1846) and Morrisania, N. Y. On June 5, 1893, a portion of Westchester County, comprising a part of the present Twenty-fourth Ward, was annexed to The City of New York; the population of this annexed district June

Year.	Population.	Deaths.	Births.	Marriages.	Year.	Population.	Deaths.	Births.	Marriages.
1845	371,223	10,172	.....	.....	1877	1,107,592	26,203	25,169	7,129
1846	396,086	11,411	.....	.....	1878	1,140,617	27,008	25,729	7,629
1847*	443,896	14,844	317	185	1879	1,174,621	28,322	25,573	8,445
1848	452,974	14,892	179	199	1880	1,209,196	31,937	27,536	9,002
1849	484,043	22,503	.....	.....	1881	1,244,511	38,624	26,130	10,077
1850	517,246	18,826	.....	.....	1882	1,280,257	37,924	27,321	11,085
1851	538,400	20,738	.....	.....	1883	1,318,364	34,011	28,972	11,356
1852	569,607	20,196	.....	.....	1884	1,356,764	35,034	29,527	11,803
1853†	583,632	21,979	10,157	3,293	1885	1,396,388	35,682	30,030	11,716
1854	607,603	28,473	17,979	5,595	1886	1,437,170	37,351	31,319	12,216
1855	652,559	24,448	14,145	4,199	1887	1,479,743	38,933	32,023	13,740
1856	664,980	21,748	16,199	3,633	1888	1,522,341	40,175	32,136	14,533
1857	699,062	22,211	18,427	3,710	1889	1,566,801	39,679	32,527	14,400
1858	734,892	23,269	18,349	3,942	1890	1,612,559	40,103	33,259	14,992
1859	774,558	22,745	9,035	3,700	1891	1,659,654	43,659	46,994	15,764
1860	812,154	24,760	12,454	4,241	1892	1,708,124	44,329	49,447	16,001
1861	798,993	24,525	10,004	2,993	1893	1,758,010	42,486	51,529	16,144
1862	778,023	23,150	7,612	2,896	1894	1,809,353	41,475	53,636	17,388
1863	761,500	26,617	6,420	3,272	1895	1,873,201	43,429	53,231	20,512
1864	745,327	25,792	5,877	2,673	1896	1,906,139	41,622	55,623	20,513
1865	729,498	25,757	5,332	2,733	1897	1,940,553	38,877	54,089	20,365
1866	767,979	26,313	10,006	3,792	1898	1,976,572	40,438	53,359	20,769
1867	808,489	23,159	12,535	7,144	1899	2,014,339	39,911	52,068	21,749
1868	851,137	24,889	12,590	6,926	1900	2,053,979	42,227	54,616	22,927
1869	896,934	25,167	13,947	8,695	1901	2,095,686	41,394	54,013	23,062
1870	943,300	27,175	12,524	7,985	1902	2,139,632	41,764	57,511	25,093
1871	955,921	26,976	20,821	8,646	1903	2,186,017	41,776	59,131	27,265
1872	968,710	32,647	22,068	9,008	1904	2,235,060	42,743	65,220	27,665
1873	981,671	29,084	22,683	8,871	1905	2,290,322	45,199	61,362	28,228
1874	1,010,607	28,727	25,747	8,397	1906	2,342,432	46,102	70,311	32,399
1875	1,044,395	30,799	23,813	7,565	1907	2,341,684	47,998	74,260	36,097
1876	1,075,532	29,152	23,744	7,099					

†Incomplete.

limits of that city, so far as the same can be ascertained, together with the development and successive segregation of the smaller civil divisions thereof:

New York, by Census, Since 1800.

TAN AND THE BRONX.

1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	Police Census, 1890.	*New York State Census, 1892.	Police Census, 1893.	United States Census, 1900.	*New York State Census, 1905.
12,230	19,734	23,846	18,148	9,852	12,463	14,298	17,939	11,122	12,073	.....	12,508	9,316	.....
8,962	6,665	8,349	2,300	1,794	1,212	1,012	1,602	929	1,510	.....	1,038	1,288	.....
11,900	19,333	7,999	3,737	5,197	3,773	2,874	3,582	3,765	3,418	.....	4,014	1,997	.....
21,600	23,259	22,893	21,992	17,352	23,248	20,828	20,996	17,809	19,337	.....	18,495	19,354	.....
29,362	22,686	21,612	22,217	18,203	22,120	16,931	12,243	12,385	12,649	.....	19,093	22,028	.....
19,343	24,608	25,562	26,696	19,754	21,153	19,261	20,196	23,119	23,058	.....	22,802	20,010	.....
22,556	32,690	32,422	39,682	26,962	42,818	25,636	29,066	27,366	62,128	.....	74,227	82,217	.....
39,999	34,612	34,052	39,206	29,068	34,612	32,465	35,879	31,220	47,808	.....	21,374	29,279	.....
39,997	49,607	39,952	44,385	38,204	47,000	49,493	54,396	54,495	60,242	.....	60,987	59,650	.....
29,991	23,316	29,328	29,661	21,537	41,431	41,757	47,354	57,399	64,070	.....	70,168	71,679	.....
27,259	27,728	29,979	28,271	28,933	64,220	23,853	68,278	75,429	83,337	.....	86,922	99,144	.....
13,378	19,351	17,256	30,851	28,259	47,497	29,519	81,200	245,926	275,387	.....	164,412	476,602	.....
22,411	28,246	29,597	24,911	26,388	33,364	34,011	37,797	45,884	51,649	.....	38,802	64,177	.....
21,103	25,196	21,754	28,986	23,382	26,436	26,451	36,171	28,094	30,752	.....	21,074	34,933	.....
19,422	22,564	21,020	27,327	25,375	27,539	23,529	31,822	25,399	32,297	.....	26,216	24,666	.....
40,350	32,882	39,823	28,170	21,972	48,159	46,157	52,188	49,134	61,419	.....	57,439	52,808	.....
27,142	43,766	59,348	72,953	79,703	91,267	101,075	102,837	123,158	107,737	.....	114,727	129,796	.....
.....	21,326	29,413	37,462	47,613	59,393	61,192	66,621	63,279	79,299	.....	67,469	81,325	.....
.....	18,463	17,266	32,792	39,912	86,999	118,727	125,191	224,846	237,766	.....	267,076	257,248	.....
.....	.....	47,935	67,319	61,882	75,492	79,794	86,073	84,227	93,844	.....	94,969	89,798	.....
.....	.....	27,914	46,917	38,666	56,793	58,531	66,536	61,019	78,689	.....	72,144	60,211	.....
.....	.....	22,665	61,721	47,391	73,348	25,420	111,696	151,877	124,079	.....	194,893	189,261	.....
.....	4,426	12,436	16,343	79,044	28,921	24,329	28,328	33,948	60,441	.....	81,567	122,412	.....
.....	.....	.....	.....	.....	.....	11,872	13,288	26,132	20,810	.....	26,598	2,68,094	.....
371,223	519,983	642,246	830,212	725,419	977,273	1,041,886	1,206,299	1,515,301	1,719,715	1,801,730	1,851,060	2,050,600	2,384,326

New York State census. 1850 and 1860 are the true totals, as given in the reports of the United States census for those years. The actual figures of the columns, however, when summed up, do not give the same totals.

Montgomery Wards, the rest of Manhattan Island forming the Out Ward.

townships and villages correct figures cannot be given previous to the census of 1875, the population as given in the table for previous years being the minimum, but not the true total. The former formed West Farms (1851).

*, 1900, according to the United States census was 23,085.

Population of Former City of New York, from 1628 to 1900, with Dates and Number of Censuses.

Year	Population	Authority
1628	220	City Inspector's Report, 1861.
1656	1,000	City Inspector's Report, 1861.
1664	1,300	City Inspector's Report, 1861.
1697	4,304	Census (Noah Webster in "American Magazine," New York, March, 1788).
1703	4,373	City Inspector's Report, 1861.
1712	5,821	City Inspector's Report, 1861.
1723	7,248	City Inspector's Report, 1861.
1731	8,822	City Inspector's Report, 1861.
1747	10,554	City Inspector's Report, 1861.
1746	11,717	City Inspector's Report, 1861.
1749	12,794	City Inspector's Report, 1861.
1756	12,040	Noah Webster, loc. cit.
1771	21,862	Noah Webster, loc. cit.
1786	23,614	Noah Webster, loc. cit.
1790	31,327	United States Census, August 1.
1800	60,312	United States Census, August 1.
1810	96,373	United States Census, August 1.
1814	95,519	New York State Census, June 1.
1820	121,708	United States Census, August 1.
1825	166,086	United States Census, July 1. (†)
1830	202,489	United States Census, June 1.
1835	270,089	New York State Census, July 1. (‡)
1850	314,770	United States Census, June 1.
1855	374,223	New York State Census, July 1.
1850	379,847	United States Census, June 1.
1855	629,084	New York State Census, June 1.
1860	812,669	United States Census, June 1.
1865	700,186	New York State Census, June 1.
1870	942,092	United States Census, June 1.
1875	1,041,886	New York State Census, June 1.
1880	1,206,709	United States Census, June 1.
1890	1,513,591	United States Census, June 1.
1900	1,710,215	United States Census, June 1.
1907	2,384,436	New York State Census, June 1.

Note.—A city census, taken by order of the Common Council in 1861 (date uncertain), gave the population as 75,770; a second, taken under similar auspices in 1860 (date uncertain), gave the population variously as 91,824 and 100,616.

† On January 1, 1874, a portion of Westchester County, comprising the present Twenty-third and Twenty-fourth Wards, was annexed to the City of New York; the population of this annexed district June 1, 1875, according to the New York State Census, was 25,194.

‡ On June 6, 1835, a portion of Westchester County, comprising a part of the present Twenty-fourth Ward, was annexed to the City of New York; the population of this annexed district June 1, 1835, according to the United States Census, was 25,081.

Population of Former New York City, by Wards.

	1860.	1865.	1870.	1875.	1880.	1890.		1900.
						* U. S. Census.	† Police Census.	
First	18,148	9,852	16,493	14,298	17,029	31,105	12,075	9,510
Second	2,306	1,194	1,212	1,012	1,008	922	1,110	1,488
Third	3,757	3,307	3,715	4,874	4,182	3,757	3,418	1,797
Fourth	21,994	19,452	23,248	26,828	29,990	17,264	19,337	19,554
Fifth	22,317	18,207	17,130	15,991	15,845	12,351	12,040	8,298
Sixth	26,600	19,754	21,133	19,861	20,400	22,993	23,038	20,004
Seventh	29,982	35,362	40,818	45,630	50,666	57,231	62,139	89,237
Eighth	39,406	30,998	34,913	32,495	35,879	31,160	41,890	29,939
Ninth	44,385	58,304	47,609	49,493	54,590	54,054	60,342	59,650
Tenth	29,004	31,537	41,431	45,737	47,354	57,514	64,076	71,879
Eleventh	59,571	58,953	64,030	63,855	68,778	75,708	83,337	99,144
Twelfth	39,681	28,239	47,497	60,310	81,800	244,793	275,587	476,602
Thirteenth	34,017	26,288	33,304	34,913	37,797	45,882	51,649	64,117
Fourteenth	28,080	23,282	26,436	26,412	30,171	26,038	30,782	34,935
Fifteenth	27,587	25,372	27,587	25,529	31,882	23,183	22,707	24,066
Sixteenth	48,176	41,972	48,359	48,235	52,188	49,230	61,419	52,808
Seventeenth	72,054	70,163	95,265	100,975	104,817	102,668	107,257	130,796
Eighteenth	57,462	47,613	59,593	61,193	66,611	63,100	70,299	61,345
Nineteenth	38,795	39,045	86,038	118,777	129,191	232,978	257,766	257,448
Twentieth	67,519	61,884	75,497	79,764	80,015	81,218	93,844	80,298
Twenty-first	49,017	38,669	36,793	58,831	66,516	62,293	78,689	60,211
Twenty-second	61,223	47,361	71,149	83,420	111,606	156,226	184,979	189,261
Twenty-third	.....	.....	.....	24,320	28,328	53,621	60,445	127,413
Twenty-fourth	.....	.....	.....	18,874	13,288	19,779	20,810	168,094
Total	813,669	706,186	942,292	1,041,886	1,206,709	1,513,591	1,710,215	2,030,600

* June 1, 1890. † October, 1890. ‡ Twenty-third and Twenty-fourth Wards annexed January 1, 1874.

§ On June 6, 1835, a portion of Westchester County, comprising a part of the present Twenty-fourth Ward, was annexed to the City of New York; the population of this annexed district, June 1, 1835, according to the United States Census, was 25,081.

FORMER NEW YORK CITY.
BOROUGH OF MANHATTAN AND THE BRONX.
Annual Number of Deaths from Prominent Causes for Forty Years.

Year	Convulsional Infl.	Diphtheria	Croup	† Typhoid Fever	Typhus Fever	Measles	Scarlat. Fever	‡ Small-pox	Malaria Fever	Whooping Cough	§ Diarrheal Diseases	¶ Diarrheal Diseases of Children Under 5 Years of Age	Cancer	Phthisis	Other Tubercular Diseases	Heart Diseases	§ Diseases of Nervous System	Bronchitis	Pneumonia	Bright's Disease	Puerperal Fever	Other Puerperal Diseases	Sunstroke	Accidents	Homicide	Suicide
1868	34	272	342	339	337	200	261	26	132	217	4,110	3,546	215	3,474	727	615	3,174	503	1,668	134	101	121	196	733	46	98
1869	42	328	481	378	322	238	266	202	128	358	3,463	2,884	204	3,164	846	686	2,650	877	2,700	157	108	116	26	792	37	192
1870	33	308	421	422	36	202	273	283	213	201	4,483	3,917	323	4,030	926	699	3,007	893	1,836	782	150	128	238	834	45	101
1871	28	218	466	351	62	405	291	845	279	462	3,869	3,353	335	4,286	886	812	3,856	664	1,734	947	193	188	21	1,071	63	114
1872	582	446	675	380	80	462	600	930	325	851	5,336	4,913	393	4,274	909	304	3,759	1,040	3,150	919	284	102	320	1,108	60	144
1873	300	1,151	730	311	20	306	1,048	147	293	268	4,473	3,903	425	4,134	907	860	2,772	1,058	2,328	876	239	169	34	668	73	118
1874	168	1,058	284	395	34	319	824	184	291	485	3,309	3,468	416	4,034	812	883	2,434	1,065	2,198	810	223	161	19	1,008	59	180
1875	146	1,120	768	316	28	297	214	1,880	246	307	4,942	3,173	424	4,329	703	985	2,477	1,111	2,802	909	222	148	19	367	62	135
1876	142	1,750	347	393	40	351	801	315	195	306	4,072	3,634	439	4,194	776	992	4,437	1,074	2,044	928	169	150	266	902	35	150
1877	116	951	474	331	17	331	981	14	210	341	3,802	3,297	425	4,044	647	880	2,337	1,024	2,148	943	185	113	21	820	37	148
1878	92	1,092	399	371	8	291	1,099	2	273	324	3,213	2,783	570	4,406	721	1,066	3,358	1,184	2,288	919	172	128	32	309	68	142
1879	108	691	384	362	8	243	1,427	25	299	337	3,271	1,826	572	4,343	208	1,164	2,443	1,083	2,324	1,097	216	141	21	837	48	117
1880	170	1,030	910	372	1	473	810	31	335	277	4,492	3,815	659	4,706	726	1,332	2,672	1,275	2,312	1,089	224	163	116	1,007	58	154
1881	401	1,240	1,078	324	100	449	1,054	457	457	430	4,821	4,159	706	5,212	813	1,289	3,149	2,511	3,261	1,187	244	132	134	1,059	65	166
1882	238	1,555	729	316	65	913	2,099	259	381	638	4,654	3,359	732	5,247	803	1,472	2,865	1,783	3,472	1,221	236	171	103	1,099	76	199
1883	222	1,099	544	631	15	216	744	12	321	327	3,902	3,497	678	5,200	653	1,603	2,747	1,435	3,499	1,195	254	162	83	1,168	62	161
1884	210	1,090	748	476	27	762	808	..	360	400	4,329	3,722	721	5,225	894	1,668	2,911	1,685	2,730	1,163	241	107	107	1,055	61	229
1885	204	1,331	811	465	15	736	139	26	297	393	4,140	3,482	751	5,106	789	1,800	3,095	1,605	2,650	1,288	213	181	140	1,028	59	202
1886	202	1,207	698	322	14	668	171	31	280	373	3,694	3,595	776	5,477	870	1,894	3,081	1,791	3,650	1,219	186	195	22	1,176	63	221
1887	203	1,107	389	321	..	767	310	99	200	188	4,620	3,947	832	5,260	747	2,018	3,373	1,838	3,797	1,128	198	127	216	1,288	70	235
1888	171	1,014	529	364	4	591	1,129	81	278	373	4,367	3,648	870	5,260	812	1,850	3,240	1,892	4,285	1,147	226	109	90	1,085	57	247
1889	242	1,080	695	297	..	479	1,242	1	278	647	4,309	3,863	808	5,179	890	1,970	3,491	1,914	3,075	1,792	229	107	32	1,148	72	241
1890	235	1,262	524	352	..	730	408	4	178	387	4,304	3,729	954	5,449	917	1,978	3,210	1,987	4,389	2,024	208	173	67	1,449	61	231
1891	195	1,361	609	384	1	661	1,229	2	186	352	3,899	3,034	900	5,160	940	2,285	3,341	1,836	5,818	2,116	220	171	95	1,397	56	306
1892	230	1,420	670	399	11	884	977	81	161	371	4,864	4,177	996	5,031	1,068	2,320	3,653	1,754	5,841	1,991	272	140	320	1,900	38	241
1893	289	1,070	588	381	200	391	111	100	133	344	4,287	3,800	961	5,024	1,029	2,329	3,730	1,577	6,487	2,073	227	137	43	1,607	47	314
1894	213	1,259	817	320	..	284	141	144	110	479	4,266	3,737	1,022	4,808	1,060	2,179	3,466	1,300	3,725	1,570	193	166	115	1,728	61	331
1895	203	1,044	347	362	..	281	168	10	61	400	3,621	3,091	1,030	5,202	1,078	2,492	3,420	1,626	5,751	2,019	218	101	82	1,345	76	376
1896	198	1,153	298	397	..	214	102	1	102	322	3,682	3,279	1,141	4,094	932	2,206	3,350	1,992	5,093	2,105	162	208	262	2,047	71	381
1897	222	1,276	314	409	..	394	100	24	118	308	3,935	3,533	1,217	4,843	928	2,340	3,845	1,089	4,601	2,059	169	232	39	1,782	64	420

Year.	Men.	Cerebro-spinal Meningitis	Diphtheria	Croup	† Typhoid Fever.	Typhus Fever.	Measles.	Scarlet Fever.	† Small-pox.	Malaria Fever.	Whooping Cough.	Diarrheal Diseases.	‡ Diarrheal Diseases of Children Under 5 Years of Age.	Cancer.	Pneumonia.	Other Tubercular Diseases.	Heart Diseases.	§ Diseases of Nervous System.	Bronchitis.	Pneumonia.	Bright's Disease.	Puerperal Fever.	Other Puerperal Diseases.	Stroke.	Accidents.	Homicide.	Suicide.
1898.....	258	788	135	370	1	340	341	1	126	442	4,371	5,847	1,750	4,937	941	2,379	2,155	2,127	5,101	2,426	157	210	298	1,860	93	463	
1899.....	287	940	145	404	..	379	374	18	80	357	3,292	2,935	1,401	5,258	971	2,293	2,199	1,130	5,018	2,730	138	247	35	1,808	97	435	
1900.....	201	1,121	155	372	..	470	315	..	104	318	3,805	3,340	1,473	5,278	910	2,276	3,091	1,094	6,747	2,924	169	159	205	2,198	92	503	
1901.....	201	1,127	..	418	..	472	635	399	93	130	3,693	3,296	1,373	5,233	816	2,088	2,404	934	5,792	2,924	135	246	298	2,379	82	470	
1902.....	190	1,142	..	399	..	462	635	218	97	381	3,336	2,982	1,536	4,893	831	2,133	2,399	1,020	5,841	2,814	104	247	25	1,927	89	477	
1903.....	208	1,232	..	350	..	321	465	..	39	167	3,926	2,761	1,683	5,263	839	2,064	3,241	850	6,308	2,021	140	234	76	2,034	78	521	
1904.....	1,083	1,272	..	390	..	556	834	1	38	149	3,759	3,390	1,740	5,311	783	2,188	4,442	1,041	8,029	3,146	169	278	22	3,021	119	507	
1905.....	1,110	860	..	319	..	314	271	..	10	219	3,522	3,349	1,731	5,678	679	2,072	4,591	864	6,135	3,172	182	390	134	2,283	103	422	
1906.....	802	683	..	309	..	662	212	..	27	202	3,052	3,354	1,856	5,900	706	2,506	3,612	226	6,682	3,231	157	301	75	2,280	158	442	
1907.....	471	1,011	..	220	..	439	421	1	21	201	3,032	3,641	2,032	6,030	779	2,211	3,431	435	7,333	3,249	100	261	25	2,467	188	442	

* Exclusive of 33 killed in riot July 12.

† Including typho-malarial fever.

‡ The vaccinating corps was organized as a separate branch of the Department on September 29, 1874, in accordance with chapter 635, Laws of 1874, passed June 13.

§ Number given in annual report for 1873, 2,702; discrepancy caused by transfer of deaths of simple cerebro-spinal meningitis from zymotic to nervous causes.

|| Including croup since 1901.

¶ The figures on diarrheal diseases have been revised, so as to agree with the Bertillon classification of diseases, with the addition of dysentery.

Deaths in Former New York City, by Age and Sex, Since 1865.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866.....	14,287	12,328	4,260	3,576	1,314	1,254	1,124	993	6,848	5,823	766	676	636	1,044	2,016	2,241	1,917	1,418	874	1,020
1867.....	12,281	10,978	4,000	3,298	1,349	1,280	1,039	911	6,691	5,631	694	601	722	771	2,169	2,046	1,519	1,108	651	811
1868.....	13,200	11,589	4,394	3,763	1,480	1,408	1,035	987	6,909	6,136	831	728	797	799	2,534	2,241	1,667	1,140	776	990
1869.....	13,060	12,708	4,062	3,493	1,304	1,202	1,041	923	6,811	6,068	728	657	714	798	2,496	2,171	1,660	1,201	768	1,003
1870.....	14,425	12,709	4,524	3,849	1,440	1,371	1,136	1,000	7,116	6,214	860	743	820	808	2,521	2,208	1,657	1,193	818	1,074
1871.....	14,662	12,374	4,287	3,797	1,399	1,288	1,148	1,022	6,804	6,077	852	788	794	801	2,090	2,016	1,642	1,193	812	962
1872.....	17,327	15,320	5,260	4,531	1,514	1,488	1,600	1,415	9,834	7,534	989	916	1,199	1,065	3,384	2,893	2,260	1,688	960	1,211
1873.....	18,313	13,771	4,649	4,029	1,444	1,380	1,440	1,332	7,536	6,650	924	819	869	970	2,928	2,593	2,180	1,569	959	1,187
1874.....	13,060	12,667	4,442	3,814	1,479	1,392	1,398	1,281	7,010	6,394	830	763	822	845	2,781	2,432	1,972	1,502	873	1,204
1875.....	15,079	14,720	4,560	3,971	1,526	1,468	1,596	1,376	7,793	7,025	916	827	916	1,019	3,025	2,641	2,380	1,660	1,019	1,394
1876.....	16,437	13,720	4,956	3,884	1,559	1,416	1,544	1,441	7,799	6,691	830	762	825	900	2,860	2,413	2,111	1,672	1,066	1,283
1877.....	19,022	17,579	5,080	4,433	1,591	1,494	1,633	1,461	8,310	7,294	771	618	763	811	3,406	2,973	2,694	1,940	1,043	1,350
1878.....	15,997	14,011	4,348	3,772	1,487	1,420	1,258	1,216	6,303	5,917	710	798	743	800	2,800	2,402	2,074	1,610	1,071	1,264
1879.....	14,807	13,545	4,141	3,472	1,319	1,200	1,413	1,274	6,770	5,367	799	701	794	944	2,800	2,391	2,079	1,691	1,180	1,310
1880.....	16,831	15,100	4,819	3,915	1,281	1,400	1,321	1,493	7,012	6,238	815	788	941	969	2,723	2,380	2,016	1,444	1,034	1,060
1881.....	16,571	14,623	4,338	4,133	1,315	1,760	1,435	1,177	6,368	6,000	1,347	1,310	1,212	1,171	3,091	2,293	2,114	1,660	1,226	1,248
1882.....	16,090	14,228	4,278	4,480	1,364	1,304	1,075	1,062	6,177	5,201	1,080	1,021	1,045	1,199	2,978	2,672	2,066	1,477	1,091	1,336
1883.....	18,179	15,837	4,799	3,968	1,450	1,201	1,205	1,223	7,164	6,392	871	831	1,186	1,018	3,010	2,168	2,302	1,895	1,314	1,801
1884.....	18,407	16,633	5,206	4,440	1,578	1,411	1,100	1,081	7,130	7,129	1,260	782	1,037	1,138	2,952	2,238	2,134	1,526	1,140	1,850
1885.....	18,016	16,980	5,035	4,268	1,584	1,420	1,120	1,120	7,159	7,198	1,320	792	1,078	1,162	2,917	2,344	2,320	1,640	1,305	1,803
1886.....	18,260	17,084	5,520	4,301	1,712	1,496	1,067	1,096	8,248	7,073	853	791	1,172	1,112	3,009	2,195	2,320	1,660	1,607	2,051
1887.....	16,007	15,036	4,579	4,303	1,686	1,354	1,092	1,028	6,981	7,235	844	702	1,077	1,110	2,809	2,343	2,342	1,628	1,241	1,690
1888.....	15,358	14,617	5,048	4,763	1,639	1,373	1,070	1,045	6,977	6,084	1,092	923	1,084	1,150	2,190	2,104	2,044	1,597	1,260	1,650
1889.....	17,280	16,390	5,730	4,797	1,716	1,508	1,216	1,066	8,000	7,078	942	881	1,200	1,272	2,811	2,171	2,004	1,590	1,292	1,698
1890.....	17,432	16,666	5,598	4,600	1,647	1,465	1,114	1,051	7,800	7,046	745	722	1,079	1,232	2,947	2,660	2,083	1,597	1,379	1,772
1891.....	18,191	16,523	6,130	5,122	1,840	1,683	1,273	1,087	8,231	6,999	952	927	1,188	1,316	3,072	2,790	2,014	1,627	1,272	1,540
1892.....	18,044	16,855	6,270	5,174	1,973	1,749	1,304	1,071	9,000	8,281	1,094	979	1,200	1,326	3,060	2,770	2,240	1,691	1,278	1,578
1893.....	18,140	16,340	6,084	5,082	1,746	1,523	1,268	1,020	8,118	7,217	997	1,019	1,332	1,418	3,072	2,800	2,157	1,640	1,279	1,500
1894.....	18,210	16,650	6,911	4,913	1,777	1,577	1,254	1,086	8,144	7,110	999	916	1,240	1,312	2,978	2,615	2,040	1,643	1,000	1,137
1895.....	18,224	16,196	6,186	5,081	1,973	1,843	1,401	1,013	8,282	7,430	776	708	1,294	1,270	2,900	2,802	2,182	1,613	1,200	1,268
1896.....	18,398	16,610	6,040	4,751	1,693	1,510	1,246	1,073	9,087	7,740	106	780	1,202	1,221	2,994	2,697	2,086	1,620	1,257	1,412
1897.....	18,749	16,148	6,400	4,608	1,524	1,360	1,312	1,181	8,244	7,123	258	749	1,194	1,201	2,981	2,440	2,050	1,620	1,201	1,304
1898.....	19,799	16,639	6,112	4,908	1,652	1,450	1,157	1,160	8,364	7,427	500	699	1,246	1,166	2,934	2,671	2,028	1,610	1,201	1,310
1899.....	19,399	16,223	6,022	4,742	1,488	1,340	1,110	1,187	7,712	6,659	718	722	1,158	1,203	2,931	2,733	2,021	1,628	1,166	1,308
1900.....	19,430	17,728	6,240	4,420	1,448	1,410	1,247	1,129	8,548	7,194	819	818	1,031	1,021	2,920	2,617	2,061	1,621	1,171	1,264
1901.....	19,579	17,734	6,199	4,248	1,331	1,416	1,293	1,211	7,934	6,873	830	800	1,075	1,045	2,901	2,619	2,021	1,621	1,171	1,264
1902.....	19,677	16,927	6,191																	

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		2 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1870	423	197	2	3	—	0	0	11	11	10	27	28	34	43	55	71	39	91	9	16
1871	164	87	1	2	2	1	2	1	8	4	22	19	47	39	60	46	22	0	5	2
1872	220	166	1	1	6	2	7	9	14	12	44	39	55	66	76	41	45	18	6	7
1873	181	132	4	1	1	—	12	7	17	8	13	40	36	37	67	37	27	21	7	1
1874	159	145	—	4	1	3	5	1	6	8	29	24	30	44	49	20	45	0	7	7
1875	199	177	1	—	1	1	5	1	11	6	27	18	42	47	53	35	20	8	11	11
1876	180	145	1	2	1	2	13	8	17	10	19	21	53	30	64	44	18	21	9	9
1877	171	172	—	1	4	3	13	2	17	11	28	17	47	49	59	60	35	24	8	10
1878	163	158	1	—	2	2	10	12	13	14	24	28	39	36	49	31	21	22	6	5
1879	123	142	2	—	4	2	0	2	15	10	21	13	29	32	37	46	17	23	4	8
1880	202	170	1	3	8	3	19	12	13	28	23	30	39	73	45	93	48	16	8	8
1881	350	244	—	—	2	1	15	19	17	20	40	32	101	85	125	67	30	28	18	14
1882	287	242	2	—	1	4	9	11	19	15	29	32	42	80	102	99	35	22	2	0
1883	316	269	1	4	2	2	11	11	14	21	46	42	121	91	127	78	19	25	9	12
1884	267	209	1	—	3	1	9	7	13	8	31	21	76	60	110	83	32	26	5	6
1885	229	176	1	1	1	4	7	2	9	12	49	18	68	59	87	57	30	27	4	1
1886	237	196	4	2	3	—	18	8	14	10	21	29	72	35	83	64	90	12	6	8
1887	235	186	1	—	1	2	3	13	7	15	13	26	79	42	101	69	25	25	8	2
1888	215	129	—	1	1	—	0	2	10	3	18	24	80	44	97	43	26	14	1	4
1889	228	164	1	1	1	1	10	3	12	6	22	19	70	54	93	64	35	18	4	3
1890	203	154	1	—	2	2	3	4	8	6	19	21	53	43	82	59	25	19	9	3
1891	221	161	1	1	3	2	8	8	13	11	27	11	75	59	82	49	10	18	11	5
1892	230	179	1	2	4	2	7	2	12	8	17	12	75	39	103	64	27	22	5	4
1893	234	147	1	—	2	2	4	4	7	8	17	12	75	39	103	64	27	22	5	3
1894	194	130	2	1	1	1	2	1	5	5	19	19	49	16	95	37	25	21	2	1
1895	207	113	2	—	3	1	3	1	8	4	16	14	55	36	101	41	19	19	6	1
1896	186	117	2	2	—	—	7	1	9	5	20	22	36	31	68	42	14	16	3	1
1897	188	111	—	2	—	2	5	1	5	9	12	19	53	26	91	43	27	9	—	3
1898	211	123	—	—	1	1	4	1	5	4	22	13	69	35	102	59	25	16	4	1
1899	171	121	—	—	1	—	2	2	3	2	19	16	39	26	68	63	21	16	0	—
1900	234	138	—	—	2	2	1	6	9	8	21	14	58	41	124	61	44	19	1	1
1901	246	166	—	1	3	1	8	7	11	9	18	19	68	52	121	61	26	19	6	6
1902	262	137	—	—	4	1	4	1	8	4	19	20	61	48	150	68	22	11	4	0
1903	211	139	1	—	2	—	4	2	7	2	24	28	60	36	111	61	19	9	6	4
1904	193	114	2	2	1	3	2	7	10	12	9	11	22	39	95	43	24	12	3	3
1905	179	131	0	—	2	—	1	3	6	4	11	18	34	35	82	50	23	19	1	4
1906	227	142	1	—	1	3	4	3	5	2	20	23	65	42	120	51	19	11	2	4
1907	291	129	—	—	—	—	9	2	4	2	24	19	72	51	147	53	34	16	2	2

* Including typhomalarial fever.

Deaths from Typhoid Fever, Former New York City, by Months.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1871	28	33	15	15	14	8	16	26	29	21	24	26	210
1872	38	25	26	21	21	21	34	37	31	20	40	20	269
1873	22	23	19	14	26	16	10	42	48	25	29	21	294
1874	23	19	24	16	19	16	13	25	32	33	39	27	275
1875	26	16	19	21	19	18	22	40	68	42	34	26	317
1876	21	16	16	20	18	16	21	33	41	29	28	16	283
1877	14	21	8	8	20	12	16	32	43	32	35	29	275
1878	14	13	6	9	13	7	20	38	35	40	45	25	245
1879	18	19	7	11	8	9	10	30	38	28	0	19	178
1880	16	17	17	16	12	14	23	21	32	30	29	19	241
1881	12	10	27	38	30	18	33	42	74	59	33	47	446
1882	23	18	21	17	18	10	26	44	50	70	38	21	262
1883	16	16	24	24	15	22	31	63	79	90	66	22	471
1884	16	22	16	10	16	18	25	49	62	66	24	51	389
1885	16	11	19	14	16	12	19	32	49	59	34	26	294
1886	12	9	28	13	9	5	22	37	55	50	41	33	243
1887	28	13	21	11	11	16	33	31	13	18	26	22	181
1888	14	11	14	17	17	11	25	42	81	58	33	15	364
1889	27	15	21	18	17	19	21	71	37	37	40	24	297
1890	20	28	14	12	11	11	31	40	64	49	34	29	358
1891	14	11	17	13	20	23	28	57	61	56	21	26	184
1892	11	25	12	16	23	23	22	32	52	31	21	20	260
1893	22	18	26	23	26	23	21	33	62	76	41	26	381
1894	24	13	12	16	11	14	28	48	57	46	14	28	346
1895	17	16	8	14	13	23	27	37	46	48	37	36	324
1896	26	17	11	12	16	13	25	48	38	39	34	16	307
1897	19	13	9	10	14	19	20	40	32	40	28	14	299
1898	8	12	14	8	11	19	20	56	96	59	34	31	326
1899	15	9	14	13	18	11	23	26	41	32	43	26	294
1900	27	19	19	19	18	29	26	67	56	24	31	51	374
1901	31	19	21	22	18	14	31	46	64	64	26	26	414
1902	24	16	17	22	18	20	24	47	42	76	55	42	399
1903	21	16	19	21	23	22	23	39	43	48	31	34	350
1904	16	15	21	12	18	12	21	41	37	39	36	42	303
1905	19	15	17	15	11	16	25	43	49	44	28	28	310

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1906	11	21	8	25	17	16	27	39	45	64	55	38	369
1907	19	20	23	48	40	21	23	36	49	54	41	29	420

* Exclusive of typho-malarial fever, excepting 1888 to 1904, when it was included.

Deaths from Malarial Fevers, Former New York City, by Months.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1881	20	15	04	10	12	21	20	30	26	66	48	40	605
1882	26	28	24	40	29	28	45	63	31	56	44	37	540
1883	22	37	24	41	27	37	79	64	44	39	39	22	523
1884	27	37	25	28	31	34	37	44	54	27	29	23	395
1885	24	29	37	51	36	37	34	41	41	65	78	27	468
1886	26	24	32	37	43	25	19	33	29	44	37	33	394
1887	21	22	21	23	20	22	27	35	41	23	21	20	348
1888	13	13	23	24	24	18	21	21	29	20	20	20	270
1889	21	11	11	19	16	15	15	31	26	39	19	10	228
1890	17	19	9	8	15	20	15	22	19	15	19	19	176
1891	14	8	13	11	11	19	19	33	25	21	13	8	183
1892	8	10	15	11	12	16	17	12	21	12	16	16	161
1893	2	2	17	11	8	12	12	22	16	2	8	11	133
1894	10	1	8	16	13	18	11	15	11	11	9	5	126
1895	0	4	2	4	9	9	5	1	11	12	12	8	90
1896	2	1	8	6	10	11	6	9	12	22	8	4	112
1897	7</												

Deaths from Measles in Former New York City, by Age and Sex.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	81	60	15	13	45	41	24	20	84	54	0	0	0	0	0	0	0	0	0	0
1867	274	227	66	42	113	97	70	75	249	214	22	14	1	11	11	1	11	11	11	11
1868	98	102	38	27	31	33	23	30	93	98	0	0	0	0	0	0	0	0	0	0
1869	271	255	14	62	104	95	81	74	259	231	11	20	1	4	1	0	11	11	11	11
1870	165	133	44	22	37	31	54	40	153	142	11	10	0	0	1	1	11	11	11	11
1871	113	196	50	42	78	76	61	67	199	185	14	8	0	2	0	0	11	11	11	11
1872	344	219	68	61	84	72	79	60	281	202	12	15	1	1	0	1	11	11	11	11
1873	141	165	40	50	46	59	43	40	140	155	10	7	1	1	1	8	11	11	11	11
1874	167	152	49	46	60	49	43	40	134	135	11	12	2	1	0	4	11	11	11	11
1875	70	91	12	22	21	35	23	20	68	83	8	8	0	0	0	0	11	11	11	11
1876	194	168	44	40	68	61	59	55	191	166	22	9	0	1	1	2	11	11	11	11
1877	87	68	34	14	27	25	20	24	81	59	0	0	0	0	0	1	11	11	11	11
1878	134	138	39	45	45	38	41	44	145	144	8	11	0	2	1	2	11	11	11	11
1879	130	114	33	16	48	47	36	38	117	101	12	14	0	0	1	0	11	11	11	11
1880	256	223	82	53	86	81	55	74	243	205	11	17	0	0	1	11	11	11	11	11
1881	210	210	37	62	71	73	70	67	193	202	16	14	0	2	1	1	11	11	11	11
1882	443	470	113	131	149	150	143	147	497	478	33	33	3	1	11	6	11	11	11	11
1883	371	345	109	83	131	136	91	90	331	309	11	28	3	3	2	8	11	11	11	11
1884	412	347	108	165	163	140	119	99	390	354	43	19	0	0	1	9	1	11	11	11
1885	375	361	103	107	143	140	90	86	347	333	26	24	0	3	1	1	1	11	11	11
1886	346	322	93	77	136	127	76	95	325	299	16	22	2	1	1	0	11	11	11	11
1887	387	380	110	116	138	140	100	101	386	351	16	27	1	4	2	2	11	11	11	11
1888	323	266	100	87	110	103	82	63	303	233	10	8	0	1	3	2	11	11	11	11
1889	234	236	66	55	93	80	51	26	213	200	18	14	4	0	0	2	11	11	11	11
1890	385	345	121	90	139	144	105	87	365	327	16	16	0	0	3	1	1	11	11	11
1891	316	347	82	64	116	138	95	102	293	334	18	12	1	0	2	1	11	11	11	11
1892	451	412	151	111	166	156	113	122	430	383	18	27	1	1	1	2	11	11	11	11
1893	292	191	57	54	85	67	47	39	189	186	4	11	1	0	2	0	11	11	11	11
1894	208	280	66	88	108	94	73	81	277	262	11	13	0	1	1	1	11	11	11	11
1895	374	419	84	108	167	157	105	134	356	397	15	20	0	1	2	4	11	11	11	11
1896	355	359	80	88	119	131	118	116	316	337	16	16	2	3	1	4	11	11	11	11
1897	192	199	31	35	80	79	52	50	181	184	6	12	0	2	1	3	11	11	11	11
1898	352	194	76	48	112	88	58	40	246	185	6	8	1	2	11	8	11	11	11	11
1899	404	377	86	35	81	90	62	46	186	171	16	8	0	11	11	1	11	11	11	11
1900	432	232	86	16	95	191	67	35	222	212	15	13	0	2	11	2	1	11	11	11
1901	150	184	37	24	53	46	46	40	138	112	11	7	0	1	11	4	1	11	11	11
1902	249	222	76	50	89	70	61	73	224	203	13	11	1	0	1	2	1	11	11	11
1903	167	154	38	43	60	62	38	41	159	146	6	8	0	0	1	11	11	11	11	11
1904	282	274	79	66	103	121	76	73	258	262	17	9	1	2	8	1	11	11	11	11
1905	179	144	60	37	72	61	31	34	163	134	5	10	0	2	1	1	11	11	11	11
1906	306	310	88	68	123	122	84	91	301	311	14	13	4	0	1	2	11	11	11	11
1907	225	293	74	59	91	81	59	54	204	194	12	9	2	4	2	1	11	11	11	11

Deaths from Measles, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871	108	80	53	44	38	24	28	17	4	0	9	4	409
1872	13	48	45	46	55	81	24	41	3	14	17	14	463
1873	25	20	20	17	36	40	36	23	5	21	13	21	306
1874	26	26	36	41	43	43	45	18	13	8	6	6	319
1875	8	3	7	6	16	23	27	18	8	5	11	11	167
1876	42	63	67	55	45	34	27	2	5	14	5	3	362
1877	4	1	4	8	26	28	24	17	7	12	4	20	155
1878	16	38	54	56	33	18	10	5	8	2	5	7	272
1879	1	1	4	12	11	26	28	24	20	13	31	74	244
1880	100	94	64	73	70	21	21	9	7	1	6	10	479
1881	18	21	38	35	63	93	38	29	12	5	15	52	434
1882	140	142	124	131	140	79	60	45	8	22	21	44	913
1883	60	50	81	108	103	92	77	46	16	21	21	41	716
1884	36	29	32	41	93	117	144	57	36	26	20	98	762
1885	150	119	119	98	84	73	52	17	5	2	11	6	736
1886	5	2	8	10	17	26	58	36	21	48	166	221	668
1887	293	181	66	43	33	23	29	6	7	10	22	24	267
1888	26	23	18	29	54	86	86	55	36	38	42	98	591

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1889	112	87	73	60	29	29	18	8	3	5	18	23	470
1890	24	32	50	109	120	107	61	45	20	28	48	25	739
1891	165	53	67	84	84	79	59	46	13	24	14	41	663
1892	10	47	77	119	168	160	98	32	25	11	21	17	864
1893	38	27	25	27	31	49	16	35	27	11	43	54	393
1894	193	106	118	85	45	36	26	5	11	13	19	24	584
1895	26	33	65	85	115	136	93	51	20	20	26	85	792
1896	93	95	118	126	79	69	44	20	14	14	12	23	114
1897	45	33	46	35	40	35	31	21	10	24	31	30	391
1898	71	38	84	67	47	33	25	12	11	6	12	22	440
1899	33	20	23	30	41	47	39	19	14	22	43	46	379
1900	79	103	86	64	44	35	27	16	9	6	2	9	470
1901	7	7	13	16	21	21	36	11	8	11	26	95	222
1902	89	193	73	57	32	40	24	9	2	6	19	19	462
1903	28	36	38	36	39	29	37	12	9	8	26	22	221
1904	69	56	92	103	83	52	31	16	14	9	17	17	516
1905	17	13	36	31	42	65	40	20	10	7	15	18	314
1906	51	79	131	127	98	71	44	13	12	7	14	15	662
1907	12	16	26	43	48	67	85	37	16	14	29	30	430

Deaths from Scarlet Fever in Former New York City, by Age and Sex.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	420	386	26	22	76	64	110	118	322	304	69	77	2	3	0	0	11	11	11	11
1869	323	327	15	27	54	48	176	182	258	257	61	68	4	1	1	1	11	11	11	11
1868	417	444	34	20	71	63	200	205	397	392	193	119	3	10	4	10	11	11	11	11
1869	488	478	36	47	103	92	246	223	387	362	88	106	10	5	2	5	11	11	11	11

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1870	499	476	29	43	102	88	235	246	376	372	116	98	5	8	2	3	..	..	..	..
1871	397	394	28	29	69	51	205	225	394	403	85	81	5	7	5	3	..	..	..	..
1872	521	469	47	31	91	69	249	247	483	392	144	109	8	6	12	12	..	..	..	..
1873	570	475	57	39	99	74	297	248	433	355	127	144	7	11	1	5	..	..	..	..
1874	476	463	34	29	79	56	234	181	347	366	119	117	5	11	4	9	1	..	..	..
1875	262	215	30	19	54	30	115	117	197	125	51	64	8	9	2	4	..	..	..	..
1876	447	444	39	27	84	76	221	208	338	311	103	140	2	7	4	4	..	..	..	..
1877	489	494	32	34	85	75	226	255	315	382	131	143	4	4	..	5	1	..	..	..
1878	916	581	44	36	108	106	265	299	395	426	111	144	4	7	6	4	..	2	..	1
1879	784	695	52	33	145	134	491	351	601	519	123	161	8	7	..	8	..	..	..	..
1880	323	295	18	13	66	54	180	152	264	221	54	79	2	2	1	2	..	..	..	..
1881	956	1,008	47	50	164	152	467	492	628	664	258	278	9	19	10	15	1	1	..	1
1882	1,072	994	68	53	196	142	529	489	788	684	240	262	24	25	18	23	2	..	..	..
1883	387	327	36	31	68	63	167	174	271	268	88	84	5	18	2	8	1	..	..	..
1884	314	294	30	25	67	55	133	128	210	205	64	74	11	14	9	2	11	1	..	..
1885	395	264	29	21	67	52	120	118	245	191	63	61	3	6	4	3	..	..	..	..
1886	198	173	14	10	46	34	101	96	161	149	33	39	2	..	7	8	..	..	..	..
1887	297	292	13	12	37	38	169	131	239	221	52	66	8	3	2	1	..	1	..	..
1888	689	673	48	39	112	100	347	351	508	499	163	173	11	5	7	6	..	..	..	..
1889	622	620	43	43	131	95	375	298	479	446	118	147	14	23	10	14	1	..	..	..
1890	291	292	9	14	35	40	99	104	141	149	55	45	2	2	1	4	..	..	..	..
1891	616	604	40	26	108	95	319	302	464	445	156	165	11	10	5	5	..	..	..	1
1892	482	485	39	29	63	74	244	221	326	338	118	131	19	16	6	7	..	8	..	1
1893	283	266	24	23	49	40	137	127	206	199	69	68	9	4	3	4	..	..	..	..
1894	293	278	17	14	59	50	142	139	194	180	58	79	2	11	9	6	1	..	..	..
1895	248	229	16	12	34	31	149	103	199	158	42	37	4	1	3	4	..	..	..	..
1896	293	199	8	10	24	25	106	105	148	142	51	52	..	1	2	4	..	..	..	..
1897	265	235	19	15	56	38	177	124	193	172	66	59	..	4	1	..	2	..	..	..
1898	218	273	16	18	48	49	119	131	187	209	36	56	2	7	5	3	..	..	..	..
1899	191	173	10	9	22	32	81	81	109	121	48	48	3	2	..	..	..	..	..	..
1900	186	129	22	6	49	29	77	62	109	99	28	39	2	6	7	1	..	..	..	..
1901	322	313	21	18	47	39	121	138	209	195	109	102	2	7	9	8	1	1	..	..
1902	337	248	29	15	47	38	169	139	236	198	88	99	8	8	2	6	..	1	..	..
1903	251	234	9	10	41	35	91	101	141	146	77	79	7	2	6	9	..	..	..	..
1904	280	275	13	12	37	43	123	111	175	166	66	99	11	12	2	6	..	1	..	..
1905	137	134	12	4	19	16	54	52	95	78	31	35	8	5	2	5	..	1	..	..
1906	139	202	4	19	16	9	48	45	68	63	33	32	4	5	3	1	..	..	..	..
1907	279	241	8	6	21	26	99	88	131	129	65	79	7	10	5	2	..	..	..	..

Deaths from Scarlet Fever, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871	107	77	86	73	72	52	66	55	20	47	65	71	791
1872	95	102	103	146	131	113	75	27	25	47	65	76	990
1873	80	86	78	83	118	86	99	55	49	71	102	146	1,045
1874	116	100	114	80	78	81	38	51	52	48	45	56	899
1875	71	60	49	55	60	46	34	14	15	20	31	51	514
1876	81	80	109	124	168	92	56	29	25	33	74	91	891
1877	195	91	95	129	92	102	68	54	52	66	86	82	981
1878	111	96	110	97	94	87	57	34	35	60	102	107	1,099
1879	211	221	234	186	159	119	99	38	59	31	41	35	1,477
1880	34	33	25	38	46	39	29	27	24	54	119	168	618
1881	178	176	130	183	194	139	152	108	95	125	145	317	1,964
1882	403	401	337	291	234	154	60	44	26	26	37	44	2,066
1883	80	63	94	95	129	87	37	27	28	32	35	35	744
1884	51	60	64	68	68	54	48	21	25	19	39	78	608
1885	72	73	77	77	71	53	35	16	4	14	24	43	539
1886	89	43	42	49	44	19	25	15	11	18	23	23	371
1887	46	41	54	55	56	55	33	21	20	44	55	99	589
1888	109	116	121	136	145	138	84	79	66	65	112	188	1,361

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1889	221	268	249	229	180	60	39	9	12	19	17	29	1,722
1890	47	45	58	36	32	37	24	14	15	19	40	32	468
1891	88	115	100	169	155	121	118	64	44	56	73	125	1,220
1892	143	134	138	132	144	92	33	26	24	27	36	52	977
1893	58	69	79	86	81	53	31	19	11	15	14	28	551
1894	44	66	70	78	64	67	34	18	15	15	30	40	547
1895	68	62	78	59	51	46	15	13	10	16	16	35	468
1896	74	53	37	47	46	26	25	9	12	20	28	31	402
1897	59	51	59	51	51	58	36	14	22	32	42	54	599
1898	89	66	78	56	71	48	34	9	19	16	13	33	521
1899	39	41	52	34	39	41	15	7	9	9	15	31	324
1900	52	61	46	47	34	15	17	11	9	8	8	24	315
1901	55	61	102	106	100	64	43	19	8	12	33	32	625
1902	82	82	70	80	99	79	45	20	16	24	19	28	635
1903	46	52	62	73	57	49	26	13	19	9	22	47	465
1904	79	84	73	81	66	34	20	11	7	17	21	31	534
1905	42	42	51	36	35	22	7	2	3	10	10	11	271
1906	41	33	22	19	37	14	11	6	7	5	12	24	212
1907	21	31	42	51	57	61	30	22	13	15	28	44	421

Deaths from Small-pox in Former New York City, by Age and Sex.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	49	15	6	1	3	4	1	3	10	7	1	1	4	2	10	4	4	1	..	..
1867	19	7	1	3	..	..	..	..	5	3	..	2	3	1	3	1	1	..	..	..
1868	12	11	4	4	..	2	5	1	9	7	..	..	1	5	2	1	1	..	..	..
1869	168	99	19	28	18	13	20	27	59	68	9	11	6	12	23	7	6	..	1	..
1870	167	126	22	37	17	16	26	24	75	71	16	14	21	12	48	22	11	6	..	1
1871	454	331	74	98	34	31	53	43	161	134	58	55	84	62	231	77	19	17	1	2
1872	348	381	85	60	40	38	60	52	185	150	54	52	111	76	168	81	24	16	6	4
1873	67	59	15	16	1	4	2	3	18	23	7	3	10	9	26	14	5	1	1	..
1874	281	293	37	47	33	31	45	28	125	101	25	26	39	28						

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 3 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1881	125	151	73	53	31	54	23	30	129	147	6	4	..	..	..	..	..	..	..	..
1882	289	349	155	187	80	96	48	78	281	323	8	11	..	..	..	..	..	..	..	..
1883	162	158	80	88	43	37	35	28	160	153	8	7	..	..	..	..	..	..	..	..
1884	226	264	131	139	50	58	30	50	212	237	9	7	..	..	..	..	..	..	..	..
1885	216	279	118	127	57	81	29	52	214	270	5	6	..	..	..	..	..	..	..	..
1886	261	314	144	150	70	88	40	57	254	304	5	10	..	..	..	..	..	..	..	..
1887	87	101	40	48	21	20	13	18	85	96	4	4	..	..	..	..	..	..	..	..
1888	238	335	119	163	58	80	47	65	224	317	14	17	..	..	..	..	..	..	..	..
1889	285	362	167	173	67	97	49	81	283	351	4	11	..	..	..	..	..	..	..	..
1890	213	274	115	133	49	79	40	56	204	268	7	5	..	..	..	..	..	..	..	..
1891	168	184	95	96	42	44	28	39	165	179	3	4	..	..	..	..	..	..	..	..
1892	156	215	71	104	31	58	32	45	134	197	2	8	..	..	..	..	..	..	..	..
1893	240	223	122	126	61	63	39	59	244	226	5	12	..	..	..	..	..	..	..	..
1894	193	160	87	76	37	35	26	23	190	164	3	7	..	..	..	..	..	..	..	..
1895	216	280	114	127	58	62	38	50	210	269	5	10	..	..	..	..	..	..	..	..
1896	180	240	112	113	42	56	29	37	183	236	6	10	..	..	..	..	..	..	..	..
1897	132	176	71	87	36	52	31	31	130	170	2	6	..	..	..	..	..	..	..	..
1898	198	244	105	110	51	70	28	51	195	247	3	..	..	..	..	..	..	..	..	..
1899	158	192	74	90	38	40	25	45	152	185	1	5	..	..	..	..	..	..	..	..
1900	143	175	69	78	38	45	32	41	139	164	4	9	..	..	..	..	..	..	..	..
1901	65	94	31	43	22	26	13	19	64	91	1	2	..	..	..	..	..	..	..	..
1902	175	210	100	111	43	49	28	44	171	204	4	6	..	..	..	..	..	..	..	..
1903	76	111	37	57	25	36	13	22	76	108	..	3	..	..	..	..	..	..	..	..
1904	59	70	28	37	20	22	8	15	46	58	3	2	..	..	..	..	..	..	..	..
1905	105	134	51	70	27	33	20	27	104	130	3	3	..	..	..	..	..	..	..	..
1906	92	107	51	34	25	23	17	21	91	102	2	5	..	..	..	..	..	..	..	..
1907	107	94	59	25	39	16	17	37	106	88	1	5	..	..	..	..	..	..	..	..

Deaths from Whooping Cough, Former New York City, by Months.

Year.	Year.												Total.
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
1871	17	14	22	24	27	15	26	51	51	21	20	66	405
1872	94	92	74	81	64	43	33	28	24	21	9	12	563
1873	14	22	31	24	19	14	23	27	26	22	19	21	268
1874	28	38	43	30	28	38	47	59	57	46	35	30	489
1875	40	43	49	38	31	27	42	31	37	26	39	23	407
1876	37	36	45	44	36	28	25	46	33	21	24	20	406
1877	73	36	28	32	24	16	33	68	51	29	16	24	440
1878	25	18	20	18	21	23	21	20	24	21	21	20	383
1879	67	61	91	89	54	40	38	23	37	27	23	21	537
1880	21	24	25	24	20	26	25	23	23	21	18	17	277
1881	15	19	19	16	13	17	22	26	37	29	29	23	286
1882	30	44	70	74	67	50	73	73	56	43	35	39	638
1883	25	32	25	31	27	19	26	43	48	21	16	12	327
1884	22	26	23	24	24	28	24	33	72	51	42	31	490
1885	28	27	35	26	24	22	49	31	36	15	16	76	493
1886	20	26	27	27	24	23	30	48	37	19	22	11	373
1887	32	14	16	16	12	15	25	24	24	8	7	10	188
1888	25	21	29	28	26	20	20	21	22	20	17	20	373

Deaths from Diphtheria and Croup in Former New York City, by Age and Sex.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 3 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	416	387	92	51	113	100	168	156	373	347	33	44	4	5	3	5	3	4	1	2
1867	299	284	64	51	74	88	123	103	266	254	26	25	..	3	4	4	3	..	..	..
1868	327	294	73	43	87	73	122	124	285	250	35	39	1	7	3	3	1	..	..	..
1869	413	398	86	68	112	101	162	170	368	345	40	47	1	7	5	4	3	1	..	..
1870	394	302	48	50	105	86	150	170	316	266	42	56	2	2	2	2	1	1	..	..
1871	359	345	47	37	105	93	168	157	321	287	33	52	4	4	2	1	..	..	..	..
1872	337	364	72	57	122	124	163	178	427	439	75	97	3	2	2	3	..	..	..	..
1873	349	284	95	66	127	101	183	141	373	280	214	242	6	3	11	3	1	6	4	1
1874	1,092	1,167	197	90	227	212	310	392	844	811	225	223	9	9	10	8	8	4	1	2
1875	1,316	1,371	143	106	239	230	315	393	1,199	1,159	297	288	8	10	9	9	3	5	..	..
1876	1,176	1,101	121	101	221	228	328	330	970	861	187	213	6	11	8	12	5	5	1	1
1877	261	262	80	61	123	168	325	309	624	549	123	125	6	5	2	2	1	1	..	..
1878	767	739	91	52	179	154	323	335	643	573	125	126	3	3	4	1	2	2	..	..
1879	1,08	592	88	33	133	133	254	299	505	475	86	104	2	2	1	6	..	..	..	..
1880	1,124	1,146	101	77	220	231	326	321	957	890	129	228	1	3	6	4	1	2	..	..
1881	1,073	1,034	126	121	371	344	790	758	1,320	1,233	244	247	14	19	2	19	2	4	1	2
1882	1,126	1,118	113	102	297	244	510	533	1,114	898	299	219	11	6	7	8	3	4	..	..
1883	830	817	97	77	244	174	365	373	677	644	148	165	4	15	2	4	..	..	..	..
1884	939	804	103	69	220	215	474	486	723	591	162	160	10	2	5	7	2	1	2	..
1885	1,228	1,192	104	94	245	246	510	521	890	891	176	200	6	4	5	4	1	2	..	..
1886	1,393	1,362	159	117	379	391	650	614	1,338	1,092	242	251	4	6	8	10	1	2	..	..
1887	1,617	1,429	164	99	383	393	772	726	1,319	1,127	272	276	15	19	9	12	2	2	..	..

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 3 Years.		Total Under 5 Years.		5 Years and Under 12 Years.		12 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1888	1,378	1,218	120	116	375	284	625	577	1,071	979	228	236	12	11	40	4	3	2	2	..
1889	1,281	1,110	126	104	287	271	514	499	997	876	209	213	5	11	5	8	..	2	4	..
1890	930	861	99	71	221	188	439	433	769	691	151	183	1	9	4	0	1	4	1	..
1891	1,019	924	111	85	234	203	494	465	837	744	161	183	0	11	8	4	3	4	..	..
1892	1,139	989	94	62	269	222	580	494	941	783	160	189	0	10	6	5	3	4	1	..
1893	1,071	1,058	98	116	300	271	617	612	1,012	995	246	283	3	12	..	8	5	5	3	2
1894	1,064	1,406	127	100	331	301	731	707	1,207	1,111	498	475	8	5	3	11	1	2	11	1
1895	1,017	940	130	84	347	321	477	449	824	795	340	281	6	5	9	0	3	4	..	10
1896	898	822	90	63	241	197	495	440	747	691	129	167	2	8	11	2	3	1	11	10
1897	776	820	72	74	196	212	350	354	628	641	198	179	3	3	3	1	1	4	14	..
1898	473	448	52	35	150	191	193	203	395	339	63	103	4	1	0	5	4	..	1	10
1899	347	390	91	52	133	149	240	257	415	458	83	80	1	4	0	9	..	3	11	10
1900	699	697	71	64	147	168	297	279	510	481	131	138	9	7	11	10	2	..	..	1
1901	609	697	64	77	124	123	475	481	511	483	93	115	2	6	3	3	3	..	1	10
1902	918	990	71	57	179	139	256	212	266	396	111	98	5	0	8	0	1	..	..	10
1903	913	894	73	59	171	147	273	264	499	467	199	171	8	4	8	2	3	..	1	..
1904	971	914	85	63	181	169	273	254	511	484	191	191	0	8	2	11	..	5	1	..
1905	426	444	99	54	111	106	181	180	369	346	68	75	3	5	4	5	..	..	..	..
1906	559	446	82	55	173	119	222	171	448	243	85	86	6	7	0	3	1	3	..	..
1907	544	471	80	64	159	139	214	186	456	389	67	86	4	4	11	11	0	1	..	..

Deaths from Diphtheria and Croup, Former New York City, by Months.

Year	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1891	81	92	14	98	12	13	99	13	11	63	21	81	704
1892	105	64	99	97	70	10	20	21	00	124	100	174	1,124
1893	121	120	146	118	103	110	134	133	170	223	243	242	1,883
1894	205	120	163	128	134	140	132	135	132	124	109	117	2,259
1895	126	120	269	201	141	243	207	193	140	183	169	149	2,087
1896	359	498	391	210	102	134	96	93	91	191	142	131	3,277
1897	168	329	234	140	102	76	54	49	131	191	175	163	1,623
1898	197	124	113	194	121	98	84	61	76	110	144	124	1,309
1899	113	111	198	97	77	66	44	34	69	124	115	130	1,193
1900	118	140	123	149	149	114	111	149	182	207	273	246	2,300
1901	128	223	180	223	221	189	232	229	227	281	263	311	3,287
1902	201	349	240	234	226	129	126	192	79	147	149	164	2,324
1903	180	149	131	140	119	114	96	114	115	136	131	161	1,623
1904	166	147	141	147	113	126	100	100	87	100	257	252	1,633
1905	173	200	140	131	181	177	131	117	133	131	111	103	2,180
1906	233	439	210	167	138	134	134	134	131	130	131	136	2,602
1907	201	391	273	271	242	177	131	143	190	208	298	313	3,000
1908	319	346	261	171	269	220	171	143	92	134	171	133	3,633

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1889	260	234	477	480	447	206	132	110	180	123	120	137	2,991
1890	150	170	188	180	162	141	151	94	81	114	100	103	1,783
1891	135	105	163	166	131	133	134	111	159	176	209	236	1,928
1892	213	166	209	210	203	121	158	166	135	153	191	217	2,106
1893	210	168	222	191	205	201	188	145	148	214	279	260	2,348
1894	250	300	228	225	330	272	215	159	140	170	264	212	2,870
1895	219	177	160	187	194	171	152	137	103	124	145	170	1,976
1896	408	187	158	146	192	165	126	104	105	87	102	153	1,663
1897	163	115	167	150	195	164	127	94	89	81	102	108	1,500
1898	91	108	111	94	88	16	80	40	41	97	71	88	973
1899	97	76	68	94	64	99	82	74	73	86	104	118	1,063
1900	181	111	111	111	122	106	81	18	40	101	103	115	1,476
1901	130	90	110	117	142	147	79	53	59	78	87	146	1,607
1902	129	119	109	129	166	91	107	76	41	64	89	116	1,327
1903	126	103	120	129	191	108	85	46	60	72	88	116	1,388
1904	147	120	109	125	141	110	71	62	65	69	55	121	1,399
1905	109	62	70	100	62	62	61	33	43	16	47	79	860
1906	107	125	141	116	119	70	93	20	27	11	69	57	1,081
1907	109	108	77	66	64	107	85	69	24	11	64	100	1,011

Deaths from Pulmonary Tuberculosis in Former New York City, by Sex and Age.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 3 Years.		Total Under 5 Years.		5 Years and Under 12 Years.		12 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1888	1,591	1,500	11	37	67	36	12	24	113	91	25	35	118	260	813	271	412	289	84	114
1889	1,648	1,768	12	24	21	28	24	38	87	101	25	27	269	194	279	773	268	294	84	77
1890	1,802	1,962	20	21	24	29	23	25	29	66	27	41	391	314	309	766	276	204	100	87
1891	1,246	1,076	..	4	27	21	20	27	12	34	60	40	270	334	827	226	419	250	168	160
1892	1,097	1,013	11	16	14	17	10	17	84	68	16	19	114	301	392	999	333	289	131	111
1893	1,211	1,023	29	13	10	15	17	29	111	93	17	47	241	319	1,120	388	494	129	108	110
1894	1,174	1,028	20	7	19	10	16	24	91	80	17	26	356	375	1,168	1,074	471	371	199	144
1895	1,141	1,013	18	19	15	12	17	22	51	74	16	22	218	318	1,039	891	507	197	149	119
1896	1,066	1,038	18	21	21	12	11	41	85	67	16	17	228	310	1,059	966	197	197	109	113
1897	1,209	1,072	26	17	14	11	12	25	76	74	19	15	268	329	1,081	932	315	319	168	117
1898	1,192	1,012	23	11	10	14	11	11	71	75	18	15	230	344	1,099	941	481	273	111	102
1899	1,014	1,012	27	20	17	14	11	11	77	74	19	14	241	360	1,024	937	177	179	114	114
1900	1,236	1,210	44	18	14	10	11	11	101	88	22	13	281	436	1,090	1,064	371	431	113	108
1901	1,280	1,091	16	18	11	10	11	11	85	66	18	14	289	372	1,127	1,096	338	360	163	160
1902	1,444	1,268	18	10	11	11	11	11	109	71	13	13	331	486	1,166	1,133	391	378	134	160
1903	1,011	1,309	39	29	11	11	11	11	79	70	12	16	178	499	1,472	1,250	671	385	153	111
1904	1,241	1,298	14	16	11	11	11	11	91	117	14	11	217	397	1,431	1,172	662	471	147	121
1905	1,247	1,112	13	17	11	11	11	11	95	87	13	11	182	318	1,216	1,180	308	410	128	111
1906	1,211	1,209	17	11	11	11	11	11	103	104	11	11	208	360	1,299	1,221	362	428	132	121
1907	1,262	1,294	19	11	11	11	11	11	115	85	11	11	241	391	1,318	1,272	315	435	111	105
1908	1,149	1,128	18	11	11	11	11	11	111	85	11	11	218	303	1,318	1,173	751	480	151	168
1909	1,0																			

Deaths from Cancer, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871.....	28	20	35	26	34	20	34	24	26	24	40	24	335
1872.....	30	34	31	26	44	37	26	34	34	29	34	35	390
1873.....	40	29	38	35	31	34	50	38	45	30	29	34	425
1874.....	41	33	37	39	38	34	30	37	36	40	31	27	416
1875.....	20	20	43	40	20	49	38	22	37	29	23	20	421
1876.....	32	36	37	27	44	43	36	36	40	34	37	57	549
1877.....	49	29	42	28	41	33	46	52	49	38	39	47	495
1878.....	44	47	31	43	48	55	36	41	58	46	40	39	570
1879.....	44	42	48	50	44	47	37	57	50	41	43	49	572
1880.....	45	54	67	35	69	55	61	49	54	50	53	53	659
1881.....	66	58	44	60	73	60	46	59	56	70	55	59	706
1882.....	75	48	63	66	51	68	69	57	34	67	54	63	732
1883.....	69	52	56	59	71	62	57	66	57	51	58	51	678
1884.....	58	57	74	65	69	61	61	61	46	53	61	65	731
1885.....	55	68	67	46	62	60	60	60	56	68	69	68	751
1886.....	53	53	78	62	65	70	62	67	49	69	64	67	779
1887.....	82	49	59	70	63	80	68	73	66	92	56	74	832

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1888.....	75	67	80	69	78	78	46	62	53	84	64	74	850
1889.....	58	51	26	68	22	72	77	85	68	73	70	76	848
1890.....	62	61	80	78	102	80	78	74	81	65	70	86	952
1891.....	60	63	102	79	81	60	65	68	81	80	59	68	902
1892.....	76	83	90	82	82	81	87	85	84	86	84	77	999
1893.....	63	80	92	89	86	66	98	90	79	84	72	92	993
1894.....	78	75	86	92	85	89	104	93	60	79	79	93	1,024
1895.....	99	78	86	86	74	68	106	105	81	85	67	81	1,030
1896.....	97	69	91	103	93	94	93	101	79	73	105	96	1,143
1897.....	102	118	103	89	100	87	98	114	88	113	91	90	1,217
1898.....	90	83	103	107	110	101	120	113	98	115	117	101	1,260
1899.....	96	88	112	114	106	120	114	111	101	116	118	124	1,323
1900.....	125	133	120	133	122	121	116	125	121	119	122	103	1,427
1901.....	140	114	142	164	140	147	147	131	117	125	122	127	1,675
1902.....	116	100	143	130	168	127	124	128	112	117	136	127	1,816
1903.....	163	145	155	147	128	140	147	141	124	132	123	128	2,083
1904.....	143	134	157	137	152	143	131	140	124	135	159	148	1,749
1905.....	145	132	165	160	144	139	157	143	141	164	166	159	1,854
1906.....	150	154	146	160	144	146	161	167	159	157	142	121	1,856
1907.....	158	153	194	162	154	180	172	161	156	180	169	168	2,022

Deaths from Bronchitis in Former City of New York, by Sex and Age.

Year.	Total		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 3 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866.....	301	250	163	123	46	29	18	24	227	176	6	9	2	2	13	20	27	20	26	29
1867.....	373	320	184	140	81	53	34	45	229	218	8	6	3	6	21	21	35	28	17	24
1868.....	403	400	196	179	63	58	36	45	265	270	10	10	2	2	28	16	33	39	44	53
1869.....	455	410	231	185	71	76	50	68	335	279	2	11	1	1	24	16	33	26	38	25
1870.....	412	442	213	186	50	50	31	44	326	299	7	11	2	3	12	21	29	33	35	32
1871.....	402	472	239	238	79	67	33	44	373	349	12	6	3	2	13	14	30	36	39	34
1872.....	504	530	269	234	75	89	41	36	361	359	2	13	2	1	20	18	30	33	52	36
1873.....	523	543	293	258	79	73	33	42	497	373	6	11	4	0	19	16	34	38	33	37
1874.....	538	512	278	258	68	71	41	47	487	356	3	10	1	2	28	16	30	37	32	368
1875.....	585	540	307	233	92	44	43	44	449	331	9	9	1	1	16	19	48	44	62	322
1876.....	649	583	331	241	89	71	44	44	464	336	3	8	2	2	17	16	47	53	65	348
1877.....	462	371	238	216	64	61	30	39	316	234	11	6	1	1	22	22	16	29	60	330
1878.....	619	574	324	268	97	97	49	42	480	377	10	10	1	2	20	18	37	54	60	312
1879.....	591	679	313	292	75	73	42	33	422	408	13	12	3	2	19	24	33	39	34	373
1880.....	594	621	352	283	84	97	46	38	482	422	12	11	7	6	31	31	38	60	104	394
1881.....	778	752	404	311	108	104	68	60	680	482	17	15	7	4	47	35	46	73	101	393
1882.....	787	796	426	344	110	123	61	80	597	547	11	13	4	6	23	20	62	61	69	348
1883.....	763	873	386	279	100	96	49	37	533	412	13	6	3	4	20	28	30	32	121	310
1884.....	721	764	377	304	99	101	41	40	517	443	10	10	2	6	27	20	64	67	67	660
1885.....	801	802	388	323	120	99	30	37	590	466	11	11	8	16	36	28	71	78	103	305
1886.....	872	829	413	322	122	112	77	68	612	512	12	9	9	9	33	23	31	61	102	321
1887.....	946	912	453	361	113	102	63	79	639	544	12	11	12	12	48	47	99	119	122	377
1888.....	955	937	518	398	162	112	49	63	698	575	14	14	13	8	36	42	100	101	127	404
1889.....	908	906	459	362	137	120	62	56	616	518	13	11	12	23	46	39	73	114	163	420
1890.....	961	1,022	498	427	143	134	78	63	722	660	10	14	11	16	49	39	86	118	79	333
1891.....	992	912	492	403	147	122	56	67	760	562	12	17	8	9	46	39	74	111	81	344
1892.....	940	822	500	383	138	109	78	64	716	568	12	14	12	16	30	42	79	79	62	323
1893.....	736	821	423	398	106	108	62	64	593	581	7	13	7	12	44	35	54	73	51	393
1894.....	671	634	358	307	141	99	61	62	560	468	7	14	7	11	16	27	30	33	43	36
1895.....	790	846	463	406	122	128	61	65	628	629	11	15	2	3	26	20	37	74	53	393
1896.....	669	616	368	323	108	117	55	57	555	497	10	9	3	3	17	14	37	49	39	31
1897.....	537	544	328	258	84	87	40	44	451	369	9	16	1	4	13	13	30	45	30	31
1898.....	551	574	327	283	94	92	50	39	439	411	2	12	3	3	12	14	37	41	32	79
1899.....	564	530	372	279	90	82	38	43	505	406	9	12	3	4	4	10	28	40	29	37
1900.....	547	548	308	261	96	81	37	31	429	387	8	12	7	6	20	16	26	39	31	37
1901.....	413	591	262	243	69	81	32	38	395	493	9	1	3	2	11	11	12	37	27	79
1902.....	496	522	320	280	86	74	34	40	462	499	2	4	3	1	11	10	23	29	29	70
1903.....	413	436	222	205	77	84	34	32	323	344	9	8	1	3	3	13	11	31	13	63
1904.....	593	539	283	200	90	97	30	44	417	391	6	10	2	2	11	14	34	34	19	38
1905.....	471	453	257	229	52	65	26	36	349	326	4	12	2	4	2	6	20	32	31	78
1906.....	529	574	299	181	54	71	12	22	398	326	4	2	1	3	6	3	17	26	26	64
1907.....	222	211	133	102	35	37	7	7	277	136	4	6	1	1	4	3	2	8	21	62

Deaths from Bronchitis, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871.....	92	88	97	89	101	59	53	69	81	81	101	66	864
1872.....	95	101	132	132	87	94	59	38	37	73	80	37	1,046
1873.....	122	123	105	110	88	54	54	58	44	56	114	128	1,068
1874.....	111	111	127	108	94	52	42	57	67	103	120	1,005</	

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1884	158	151	148	137	131	84	79	78	71	118	160	193	1,485
1885	157	186	210	163	137	105	92	76	89	81	124	178	1,601
1886	202	174	190	127	119	88	85	76	101	133	164	228	1,721
1887	213	168	206	180	159	109	81	68	112	151	140	204	1,838
1888	191	200	227	181	158	120	111	97	111	134	158	184	1,892
1889	182	217	224	189	133	107	86	104	105	120	120	148	1,814
1890	201	169	229	201	163	115	94	68	96	121	130	172	1,985
1891	174	147	195	133	179	120	82	82	107	124	177	166	1,826
1892	221	178	206	191	183	125	106	87	107	104	132	137	1,734
1893	181	121	241	229	134	80	68	76	82	91	101	157	1,577
1894	175	150	128	136	97	101	62	61	71	95	107	140	1,379
1895	229	195	180	167	126	86	66	70	74	118	144	181	1,636

Deaths from Pneumonia in Former New York City, by Age and Sex.

Year	Total		Under 7 Years		1 Year and Under 2 Years		2 Years and Under 5 Years		Total Under 5 Years		5 Years and Under 15 Years		15 Years and Under 25 Years		25 Years and Under 45 Years		45 Years and Under 65 Years		65 Years and Over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1866	764	624	219	194	100	97	75	62	196	333	19	17	47	41	103	37	126	79	31	51
1867	773	661	270	187	112	119	79	83	461	386	13	24	37	30	41	80	109	22	28	61
1868	829	708	303	263	122	144	78	89	108	450	27	27	20	27	130	81	121	80	42	54
1869	1,144	956	318	293	168	152	146	127	512	581	64	39	18	20	164	116	131	97	55	93
1870	1,046	790	295	225	146	118	86	69	227	412	31	26	21	13	193	137	181	100	78	82
1871	1,000	812	251	208	153	116	102	102	506	426	28	14	21	17	181	106	177	103	93	84
1872	1,238	912	220	221	171	129	174	109	612	443	37	27	24	21	222	131	221	142	87	108
1873	1,337	921	357	291	170	123	100	100	627	518	41	22	21	24	177	129	228	127	102	101
1874	1,333	1,053	356	277	167	135	92	105	613	517	44	22	18	22	152	127	203	103	103	146
1875	1,528	1,244	325	299	201	181	106	117	663	607	46	22	17	16	134	172	110	172	131	161
1876	1,359	1,183	352	294	194	168	141	114	687	576	27	22	11	18	214	152	220	168	101	161
1877	1,171	977	293	268	165	123	103	91	560	484	21	18	19	10	106	100	160	95	118	118
1878	1,204	1,054	310	280	200	170	139	126	649	533	23	22	26	15	170	123	162	140	104	140
1879	1,411	1,143	351	239	161	161	126	120	638	520	26	11	19	20	161	163	140	141	141	171
1880	1,522	1,270	270	263	182	188	150	126	704	607	33	29	27	14	203	188	189	211	156	233
1881	1,820	1,472	400	307	230	263	191	157	823	677	67	22	27	13	100	212	257	227	152	293
1882	1,076	1,090	241	220	252	210	162	168	683	707	61	60	114	61	229	219	122	201	162	179
1883	1,047	1,462	320	293	210	173	146	143	726	622	66	23	132	21	248	122	221	221	157	198
1884	1,767	1,322	378	228	216	225	161	124	755	667	61	26	22	29	288	209	228	212	143	149
1885	2,243	1,692	398	273	252	196	170	164	800	683	31	27	122	22	254	227	306	215	199	203
1886	2,083	1,593	418	353	259	193	148	150	803	606	66	20	122	20	263	256	299	268	156	224
1887	2,039	1,648	428	332	252	198	169	177	829	727	61	29	110	21	221	268	327	282	181	229
1888	2,422	1,866	480	415	285	222	218	177	984	822	87	21	150	26	217	302	291	324	182	226
1889	2,200	1,769	502	422	266	229	187	180	933	812	82	29	146	111	281	279	406	313	146	192
1890	2,759	2,210	512	421	310	322	207	209	1,089	969	84	29	183	107	229	216	216	293	182	226
1891	3,158	2,590	720	522	384	323	287	249	1,410	1,096	121	24	182	122	219	216	227	284	274	322
1892	3,361	2,478	720	508	440	362	274	242	1,444	1,203	113	102	191	122	216	228	270	297	299	266
1893	3,692	2,725	721	591	371	323	261	223	1,213	1,157	99	106	200	148	282	282	289	257	253	286
1894	2,212	2,073	662	466	316	285	221	205	1,259	987	72	29	139	109	201	219	235	118	206	241
1895	2,126	2,005	802	609	424	323	272	268	1,528	1,212	92	97	163	124	228	267	203	223	223	312
1896	2,226	2,327	802	620	422	379	246	246	1,506	1,226	82	29	127	91	202	207	208	209	262	262
1897	2,585	2,036	726	591	386	302	220	167	1,318	1,060	72	23	168	90	222	160	272	193	193	270
1898	2,861	2,220	720	607	428	306	229	220	1,446	1,242	76	95	118	97	162	229	212	220	222	272
1899	2,926	2,282	800	627	441	308	256	259	1,697	1,092	77	80	122	112	156	212	202	266	241	312
1900	3,713	2,922	952	686	524	401	327	323	1,824	1,592	100	122	182	126	202	282	262	299	312	398
1901	2,227	2,622	782	611	422	421	222	222	1,227	1,202	92	93	127	112	160	172	201	191	272	321
1902	3,081	2,760	920	716	502	370	228	299	1,699	1,556	99	113	102	112	227	222	270	226	222	312
1903	3,227	2,872	821	608	462	302	227	229	1,526	1,260	99	106	127	91	221	227	227	210	222	210
1904	4,622	3,209	872	702	529	379	292	242	1,729	1,294	122	122	167	168	1,092	228	1,028	668	271	248
1905	3,205	2,744	862	672	469	323	222	222	1,523	1,216	86	89	122	91	192	208	222	212	297	226
1906	2,795	2,977	1,020	821	577	427	272	222	1,829	1,577	88	72	122	20	212	222	222	222	222	222
1907	2,110	2,219	1,009	868	523	467	303	263	1,822	1,322	91	72	122	82	227	228	212	222	222	222

Deaths from Pneumonia, Former New York City, by Months

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1871	227	193	212	188	170	94	79	63	128	157	128	192	1,824
1872	192	267	316	264	228	124	89	81	87	134	129	212	2,120
1873	224	228	262	248	269	137	118	103	103	146	229	219	2,328
1874	229	222	279	223	222	160	110	97	107	128	212	252	2,398
1875	210	207	294	278	263	149	138	112	125	174	225	252	2,802
1876	215	221	270	282	221	149	112	105	118	156	195	216	2,527
1877	263	222	278	223	192	115	105	102	109	124	176	181	2,148
1878	220	227	206	228	222	122	82	102	108	121	181	216	2,288
1879	227	251	329	272	212	126	102	82	112	171	228	270	2,552
1880	262	222	266	275	220	162	127	108	122	202	226	220	2,822
1881	256	271	291	292	282	170	157	122	127	200	222	180	3,201
1882	276	270	222	292	262	222	169	102	122	191	222	220	2,472
1883	257	261	266	272	222	112	122	122	127	182	220	221	2,409
1884	222	219	229	222	268	122	167	129	126	209	208	222	2,159

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1900.....	713	893	1,147	938	634	374	297	240	247	180	495	509	6,747
1901.....	790	493	744	612	500	316	245	231	207	191	498	703	5,792
1902.....	859	776	659	574	571	322	285	257	206	366	407	439	5,841
1903.....	692	745	742	643	616	370	321	263	268	351	348	747	6,308
1904.....	1,011	1,043	1,152	1,119	754	381	291	275	281	362	523	813	8,029
1905.....	804	584	737	701	553	373	299	261	237	320	323	605	6,139
1906.....	749	679	583	522	568	412	276	270	314	410	505	655	6,689
1907.....	932	804	876	733	623	497	352	305	315	384	351	604	7,338

* Deaths from Diseases of Nervous System, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871.....	227	201	246	240	246	215	248	252	188	208	179	206	2,650
1872.....	207	274	350	337	342	273	348	242	198	182	184	220	3,159
1873.....	279	227	314	253	334	194	252	222	227	208	166	194	2,722
1874.....	218	209	215	210	209	207	226	213	172	193	170	181	2,432
1875.....	209	188	227	218	199	166	252	219	204	137	151	107	2,417
1876.....	200	218	222	227	181	169	319	209	177	172	179	184	2,457
1877.....	182	178	200	193	218	204	260	198	197	199	179	160	2,337
1878.....	207	167	227	206	154	196	288	210	180	176	163	181	2,248
1879.....	243	192	230	175	203	213	250	194	186	160	162	205	2,445
1880.....	218	199	229	221	271	259	236	217	198	207	211	206	2,672
1881.....	277	269	312	334	276	225	270	248	224	234	213	256	3,149
1882.....	265	241	252	271	244	250	303	218	211	192	193	227	2,865

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1883.....	208	226	207	249	214	213	207	205	221	182	206	228	2,727
1884.....	228	222	259	275	247	274	250	258	222	217	203	247	2,911
1885.....	261	281	304	269	256	260	311	233	222	213	242	243	3,093
1886.....	239	253	299	293	266	251	290	227	204	240	217	266	3,081
1887.....	261	277	300	286	318	292	328	263	251	269	248	278	3,173
1888.....	212	267	286	327	298	337	266	255	270	264	250	329	3,029
1889.....	308	303	359	302	289	309	322	255	242	243	257	308	3,601
1890.....	361	362	365	313	271	272	296	251	218	246	264	269	3,276
1891.....	282	328	313	336	221	323	233	312	260	240	231	290	3,341
1892.....	293	298	372	333	326	317	397	265	243	254	246	270	3,623
1893.....	306	309	405	404	348	365	353	303	233	275	236	281	3,759
1894.....	242	303	330	313	300	319	326	226	253	258	252	281	3,166
1895.....	316	284	322	322	300	310	297	292	274	235	241	238	3,129
1896.....	268	272	324	301	297	277	316	255	238	229	218	243	3,138
1897.....	273	291	240	372	259	299	283	249	279	253	228	291	3,343
1898.....	312	285	283	300	271	250	270	249	249	228	272	261	3,155
1899.....	311	272	320	274	218	270	242	242	231	242	238	292	3,199
1900.....	272	297	348	326	292	313	242	181	202	210	227	250	2,891
1901.....	292	243	362	329	306	282	326	261	232	240	232	269	3,402
1902.....	311	227	325	249	238	242	281	222	228	222	260	294	3,399
1903.....	299	273	282	327	312	257	226	216	210	272	271	291	3,241
1904.....	252	297	243	249	272	216	326	263	266	226	299	391	2,822
1905.....	432	435	619	622	500	347	312	229	268	291	246	318	4,391
1906.....	339	345	330	402	372	264	233	211	259	227	261	270	3,612
1907.....	331	299	322	337	343	282	235	204	222	277	236	280	3,413

* Include deaths from cerebro-spinal meningitis from 1904 on.

Deaths from Bright's Disease in Former New York City, by Sex and Age.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.		Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866.....	212	170	2	2	2	2	11	4	13	6	14	11	22	26	64	52	76	47	22	24
1867.....	225	178	1	1	2	1	5	1	8	1	11	6	18	29	84	85	86	44	18	11
1868.....	201	233	1	1	2	1	19	9	20	12	8	16	28	21	120	110	24	29	41	31
1869.....	330	222	2	2	3	1	14	8	16	11	21	18	27	31	117	79	112	60	39	26
1870.....	432	333	2	2	5	1	12	7	17	10	14	7	30	13	124	128	130	113	92	33
1871.....	371	416	2	1	3	2	16	11	17	6	14	14	20	23	172	168	152	129	73	46
1872.....	522	426	3	1	3	2	2	7	13	8	16	21	36	32	101	108	125	120	78	31
1873.....	371	323	1	1	2	1	11	11	12	12	11	6	20	28	128	124	173	129	39	27
1874.....	229	299	2	2	3	2	8	6	10	12	12	11	19	20	120	163	121	112	68	63
1875.....	261	242	2	2	1	1	5	5	6	9	7	9	27	22	106	121	121	120	61	61
1876.....	210	242	1	1	1	2	6	3	7	2	10	9	27	27	121	107	102	121	79	29
1877.....	293	250	2	1	2	1	9	5	11	2	18	15	22	21	121	100	122	122	73	27
1878.....	200	220	2	1	2	1	15	1	17	1	17	12	29	29	128	122	108	122	30	27
1879.....	228	261	3	1	1	1	10	8	14	2	12	12	35	22	121	125	108	122	21	23
1880.....	240	282	2	1	2	1	6	1	8	1	12	12	22	18	129	125	111	122	36	24
1881.....	635	532	6	1	2	1	9	4	12	2	12	13	21	28	202	179	273	228	121	69
1882.....	640	601	2	2	1	2	10	12	12	12	12	12	28	21	229	291	220	218	62	109
1883.....	661	532	2	1	2	2	6	2	8	6	12	12	28	28	229	172	210	201	121	107
1884.....	609	552	2	2	2	2	2	8	12	12	12	12	27	22	192	175	210	201	122	107
1885.....	658	510	2	2	2	1	6	2	10	12	12	12	22	22	197	190	222	201	121	97
1886.....	627	523	2	2	2	1	4	6	8	2	12	12	22	22	191	175	206	209	122	122
1887.....	581	347	1	2	2	2	2	2	7	2	12	12	22	27	121	127	227	222	122	122
1888.....	525	322	1	2	2	2	19	7	12	12	12	12	22	22	121	127	222	222	106	22
1889.....	909	722	2	2	2	2	10	2	18	2	12	12	22	22	212	221	222	202	122	122
1890.....	1,089	912	2	2	2	1	8	7	16	2	10	6	22	27	206	200	222	201	200	222
1891.....	1,113	903	2	2	2	2	12	8	19	11	12	22	22	22	222	222	222	222	222	222
1892.....	1,078	912	2	2	2	2	8	8	18	12	12	10	22	22	222	222	222	222	222	222
1893.....	1,120	922	2	2	2	2	9	2	16	2	12	12	22	22	222	222	222	222	222	222
1894.....	1,022	822	1	1	2	1	10	2	12	2	12	12	22	22	222	222	222	222	222	222
1895.....	1,022	927	2	1	2	2	2	1	12	11	2	1	22	22	222	222	222	222	222	222
1896.....	1,122	1,022	1	2	2	2	2	2	12	2	2	12	22	22	222	222	222	222	222	222
1897.....	1,022	1,022	2	1	1	1	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1898.....	1,202	1,222	2	2	2	2	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1899.....	1,200	1,222	2	2	2	2	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1900.....	1,222	1,222	2	2	2	2	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1901.....	1,222	1,222	2	2	2	2	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1902.....	1,222	1,222	2	2	2	2	2	2	12	2	2	2	22	22	222	222	222	222	222	222
1903.....	1,222	1,222	2	2																

Year	Total		Under 1 Year		1 Year and Under 2 Years		2 Years and Under 5 Years		Total Under 5 Years		5 Years and Under 15 Years		15 Years and Under 25 Years		25 Years and Under 45 Years		45 Years and Under 65 Years		65 Years and Over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1886	78	38	11	76	2	2	2	2	16	12	2	2	8	2	28	2	12	0	1	1
1887	108	26	8	6	2	2	4	2	14	6	3	2	12	2	24	4	24	6	4	2
1888	28	21	5	6	1	1	6	2	8	12	1	2	7	1	44	4	16	1	2	1
1889	66	23	4	9	1	1	2	1	8	9	1	1	5	2	31	3	21	1	1	2
1890	71	32	3	5	1	1	2	1	11	17	2	1	8	2	36	9	22	1	1	0
1891	128	38	10	2	1	1	2	2	14	6	2	2	4	2	50	11	25	11	3	0
1892	31	11	1	4	1	1	1	1	2	3	1	1	1	1	12	1	9	1	1	1
1893	172	41	11	10	1	6	4	1	16	14	2	2	12	4	102	10	31	11	3	1
1894	65	30	6	10	2	1	4	1	13	12	1	1	3	2	21	4	13	1	1	2
1895	24	8	5	3	1	1	1	1	3	2	2	2	2	2	7	1	1	1	2	2
1896	47	16	1	4	1	2	2	2	2	8	1	1	1	1	22	1	8	2	1	1
1897	28	17	13	6	1	1	2	2	18	7	2	1	2	2	24	1	13	1	1	1
1898	226	94	9	0	3	1	3	1	15	11	3	1	11	8	100	11	33	15	7	1
1899	34	11	3	4	1	1	1	1	4	2	2	2	1	1	14	1	8	2	1	1
1900	80	26	4	4	1	1	1	1	8	8	1	4	4	2	29	4	16	6	2	1
1901	53	32	9	9	1	2	1	1	12	14	1	1	4	1	36	8	16	2	1	4
1902	240	216	17	13	4	4	1	1	22	18	4	2	20	6	191	14	174	37	48	44
1903	36	9	2	1	1	2	1	1	11	1	1	2	1	1	12	1	1	1	1	1
1904	270	118	31	34	5	2	1	1	17	42	1	1	1	1	141	22	38	24	16	18
1905	52	40	16	9	4	1	2	2	20	14	2	1	1	2	16	1	9	10	1	0
1906	189	65	14	22	2	4	1	2	17	31	3	1	9	3	66	1	25	11	13	7
1907	305	194	57	38	16	20	2	3	66	93	2	11	16	6	175	64	104	115	61	108
1908	13	10	1	2	1	1	1	1	1	4	1	1	1	1	10	1	1	1	1	1
1909	41	15	8	11	2	1	1	1	6	16	1	1	3	1	21	1	16	2	6	6
1910	13	9	1	3	1	1	1	1	4	3	2	1	1	1	7	1	1	1	1	1
1911	100	33	18	11	1	1	6	2	26	16	2	1	6	1	40	8	22	3	11	14
1912	42	31	8	7	2	1	1	1	11	8	1	1	2	2	18	1	12	4	1	11
1913	37	13	4	3	1	1	1	1	7	2	1	1	1	1	11	1	4	1	1	1

Deaths from Sunstroke, Former New York City, by Months.

Year	April	May	June	July	Aug.	Sept.	Oct.	Total
1871	1	4	5	7	4	1	1	23
1872	2	13	230	61	6	1	1	320
1873	2	6	24	2	1	1	1	34
1874	1	4	12	1	1	1	1	19
1875	1	9	7	1	1	1	1	19
1876	1	8	120	41	1	1	1	206
1877	1	1	6	10	1	1	1	21
1878	1	3	43	2	1	1	1	52
1879	1	7	16	10	1	1	1	41
1880	1	23	35	30	19	9	1	116
1881	1	6	1	18	49	55	4	134
1882	1	14	79	11	1	1	1	103
1883	1	1	14	61	8	1	1	81
1884	1	1	9	5	47	73	1	197
1885	1	1	6	127	18	1	1	146
1886	1	1	4	23	13	1	1	42
1887	1	1	4	152	58	1	1	216
1888	1	1	63	11	19	1	1	96
1889	1	1	7	14	16	1	1	34
1890	1	1	2	29	45	1	1	62
1891	1	1	33	1	31	4	1	95
1892	1	1	19	252	36	1	1	320
1893	1	1	19	20	10	1	1	43
1894	1	1	27	78	7	1	1	112
1895	1	1	3	43	4	18	13	82
1896	1	1	4	39	721	1	1	795
1897	1	1	1	28	1	6	1	39
1898	1	1	14	73	46	213	1	388
1899	1	1	89	10	5	1	1	95
1900	1	1	18	106	79	10	1	293
1901	1	1	47	346	24	1	1	399
1902	1	1	4	14	4	1	1	23
1903	1	1	10	1	62	1	1	76
1904	1	1	1	7	13	1	1	22
1905	1	1	1	4	126	1	1	130
1906	1	1	1	1	47	1	1	71
1907	1	1	1	9	22	1	1	34

Deaths from Suicide in Former New York City by Age and Sex.

Year	Total, Both Sexes		5 Years and Under 15 Years		15 Years and Under 25 Years		25 Years and Under 45 Years		45 Years and Under 65 Years		65 Years and Over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1866	40	14	1	1	5	2	21	8	14	4	1	1
1867	51	19	1	1	8	7	32	9	14	1	1	1
1868	70	29	1	1	6	2	33	13	33	6	1	1
1869	75	26	1	1	7	2	34	10	31	4	4	1
1870	79	22	1	1	6	1	30	11	29	8	1	1
1871	83	29	1	1	15	2	40	14	26	9	4	1
1872	111	31	1	1	19	6	58	19	21	17	17	1
1873	82	36	1	1	8	2	34	17	11	10	2	2
1874	140	48	1	1	14	9	72	27	47	19	14	4
1875	125	34	1	1	12	10	60	24	43	6	6	4
1876	114	36	1	1	8	4	37	20	26	11	6	1
1877	142	21	1	1	24	1	61	16	35	16	9	1
1878	116	26	1	1	8	6	51	8	39	7	10	4
1879	100	17	1	1	19	1	33	10	31	7	6	1
1880	120	32	1	1	15	2	55	20	35	7	6	4
1881	111	33	1	1	9	6	28	11	37	12	9	6
1882	161	38	1	1	18	10	73	22	37	22	11	1
1883	152	27	1	1	14	7	47	7	70	13	24	4
1884	180	24	1	1	17	8	64	20	52	16	21	4
1885	107	40	1	1	20	9	74	18	60	7	7	6
1886	172	37	1	1	15	10	84	22	64	17	12	2
1887	183	24	1	1	23	11	94	24	31	14	16	1
1888	202	42	1	1	24	14	87	21	80	8	12	9
1889	200	40	1	1	31	13	81	18	71	11	10	4
1890	190	49	1	1	21	7	79	24	59	9	7	1
1891	239	61	1	1	24	15	116	21	84	12	15	1
1892	282	39	1	1	12	9	100	16	76	8	15	2
1893	256	58	1	1	28	16	140	37	84	7	24	6
1894	268	63	1	1	23	14	126	33	80	10	19	4
1895	286	90	1	1	25	21	128	30	117	18	20	2
1896	295	89	1	1	31	20	130	37	105	17	21	1
1897	322	114	1	1	30	20	148	34	122	14	27	1
1898	337	146	1	1	40	31	164	53	107	25	25	3
1899	312	118	1	1	30	22	150	50	104	31	24	7
1900	382	118	1	1	34	24	160	60	108	18	28	1
1901	347	141	1	1	28	19	159	53	100	31	21	10
1902	354	173	1	1	19	26	172	60	108	36	20	7
1903	484	127	1	1	19	27	192	78	140	23	22	9
1904	417	150	1	1	42	36	205	77	141	30	49	1
1905	311	91	1	1	36	18	161	49	107	22	23	4
1906	336	106	1	1	36	15	135	52	119	35	25	3
1907	346	96	1	1	34	17	153	49	104	34	25	6

Deaths from Suicide, Former New York City, by Months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871	4	5	11	10	9	14	12	9	12	12	8	10	114
1872	18	10	14	11	18	9	21	11	14	14	9	3	144
1873	10	11	5	14	13	9	4	11	14	11	5	10	118
1874	7	8	11	11	15	19	18	10	10	10	17	16	180
1875	10	6	8	12	20	24	19	12	12	9	8	8	152
1876	12	7	13	12	10	18	10	18	8	9	12	9	160
1877	11	8	8	15	18	11	18	11	9	12	10	15	148
1878	14	4	11	12	3	11	14	17	10	11	14	15	148
1879	8	14	4	12	16	14	8	8	7	9	10	9	112
1880	9	8	12	18	14	18	18	9	10	8	17	8	152
1881	5	5	12	12	17	6	16	17	12	10	12	17	168
1882	14	15	20	25	18	19	17	14	12	14	14	10	199
1883	14	8	20	11	14	7	20	20	12	18	11	14	161
1884	9	23	21	22	20	24	24	14	23	18	17	10	220
1885	11	11	10	24	27	22	18	18	19	14	14	18	207
1886	22	18	20	21	21	19	23	14	10	12	17	20	223
1887	10	16	22	18	24	15	20	23	10	20	21	18	235
1888	13	10	21	23	28	22	19	18	12	22	14	21	247
1889	21	17	17	21	22	21	22	13	16	10	20	21	244
1890	28	22	21	21	15	21	18	17	21	14	20	12	230
1891	15	26	20	24	22	27	21	18	22	27	18	20	290
1892	14	17	14	21	27	23	24	20	15	17	19	14	241
1893	24	20	20	22	27	28	20	22	22	27	28	28	312
1894	11	22	24	22	21	27	22	20	26	20	18	18	231
1895	20	20	22	20	15	22	20	24	20	24	22	20	270
1896	27	32	20	20	28	20	21	24	22	25	28	24	284
1897	28	24	25	19	27	20	22	22	28	20	27	27	310
1898	20	22	22	27	22	22	20	27	20	20	20	21	252
1899	24	22	22	21	27	21	22	21	20	22	22	20	252
1900	22	20	21	27	27	20	22	21	22	21	21	27	290
1901	27	24	27	22	22	22	22	22	22	21	20	20	270
1902	27	22	20	22	27	20	20	20	22	20	20	22	272
1903	24	20	20	22	21	19	22	20	22	20	20	22	241
1904	20	22	22	22	22	22	22	22	22	22	22	22	252
1905	20	22	22	22	22	22	22	22	22	22	22	22	252
1906	20	22	22	22	22	22	22	22	22	22	22	22	252
1907	28	22	22	22	22	22	22	22	22	22	22	22	252

Year.	Chloroform.	Ketor.	*Illuminating Gas.	Railroads.	Elevated Railroads.	Horse Cable and Electric Cars.	Street Vehicles.	Electric Current.	Subways.
1893	6	4	170	20	19	92	180	6	..
1894	10	7	212	44	14	98	224	8	..
1895	2	7	218	82	32	104	204	7	21
1896	8	4	139	170	14	140	246	21	19
1897	..	..	236	99	12	160	264	22	10

*Previous to 1880 most of the deaths caused by illuminating gas were supposed to be intentional, and were classed with suicides. Since that year the deaths believed to be accidental have been separated from the others.

Deaths from Small-pox, Cholera, Yellow Fever and Hydrophobia, in Former New York City, from 1804 to 1907, Inclusive.

Year.	*Small-pox.	Cholera.	Yellow Fever.	Hydrophobia.
1804	169	..	..	..
1805	62	..	270	..
1806	48	..	..	..
1807	20	..	..	..
1808	52	..	..	..
1809	66	..	13	..
1810	4	..	..	..
1811	117	..	..	..
1812	21	..	..	..
1813	2	..	..	..
1814	4	..	..	4
1815	64	..	..	..
1816	179	..	..	..
1817	14	..	3	..
1818	19	..	..	..
1819	..	..	21	..
1820	..	..	..	1
1821	..	..	3	..
1822	..	..	166	..
1823	18	..	1	..
1824	294	..	..	..
1825	20	..	..	..
1826	28	..	..	..
1827	149	..	..	..
1828	23	..	..	..
1829	16	..	..	..
1830	176	..	..	4
1831	222	..	..	4
1832	20	6312	..	..
1833	22	..	..	1
1834	223	971	..	..
1835	351	..	..	4
1836	112	..	..	3
1837	120	..	..	3
1838	91	..	..	6
1839	59	4	4	2
1840	222	1	..	..
1841	200	..	..	1
1842	181	..	..	..
1843	110	..	..	..
1844	20	13	..	1
1845	225	6	..	..
1846	147	..	..	..
1847	52	..	..	..
1848	185	4	..	7
1849	272	2071	..	4
1850	221	57	..	4
1851	186	..	..	..
1852	210	274	1	1
1853	65	22	5	1
1854	622	2,000	6	..
1855	107	12	2	4
1856	296	8	12	2
1857	234	11	..	2
1858	211	2	5	..
1859	52	9	4	2
1860	280	18	2	..
1861	216	19	..	5
1862	259	9	..	1
1863	28	9	..	2
1864	292	12	2	1
1865	574	10	..	3
1866	44	6,127	..	2
1867	79	82	3	4
1868	26	9	2	1

Deaths by Chloroform, Ketor, Illuminating Gas, Railroad, Elevated Railroads, Horse, Cable and Electric Cars, Street Vehicles and Electric Current, in Former New York City, from 1870 to 1907, Inclusive. Causes of Death—Accidents.

Year.	Chloroform.	Ketor.	*Illuminating Gas.	Railroads.	Horse Cable and Electric Cars.	Street Vehicles.	Electric Current.	Subways.
1870	..	..	1	20	45	15	..	..
1871	..	..	..	24	..	27	..	..
1872	..	..	1	23	24	33	..	..
1873	..	..	..	11	46	30	..	..
1874	..	..	..	22	22	26	..	..
1875	..	1	..	18	47	30	..	..
1876	..	1	..	22	46	24	..	..
1877	..	..	..	28	52	20	..	..
1878	4	4	3	21	..	22	..	..
1879	4	4	..	22	25	24	..	..
1880	7	7	7	20	9	20	..	..
1881	2	2	11	24	..	20	..	..
1882	..	..	16	20	15	21	..	..
1883	..	..	15	20	19	24	..	..
1884	4	4	18	21	4	21	..	..
1885	7	7	13	26	14	20	..	..
1886	4	4	25	22	10	21	..	..
1887	1	1	18	21	11	21	..	..
1888	..	..	18	20	9	22	..	..
1889	1	1	20	20	4	21	..	..
1890	8	8	10	..	1	10	..	..
1891	1	1	12	12	12	24	..	..
1892	2	1	17	10	8	20	..	..
1893	1	1	28	24	7	24	..	..
1894	4	1	31	27	10	22	..	..
1895	2	1	27	27	2	27	..	..
1896	4	1	22	27	9	20	..	..
1897	1	1	28	20	8	21	..	..
1898	3	1	20	19	12	24	..	..
1899	3	..	25	21	9	21	..	..
1900	3	5	102	22	9	22	..	..
1901	4	2	112	21	7	22	..	..
1902	4	2	124	20	23	22	..	..

Year.	*Small-pox.	Cholera.	†Yellow Fever.	‡Hydrophobia.
1869	293	6	3	5
1870	293	4	3	3
1871	805	6	2	7
1872	929	4	.....	6
1873	447	1	3	.....
1874	484	2	.....	5
1875	1,280	.....	.....	.....
1876	313	.....	1	3
1877	14	2	1	4
1878	2	.....	.....	2
1879	23	.....	2	.....
1880	31	.....	1	.....
1881	431	.....	.....	3
1882	259	.....	.....	2
1883	14	.....	.....	1
1884	.....	.....	3	1
1885	20	.....	1	.....
1886	31	.....	1	.....
1887	99	.....	.....	1
1888	81	.....	3	.....
1889	1	.....	.....	1
1890	2	.....	.....	1
1891	2	.....	.....	.....
1892	81	9	1	.....
1893	102	.....	.....	2
1894	154	.....	.....	3
1895	10	.....	.....	5
1896	1	.....	.....	.....
1897	24	.....	1	2
1898	18	.....	.....	1
1899	12	.....	.....	4
1900	399	.....	.....	5
1901	218	.....	.....	4
1902	3	.....	.....	3
1903	1	.....	.....	2
1904	.....	.....	.....	.....
1905	.....	.....	.....	.....
1906	.....	.....	.....	.....
1907	1	.....	.....	14

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1871	1,258	1,267	1,131	1,470	1,221	1,393	1,321	995	1,317	1,408	1,412	1,370	15,764
1872	1,196	1,332	1,334	1,205	1,272	1,552	1,154	1,155	1,298	1,315	1,319	1,379	16,001
1873	1,251	1,271	1,436	1,228	1,365	1,645	1,031	1,247	1,250	1,316	1,284	1,340	16,144
1874	1,187	1,155	1,234	1,312	1,268	1,655	1,486	1,243	1,753	1,650	1,767	1,698	17,388
1875	1,621	1,636	1,475	1,614	1,587	1,134	1,420	1,461	1,725	2,073	1,036	1,809	20,612
1876	1,943	1,773	1,429	1,722	1,464	2,147	1,455	1,378	1,448	1,989	1,009	1,855	20,311
1877	1,506	1,636	1,341	1,640	1,600	2,121	1,404	1,316	1,647	1,688	1,119	1,867	20,365
1878	1,763	1,880	1,350	1,778	1,527	2,049	1,474	1,411	1,532	1,891	1,094	1,911	20,769
1879	1,000	1,719	1,406	1,714	1,766	2,204	1,428	1,512	1,598	2,283	1,094	2,221	21,749
1880	1,994	1,880	1,645	1,754	1,712	2,244	1,840	1,612	1,833	2,114	2,071	2,228	22,972
1881	2,191	1,876	1,794	1,889	1,783	2,424	1,635	1,743	1,811	2,149	2,311	2,156	23,062
1882	2,487	2,102	1,609	2,367	1,780	2,555	2,190	1,695	2,458	2,117	2,493	2,450	25,093
1883	2,496	2,199	1,928	2,315	1,720	2,976	2,091	1,947	2,190	2,270	2,530	2,528	27,295
1884	1,479	2,407	1,916	2,156	1,940	2,975	2,183	2,042	2,162	2,631	2,523	2,555	27,065
1885	2,686	2,197	2,493	1,930	2,323	3,233	2,380	2,188	2,745	2,540	3,523	2,468	30,228
1886	3,082	2,700	2,581	2,422	2,379	3,913	2,399	2,396	2,745	3,151	3,083	3,110	34,369
1887	3,491	3,006	2,402	3,027	2,494	3,928	2,597	2,791	2,791	3,185	3,214	3,382	36,097

Births by Sex and Race Since 1847, the First Year of Registration, Former New York City (Records Incomplete).

Year.	Total.	Male.	Female.	Unknown.	White.	Colored.	Chinese.
1847	314	169	145	.....	313	1	.....
1848	174	96	78	.....	173	1	.....
1849	.....	.....	.....	.....	.....	.....	.....
1850	.....	.....	.....	.....	.....	.....	.....
1851	5	3	2	.....	5	.....	.....
1852	.....	.....	.....	.....	.....	.....	.....
1853	9,287	4,899	4,379	9	9,174	112	1
1854	17,076	8,816	8,246	14	16,858	218	.....
1855	13,371	6,961	6,399	11	13,210	161	.....
1856	15,603	8,182	7,400	21	15,417	186	.....
1857	17,680	9,063	8,602	15	17,558	122	.....
1858	12,132	6,380	5,739	13	12,069	63	.....
1859	8,123	4,219	3,881	28	8,082	48	.....
1860	5,998	3,152	2,833	13	5,901	37	.....
1861	9,869	5,072	4,748	49	9,798	71	.....
1862	7,633	3,927	3,691	15	7,607	26	.....
1863	6,372	2,287	5,071	14	6,333	39	.....
1864	5,680	2,968	2,705	13	5,661	19	.....
1865	5,437	.....	.....	.....	.....	.....	.....
1866	10,117	5,202	4,905	10	10,045	72	3
1867	12,369	6,397	6,042	8	12,491	164	.....
1868	12,672	6,531	6,116	5	12,694	108	.....
1869	13,947	7,096	6,835	16	13,755	192	.....
1870	14,244	7,350	6,910	54	14,353	169	2
1871	20,821	10,749	10,032	40	20,393	220	.....
1872	22,988	11,282	10,701	21	21,789	299	.....
1873	24,663	12,707	11,917	19	22,465	218	.....
1874	25,747	13,276	12,487	84	25,514	233	.....
1875	23,813	12,052	11,669	90	23,559	254	1
1876	21,744	11,144	10,550	80	21,491	253	.....
1877	23,199	12,074	11,105	.....	23,066	293	.....
1878	25,729	13,154	12,575	.....	25,381	348	.....
1879	25,372	13,269	12,103	2	25,256	337	.....
1880	27,539	14,336	13,179	1	27,174	364	.....
1881	26,130	13,359	12,771	.....	26,761	369	.....
1882	27,321	14,065	13,253	3	26,982	339	.....
1883	28,972	14,892	14,078	.....	28,617	355	.....
1884	30,527	15,495	15,029	3	30,199	328	.....
1885	30,039	15,324	14,703	3	29,678	361	.....
1886	31,319	16,101	15,127	4	30,925	394	.....
1887	32,923	17,015	15,997	1	31,661	362	.....
1888	36,136	18,538	17,598	.....	35,744	392	.....
1889	37,577	19,269	18,258	.....	37,097	480	.....
1890	39,959	20,208	19,052	.....	38,818	440	.....
1891	46,994	23,993	22,911	.....	46,331	573	.....
1892	49,447	25,491	24,156	.....	48,800	547	.....
1893	51,529	26,431	25,078	.....	50,939	590	.....
1894	53,626	28,369	27,207	.....	52,931	705	.....
1895	55,721	29,580	28,151	.....	54,927	794	.....
1896	56,923	29,244	27,979	.....	55,874	719	.....
1897	54,089	27,538	26,551	.....	53,285	804	.....
1898	53,359	27,271	26,088	.....	52,375	784	.....
1899	52,068	26,824	25,245	.....	51,873	795	.....
1900	52,610	27,157	25,459	.....	52,667	949	.....

* Vaccinating Corps organized September 27, 1872, under act of Legislature passed June 15, 1874.
 † The number of deaths from Yellow Fever in the year 1798, as reported to Mayor Varick, was 714.
 ‡ In 1874 there was a death reported as due to Hyzsephobia in addition to the 3 deaths from Hydrophobia.
 Note—These diseases have been selected from the confessedly imperfect records of the years preceding the organization of the Health Department, as being diseases of such bold characteristics and exciting so great public interest as to make it probable that the record of them is complete.

Marriages Reported by Months, Since 1866, Former New York City.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1866	256	223	229	274	461	523	601	154	604	767	683	612	8,792
1867	557	493	317	636	766	727	580	530	645	674	378	441	7,144
1868	569	547	469	615	744	633	524	584	523	633	374	6,920	
1869	687	621	595	831	832	709	656	608	698	620	822	694	8,693
1870	717	580	734	506	792	804	590	538	628	662	1,049	481	7,985
1871	530	648	523	654	830	740	583	651	901	894	808	777	8,646
1872	723	713	513	864	833	767	699	619	779	885	863	728	9,008
1873	778	687	645	776	852	853	649	606	581	825	732	686	8,871
1874	639	622	611	765	806	781	655	538	723	810	737	600	8,397
1875	581	570	489	724	736	677	649	518	620	719	734	548	7,595
1876	610	654	541	566	623	652	471	521	580	735	594	552	7,099
1877	585	526	526	585	693	619	510	504	596	706	692	617	7,129
1878	600	507	637	633	661	682	555	472	670	750	748	706	7,629
1879	673	586	530	664	752	752	615	515	717	976	888	773	8,446
1880	766	720	643	740	752	800	618	589	708	822	857	870	9,002
1881	700	679	858	750	918	950	725	709	827	1,027	1,072	860	10,977
1882	925	946	800	784	1,000	980	522	828	927	1,064	1,000	1,069	11,982
1883	904	781	863	1,001	1,124	1,068	859	809	910	1,162	986	1,036	11,556
1884	1,020	885	766	930	1,114	1,018	966	721	970	1,233	1,136	900	11,823
1885	1,090	915	901	957	992	1,052	816	748	978	1,170	1,106	1,081	11,716
1886	904	865	1,061	909	973	1,058	960	768	1,167	1,164	1,321	1,066	12,216
1887	1,043	978	1,088	1,090	1,133	1,222	1,007	1,000	1,179	1,335	1,434	1,220	13,740
1888	1,246	1,029	1,019	1,134	1,262	1,391	1,047	1,150	1,194	1,492	1,278	1,330	14,533
1889	1,202	1,090	1,133	1,056	1,300	1,332	1,042	1,030	1,240	1,326	1,436	1,222	14,400
1890	1,304	1,154	1,128	1,298	1,157	1,204	1,028	1,009	1,253	1,493	1,313	1,453	14,992

Year.	Total.	Male.	Female.	Unknown.	White.	Colored.	Chinese.
1901.....	54,913	27,494	26,521	..	53,047	966	..
1902.....	57,513	29,314	28,192	..	56,492	1,019	..
1903.....	62,131	31,613	30,518	..	60,976	1,155	..
1904.....	65,229	32,926	31,301	..	64,026	1,203	..
1905.....	66,862	34,176	32,686	..	65,592	1,270	4
1906.....	70,311	36,042	34,268	..	69,011	1,300	14
1907.....	74,260	38,048	36,211	..	72,851	1,390	18

FORMER CITY OF NEW YORK.

BOROUGH OF MANHATTAN AND THE BRONX.

Cases of Contagious and Infectious Diseases Reported from 1874 to 1907, Inclusive.

Year.	Croup.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Tuberculosis.
1874.....	3,054	1,417	3,021	1,461	488	48	..	..
1875.....	4,527	793	1,730	3,397	684	56	..	..
1876.....	5,473	1,625	2,416	883	261	15	..	..
1877.....	4,328	1,719	3,473	48	607	13	..	..
1878.....	5,454	4,172	3,916	5	394	19	..	..
1879.....	1,783	2,313	5,430	63	432	8	..	..
1880.....	8,307	3,891	3,048	64	568	2	..	..
1881.....	5,106	3,076	7,154	1,338	801	603	..	..
1882.....	3,307	4,637	5,961	762	688	207	..	..
1883.....	2,806	3,868	3,845	16	1,283	71	..	..
1884.....	2,253	4,391	3,264	5	1,360	133	..	..
1885.....	2,029	4,095	2,532	95	974	84	..	..
1886.....	3,737	3,928	1,536	110	880	66	..	..
1887.....	5,821	6,062	3,147	343	1,094	2	..	..
1888.....	9,491	7,439	2,188	391	1,168	9	..	..
1889.....	6,680	6,443	8,830	2	2,414	..	..	..
1890.....	4,339	9,144	3,687	5	1,169	4	..	..
1891.....	499	4,874	11,986	2,442	21	1,342	9	..
1892.....	539	4,654	16,780	7,048	378	1,140	241	..
1893.....	813	6,488	7,122	3,264	460	1,008	473	..
1894.....	486	6,153	9,493	4,758	770	794	..	..
1895.....	428	6,928	8,292	3,818	81	983	..	..
1896.....	668	15,094	11,850	4,728	5	1,092	2	..
1897.....	400	10,400	9,118	7,099	73	1,094	..	..
1898.....	380	7,313	11,137	6,680	12	1,323	1	..
1899.....	309	7,000	8,093	4,580	63	1,299	..	..
1900.....	73,964	12,906	4,361	144	1,230	..	..	..
1901.....	5,726	2,062	16,803	1,461	1,043	..	..	..
1902.....	10,413	13,590	7,724	617	2,629	..	9,723	..
1903.....	15,666	21,818	2,144	26	5,462	..	12,293	..
1904.....	16,183	26,489	3,331	45	6,116	..	13,527	..
1905.....	8,345	16,761	4,728	12	2,194	..	13,030	..
1906.....	8,596	21,276	4,694	48	2,614	..	13,864	..
1907.....	6,783	11,440	8,389	11	2,771	..	13,730	..

*Including rooming houses.

CITY AND BOROUGH OF BROOKLYN.

Estimated Population on July 1 in Each Year, from 1790 to 1907, Inclusive.

Year.	Population.	Year.	Population.	Year.	Population.	Year.	Population.
1790.....	1,598	1820.....	7,114	1850.....	27,534	1880.....	568,133
1791.....	1,684	1821.....	7,742	1851.....	30,079	1881.....	586,365
1792.....	1,729	1822.....	8,412	1852.....	32,800	1882.....	605,160
1793.....	1,798	1823.....	9,130	1853.....	36,105	1883.....	624,580
1794.....	1,871	1824.....	9,897	1854.....	39,112	1884.....	644,374
1795.....	1,947	1825.....	10,721	1855.....	42,847	1885.....	664,424
1796.....	2,024	1826.....	11,600	1856.....	47,327	1886.....	695,648
1797.....	2,103	1827.....	12,539	1857.....	52,661	1887.....	732,149
1798.....	2,186	1828.....	13,543	1858.....	58,854	1888.....	776,727
1799.....	2,274	1829.....	14,617	1859.....	65,919	1889.....	828,203
1800.....	2,368	1830.....	15,764	1860.....	73,862	1890.....	888,258
1801.....	2,468	1831.....	17,001	1861.....	82,698	1891.....	933,733

Year.	Population.	Year.	Population.	Year.	Population.	Year.	Population.
1802.....	2,576	1832.....	18,832	1862.....	978,063	1892.....	858,772
1803.....	2,646	1833.....	20,421	1863.....	1,084,614	1893.....	885,201
1804.....	2,727	1834.....	22,181	1864.....	1,200,692	1894.....	915,158
1805.....	2,819	1835.....	24,329	1865.....	1,327,814	1895.....	945,384
1806.....	2,923	1836.....	26,554	1866.....	1,466,600	1896.....	1,032,811
1807.....	3,041	1837.....	28,247	1867.....	1,617,446	1897.....	1,065,432
1808.....	3,172	1838.....	31,121	1868.....	1,781,441	1898.....	1,099,684
1809.....	3,318	1839.....	34,691	1869.....	1,959,588	1899.....	1,133,798
1810.....	3,479	1840.....	38,530	1870.....	2,152,404	1900.....	1,169,510
1811.....	3,654	1841.....	42,783	1871.....	2,361,399	1901.....	1,206,331
1812.....	3,843	1842.....	47,425	1872.....	2,587,038	1902.....	1,244,660
1813.....	4,046	1843.....	52,488	1873.....	2,830,347	1903.....	1,283,073
1814.....	4,264	1844.....	58,022	1874.....	3,091,356	1904.....	1,322,547
1815.....	4,497	1845.....	64,074	1875.....	3,369,288	1905.....	1,362,354
1816.....	4,754	1846.....	70,761	1876.....	3,664,600	1906.....	1,402,509
1817.....	5,035	1847.....	78,101	1877.....	3,977,077	1907.....	1,442,006
1818.....	5,341	1848.....	86,120	1878.....	4,317,789		
1819.....	5,672	1849.....	94,850	1879.....	4,686,200		

a Williamsburg and Bushwick annexed.

b New Lots annexed.

c Flatbush, Gravesend and New Utrecht annexed.

d Flatlands annexed.

Note—The population for interensual years has been calculated by the geometrical method, that for the various annexed towns separately, as described elsewhere.

CITY AND BOROUGH OF BROOKLYN.

Population by Census from 1790 to 1905, Inclusive.

Year.	Population.	Authority.	Date.
1790.....	1,593	United States Census.....	Aug. 1
1800.....	2,378	United States Census.....	Aug. 1
1810.....	4,402	United States Census.....	Aug. 1
1814.....	3,805	New York State Census.....	June 1
1820.....	7,173	United States Census.....	Aug. 1
1825.....	16,791	New York State Census.....	July 1
1830.....	15,394	United States Census.....	June 1
1835.....	24,520	New York State Census.....	July 1
1840.....	30,423	United States Census.....	June 1
1845.....	39,574	New York State Census.....	July 1
1850.....	46,818	United States Census.....	June 1
1855.....	70,520	New York State Census.....	June 1
1860.....	106,561	United States Census.....	June 1
1865.....	146,378	New York State Census.....	June 1
1870.....	206,999	United States Census.....	June 1
1875.....	282,493	New York State Census.....	June 1
1880.....	366,663	United States Census.....	June 1
1890.....	805,343	United States Census.....	June 1
1892.....	957,938	New York State Census.....	Feb. 1
1900.....	1,166,382	United States Census.....	June 1
1905.....	1,358,890	New York State Census.....	June 1

Note—The population given in this table is that of the City of Brooklyn, which was not made continuous with Kings County until 1896.

Population by Census of Various Towns Annexed to Brooklyn, from 1854 to 1896, with Dates of Annexation.

Town.	Ward.	Date of Annexation.	Population.				
			United States Census.	New York State at Census.	Estimated at Time of Annexation.		
Williamsburg.....	13 to 16	1854	1850	24,379	1855	56,476	51,602
Bushwick.....	17 and 18		1850	24,379	1855	56,476	51,602
New Lots.....	26	Aug. 1, 1886	1880	12,035	1892	38,541	43,437
Flatbush.....	29	April 23, 1894	1880	2,634	1892	12,623	34,387
Gravesend.....	31	May 3, 1864	1850	3,574	1892	8,418	34,387
New Utrecht.....	30	July 1, 1894	1880	4,742	1892	9,120	34,387
Flatlands.....	32	Jan. 1, 1896	1880	3,127	1892	4,234	4,749

The interensual population of these towns has been calculated by the geometrical method, using the census populations given above as the basis.

Population of the Borough of Brooklyn by Wards.

Ward.	Date of Formation.	From What Taken.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.			
1	1834	Village and Town of Brooklyn.						1,543	2,148	4,622	6,062	6,441	6,967	6,108	6,476	16,084	18,729	20,040	22,784	20,237				
2	1834							4,674	5,447	5,903	9,337	8,323	9,817	8,790	9,117	8,200	9,254	9,986	10,529	8,565				
3	1834							2,764	3,314	5,936	8,749	8,900	10,084	8,890	9,984	16,800	18,271	18,754	24,140	17,949				
4	1834							3,724	6,827	8,819	11,032	12,282	11,766	11,506	14,087	12,610	12,819	13,354	15,580	12,368				
5	1834					2,378	3,462	3,805	7,175	10,791	15,194													
6	1834							2,739	4,043	10,651	11,516	18,400	20,710	26,407	28,200	34,074	35,137	37,603	48,939	42,485				
7	1834							2,044	4,521	9,958	6,371	12,523	12,096	15,068	22,312	26,488	31,563	35,726	39,400	40,471				
8	1834							487	944	1,360	2,585	5,318	9,790	9,829	9,392	12,727	17,388	21,220	25,258	17,414				
9	1834							666	1,054	1,897	3,261	9,133	17,340	23,443	15,479	13,043	15,944	17,096	21,081	10,870				
10	1850												11,782	21,740	25,258	28,668	34,302	44,866	27,140	34,031	50,318	39,100		
11	1863	5th Ward										12,421	22,213	28,521	18,222	21,243	21,620	22,693	25,007	22,608				
12	1863	6th Ward										6,990	11,083	13,083	18,302	17,325	22,201	27,368	21,734	30,354				
13	1854	Williamsburg												14,044	17,058	17,701	18,711	19,547	21,020	21,628	24,282	24,020		
14	1854													12,414	15,475	13,425	26,649	23,925	25,559	27,246	32,629	31,483		
15	1854										594	21,338	30,780											
16	1854														6,559	10,366	11,449	18,406	21,235	23,684	27,630	30,319	30,269	
17	1854	Bushwick												15,230	21,181	24,379	26,438	30,206	40,712	45,720	51,152	16,530		
18	1854			656	798	759	930	928	1,620	3,325	1,295	3,857	3,739		5,508	7,934	10,254	17,353	23,008	30,088	41,424	46,315	37,509	
19	1856	7th and 12th Wards												4,601	4,316	6,310	11,607	17,459	23,926	74,969	44,167	25,132		
20	1863	5th Ward													6,697	8,055	16,321	21,908	27,661	36,244	38,181	37,645		
21	1868	7th Ward													13,980	19,179	21,430	24,188	24,136	26,120	25,446			
22	1868	8th Ward														27,004	24,814	31,956	50,118	57,362	18,957			
23	1873	7th Ward														11,761	17,236	25,473	50,250	57,802	66,571			
24	1873	9th Ward														10,003	14,300	20,348	23,297	31,213				
25	1873	9th Ward														8,790	8,823	16,771	17,888	17,767				
26	1873	9th Ward														13,081	19,053	44,658	50,082	48,208				
27	1886	New Lots														2,261	3,271	5,000	9,800	13,017	23,075	29,505	48,541	66,086
28	1892	18th Ward																						
29	1894	Flatbush	946	1,150	1,062	1,287	1,040	1,743	1,537	2,090	4,225	3,772	4,280	3,471	3,298	6,304	6,040	7,654	12,338	14,515	47,188			
30	1894	New Utrecht	778	807	970	1,000	982	1,217	1,287	1,283	1,861	2,129	2,730	2,781	3,394	3,206	3,843	4,742	8,854	9,120	24,700			
31	1894	Gravesend	480	520	552	534	408	565	595	700	808	1,054	1,266	1,266	1,647	1,131	2,180	2,674	6,037	8,418	14,009			
32	1896	Flatlands	493	517	507	512	491	596	684	810	936	1,135	1,578	1,624	1,904	2,286	2,621	3,177	4,075	4,234	8,243			
Total			8,240	8,203	7,655	11,187	14,679	20,335	32,057	47,011	78,601	738,892	216,355	279,122	311,000	410,000	509,154	590,495	818,947	906,071	1,766,254			

Note—Flatbush, New Utrecht, Gravesend and Flatlands were formed in 1871; New Lots was formed from Flatbush in 1852.

* Includes of institutions, Kings County at large, not included in ward figures.

a Present Third Ward formed from Tenth in 1878; old Third Ward is now part of First.

b Present Eighth, Ninth and Tenth Wards formed in 1868; the Ninth took in part of the Twenty-second in 1891.

CITY AND BOROUGH OF BROOKLYN.

Deaths, Births, Marriages and Still-Births Reported from 1866 to 1907, Inclusive.

Year.	Deaths.	Births.	Marriages.	Still-births.
1866	8,681	7,124	7853	...
1867	8,180	5,224	7,677	...
1868	8,750	4,802	2,130	...
1869	8,759	5,249	2,401	...
1870	9,540	4,817	2,107	...
1871	10,209	4,021	2,447	...
1872	10,648	4,216	2,561	...
1873	10,968	5,027	2,520	1,093
1874	11,011	7,668	2,675	1,033
1875	12,470	8,276	2,734	978
1876	12,334	9,723	2,810	986
1877	11,262	10,507	3,047	819
1878	13,075	10,747	3,091	844
1879	11,160	10,462	3,122	885
1880	12,222	11,073	2,811	880
1881	14,533	10,906	3,048	923
1882	15,014	10,801	4,582	1,076
1883	13,258	10,080	4,150	1,011
1884	14,116	11,718	4,310	1,659
1885	15,369	11,528	4,364	1,184

* Marriages and births were first recorded in the last eight months of the year 1866.

CITY OF BROOKLYN.

Annual Number of Deaths from Prominent Causes, for Forty Years.

Year.	Diphtheria.	Croup.	Scarlet Fever.	Measles.	Typhoid Fever.	Small-pox.	Typhus Fever.	Whooping Cough.	Malarial Fever.	Bronchitis.	Pneumonia.	Diarrhea.	Diarrhea Under 5 Years.	Cancer.	Bright's Disease and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Stroke and Heat.	Suicide.	
1868	133	126	487	20	161	8	28	181	98	182	1,068	449	1,699	1,530	112	106	1,054	24	262	26	27
1869	139	126	448	20	96	11	12	183	90	212	1,136	377	1,248	1,130	121	137	1,028	26	220	4	19
1870	110	200	226	62	111	135	7	21	143	184	1,281	520	1,472	1,288	124	...	1,248	88	269	...	25

Year.	*Diphtheria.	Croup.	Scarlet Fever.	Measles.	Typhoid Fever.	Small-pox.	Typhus Fever.	Whooping Cough.	Malarial Fever.	Bronchitis.	Pneumonia.	Diarrheal.	Diarrheal Under 5 Years.	Cancer.	Bright's and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Stroke and Heat.	Suicide.	
1871	152	483	322	57	64	373	8	116	138	231	1,355	612	958	155	...	1,396	168	320	...	28	
1872	184	347	347	59	149	737	12	96	145	239	1,465	778	1,718	147	...	1,943	141	228	...	31	
1873	252	323	314	69	103	110	3	136	153	243	1,376	745	1,564	1,411	168	...	1,388	131	212	...	31
1874	280	318	479	90	81	33	7	140	174	285	1,207	744	1,400	1,272	107	...	1,211	157	303	...	34
1875	965	440	394	6	102	619	9	161	137	260	1,522	892	1,295	1,262	790	...	1,908	157	312	...	39
1876	812	412	352	130	97	309	8	199	137	307	1,530	883	1,540	1,367	198	...	1,993	128	622	...	59
1877	778	325	250	19	84	5	3	118	154	314	1,387	724	1,569	1,234	300	...	1,143	156	290	...	50
1878	344	317	363	47	59	...	...	195	184	305	1,309	820	1,298	1,084	233	...	1,297	140	294	...	53
1879	689	320	344	48	59	2	...	204	145	479	1,665	975	1,364	1,127	431	...	1,238	182	316	...	37
1880	1,118	420	322	156	71	2	...	111	250	493	1,736	972	1,738	1,498	221	...	1,387	153	440	...	31
1881	1,169	438	651	36	69	148	3	118	306	471	1,734	1,022	1,864	1,573	254	...	1,512	162	402	...	55
1882	631	334	892	168	93	65	1	440	389	684	1,808	1,204	2,082	1,717	285	...	1,408	172	338	...	62
1883	409	318	595	69	97	3	...	112	258	533	1,247	1,243	1,799	1,482	262	...	1,477	148	418	...	48
1884	385	280	218	114	107	2	...	222	272	622	1,212	1,218	2,081	1,742	323	...	1,357	208	440	...	56
1885	519	313	163	175	153	3	3	157	247	675	1,065	1,426	2,113	1,807	391	...	1,482	216	477	...	53
1886	782	405	340	106	125	34	3	260	241	264	2,085	1,468	1,651	1,368	292	...	1,540	167	442	...	46
1887	950	503	271	172	143	100	1	30	250	290	2,026	1,418	1,960	1,672	340	...	1,897	154	485	...	61
1888	984	301	475	59	153	90	...	194	199	786	2,051	1,663	2,249	1,928	345	...	2,198	163	517	...	73
1889	1,101	366	273	205	101	...	...	281	182	292	2,055	1,814	1,860	1,666	386	...	2,298	159	488	...	86
1890	902	321	227	182	182	...	...	218	168	1,010	2,169	2,325	2,240	1,668	414	...	2,428	166	370	...	94
1891	766	414	185	202	180	...	...	140	120	1,015	2,127	2,537	2,213	2,121	416	...	2,419	201	492	...	73
1892	775	362	410	168	162	31	...	192	195	987	2,128	2,357	2,369	2,277	418	...	2,619	240	582	...	79
1893	607	271	7	111	179	210	...	261	140	960	2,172	2,560	2,512	2,232	421	...	2,640	173	601	...	120
1894	1,279	351	185	292	159	162	...	222	127	832	2,260	2,181	2,593	2,235	452	...	2,199	229	757	...	163
1895	1,130	315	122	190	175	1	...	263	118	832	2,299	2,522	2,721	2,382	522	...	2,322	188	864	...	161
1896	1,063	247	150	313	192	1	...	179	148	871	2,242	2,553	2,426	2,170	534	...	2,215	217	1,227	...	160
1897	795	293	187	190	173	3	...	164	107	800	2,162	2,212	2,122	1,852	261	...	2,122	194	692	...	167
1898	595	189	189	102	270	...	...	232	90	699	2,292	2,272	2,521	2,429	630	...	1,393	217	990	...	129
1899	583	191	175	197	205	...	...	142	59	261	2,435	2,682	2,437	2,890	701	...	1,622	162	902	...	153
1900	673	190	110	110	101	...	...	215	58	775	2,445	2,216	2,707	2,361	695	...	1,717	183	1,008	...	198
1901	712	...	495	162	272	9	...	179	67	670	2,479	2,891	2,916	2,447	760	...	1,897	291	1,199	...	189
1902	702	...	475	210	222	91	...	188	46	815	2,217	2,901	2,207	1,890	791	...	1,926	1,668	192	...	212
1903	810	...	342	187	257	2	...	118	36	632	2,296	2,910	2,822	2,583	798	...	1,722	218	1,142	...	212
1904	706	...	282	533	203	6	...	62	42	629	2,632	3,070	2,427	2,140	812	...	2,252	2,052	216	...	223
1905	692	...	182	193	297	6	...	118	29	498	2,420	3,090	2,272	2,078	899	...	1,982	2,413	275	...	172
1906	792	...	252	416	210	6	...	112	29	522	2,557	3,557	2,266	2,162	972	...	2,076	1,998	349	...	202
1907	602	...	321	288	271	3	...	122	42	522	2,575	3,702	2,281	2,417	992	...	1,997	1,882	390	...	220

* Including croup since 1901.
 † These figures on diarrhoeal diseases since 1877 have been revised so as to agree with the Bertillon classification of causes of death, with the addition of dysentery.

CITY OF BROOKLYN.

Cases of Contagious and Infectious Diseases Reported from 1873 to 1907, Inclusive.

Year.	Croup.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus.	Tuberculosis.
1873	319	...	930	226	207	10	...	...
1874	1,051	...	2,448	268	212	9	...	...
1875	2,059	...	1,299	2,519	263	12	...	...
1876	2,129	...	1,657	1,131	191	11	...	...
1877	2,280	...	2,030	87	180	5	...	...
1878	2,724	...	1,988	2	168	...	...	...
1879	1,801	219	2,208	6	127	...	...	...
1880	3,018	2,172	1,777	70	122	...	...	...
1881	3,218	906	2,552	200	181	9	...	...
1882	4,399	2,070	2,599	125	148	2	...	...
1883	3,185	1,692	2,167	12	292	...	...	...
1884	378	1,222	1,990	14	192	...	...	...
1885	1,348	3,441	2,298	16	435	...	...	...
1886	1,662	922	1,645	121	242	...	...	...
1887	2,995	2,479	1,777	115	442	...	...	...
1888	2,297	672	2,675	322	392	...	...	...
1889	2,298	4,222	2,668	2	399	...	...	...

Year.	Croup.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus.	Tuberculosis.
1890	...	2,221	1,821	1,657	...	313	...	...
1891	...	1,850	2,892	2,791	...	418	...	...
1892	...	1,829	2,118	2,078	182	243	...	...
1893	...	1,077	2,172	2,061	429	216	...	...
1894	...	3,812	4,688	2,119	459	282	...	...
1895	...	412	4,076	1,428	1,991	11	283	...
1896	...	319	4,912	7,072	2,271	3	213	...
1897	...	285	2,862	4,695	2,022	7	212	...
1898	...	208	3,008	2,922	2,126	...	581	...
1899	...	206	2,682	3,092	2,398	31	422	...
1900	...	2,836	2,111	1,878	12	697	...	...
1901	...	3,922	2,511	2,168	410	642	...	...
1902	...	4,236	5,296	3,299	303	961	...	4,812
1903	...	5,795	4,862	2,921	13	1,092	...	3,426
1904	...	5,026	10,221	4,917	29	1,030	...	4,339
1905	...	4,297	7,053	2,882	22	1,013	...	4,897
1906	...	5,211	13,827	2,760	52	1,215	...	5,322
1907	...	5,398	6,599	5,416	46	1,321	...	5,157

Reporting of measles was begun in the latter part of 1879; croup in 1892; typhoid fever not fully reported.
 * Croup included in diphtheria since 1900.

Population of Borough of Queens, by Wards.

Ward.	Date of Formation.	Formerly Known as	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.	New York State Census, 1902.
1	1868	*Long Island City.	...	...	...	...	...	...	...	...	...	...	...	...	...	15,287	17,129	20,506	21,725	48,272	...
2	1868	Newtown	2,312	2,437	2,472	2,478	2,619	3,295	5,952	5,521	7,298	4,694	12,725	12,891	20,272	19,612	9,802	17,519	20,776	40,992	...	
3	1868	Flushing	1,818	2,220	2,271	2,325	2,820	3,642	4,192	3,918	5,376	7,870	10,189	10,812	14,650	15,257	15,006	19,802	20,816	23,870	...	
4	1868	Jamaica	1,661	2,119	2,280	2,481	2,376	2,885	3,781	3,881	4,247	2,632	6,515	6,777	7,743	8,983	10,082	14,421	12,622	20,761	...	
5	1868	§Hempstead	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,193	...
Total			5,791	6,777	6,622	7,294	7,806	10,032	12,930	11,322	16,221	18,296	20,499	21,481	22,669	26,521	22,297	22,299	23,991	52,999	198,221	

* Formed in 1870 from Newtown. The other towns were formed in 1788.
 † In this year the aggregate of the county alone was taken.
 ‡ Only part of Hempstead was consolidated with the other towns forming Greater New York, and the population previous to consolidation cannot be given.

Population of Borough of Richmond, by Wards.

Ward.	Date of Formation.	Formerly Known as	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.	New York State Census, 1905.
1.....	1808	Castleton	1,056	1,201	1,348	1,527	1,786	2,216	2,868	4,275	5,202	5,380	8,252	6,678	7,081	9,304	10,952	12,679	16,443	17,461	21,441	21,250
2.....	1808	*Middletown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0,243	0,866	7,180	8,332	9,029	10,537	11,477	13,200	14,010
3.....	1808	Northfield	1,277	1,695	1,710	1,920	1,984	2,102	2,297	2,743	3,343	4,020	4,187	4,841	5,201	5,949	6,610	7,014	9,811	9,541	13,701	15,338
4.....	1808	Southfield	1,034	1,007	998	1,012	710	921	845	1,010	1,631	2,790	5,449	3,645	4,477	5,082	4,426	4,080	6,014	6,754	9,510	9,485
5.....	1808	Westfield	1,108	1,144	1,446	1,616	1,445	1,273	1,681	2,326	2,497	2,045	3,501	3,985	4,054	4,095	4,362	5,280	8,258	8,618	9,163	10,200
Total.....			4,583	5,347	5,508	6,135	5,932	7,122	7,691	10,965	13,674	15,061	21,380	25,392	28,209	33,029	35,106	38,991	51,691	53,351	67,021	72,846

* Formed in 1860, from Castleton and Southfield. The other towns were formed in 1788.

Population, in Area Included in Present City of New York, 1800-1905.

Boroughs.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.	New York State Census, 1905.
Manhattan.....	80,486	96,323	95,319	123,706	160,686	197,112	248,089	312,210	371,223	513,247	620,910	813,660	726,386	942,298	1,005,602	1,164,673	1,441,076	1,801,739	1,850,003	2,112,697
The Bronx.....	4,446	12,436	16,343	19,694	28,981	36,194	41,626	74,083				200,507	271,629
Brooklyn.....	3,740	8,302	7,655	11,167	14,679	20,135	32,957	47,013	28,661	138,880	216,315	279,122	311,090	419,921	509,154	599,493	838,147	995,071	1,166,582	1,338,891
Queens.....	3,791	6,777	6,623	*6,914	7,304	7,806	10,638	12,979	13,322	16,831	18,206	16,429	21,481	42,660	59,341	55,917	82,299	92,991	132,999	198,241
Richmond.....	4,503	5,347	5,808	6,135	5,932	7,122	7,691	10,965	13,674	15,061	21,380	25,392	28,209	33,029	35,106	38,991	51,691	53,351	67,021	72,846
Entire City.....	76,583	116,800	115,299	147,942	193,901	232,573	317,870	384,247	426,910	699,757	898,286	1,164,935	1,116,190	1,468,802	1,636,777	1,827,712	2,487,849	2,945,152	3,449,702	4,014,304

Note.—The census population, as given in this table, is somewhat less than the true population of the territory now comprised within the limits of The City of New York, for the reasons given in the foot notes to the tables for Manhattan and The Bronx and Queens.
*Arithmetical mean between previous and following census (see note to Queens table).

Population, Deaths and Death Rates, Former City of New York (Manhattan and The Bronx) and Former City of Brooklyn (Borough of Brooklyn) Combined—Principal Causes, Years 1868 to 1907 (Inclusive).

Year.	Population.	Total Deaths.	Death Rate.	Decennial Rate.	Total Deaths Under 5 Years.	Rate on General Population.	Decennial Rate.	Rate on Population Under 5 Years.	Decennial Rate.
1868.....	1,295,188	31,639	27.99	27.47	.....	.....	.....	.....	.....
1869.....	1,271,622	33,926	26.68	27.17	.....	.....	.....	.....	.....
1870.....	1,346,794	36,721	27.29	25.47	.....	.....	.....	.....	.....
1871.....	1,369,370	37,251	27.19	25.17	.....	.....	.....	.....	.....
1872.....	1,398,248	43,295	30.96	27.17	.....	.....	.....	.....	.....
1873.....	1,429,018	40,054	28.03	25.17	.....	.....	.....	.....	.....
1874.....	1,495,959	36,738	24.57	23.17	.....	.....	.....	.....	.....
1875.....	1,528,184	43,779	28.65	25.17	.....	.....	.....	.....	.....
1876.....	1,575,136	41,896	26.59	27.17	.....	.....	.....	.....	.....
1877.....	1,623,572	37,308	23.14	27.17	19,667	12.11	11.13	105.1	97.8
1878.....	1,671,490	39,083	23.39	25.27	17,794	10.68	11.13	92.9	97.8
1879.....	1,724,823	39,911	23.14	25.27	17,928	10.40	11.13	90.7	97.8
1880.....	1,777,351	45,159	25.41	25.27	20,205	11.37	11.13	102.1	97.8
1881.....	1,830,876	51,157	27.93	25.27	24,602	13.44	11.13	116.8	97.8
1882.....	1,886,017	52,938	28.06	25.27	24,657	13.02	11.13	112.2	97.8
1883.....	1,942,820	47,769	24.59	25.27	19,694	10.14	11.13	88.2	97.8
1884.....	2,001,318	49,159	24.56	25.27	21,844	10.91	11.13	93.6	97.8
1885.....	2,061,618	51,951	25.20	25.27	22,023	10.68	11.13	92.9	97.8
1886.....	2,122,818	53,141	25.03	25.27	23,121	10.84	11.13	94.3	97.8
1887.....	2,211,272	56,011	25.33	25.27	24,243	11.01	11.13	95.2	97.8
1888.....	2,279,068	56,246	24.67	25.27	25,377	11.13	11.13	96.8	97.8
1889.....	2,348,000	58,150	24.76	25.27	26,517	11.30	11.13	98.2	97.8
1890.....	2,429,817	59,039	24.29	25.27	27,767	11.43	11.13	99.0	97.8
1891.....	2,492,787	62,008	24.87	25.27	29,022	11.64	11.13	101.3	97.8
1892.....	2,566,806	62,416	24.32	25.27	29,282	11.41	11.13	102.2	97.8
1893.....	2,642,211	63,503	24.04	25.27	30,548	11.56	11.13	103.6	97.8
1894.....	2,724,311	62,458	22.92	25.27	30,791	11.27	11.13	103.2	97.8
1895.....	2,808,185	62,088	22.11	25.27	29,396	10.50	11.13	92.8	97.8
1896.....	2,918,950	64,123	21.98	25.27	28,814	9.87	11.13	89.2	97.8
1897.....	3,045,985	59,511	19.54	25.27	28,617	9.39	11.13	87.4	97.8
1898.....	3,075,850	60,447	19.62	25.27	28,139	9.15	11.13	86.0	97.8
1899.....	3,148,128	61,260	19.46	25.27	27,463	8.72	11.13	84.0	97.8
1900.....	3,225,324	66,714	20.69	25.27	26,423	8.20	11.13	81.8	97.8
1901.....	3,324,770	66,273	19.93	25.27	25,925	7.80	11.13	80.0	97.8
1902.....	3,427,466	64,048	18.69	25.27	25,000	7.30	11.13	78.4	97.8
1903.....	3,531,623	63,968	18.11	25.27	24,809	7.02	11.13	77.0	97.8
1904.....	3,643,358	73,874	20.27	25.27	24,778	6.78	11.13	76.7	97.8
1905.....	3,756,734	69,154	18.41	25.27	23,681	6.30	11.13	74.5	97.8
1906.....	3,880,001	71,183	18.32	25.27	24,081	6.20	11.13	74.0	97.8
1907.....	3,989,179	74,941	18.78	25.27	24,937	6.25	11.13	74.4	97.8

Year.	Typhoid Fever.	Rate.	Decennial Rate.	Typhus Fever.	Rate.	Decennial Rate.	Malarial Fever.	Rate.	Decennial Rate.
1868.....	432	36	31	152	13	105	230	19	106
1869.....	475	37	31	137	11	104	247	18	106
1870.....	518	40	31	194	16	105	356	27	106
1871.....	348	29	31	73	6	105	417	30	106
1872.....	515	38	31	98	8	105	472	34	106
1873.....	416	30	31	42	3	105	436	29	106
1874.....	558	46	31	41	3	105	389	26	106
1875.....	478	31	31	37	3	105	383	25	106
1876.....	424	27	31	28	2	105	332	21	106
1877.....	423	26	31	46	4	105	404	25	106
1878.....	380	23	31	8	0	104	409	28	106
1879.....	327	19	31	4	0	102	445	26	106
1880.....	442	25	31	1	0	102	392	21	106
1881.....	593	38	31	104	9	102	761	47	106
1882.....	509	32	31	66	5	102	673	39	106
1883.....	717	37	31	13	1	102	626	36	106
1884.....	583	30	31	27	2	101	580	30	106
1885.....	338	27	31	19	1	100	610	36	106
1886.....	316	26	31	17	1	100	567	24	106
1887.....	361	26	31	1	0	100	510	21	106
1888.....	317	23	31	4	0	100	480	21	106
1889.....	328	24	31	.....	.....	.....	410	17	106
1890.....	514	29	31	1	0	100	444	14	106
1891.....	394	23	31	1	0	100	605	19	106
1892.....	761	29	31	23	2	101	565	14	106
1893.....	360	24	31	306	28	101	225	10	106
1894.....	485	17	31	.....	.....	.....	255	9	106
1895.....	493	17	31	.....	.....	.....	228	8	106
1896.....	460	16	31	.....	.....	.....	260	8	106
1897.....	472	16	31	.....	.....	.....	245	7	106
1898.....	626	21	31	1	0	100	476	12	106
1899.....	409	16	31	.....	.....	.....	320	9	106
1900.....	673	21	31	.....	.....	.....	102	6	106
1901.....	684	21	31	.....	.....	.....	190	6	106
1902.....	721	21	31	.....	.....	.....	113	6	106
1903.....	617	18	31	.....	.....	.....	75	6	106
1904.....	612	17	31	.....	.....	.....	80	6	106
1905.....	607	16	31	.....	.....	.....	48	6	106
1906.....	599	15	31	.....	.....	.....	46	6	106
1907.....	691	17	31	.....	.....	.....	51	6	106

Year.	Small-pox.	Rate.	Decennial Rate.	Measles.	Rate.	Decennial Rate.	Scarlet Fever.	Rate.	Decennial Rate.
1868	28	.023	.48	436	.19	.28	1,328	1.13	.91
1869	244	.18	.45	768	.34	.38	1,314	1.03	.91
1870	428	.32	.48	360	.17	.28	1,195	.99	.91
1871	1,178	.86	.48	476	.22	.28	1,233	.96	.91
1872	1,666	1.19	.48	522	.24	.28	1,337	.94	.91
1873	233	.16	.48	375	.18	.28	1,359	.93	.91
1874	537	.40	.48	499	.23	.28	1,358	.91	.91
1875	1,800	1.33	.48	173	.08	.28	818	.64	.91
1876	624	.46	.48	524	.24	.28	1,243	.79	.91
1877	19	.01	.48	153	.07	.28	1,713	1.06	.91
1878	2	.001	.47	339	.15	.27	1,482	.87	.74
1879	27	.016	.47	384	.18	.27	1,821	1.06	.74
1880	31	.02	.47	613	.28	.27	840	.47	.74
1881	303	.22	.47	483	.22	.27	9,615	1.43	.74
1882	324	.24	.47	1,081	.51	.27	2,938	1.97	.74
1883	15	.008	.47	785	.36	.27	1,249	.64	.74
1884	2	.001	.47	876	.41	.27	826	.41	.74
1885	29	.015	.47	311	.14	.27	922	.43	.74
1886	84	.06	.47	774	.35	.27	711	.31	.74
1887	268	.19	.47	639	.29	.27	860	.39	.74
1888	171	.12	.47	640	.29	.27	1,830	.81	.69
1889	1	.0004	.45	675	.31	.27	1,315	.61	.69
1890	2	.0008	.45	379	.18	.27	615	.26	.69
1891	2	.0008	.45	868	.41	.27	1,795	.89	.69
1892	17	.01	.45	1,048	.49	.27	1,829	.74	.69
1893	392	.28	.45	564	.26	.27	218	.11	.69
1894	219	.16	.45	288	.13	.27	220	.11	.69
1895	11	.008	.45	683	.31	.27	893	.41	.69
1896	2	.0007	.45	1,047	.48	.27	722	.34	.69
1897	27	.02	.45	381	.18	.27	637	.28	.69
1898	3	.001	.45	649	.3	.27	682	.31	.69
1899	18	.013	.45	376	.18	.27	507	.24	.69
1900	14	.01	.45	380	.18	.27	425	.2	.69
1901	468	.34	.45	434	.2	.27	1,130	.54	.69
1902	389	.28	.45	704	.32	.27	919	.42	.69
1903	7	.0014	.45	488	.22	.27	798	.36	.69
1904	7	.001	.45	589	.27	.27	816	.37	.69
1905	9	.0021	.45	397	.18	.27	433	.19	.69
1906	5	.001	.45	1,108	.51	.27	379	.18	.69
1907	3	.0002	.45	718	.33	.27	742	.34	.69

Year.	Diphtheria and Croup.	Rate.	Decennial Rate.	Whooping Cough.	Rate.	Decennial Rate.	Cerebro-spinal Meningitis.	Rate.	Decennial Rate.
1903	2,062	.18	.37	393	.18	.12	265	.08	.17
1904	1,978	.17	.37	189	.09	.12	1,100	.37	.17
1905	1,454	.12	.37	177	.08	.12	1,565	.47	.17
1906	1,276	.10	.37	314	.14	.12	764	.23	.17
1907	1,614	.14	.37	355	.16	.12	616	.19	.17

Year.	Pulmonary Tuberculosis.	Rate.	Decennial Rate.	Other Tuberculous Diseases.	Rate.	Decennial Rate.	Brain-itis.	Rate.	Decennial Rate.
1868	4,312	3.74	3.76	.....	.....	.....	985	.82	.89
1869	4,500	3.84	3.76	.....	.....	.....	1,089	.86	.89
1870	5,311	4.56	3.76	.....	.....	.....	1,030	.78	.89
1871	5,541	4.85	3.76	.....	.....	.....	1,195	.87	.89
1872	5,739	4.16	3.76	.....	.....	.....	1,279	.91	.89
1873	5,519	3.86	3.76	.....	.....	.....	1,311	.92	.89
1874	5,301	3.58	3.76	.....	.....	.....	1,339	.90	.89
1875	5,694	3.73	3.76	.....	.....	.....	1,480	.97	.89
1876	5,733	3.64	3.76	.....	.....	.....	1,611	1.00	.89
1877	5,631	3.47	3.76	801	.40	.48	1,347	.91	.89
1878	5,075	3.37	3.58	837	.41	.48	1,549	.93	1.00
1879	6,008	3.48	3.58	850	.40	.48	1,742	1.01	1.00
1880	6,447	3.62	3.58	888	.40	.48	1,870	1.01	1.00
1881	5,066	3.80	3.58	941	.45	.48	1,982	1.08	1.00
1882	7,053	3.74	3.58	956	.45	.48	2,267	1.10	1.00
1883	7,137	3.67	3.58	916	.48	.48	2,648	1.03	1.00
1884	7,148	3.58	3.58	989	.49	.48	2,767	1.05	1.00
1885	7,161	3.47	3.58	914	.45	.48	2,280	1.11	1.00
1886	7,162	3.33	3.58	1,040	.49	.48	2,403	1.16	1.00
1887	7,486	3.30	3.58	948	.42	.48	2,648	1.19	1.00
1888	7,311	3.31	3.58	964	.42	.47	2,678	1.18	.94
1889	7,234	3.18	3.58	1,042	.45	.47	2,206	.94	.94
1890	7,661	3.17	3.58	1,190	.45	.47	2,997	1.24	.94
1891	7,272	3.02	3.58	1,135	.46	.47	2,811	1.14	.94
1892	7,161	2.79	3.58	1,042	.47	.47	2,244	1.07	.94
1893	7,208	2.76	3.58	1,262	.48	.47	2,377	.96	.94
1894	6,916	2.49	3.58	1,439	.57	.47	2,151	.78	.94
1895	7,593	2.62	3.58	1,528	.54	.47	2,408	.86	.94
1896	7,229	2.40	3.58	1,404	.48	.47	2,193	.74	.94
1897	7,802	2.33	3.58	1,371	.46	.47	1,891	.61	.94
1898	7,351	2.39	3.43	1,480	.48	.48	1,616	.59	.44
1899	7,673	2.44	3.24	1,516	.45	.48	1,891	.60	.44
1900	7,723	2.40	3.24	1,458	.45	.48	1,865	.58	.44
1901	7,712	2.32	3.24	1,187	.35	.48	1,891	.48	.44
1902	7,219	2.10	3.24	1,429	.38	.48	1,835	.54	.44
1903	7,639	2.17	3.24	1,211	.35	.48	1,812	.48	.44
1904	8,145	2.44	3.24	1,198	.33	.48	1,674	.46	.44
1905	8,098	2.16	3.24	1,038	.28	.48	1,522	.34	.44
1906	8,457	2.37	3.24	1,350	.31	.48	1,644	.32	.44
1907	8,545	2.13	3.24	1,395	.35	.48	1,628	.34	.44

Year.	Diphtheria and Croup.	Rate.	Decennial Rate.	Whooping Cough.	Rate.	Decennial Rate.	Cerebro-spinal Meningitis.	Rate.	Decennial Rate.
1868	828	.71	1.34	405	.14	.37	.....	.....	.....
1869	1,126	.84	1.34	521	.23	.37	.....	.....	.....
1870	1,610	.79	1.34	374	.18	.37	.....	.....	.....
1871	1,118	.82	1.34	575	.24	.37	.....	.....	.....
1872	1,642	1.12	1.34	603	.27	.37	.....	.....	.....
1873	1,460	1.22	1.34	498	.23	.37	.....	.....	.....
1874	1,327	1.11	1.34	519	.24	.37	.....	.....	.....
1875	1,492	1.04	1.34	598	.27	.37	.....	.....	.....
1876	1,331	1.23	1.34	390	.18	.37	.....	.....	.....
1877	1,326	1.16	1.34	518	.24	.37	130	.08	.14
1878	1,697	1.41	1.50	552	.23	.37	113	.07	.14
1879	1,438	1.24	1.50	741	.33	.37	112	.06	.14
1880	1,838	1.16	1.50	388	.18	.37	129	.10	.14
1881	1,894	1.07	1.50	494	.24	.37	401	.23	.14
1882	1,019	1.21	1.50	607	.28	.37	218	.13	.14
1883	1,280	1.03	1.50	439	.21	.37	223	.11	.14
1884	1,361	1.01	1.50	714	.30	.37	219	.10	.14
1885	1,012	1.10	1.50	652	.29	.37	202	.10	.14
1886	1,286	1.04	1.50	813	.39	.37	223	.10	.14
1887	1,599	1.04	1.50	442	.21	.37	203	.10	.14
1888	1,818	1.08	1.50	757	.34	.35	173	.08	.10
1889	1,728	1.06	1.50	628	.29	.35	145	.07	.10
1890	2,000	1.27	1.50	723	.30	.35	156	.06	.10
1891	1,759	1.16	1.50	492	.20	.35	189	.08	.10
1892	1,661	1.15	1.50	693	.31	.35	141	.07	.10
1893	1,419	1.09	1.50	893	.40	.35	610	.23	.10
1894	1,537	1.03	1.50	313	.14	.35	334	.08	.10
1895	1,510	1.02	1.50	739	.33	.35	309	.10	.10
1896	1,793	1.08	1.50	614	.28	.35	288	.09	.10
1897	2,328	.80	1.50	473	.21	.35	395	.10	.10
1898	1,668	.74	.83	676	.28	.34	348	.11	.10
1899	1,829	.88	.82	492	.20	.33	381	.11	.10
1900	1,139	.66	.83	553	.21	.33	294	.09	.10
1901	1,338	.59	.83	669	.29	.33	258	.08	.10
1902	1,994	.66	.83	523	.21	.33	243	.07	.10

Year.	Pneumonia.	Rate.	Decennial Rate.	Diarrhea Under 5 Years.	Rate on Whole Population.	Decennial Rate.	Rate on Population Under 5 Years.	Decennial Rate.
1868	2,117	1.76	3.02	3,056	4.10	3.48	16.5	39.3
1869	2,077	1.71	3.02	4,014	5.16	3.48	27.4	39.3
1870	2,316	1.70	3.02	3,205	3.89	3.48	11.8	39.3
1871	2,442	1.79	3.02	4,308	5.07	3.48	20.7	39.3
1872	2,928	2.29	3.02	4,465	5.62	3.48	40.2	39.3
1873	3,073	2.43	3.02	5,174	6.22	3.48	29.3	39.3
1874	3,140	2.30	3.02	4,709	5.73	3.48	27.3	39.3
1875	3,694	2.84	3.02	4,837	5.76	3.48	27.3	39.3
1876	3,445	2.18	3.02	4,999	5.98	3.48	27.3	39.3
1877	3,873	2.77	3.02	4,729	5.61	3.48	25.1	39.3
1878	3,117	1.82	3.02	3,860	4.31	3.09	20.1	31.4
1879	3,529	2.05	3.27	4,911	5.87	3.09	25.0	31.4
1880	3,794	2.41	3.27	5,113	6.09	3.09	26.0	31.4
1881	4,283	2.84	3.27	5,734	6.33	3.09	27.2	31.4
1882	4,576	3.48	3.27	5,676	6.01	3.09	26.2	31.4
1883	4,554	3.49						

Year.	Pneumonia.	Rate.	Decennial Rate.	Diarrhea Under 5 Years.	Rate on Whole Population.	Decennial Rate.	Rate on Population Under 5 Years.	Decennial Rate.
1891	8,198	1.19	2.84	5,454	2.51	2.27	21.9	19.7
1893	9,056	1.43	2.84	5,114	2.17	2.27	20.1	19.7
1894	6,906	1.40	2.84	5,094	2.16	2.27	18.8	19.7
1895	8,373	2.04	2.84	6,443	2.44	2.27	19.4	19.7
1896	7,930	2.70	2.84	5,006	2.01	2.27	17.5	19.7
1897	6,853	2.28	2.84	3,812	1.93	2.27	16.8	19.7
1898	7,083	2.37	2.27	5,136	2.06	1.16	15.0	13.5
1899	8,190	2.57	2.71	5,025	1.99	1.56	14.9	13.5
1900	9,063	3.04	2.71	5,701	1.77	1.56	15.4	13.5
1901	8,683	2.61	2.71	5,743	1.73	1.56	15.0	13.5
1902	8,242	2.58	2.71	4,875	1.42	1.56	14.8	13.5
1903	9,218	2.81	2.71	4,244	1.23	1.56	14.7	13.5
1904	11,699	3.21	2.71	5,230	1.52	1.56	13.2	13.5
1905	9,238	2.46	2.71	5,427	1.45	1.56	12.6	13.5
1906	10,232	2.63	2.71	5,488	1.40	1.56	12.2	13.5
1907	11,037	2.77	2.71	6,060	1.52	1.56	13.2	13.5

Year.	Cancer.	Rate.	Decennial Rate.	Bright's and Nephritis.	Rate.	Decennial Rate.	Heart Disease.	Rate.	Decennial Rate.
1900	2,168	.67	.67	4,641	1.44	1.39	2,792	1.18	1.28
1901	2,335	.70	.67	4,848	1.46	1.39	2,626	1.39	1.38
1902	2,327	.68	.67	4,790	1.45	1.39	4,917	1.44	1.38
1903	1,764	.59	.67	5,074	1.44	1.39	4,850	1.37	1.38
1904	2,457	.70	.67	5,299	1.48	1.39	5,191	1.40	1.38
1905	2,733	.73	.67	5,159	1.37	1.39	5,998	1.36	1.38
1906	2,831	.73	.67	5,307	1.37	1.39	5,993	1.44	1.38
1907	3,022	.76	.67	5,246	1.32	1.39	6,297	1.79	1.38

Year.	Cancer.	Rate.	Decennial Rate.	Bright's and Nephritis.	Rate.	Decennial Rate.	Heart Disease.	Rate.	Decennial Rate.
1868	427	.35	.39	640	.53	.62	.....	.....	.....
1869	435	.34	.39	714	.56	.62	.....	.....	.....
1870	489	.36	.39	787	.59	.62	.....	.....	.....
1871	499	.36	.39	947	.69	.62	.....	.....	.....
1872	539	.38	.39	1,165	.81	.62	.....	.....	.....
1873	593	.41	.39	1,087	.76	.62	.....	.....	.....
1874	613	.41	.39	1,086	.71	.62	.....	.....	.....
1875	644	.41	.38	999	.79	.62	.....	.....	.....
1876	663	.41	.38	958	.69	.62	.....	.....	.....
1877	695	.41	.38	1,031	.77	.62	1.33	.52	1.11
1878	863	.44	.31	1,051	.75	.84	1.31	.94	1.11
1879	863	.44	.31	1,245	.78	.84	1,070	.97	1.11
1880	880	.44	.31	1,195	.76	.84	1,040	.92	1.11
1881	960	.42	.31	1,601	.87	.84	1,784	.97	1.11
1882	1,017	.44	.31	1,740	.90	.84	1,963	1.04	1.11
1883	940	.43	.31	1,680	.87	.84	2,318	1.19	1.11
1884	1,054	.43	.31	1,670	.84	.84	2,358	1.18	1.11
1885	1,055	.43	.31	1,802	.89	.84	2,527	1.23	1.11
1886	1,072	.43	.31	1,892	.89	.84	2,607	1.24	1.11
1887	1,181	.43	.31	1,792	.81	.84	2,911	1.33	1.11
1888	1,215	.43	.35	2,014	.98	1.16	2,812	1.24	1.28
1889	1,204	.41	.35	2,599	1.19	1.16	3,093	1.28	1.28
1890	1,368	.47	.35	2,916	1.21	1.16	3,017	1.25	1.28
1891	1,348	.45	.35	3,199	1.25	1.16	3,456	1.39	1.28
1892	1,478	.45	.35	3,030	1.18	1.16	3,107	1.40	1.28
1893	1,438	.44	.35	3,133	1.18	1.16	3,148	1.34	1.28
1894	1,679	.48	.35	3,078	1.11	1.16	3,907	1.19	1.28
1895	1,602	.49	.35	3,496	1.19	1.16	3,602	1.26	1.28
1896	1,675	.47	.35	3,543	1.24	1.16	3,774	1.28	1.28
1897	1,778	.49	.35	3,592	1.17	1.16	3,422	1.17	1.28
1898	1,892	.46	.37	3,929	1.28	1.29	3,837	1.25	1.28
1899	2,022	.44	.37	4,163	1.39	1.29	3,692	1.17	1.28

Year.	Nervous Diseases.	Rate.	Decennial Rate.	Puerperal Diseases.	Rate.	Decennial Rate.	Violence.	Rate.	Decennial Rate.
1868	4,418	3.66	2.88	256	.21	.52	1,335	1.15	1.08
1869	3,928	3.13	2.88	260	.20	.52	1,191	.94	1.08
1870	4,365	3.41	2.88	366	.27	.52	1,482	1.11	1.08
1871	4,252	3.15	2.88	489	.36	.52	1,580	1.18	1.08
1872	3,792	2.65	2.88	617	.44	.52	1,679	1.22	1.08
1873	4,163	2.92	2.88	558	.39	.52	1,505	1.05	1.08
1874	3,663	2.45	2.88	589	.37	.52	1,869	1.03	1.08
1875	3,799	2.47	2.88	527	.34	.52	1,615	.99	1.08
1876	3,682	2.54	2.88	490	.30	.52	1,645	1.21	1.08
1877	3,480	2.14	2.88	454	.28	.52	1,347	.81	1.08
1878	3,655	2.18	2.39	449	.27	.29	1,355	.80	.91
1879	3,683	2.14	2.39	541	.31	.29	1,339	.79	.91
1880	4,059	2.28	2.39	662	.38	.29	1,251	.90	.91
1881	4,652	2.54	2.39	688	.39	.29	1,826	1.00	.91
1882	4,261	2.37	2.39	829	.37	.29	1,919	1.01	.91
1883	4,154	2.14	2.39	662	.29	.29	1,659	.85	.91
1884	4,268	2.14	2.39	647	.27	.29	1,888	.92	.91
1885	4,578	2.22	2.39	670	.30	.29	1,607	.95	.91
1886	4,639	2.17	2.39	638	.29	.29	1,626	.90	.91
1887	5,279	2.38	2.39	109	.23	.29	2,294	1.04	.91
1888	5,727	2.51	2.24	605	.27	.29	2,092	.89	1.12
1889	5,789	2.46	2.21	542	.24	.29	1,984	.86	1.12
1890	5,648	2.31	2.21	547	.23	.29	2,381	.98	1.12
1891	5,771	2.32	2.21	621	.23	.29	2,549	1.04	1.12
1892	6,272	2.44	2.21	657	.26	.29	3,081	1.20	1.12
1893	6,399	2.42	2.21	557	.24	.29	2,662	.98	1.12
1894	5,758	2.08	2.21	529	.20	.29	3,992	1.08	1.12
1895	5,751	2.01	2.21	592	.26	.29	3,446	1.20	1.12
1896	5,573	1.99	2.21	618	.27	.29	3,108	1.04	1.12
1897	5,477	1.82	2.21	597	.26	.29	3,134	1.10	1.12
1898	5,292	1.79	1.99	549	.26	.29	3,764	1.21	1.12
1899	5,171	1.64	1.99	557	.27	.29	3,333	1.08	1.12
1900	4,944	1.58	1.99	488	.21	.29	4,091	1.24	1.12
1901	5,221	1.60	1.99	612	.27	.29	3,228	1.11	1.12
1902	5,667	1.48	1.99	600	.23	.29	3,945	1.22	1.12
1903	4,965	1.41	1.99	692	.27	.29	3,751	1.09	1.12
1904	5,466	1.28	1.99	684	.26	.29	3,877	1.24	1.12
1905	6,904	1.84	1.99	766	.29	.29	3,199	1.09	1.00
1906	5,670	1.44	1.64	797	.26	.29	3,285	1.04	1.19
1907	5,295	1.23	1.64	739	.29	.29	3,497	1.11	1.19

Deaths and Death Rates Under One Year in Former City of New York (Manhattan and The Bronx) Per 1,000 Population Under 1 Year of Age.

	1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.	
	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.
Measles	220	1.87	176	1.29	262	2.48	111	2.73	184	1.63	192	1.66	127	1.52	108	2.01	124	2.28
Scarlet fever	23	.31	66	1.42	68	1.42	47	.90	31	.61	28	.53	20	.38	25	.46	16	.66
Whooping cough	228	1.49	191	1.11	175	1.66	248	5.04	131	2.63	241	4.69	395	4.44	160	3.08	221	4.93
Diphtheria and croup	176	1.76	196	4.22	159	3.32	208	4.22	234	4.62	214	4.28	161	3.01	150	2.80	87	1.60
Erysipelas	84	1.86	82	1.26	88	1.84	59	1.22	68	1.34	67	1.28	57	1.07	62	1.12	44	.77
Septicemia	1	.02	4	.08	7	.14	6	.12	15	.30	22	.42	20	.38	16	.30	11	.21
Tubercular disease (excluding tuberculosis pulmonalis)	269	2.17	353	2.60	385	8.03	377	2.66	272	6.36	341	6.58	281	5.29	295	5.67	278	5.19
Syphilis	86	1.90	68	1.46	97	2.03	70	1.42	92	1.82	73	1.39	92	1.73	119	2.05	55	1.01
Meningitis, simple	343	2.35	378	3.07	397	8.30	456	9.47	401	7.92	385	7.31	318	6.74	314	5.84	363	6.66
Cerebro-spinal meningitis	31	.69	44	.95	49	1.02	90	1.81	16	.31	65	1.24	33	.64	57	1.06	73	1.34
Convulsions	462	10.23	485	10.44	519	10.85	522	11.82	602	12.88	473	9.02	458	8.62	368	6.84	472	8.66
Bronchitis	943	20.93	897	19.30	883	18.51	823	16.92	663	13.13	867	16.52	721	13.58	586	10.90	610	11.19
Pneumonia	987	21.86	1,243	26.73	1,328	27.27	1,318	26.60	1,126	22.82	1,411	23.90	1,422	26.78	1,531	24.80	1,260	23.65
Gastritis	49	1.08	31	.70	26	.60	35	.71	47	.93	31	.61	69	1.30	66	1.23	61	1.12
Diarrhea	3,027	68.14	3,197	72.46	3,358	70.22	3,222	68.66	3,111	61.47	3,249	61.95	3,070	57.86	2,852	54.90	3,042	55.92
Intestinal obstruction	41	.91	27	.58	22	.60	25	.51	35	.69	38	.72	20	.38	30	.56	39	.72
Malformations and preternatural	505	11.80	619	13.27	667	13.74	660	13.41	627	12.38	711	13.68						

	1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.	
	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.
Measles	95	7.72	116	2.04	51	1.04	126	2.08	100	1.62	145	2.26	97	1.46	186	2.70
Scarlet fever	18	.33	28	.49	29	.49	35	.58	19	.30	27	.42	16	.24	15	.22
Whooping cough	172	1.13	147	2.58	74	1.25	246	3.57	95	1.57	59	.92	121	1.82	102	1.52
Diphtheria and croup	114	4.06	203	3.57	141	2.80	174	2.98	129	2.07	134	2.09	123	1.86	118	1.71
Erysipelas	68	1.23	85	1.49	81	1.94	61	1.09	59	.80	94	1.41	106	1.60	89	1.21
Septicemia	20	.36	23	.44	14	.24	31	.51	23	.40	23	.35	43	.63	18	.28
Tubercular diseases (excluding tuberculosis pulmonalis)	455	8.61	341	4.27	216	3.68	193	3.19	419	3.51	257	3.69	136	1.90	160	2.32
Syphilis	20	1.27	97	1.79	68	1.16	99	1.64	71	1.14	85	1.22	94	1.42	152	1.92
Meningitis, simple	210	5.61	150	4.39	248	4.33	220	4.13	216	3.47	449	6.99	257	3.20	198	2.88
Cerebrospinal meningitis	73	1.32	65	1.14	52	.80	48	.79	43	.72	128	2.77	243	3.76	113	1.67
Convulsions	374	6.71	415	7.09	412	7.09	379	6.12	325	5.73	353	5.50	360	5.44	291	2.68
Bronchitis	616	11.87	550	9.82	500	8.60	600	9.92	428	6.37	521	8.20	280	7.25	400	5.81
Pneumonia	1,427	26.00	1,468	28.24	1,414	24.90	1,382	23.25	1,537	24.07	1,649	25.50	1,243	22.30	1,251	20.90
Gastritis	30	.50	31	.52	50	1.01	67	1.11	25	.40	15	.23	20	.30	10	.14
Diarrhoea	2,316	43.20	2,712	47.64	2,426	41.68	2,395	39.12	2,258	36.24	2,762	43.00	2,572	41.37	2,774	40.30
Intestinal obstruction	43	.78	41	.77	50	.85	41	.68	38	.61	33	.51	58	.88	30	.47
Malformations and proteratural	524	10.38	554	11.43	598	10.72	512	8.87	582	10.13	567	9.21	485	7.31	456	6.63
Congenital debility	272	13.97	700	13.33	1,062	19.16	1,864	30.24	1,973	31.70	2,267	35.30	2,246	35.45	2,501	36.35
Marasmus	1,024	22.15	1,409	25.70	1,233	21.33	1,013	16.32	1,011	16.00	598	9.21	567	8.57	591	7.57
All other causes	387	10.26	602	19.57	694	11.83	394	6.82	452	6.92	308	4.79	502	7.58	523	7.60
Total	9,512	185.60	10,008	175.70	6,349	129.30	9,481	156.86	8,922	143.20	10,147	157.70	10,518	155.00	10,493	152.50
General death rate	19.81		21.03		10.45		19.11		18.57		21.02		18.91		18.91	

APPENDIX.

Meteorological Tables.

The following tables have been furnished to this Department by Dr. Daniel C. Draper, Meteorologist, Department of Parks, City of New York. These tables include summaries for the year 1907, and comparisons with the past thirty-nine years.

Summaries of the Prevailing Direction of Wind, Horizontal Movement of Wind (in Miles), Maximum Force of Wind (in Pounds) Per Square Foot for the Year 1907, and Also for the Past Thirty-nine Years, from 1868 to 1908.

Month.	1907.					39 Years.								
	Prevailing Direction.	Total Miles.	Hourly Mean.	Maximum Movement in 24 Hours.	Date.	Maximum Force.	Date.	Prevailing Average Direction, Total Miles.	Hourly Mean.	Maximum Movement in 24 Hours.	Date.	Maximum Force.	Date.	
January	NW	4,860	6.3	214	21st	14 lb.	8:30 p. m., 20th	W	5,042	8.1	566	22d, 1882	44	2:15 p. m., 20th, 1894
February	NW	5,274	7.3	312	1st	12 lb.	3:15 p. m., 14th	NW	5,075	8.8	729	27th, 1886	37 lb.	3:30 p. m., 26th, 1886
March	NW	4,588	6.1	370	6th	17 lb.	11:00 a. m., 20th	NW	4,327	8.7	636	12th, 1888	26 lb.	2:15 p. m., 12th, 1888
April	NW	4,739	6.7	409	24th	24 lb.	7:30 a. m., 24th	WNW	5,624	7.6	345	1st, 1870	33 lb.	2:00 p. m., 11th, 1894
May	NW	3,992	5.3	274	28th	13 lb.	4:30 p. m., 28th	SE	4,682	6.2	579	2d, 1869	29	5:30 p. m., 8th, 1883
June	S	3,703	4.4	149	2d	10	2:49 p. m., 2d	SE	4,943	5.6	281	1st, 1889	26	5:10 p. m., 13th, 1880
July	W	3,590	4.6	274	27th	9 lb.	1:45 p. m., 27th	NW	3,986	5.3	349	1st, 1888	29	3:30 p. m., 3d, 1881
August	NW	2,161	4.5	107	12th	6	10:30 a. m., 28th	NW	3,687	4.9	479	12th, 1871	24 lb.	1:49 p. m., 31st, 1893
September	SW	2,818	5.3	228	25th	14 lb.	5:00 p. m., 21st	SW	4,024	5.5	421	10th, 1889	21	1:00 p. m., 16th, 1903
October	NW	4,729	6.3	391	20th	15 lb.	5:30 p. m., 20th	SW	4,363	6.2	460	24th, 1880	24 lb.	11:40 p. m., 13th, 1893
November	NW	4,860	6.7	358	23rd	13 lb.	9:47 p. m., 2d	W	3,317	7.0	576	24th, 1889	29 lb.	7:30 p. m., 12th, 1883
December	WNW	5,701	8.0	378	31st	14 lb.	5:00 a. m., 31st	W	6,120	8.2	578	10th, 1872	33 lb.	5:20 a. m., 31st, 1893

Annual Summaries.

1907.		39 Years.	
Prevailing direction	NW	Prevailing direction	NW
Total for the year	52,891 miles	Total for the year	60,089 miles
Hourly mean	6.0 miles	Hourly mean	6.9 miles
Maximum movement in 24 hours, October 29.	391 miles	Maximum movement in 24 hours, February 27, 1886.	729 miles
Maximum force at 11 a. m., March 20.	17 lb. pounds	Maximum force at 7:30 p. m., November 12, 1883.	49 lb. pounds

Summaries of the Thermometer Readings (in Shade) for the Year 1907, and Also for the Past Thirty-nine Years, from 1868 to 1908. Fahrenheit Degrees.

Months.	1907.			39 Years.		
	Mean Degrees.	Maximum Degrees.	Minimum Date.	Mean Degrees.	Maximum Degrees.	Minimum Date.
January	34.9	64	2 P. M., 7th	30.5	58	4 P. M., 2d, 1876
February	25.9	47	4 P. M., 2d	30.5	72	4 P. M., 22d, 1874
March	42.5	74	2 P. M., 29th	37.2	74	2 P. M., 29th, 1907
April	46.6	74	4 P. M., 25th	48.7	90	3 P. M., 18th, 1896
May	56.2	82	4 P. M., 14th	60.6	66	4 P. M., 27th, 1880
June	68.5	90	3 P. M., 22d	70.2	98	4 P. M., 20th, 1874
July	72.4	97	3 P. M., 17th	75.2	100	3 P. M., 2d, 1901
August	73.4	99	4 P. M., 17th	73.2	98	5 P. M., 9th, 1896
September	66.9	86	3 P. M., 21st	67.0	101	3 P. M., 7th, 1881
October	58.6	74	4 P. M., 4th	53.3	87	3 P. M., 1st, 1881
November	46.2	61	2 P. M., 10th	43.7	70	3 P. M., 12th, 1879
December	38.7	57	2 P. M., 23d	34.2	67	4 P. M., 14th, 1881

Annual Summaries.

1907.		39 Years.	
Mean temperature	52.4	Mean temperature	52.2
Maximum temperature at 4 P. M., August 12th.	99	Maximum temperature at 3 P. M., September 7th, 1881.	101
Minimum temperature at 6 A. M., January 24th.	4	Minimum temperature at 7 A. M., February 10th, 1899.	-6

Summaries of the Thermometer Readings (Wet Bulb) for the Year 1907, and also for the Past Thirty-nine Years, from 1868 to 1908. Fahrenheit Degrees.

Months.	1907.					39 Years.				
	Mean.		Maximum.		Minimum.	Mean.		Maximum.		Minimum.
	Degrees.	Degrees.	Date.	Degrees.	Date.	Degrees.	Degrees.	Date.	Degrees.	Date.
January	35.0	59	2 P. M., 2th	4	7 A. M., 24th	28.3	61	2 P. M., 23d, 1906	-6	9 A. M., 24th, 1882
February	45.2	44	4 P. M., 3d	6	6 A. M., 19th	28.4	61	4 P. M., 28th, 1903	-6	7 A. M., 10th, 1899
March	40.2	68	1 P. M., 29th	18	6 A. M., 7th	34.5	68	3 P. M., 30th, 1907	3	5 P. M., 5th, 1880
April	45.7	67	4 P. M., 26th	26	6 A. M., 2d	44.3	78	2 P. M., 17th, 1896	15	9 P. M., 4th, 1874
May	54.1	75	5 P. M., 14th	35	6 A. M., 21st	55.1	81	11 A. M., 31st, 1895	30	4 A. M., 3d, 1874
June	62.6	81	4 P. M., 25th	47	9 A. M., 2d	64.2	83	2 P. M., 24th, 1886	45	5 A. M., 14th, 1875
July	69.8	81	2 P. M., 19th	57	6 A. M., 27th	68.9	87	2 P. M., 21st, 1885	49	6 A. M., 24th, 1893
August	67.0	81	5 P. M., 12th	55	5 A. M., 29th	69.0	87	5 P. M., 9th, 1896	45	6 A. M., 21st, 1887
September	63.6	78	5 P. M., 5th	44	6 A. M., 26th	61.5	84	5 P. M., 3d, 1898	36	7 A. M., 30th, 1888
October	49.4	69	4 P. M., 4th	34	7 A. M., 21st	50.3	75	4 P. M., 5th, 1898	27	4 A. M., 31st, 1880
November	48.8	58	2 P. M., 10th	21	12 P. M., 14th	40.1	69	3 P. M., 9th, 1895	5	8 A. M., 30th, 1875
December	37.0	54	2 P. M., 23d	22	8 A. M., 5th	31.6	61	1 P. M., 11th, 1879	-6	8 A. M., 30th, 1880

Annual Summaries

	1907.	Degrees.		39 Years.	Degrees.
Mean temperature	58.9		Mean temperature	58.6	
Maximum temperature at 2 P. M., July 17th	81		Maximum temperature at 2 P. M., June 24th, 1886	88	
Minimum temperature at 7 A. M., January 24th	4		Minimum temperature at 9 A. M., January 24th, 1882	-6	

Summaries of the Rain and Snow-Gauge Readings for the Year 1907, and Also for the Past Thirty-nine Years, from 1868 to 1908. (Water from Melted Snow Included.) Inches.

Months.	1907.					Average for 39 Years.						
	Number of Days on Which Rain or Snow Fell.	Duration.			Depth of Water.	Depth of Snow.	Number of Days on Which Rain or Snow Fell.	Duration.			Depth of Water.	Depth of Snow.
		Days.	Hours.	Minutes.				Days.	Hours.	Minutes.		
January	17	3	12	30	2.80	11.00	11	3	17	26	3.45	8.89
February	7	2	0	45	2.25	21.55	10	3	7	37	3.40	9.71
March	13	3	8	45	3.08	23.25	13	3	22	53	3.80	8.83
April	12	2	18	..	1.28	5.25	9	2	23	7	3.22	1.30
May	12	2	19	..	4.22	..	10	2	15	35	3.09	..
June	9	3	..	..	3.26	..	9	1	31	35	3.22	..
July	3	..	43	25	6.89	..	11	1	23	14	4.55	..
August	8	1	2	30	3.24	..	9	1	21	36	4.49	..
September	13	3	19	..	8.23	..	8	2	4	48	3.75	..
October	8	3	2	20	4.78	..	9	2	16	8	3.88	..
November	9	3	16	15	3.27	..	9	2	20	40	3.29	1.25
December	7	2	8	20	4.00	5.25	10	2	5	58	3.09	5.00

Annual Summaries

	1907.		Average for 39 Years.
Total water fall for the year	45.48 inches.		45.58 inches.
Total snow fall for the year	57.00 inches.		32.25 inches.
Total number of days on which rain or snow fell	126		117
Total duration of rain and snow	39 days, 5 hours, 10 minutes.		34 days, 21 hours, 42 minutes.
Maximum monthly rainfall was September, 1882	16.23 inches.		
Minimum monthly rainfall was May, 1887	.34 inches.		
Maximum daily rainfall was from 4.30 A. M. to 12 P. M., September 23, 1882	8.28 inches.		

Summaries of Relative Humidity (Saturation Being 100), Aqueous Elastic Force of Vapor (in Inch of Mercury) and Ozone (to Being the Maximum) for the Year 1907, and Also for the Past Thirty-nine Years, from 1868 to 1908 (Except Ozone, Which is for the Past Thirty Years).

Months.	1907.			39 Years.		
	Mean Relative Humidity.	Mean Force of Vapor.	Mean Ozone.	Mean Relative Humidity.	Mean Force of Vapor.	Mean Ozone for 39 Years.
January	80	.281	1.32	80	.180	1.57
February	90	.135	2.46	83	.146	2.20
March	81	.213	2.58	78	.219	2.22
April	71	.246	1.06	71	.201	2.94
May	73	.253	1.79	72	.387	1.51
June	69	.311	.50	71	.555	1.27
July	62	.335	.29	69	.660	1.14
August	69	.539	1.28	69	.619	1.21
September	68	.517	.45	69	.526	1.01
October	70	.324	.99	71	.318	.99
November	80	.281	.40	75	.243	1.08
December	81	.283	.56	81	.195	1.14

Annual Summaries

	1907.		39 Years.
Mean relative humidity	75		74
Mean force of vapor	.549		.359
Mean ozone	1.28		1.45

Summaries of the Sun Thermometer Readings, Showing the Number of Hours of Sunshine in Fahrenheit Degrees and Number of Days on Which No Clouds Passed Over the Sun for the Year 1907, and Also for the Past Twenty-five Years, from 1882 to 1908.

Months.	1907.						25 Years.					
	Mean.	Highest.	Date.	Greatest Possible Hours of Sunshine.	Actual Number of Hours of Sunshine.	Number of Days on Which no Clouds Passed Over the Sun.	Average for Nineteen Years.	Highest.	Date.	Actual Number of Hours of Sunshine.	Number of Days on Which no Clouds Passed Over the Sun.	
January	48.8	89	11 A. M., 9th	382	99	5	53.5	112	12 M., 14th, 1890	131	5	
February	54.6	97	11 A. M., 25th	386	170	7	54.6	120	11 A. M., 5th, 1890	148	6	
March	66.5	122	1 P. M., 23d	355	319	5	62.0	122	1 P. M., 23d, 1907	189	6	
April	86.8	112	2 P. M., 25th	381	307	6	70.7	138	2 P. M., 22d, 1896	222	8	
May	84.5	103	1 P. M., 14th	439	248	9	80.7	120	1 P. M., 26th, 1885	261	7	
June	85.9	129	12 M., 22d	442	308	10	87.3	122	1 P. M., 21st, 1884	284	5	
July	99.4	134	1 P. M., 19th	439	343	10	97.4	149	2 P. M., 26th, 1885	206	5	
August	93.4	126	2 P. M., 18th	474	315	6	96.1	147	12 M., 22d, 1892	266	5	
September	83.4	124	12 M., 13th	361	181	4	82.5	146	12 M., 21st, 1895	222	6	
October	80.5	116	2 P. M., 7th	329	245	16	82.3	141	12 M., 1st, 1884	188	7	
November	64.3	101	12 M., 5th	283	133	2	63.3	126	1 P. M., 2d, 1886	145	5	
December	54.3	90	1 P. M., 29th	279	126	3	58.5	116	1 P. M., 23d, 1891	131	5	

Annual Summaries.

1907.		Degrees.	25 Years.		Degrees.
Mean temperature	72.8		Mean temperature	74.9	
Maximum temperature at 2 P. M., August 18.	136.0		Maximum temperature at 2 P. M., July 26, 1885.	149.0	
Number of hours in a year	8,784.0		Number of hours in a year	8,724	
Greatest possible hours of sunshine	4,283.0		Greatest possible hours of sunshine	4,283.0	
Actual number of hours of sunshine	4,374.0		Actual number of hours of sunshine	4,305.0	
Number of days on which no clouds passed over the sun	84.0		Number of days on which no clouds passed over the sun	70.0	

Summaries of the Barometer Readings for the Year 1907, and Also for the Past Thirty-nine Years, from 1868 to 1908.

Inches.

Months.	1907.					39 Years.				
	Mean, Inches.	Maximum, Inches.		Minimum, Inches.		Mean, Inches.	Maximum, Inches.		Minimum, Inches.	
January	30.103	30.570	9 A. M., 31st	29.422	12 M., 20th	29.974	30.804	9 A. M., 2d, 1890	28.698	9 A. M., 9th, 1886
February	29.973	30.640	2 A. M., 24th	29.437	5 P. M., 15th	29.943	30.924	9 P. M., 5th, 1876	28.600	9 A. M., 6th, 1896
March	29.968	30.484	11 A. M., 16th	29.280	12 P. M., 19th	29.902	30.814	11 A. M., 5th, 1904	28.288	5 P. M., 19th, 1890
April	29.791	30.300	9 P. M., 27th	28.996	3 P. M., 9th	29.877	30.568	9 A. M., 8th, 1887	28.996	3 P. M., 9th, 1907
May	29.612	30.230	9 A. M., 5th	29.352	5 P. M., 27th	29.890	30.431	9 A. M., 10th, 1879	28.029	2 P. M., 2d, 1869
June	29.867	30.162	12 M., 23d	29.280	3 A. M., 3d	29.887	30.452	12 M., 15th, 1884	26.230	6 A. M., 26th, 1902
July	29.821	30.100	9 A. M., 13th	29.470	3 P. M., 26th	29.887	30.409	9 A. M., 7th, 1892	29.399	2 A. M., 12th, 1879
August	29.772	30.260	9 A. M., 16th	29.600	2 A. M., 25th	29.915	30.400	11 A. M., 9th, 1904	29.114	7 A. M., 24th, 1895
September	29.517	30.344	9 A. M., 13th	29.400	6 P. M., 23d	29.981	30.330	9 A. M., 23d, 1904	29.108	2 A. M., 23d, 1885
October	29.662	30.500	9 A. M., 31st	29.310	2 A. M., 29th	29.957	30.630	9 A. M., 20th, 1879	29.036	10 A. M., 10th, 1894
November	29.943	30.456	8 A. M., 1st	28.956	4 A. M., 7th	29.995	30.722	10 A. M., 19th, 1891	28.620	7 P. M., 13th, 1904
December	29.941	30.350	9 P. M., 21st	29.024	6 P. M., 23d	29.962	30.800	9 A. M., 1st, 1887	28.420	9 P. M., 29th, 1876

Annual Summaries.

1907.		Inches.	39 Years.		Inches.
Mean pressure	29.921		Mean pressure	29.950	
Maximum pressure at 9 P. M., February 24th	30.640		Maximum pressure at 9 P. M., February 5th, 1876	30.924	
Minimum pressure at 4 A. M., November 7th	28.956		Minimum pressure at 8 P. M., December 29th, 1876	28.422	

Table of Maximum, Minimum and Mean Temperature and Rainfall in the Vicinity of The City of New York at Fort Columbus, from 1822 to 1854; Deaf and Dumb Asylum from 1855 to 1868, and New York Observatory, Central Park, from 1869 to Date.

Year.	Temperature—Fabr.					Rainfall in Inches (Including Snow Water).					Depth of Snow (Inches).	
	Maximum.	Month.	Minimum.	Month.	Mean.	Maximum.	Month.	Minimum.	Month.	Total.		
1822	109	July	-1	January	54.2							
1823	91	July	3	February	50.5							
1824	96	July	2	February	52.1							
1825	104	July	-3	December	52.4							
1826	97	July	-1	January	52.5							
1827	96	July	0	January	51.8							
1828	90	July	9	January	54.0							
1829	95	July	7	January	52.5							
1830	98	July	5	January	54.8							
1831	98	August	2	January	51.6							
1832	97	August	1	January	51.5							
1833	94	July	8	March	51.5							
1834	94	July	6	December	51.0							
1835	80	July	-1	January	49.6							
1836	80	September	2	February	47.6	8.46	June	.63	May	27.57		
1837	86	July	10	January	49.1	9.50	May	2.10	September	53.51		
1838	94	July	13	February	52.3	4.06	September	1.83	July	41.00		
1839	86	July	6	January	51.2	7.61	December	.69	January	42.97		
1840	91	June	2	January	51.2	4.59	October	1.00	December	39.80		
1841	92	June	9	January	51.2	5.30	January	.80	February	42.08		
1842	85	July	16	January	53.4	4.30	October	1.07	January	53.98		
1843	93	June	9	February	51.4	15.26	August	.76	June	41.37		
1844	92	June	3	January	52.0	6.00	July	.55	April	36.38		
1845	99	July	6	February	53.2	4.87	January	1.22	April	34.08		
1846	93	July	5	February	52.3	9.79	May	.48	September	28.91		
1847	94	June	12	November	52.3	6.93	August	1.53	April	64.85		
1848	91	June	3	January	52.3	7.28	May	1.16	April	26.80		
1849	94	July	0	January	50.2	5.65	October	.61	January	31.74		
1850	94	July	2	February	50.9	9.20	May	2.53	November	54.53		
1851	93	July	4	December	52.1	6.94	April	.99	June	40.88		

Year.	Temperature—Fahr.				Rainfall in Inches (Including Snow Water).				Depth of Snow (Inches).		
	Maximum.	Month.	Minimum.	Month.	Maximum.	Month.	Minimum.	Month.		Total.	
1832	93	July	—4	January	51.4	8.80	August	2.05	October	43.84	....
1853	98	June	0	January	52.4	5.80	November	1.04	December	52.20	....
1854	93	July	3	December	50.7	8.80	April	.70	March	45.18	....
1855	93	July	—7	February	50.7	7.37	October	1.57	September	51.70	....
1856	95	July	—3	January	50.5	5.73	August	.66	February	41.92	....
1837	90	August	0	January	52.1	0.05	April	2.30	November	53.86	....
1858	91	June	—3	February	51.3	6.42	June	1.47	March	52.87	....
1859	96	July	—1	January	53.1	8.21	March	1.75	October	57.28	....
1860	89	July	—7	February	52.9	7.57	November	1.43	June	47.17	....
1861	92	August	—3	February	53.8	8.09	November	1.73	December	56.52	....
1862	93	August	8	December	53.2	9.03	June	1.91	December	53.98	....
1863	90	June	6	February	54.2	8.60	July	1.05	September	57.03	....
1864	97	June	8	February	55.4	8.90	December	2.04	February	48.01	....
1865	95	July	6	January	55.5	10.42	June	2.23	August	62.86	....
1866	98	July	—13	January	52.1	10.09	February	1.67	July	57.68	....
1867	91	June	4	January	49.8	10.18	June	.78	September	54.61	....
1868	97	July	9	February	49.6	9.60	September	2.01	October	64.02	....
1869	94	August	4	March	51.4	8.87	February	1.39	April	46.47	30.67
1870	94	June	9	February	53.5	5.11	April	1.83	May	42.12	25.49
1871	92	May	—2	December	51.7	7.50	October	2.07	January	51.28	34.22
1872	95	July	3	March	51.0	7.81	July	3.20	February	48.49	40.37
1873	94	July	—1	January	50.9	0.56	August	1.28	June	47.92	40.93
1874	98	June	3	February	51.3	8.77	April	1.70	October	45.83	35.62
1875	91	June	—3	January	49.4	8.97	August	1.33	May	40.90	48.25
1876	98	July	3	December	51.8	8.79	March	.94	January	41.77	30.74
1877	92	July	10	March	52.7	8.14	October	.68	December	40.18	27.37
1878	94	July	7	January	53.5	7.97	August	1.97	April	48.66	13.74
1879	98	July	—4	January	52.3	7.95	August	.43	October	39.03	37.62
1880	96	May	—6	December	53.2	8.53	July	.62	May	36.64	27.62
1881	101	September	—3	February	52.3	5.81	March	.36	August	36.20	23.75
1882	93	July	—6	January	51.9	16.85	September	1.14	August	45.30	20.14
1883	93	July	—1	December	50.4	4.53	October	1.49	March	35.77	52.50
1884	91	August	—3	December	52.4	5.17	December	.21	September	52.25	31.50
1885	99	July	—3	February	51.1	5.07	August	.47	September	38.34	23.25
1886	94	July	—4	February	51.0	5.40	May	.95	August	39.38	31.00
1887	96	July	4	January	50.9	2.76	June	.34	May	43.90	31.87
1888	96	May	0	January	49.3	8.16	September	1.53	July	53.32	37.75
1889	91	May	3	February	52.7	11.89	July	1.70	December	57.16	21.00
1890	98	July	7	March	52.7	6.56	October	.21	November	45.63	20.63
1891	98	August	9	March	53.8	6.12	January	1.48	June	39.55	12.37
1892	97	July	9	January	51.8	7.23	November	.59	October	35.60	34.63
1893	95	June	1	January	50.2	8.72	August	1.23	July	48.26	45.62
1894	96	July	1	February	52.7	8.68	September	.98	June	41.01	35.23
1895	97	September	—4	February	52.6	5.01	January	.46	February	35.23	22.73
1896	98	August	—2	February	52.4	7.47	July	.95	January	41.96	64.00
1897	93	July	6	January	52.4	0.56	July	.72	October	44.55	31.73
1898	100	July	8	February	52.5	6.72	May	1.25	June	47.90	25.25
1899	93	July	—6	February	53.5	6.12	September	1.00	May	38.57	25.37
1900	97	July	5	February	53.7	5.38	February	2.01	December	41.10	13.37
1901	100	July	8	January	52.0	7.64	July	.55	February	48.69	10.62
1902	90	July	8	December	52.8	7.16	October	1.28	November	52.77	27.74
1903	91	July	4	February	52.2	12.31	October	.30	May	58.32	20.50
1904	94	July	—4	January	50.0	7.81	August	1.88	May	47.64	47.99
1905	95	July	4	January	53.2	5.84	September	.72	May	37.44	26.37
1906	94	June	8	February	54.6	5.90	April	1.06	November	40.18	20.25
1907	92	August	4	January	52.4	8.33	September	.89	July	45.48	37.00

2, 1904, granting to such company the right, privilege and franchise to construct, maintain and operate a high speed, electric railroad in the Borough of The Bronx, City of New York, and the several reports of the Chief Engineer and the Division of Franchises, upon such application, begs to submit the following report:

That the Committee held a hearing on November 18, at 11 o'clock a. m., in the Old Council Chamber of the City Hall, Borough of Manhattan, at which time and place Mr. Mace Moulton, President, and Mr. George S. Graham, of counsel for the company, were heard in favor of the proposed change of line and modifications.

At the close of the hearing, the Committee took a vote upon each of the changes proposed, and unanimously decided that the following amendments of the ordinance should be recommended to the Board of Estimate and Apportionment:

First—By permitting a change of line between One Hundred and Seventy-fourth street and the Harlem River.

Second—By permitting the use of the overhead trolley system.

Third—By amending the original ordinance so that the City will be given the right to string three cables, the company to be relieved from furnishing the City with two conduits.

Fourth—By permitting connections with two other railroads at a distance not exceeding 2,500 feet, instead of 1,000 feet.

Fifth—By permitting connections with the existing rapid transit railway at West Farms and the proposed rapid transit railway at Westchester avenue.

Sixth—By extending the time until August 2, 1911, in which to complete the four-track railway from the City line to One Hundred and Seventy-fourth street, and until August 2, 1913, for the construction of the line from One Hundred and Seventy-fourth street to the Harlem River.

We are advised that the proposed resolutions and forms of contract, which were entered upon the Minutes of the Board on October 2, 1908, are in the form which will carry these recommendations into effect, and that a final vote may be taken upon this matter at the meeting to be held Friday, November 20, 1908, at which time we were directed to make our report.

Respectfully,
 H. A. METZ, Comptroller.
 P. F. MCGOWAN, President, Board of Aldermen.
 JOHN F. AHEARN, President, Borough of Manhattan.
 LOUIS F. HAFFEN, President, Borough of The Bronx.

Chief Engineer, Board of Estimate and Apportionment.

Arthur C. Hume appeared on behalf of the Fidelity Development Company, and requested that action be deferred for two weeks as the property of that company was seriously affected by the change.

George S. Graham, of counsel, appeared on behalf of the applicant.

The following was offered:

Resolved, That the Board of Estimate and Apportionment hereby consents to certain changes, alterations and amendments in the route of the New York, Westchester and Boston Railway Company, as granted by an ordinance of the Board of Aldermen, approved by the Mayor August 2, 1904, and the right to cross certain streets, avenues, highways and public places, and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, and that the said Board also consents to certain modifications in the terms and conditions of the said ordinance; such changed, altered or amended route, and such modified terms and conditions being fully set forth and described in the following form of proposed contract for the granting thereof, embodying such terms and conditions as modify or alter said ordinance of the Board of Aldermen, which said ordinance otherwise remains unchanged as to all the other terms and conditions expressed therein, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

This contract made the day of 190 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the New York, Westchester and Boston Railway Company, a domestic railroad corporation (hereinafter called the Westchester Company), party of the second part, witnesseth:

Whereas, The City of New York, by ordinance approved by the Mayor on August 2, 1904, granted to the New York, Westchester and Boston Railway Company the right to cross certain streets and highways, and the privilege to construct and operate a four-track railroad upon certain routes particularly set forth in section 1 of said ordinance, and as shown on certain maps and profiles therein referred to and filed in the office of the County Clerk of the City and County of New York, on the 23d day of June, 1904, or any lawful amendment thereof consented to by the Board of Estimate and Apportionment; and

Whereas, The Board did on July 14, 1905, adopt a resolution which was approved by the Mayor on July 21, 1905, consenting to a change in the route of the Westchester Company; and

Whereas, In and by said ordinance and resolution, as amended, the consent of the City was granted to the Westchester Company for the construction, maintenance and operation of the said railroad across certain enumerated streets, avenues or highways, either above or below the grade thereof, within said City, upon certain conditions therein fully set forth; and

Whereas, On the seventeenth day of June, 1908, the Board of Directors of said Westchester Company, at a meeting of said Board duly held on said date, and by a vote of two-thirds of all the directors of said company, passed a resolution altering and amending the route of the said company, as amended by said consent of 1905, and changing the southern terminal thereof, from a point on the Harlem River, between Third avenue and Lincoln avenue, to a point on the Harlem River near the point where Lincoln avenue intersects the north bank of the Harlem River, and which alterations and amendments and change of terminal are shown upon a certain map, dated June 17, 1908, entitled:

"Survey Map and Profile of the New York, Westchester and Boston Railway Company for New York County, New York, Section one, Section two and Section three."

—and signed by the chief engineer, president, secretary and ten directors; which map was filed in the office of the County Clerk of New York County on June 17, 1908; and

Whereas, The said Westchester Company has applied to the Board, as the local authority of The City of New York, by a verified petition, dated June 18, 1908, for the consent of such local authority for such change, alterations and amendments to the route of said railroad, said for the right to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on said amended route, and for the modification of the said ordinance and resolution in accordance therewith; and

Whereas, The said Westchester Company has applied to the Board, as the local authority of The City of New York, by a second verified petition, dated June 18, 1908, for the consent of such local authority to certain other modifications in the ordinance approved by the Mayor August 2, 1904, as amended by the ordinance approved by the Mayor, July 21, 1905, to wit:

1. By striking out in section 1 the following words: "except the overhead trolley system."
2. By striking out in section 2, paragraph 15, the following words: "except the overhead trolley system."
3. By striking out the whole of section 2, paragraph 16, and substituting therefor the following: "In any conduits laid by the Company, or on any poles erected by the Company for the transmission of power for its own use, provision shall be made to carry three cables for the use of the police, fire and ambulance service of the City without charges therefor."
4. By striking out in section 1, paragraph 3, the words "one thousand (1,000) feet," and substituting therefor the words "two thousand five hundred (2,500) feet."
5. By the addition of a clause permitting the construction and maintenance of connections with:

BOARD OF ESTIMATE AND APPORTIONMENT.

EXTRACT FROM

MINUTES, BOARD OF ESTIMATE AND APPORTIONMENT, CITY OF NEW YORK, NOVEMBER 20, 1908.

FRANCHISE MATTERS.

New York, Westchester and Boston Railway Company.

In the matter of the applications of the New York, Westchester and Boston Railway Company for a change in the line of its route in the Borough of The Bronx and for certain modifications in the ordinance approved by the Mayor August 2, 1904, granting a franchise to said company.

At the meeting of November 13, 1908, the final public hearing was had on the form of contract containing terms and conditions to govern such grant, and, at the conclusion of such hearing, the matter was referred to a Select Committee, with instructions to report back to this Board at the meeting to be held this day.

The Secretary presented the following:

BOARD OF ESTIMATE AND APPORTIONMENT,
 CITY OF NEW YORK,
 November 18, 1908.

To the Board of Estimate and Apportionment:

GENTLEMEN—Your Committee, to which was referred on November 13 the two petitions of the New York, Westchester and Boston Railway Company, the first for a change of line, and the second for various modifications in the ordinance of August

(a) The present subway-elevated system at or near the present station thereof, at West Farms road.

(b) The projected Southern boulevard and Westchester avenue subway route at Westchester avenue, at or near Home street.

6. By striking out in section 5, paragraph 1, the words "the intersection of the Southern boulevard and Westchester avenue," and substituting therefor the words, "One Hundred and Seventy-fourth street."

7. That the time named in said section 5, paragraph 1, for the completion of a four-track railroad upon the main line from the northerly line of the City as far south as One Hundred and Seventy-fourth street be extended to August 2, 1911.

8. By striking out the whole of section 5, paragraph 4, and substituting therefor the following:

"Any portion of the route covered by this grant which shall not be completed and in full operation prior to the second day of August, 1913, shall be deemed to have been abandoned and all rights hereby granted in and to such portions of said railway shall cease and determine, except that south of One Hundred and Seventy-fourth street, if the railway company shall have constructed less than four tracks within said period, it shall only be deemed to have abandoned its right to construct any additional tracks south of One Hundred and Seventy-fourth street. And in the event that the said railway company shall not, prior to the 2d day of August, 1913, construct its main line south of One Hundred and Seventy-fourth street and to the Harlem River, the Board of Estimate and Apportionment, or its successors in office, may fix and finally determine such additional compensation as shall be imposed upon said railway company because of such failure"; and

Whereas, On the eighteenth day of September, 1908, the Board held a public hearing upon the proposed modifications, at which citizens were entitled to appear and be heard, such hearing being held after due publication; and

Whereas, Said public hearing was continued to the twenty-fifth day of September, 1908, and was concluded on said day; and

Whereas, The said Board has made inquiry as to the proposed modifications and amendments of said ordinance and has adopted a resolution that the said modifications and amendments are desirable and in the public interest and that the causes stated by said Westchester Company why the conditions contained in said ordinance in regard to the completion of said road cannot be performed prior to the time therein stipulated are, in its opinion, for causes over which the grantee had no control and is in no wise responsible; and

Whereas, On the day of 190 , the Board, as the local authority of the City of New York, adopted a resolution granting to the Westchester Company the right to make such changes, alterations and amendments to the route of said railroad, and the right to cross certain streets, avenues, highways and public places, and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, and gave its consent to the other modifications in the ordinance approved by the Mayor August 2, 1904, as amended by ordinance approved by the Mayor July 21, 1905, and authorized the Mayor to execute and deliver a contract granting such rights in the name and on behalf of the City, which resolution was approved by the Mayor on the day of 190 ;

Now, therefore, in consideration of the premises and of the mutual covenants herein contained, the parties do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Westchester Company, subject to the conditions and provisions hereinafter set forth, the right to make such changes, alterations and amendments to the route of said railroad, and the right to cross certain streets, avenues, highways and public places, and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, which amended route is shown upon the map heretofore referred to, and is more particularly described as follows:

Main Line.

Beginning at a point on the Harlem River near the point where Lincoln avenue intersects the north bank of the Harlem River in the Borough of The Bronx, and crossing Lincoln avenue between the Harlem River and One Hundred and Thirty-second street; thence running easterly substantially parallel to One Hundred and Thirty-second street between One Hundred and Thirty-second street and the Harlem River; thence crossing One Hundred and Thirty-second street at or near its intersection with Willow avenue; thence crossing One Hundred and Thirty-third street, One Hundred and Thirty-fourth street, One Hundred and Thirty-fifth street, One Hundred and Thirty-sixth street, One Hundred and Thirty-seventh street and One Hundred and Thirty-eighth street, between Willow avenue and the Harlem River and Port Chester Railroad; thence northerly parallel to the Harlem River and Port Chester Railroad and crossing One Hundred and Thirty-ninth street, One Hundred and Fortieth street and One Hundred and Forty-first street, between Southern boulevard and the Harlem River and Port Chester Railroad; thence northerly parallel to the Harlem River and Port Chester Railroad to Westchester avenue, and crossing One Hundred and Forty-ninth street, Leggett street, One Hundred and Fifty-sixth street, Longwood avenue, Lafayette avenue, Tiffany street, Barretto street, Hunts Point road, Faile street, Bryant street, Longfellow street, proposed Ludlow avenue and Whittier street, between Whitlock avenue and the Harlem River and Port Chester Railroad; thence crossing Westchester avenue at or near its intersection with Edgewater road; thence running northerly substantially parallel to the Harlem River and Port Chester Railroad to One Hundred and Seventy-fourth street, and crossing One Hundred and Seventy-second street, between the Bronx River and the Harlem River and Port Chester Railroad; thence crossing One Hundred and Seventy-fourth street and Van Nest avenue, between Devoe avenue and the Harlem River and Port Chester Railroad; thence running northerly substantially parallel to Devoe avenue and crossing One Hundred and Seventy-seventh street, Wyatt street and Walker avenue (West Farms road), between Devoe avenue and Berrian street; thence crossing One Hundred and Seventy-ninth street and Lebanon street, between Devoe avenue and Berrian street; thence crossing One Hundred and Eightieth street and Berrian street, at or near their intersection; thence crossing Adams street, between Morris Park avenue and the easterly line of Bronx Park; thence crossing Berrian street, between Morris Park avenue and Bronx Park; thence to and crossing Unionport road, between Miama street and Birchall avenue; thence crossing Oakley street, between Miama street and Sagamore street; thence crossing White Plains road, at or near the intersection of Sagamore street; thence crossing Brown avenue and Sagamore street, at or near their intersection; thence crossing Hunt avenue and Bear Swamp road at or near their intersection; thence crossing Bronx and Pelham parkway and Williamsbridge road at or near their intersection; thence crossing Saw Mill lane, between Williamsbridge road and Eastchester road; thence crossing Eastchester road near its intersection with Syracuse avenue; thence crossing Birch street at or near its intersection with Syracuse avenue; thence crossing Cedar street, Oak street and Walnut street, between Kingston avenue and Syracuse avenue; thence crossing Chestnut street and Kingston avenue at or near their intersection; thence crossing Ash street, between Kingston avenue and Cornell avenue; thence crossing Boston road at or near its intersection with Schieffelin lane; thence crossing Fifth avenue or Dyre avenue, between Boston road and Kingsbridge road; thence continuing to a point in the northerly line of The City of New York, between Fifth avenue and the road to White Plains (Columbus avenue).

Branch Line.

Beginning at a point on the main line near the junction of Walker avenue (West Farms road) and Devoe avenue; thence running southerly, crossing Wyatt street and Tremont avenue, between Devoe avenue and Berrian street; thence crossing Van Nest avenue and the New York, New Haven and Hartford Railroad, between One Hundred and Seventy-fourth street and Tremont avenue; thence running between Craighill and Chanute avenues and crossing Bronx River avenue, Beacon avenue, Randolph avenue, Westchester avenue, Watson avenue, Ludlow avenue, Story avenue and Lafayette avenue; thence crossing Craighill avenue and Morrison avenue, between Lafayette avenue and Seward avenue; thence crossing Seward avenue, between Morrison avenue and Harrod avenue; thence crossing Harrod avenue, Metcalf avenue and Fieley avenue, between Seward avenue and Randall avenue; thence crossing Randall avenue at or near its intersection with Croes avenue; thence crossing Noble avenue, Russell avenue and Commonwealth avenue, between Randall avenue and Lacombe avenue; thence crossing Lacombe avenue, between Commonwealth avenue and St. Lawrence avenue; thence crossing St. Lawrence avenue, Beach

avenue and Taylor avenue, between Lacombe avenue and Patterson avenue; thence crossing Patterson avenue at or near its intersection with Thieriot avenue; thence crossing Leland avenue, between Patterson avenue and O'Brien avenue; thence crossing O'Brien avenue and Gildersleeve avenue, between Leland avenue and Underhill avenue; thence crossing Underhill avenue and Cornell avenue at or near their intersection; thence crossing Bolton avenue, White Plains road, Newman avenue and Stephens avenue, between Cornell avenue and Bronx River avenue; thence crossing Clasons Point road, between Stephens avenue and Pugsley avenue; thence crossing Cornell avenue and Pugsley avenue at or near their intersection; thence crossing Husson avenue, between Gildersleeve avenue and Cornell avenue; thence northerly, between Husson avenue and Betts avenue and crossing Gildersleeve avenue and O'Brien avenue; thence crossing Compton avenue and Pugsley Creek; thence crossing Barrett avenue, between Trask avenue and Screevin avenue; thence crossing Screevin avenue, between Lacombe avenue and Barrett avenue; thence crossing Lacombe avenue and Olmstead avenue at or near their intersection; thence crossing Torry avenue, Howe avenue, Castle Hill avenue, Turner avenue, Effingham avenue and Havemeyer avenue, between Lacombe avenue and Randall avenue; thence crossing Allaire avenue and Furrington avenue, between Randall avenue and Zerega avenue; thence crossing Zerega avenue near its intersection with Randall avenue; thence easterly, crossing Westchester Creek, Ferris avenue and Baxter Creek; thence crossing Morris lane near its intersection with Fort Schuyler road; thence crossing Fort Schuyler road and Old Ferry road at or near their intersection; thence between Fort Schuyler road and East River to a point near the United States Government Reservation. All of the above mentioned streets crossed by said branch line, except Wyatt avenue, Tremont avenue (East One Hundred and Seventy-seventh street), Westchester avenue, Clasons Point road, Ferris avenue, Morris lane, Old Ferry road and Fort Schuyler road, are proposed streets, as shown on the City layout of streets.

Sec. 2. The grant of this privilege is subject to the following conditions:

First—All the terms, provisions and conditions contained in the said ordinance approved by the Mayor August 2, 1904, and the said resolution of the Board approved by the Mayor July 21, 1905, shall remain unchanged and shall apply to the routes herein authorized with the same force and effect as when they applied to the routes described in said contract, and as though the routes herein authorized had been specifically described in said contract, except as follows:

1. Section 1 of the said ordinance is hereby amended by striking out therefrom the words, "except the overhead trolley system."

2. The description of the route as hereby amended and described above shall be substituted for the description of the route as contained in the ordinance approved by the Mayor August 2, 1904, and as contained in the resolution of the Board approved by the Mayor July 21, 1905.

3. Section 1, paragraph Third-General, of the said ordinance is hereby amended by striking out therefrom the words, "one thousand (1,000) feet" and substituting therefor the words "two thousand five hundred (2,500) feet." The said Westchester Company is hereby permitted to make the following two connections under this section:

Connection with the Present Subway-Elevated Route at West Farms Road.

Beginning at a point on the main line of the New York, Westchester and Boston Railway Company at or near Lebanon street; thence running southerly crossing Devoe avenue and One Hundred and Seventy-ninth street at or near their intersection; thence crossing Bronx street at or near its intersection with Walker avenue; thence crossing Walker avenue, between Bronx street and Boston road; thence crossing West Farms road, between Boston road and Rodman place; thence to a connection with the Interborough Rapid Transit Railroad on Boston road, between Bryant and Tremont avenues.

Connection with the Projected Southern Boulevard and Westchester Avenue Subway Route.

Beginning at a point on the main line of the New York, Westchester and Boston Railway Company, between Westchester avenue and One Hundred and Seventy-fourth street, and running southerly and crossing One Hundred and Seventy-second street and Edgewater road; thence to a connection with the proposed Broadway-Lexington avenue subway at or near the intersection of Westchester avenue and Home street, all as shown on a map entitled:

"Survey Map and Profile of the New York, Westchester and Boston Railway Company, for New York County, New York, Section one, Section two and Section three."

—adopted by the Board of Directors of said company on the 17th day of June, 1908, and signed by Allen Wardwell, president; Mace Moulton, chief engineer, and Ralph Polk Buell, secretary, under the seal of the corporation, which map and profile were filed in the office of the County Clerk of the County of New York on the said 17th day of June, 1908, or any lawful amendment thereof which may be consented to by the Board of Estimate and Apportionment, or its successors in authority.

4. Section 2, clause fifteenth of the said ordinance is hereby amended by striking out therefrom the words "except the overhead trolley system."

5. Section 2, clause sixteenth of the said ordinance shall be stricken out and the following substituted therefor:

"In any conduits laid by the company, or on any poles erected by the company for the transmission of power for its own use, provision shall be made to carry three cables for the use of the police, fire and ambulance service of the City without charge therefor."

6. Section 5, paragraph 1, of the said ordinance is hereby amended to read as follows:

"Said railroad company shall commence actual construction within one year from the date of the signing of this ordinance by the Mayor, and shall complete a four-track railroad upon the main line, from the northerly line of the City as far south as East One Hundred and Seventy-fourth street by the 2d day of August, 1911, otherwise this grant shall cease and determine."

7. Section 5, paragraph 4, of the said ordinance shall be stricken out and the following substituted therefor:

"Any portion of the route covered by this grant which shall not be completed and in full operation prior to the 2d day of August, 1913, shall be deemed to have been abandoned and all rights hereby granted in and to such portions of said railway shall cease and determine, except that south of One Hundred and Seventy-fourth street, if the railway company shall have constructed less than four tracks within said period, it shall only be deemed to have abandoned its right to construct any additional tracks south of One Hundred and Seventy-fourth street. And in the event that the said railway company shall not, prior to the 2d day of August, 1913, construct its main line south of One Hundred and Seventy-fourth street and to the Harlem River, the Board of Estimate and Apportionment, or its successors in office, may fix and finally determine such additional compensation as shall be imposed upon said railway company because of such failure."

Second—The Westchester Company hereby agrees to assume all liability to any person or company by reason of the execution of this contract by the City, and it is a condition of this contract that the City shall assume no liability whatsoever either to persons or companies on account of the same, and the Westchester Company hereby agrees to repay to the City any damage which the City may be compelled to pay by reason of this contract.

Sec. 3. The Westchester Company covenants and agrees to abandon and relinquish and does hereby abandon and relinquish to the City all of its rights and franchises to construct, maintain and operate a railroad in, upon or across the streets on the portions of the route described in the said ordinance approved by the Mayor August 2, 1904, as amended by the ordinance approved by the Mayor July 21, 1905, and which are not covered by the description of the new and amended route as herein described and which are not shown on the map of the amended route dated June 17, 1908, entitled "Survey map and profile of the New York, Westchester and Boston Railway Company for New York County, New York, Section 1, Section 2 and Section 3," which map was filed in the office of the County Clerk of New York County on June 17, 1908.

Sec. 4. The Westchester Company promises, covenants and agrees on its part and behalf to conform to and abide by all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate seal of said City to be hereunto affixed, and the party of the second part,

by its officers, thereto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed the day and year first above written.

THE CITY OF NEW YORK,

By....., Mayor.

[CORPORATE SEAL.]

Attest: City Clerk.

NEW YORK, WESTCHESTER AND BOSTON RAILWAY COMPANY,

[SEAL.] By....., President.

Attest: Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

American Express Company.

An application was received from the American Express Company, requesting the Board to rescind the resolution adopted December 21, 1906, and approved by the Mayor December 26, 1906, granting permission to said company to construct, maintain and operate a single track railway spur, connecting the premises of the petitioner on the east side of Webster avenue, approximately 400 feet south of the Southern boulevard, with the existing tracks of the Union Railway Company in front of said premises, in the Borough of The Bronx, and return the five hundred dollars (\$500) deposited as security for the faithful performance of the terms and conditions of said consent.

Which was referred to the Chief Engineer.

Long Island Railroad Company.

An application was received from the Long Island Railroad Company for permission to construct, maintain and operate a temporary side track or switch, upon and along Range avenue, at Creedmoor, Borough of Queens, connecting the tracks and right of way of the railroad company with the State Hospital grounds, and to be used to facilitate the handling of building material and freight required in the construction of the necessary buildings for the accommodation of insane patients to be removed thereto from the asylum at Flatbush, Borough of Brooklyn.

Which was referred to the Chief Engineer.

Long Island Railroad Company.

In the matter of the approval of the change or relocation of that part of the main line of the railroad of the Long Island Railroad Company lying in the Second Ward of the Borough of Queens, City of New York, between a point about 400 feet west of Ascan avenue and a point about 700 feet east of Lefferts avenue.

The Secretary presented the following:

BOARD OF ESTIMATE AND APPORTIONMENT, DIVISION OF FRANCHISES, ROOM 801, NO. 277 BROADWAY, November 19, 1908.

Mr. NELSON P. LEWIS, Chief Engineer:

Sir—By resolution adopted June 26, 1908, approved by the Mayor June 30, 1908, the Long Island Railroad Company was granted permission to change or relocate that part of its main line lying in the Second Ward of the Borough of Queens, City of New York, between a point about 400 feet west of Ascan avenue and a point about 700 feet east of Lefferts avenue, known as the Maple Grove cut-off.

The resolution provided that the consent and approval of the City should not become effective until the company executed and delivered to the Board an agreement in the form set forth in the resolution.

Subsequently, the counsel for the railroad company objected to certain conditions which had been incorporated in said form of agreement by the Corporation Counsel. A consultation was then had between the counsel for the railroad company and the Corporation Counsel, and a supplemental form of agreement prepared by the Corporation Counsel was presented to the Board at the meeting of October 16, 1908, when it was approved by the Board, and the Long Island Railroad Company required to execute same as an addition and supplement to the agreement required by the original resolution as a condition precedent to the relocation of the railroad.

Both the original and supplemental agreements, which were executed on November 4, 1908, and bond furnished by the American Surety Company of New York, were approved as to form by the Acting Corporation Counsel, and were returned to this office with a communication dated November 17, 1908.

Pursuant to law, certified copies of the approved resolutions were forwarded to the officials interested.

All the provisions of law, and the resolutions of the Board, appear to have been complied with, and I would therefore suggest that the papers in connection therewith be placed on file.

Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Which was ordered filed.

New York and Queens County Railway Company.

A communication, dated November 12, 1908, was received from the Mayor's office, stating the Mayor has designated the "New York Times" and the "New York Tribune" as the daily newspapers in which the notice of final hearing on the form of contract for the grant of a franchise to the New York and Queens County Railway Company, to construct, maintain and operate two extensions to its existing railway, one from Flushing to Whitestone, and one from Inglewood to Bayside, in the Borough of Queens, shall be published previous to the final hearing on December 31, 1908.

Which was ordered filed.

Brooklyn, Queens County and Suburban Railroad Company.

In the matter of the application of the Brooklyn, Queens County and Suburban Railroad Company, for a franchise to construct, maintain and operate a street surface railway as an extension to its existing system, upon and along Metropolitan avenue, from Dry Harbor road to Jamaica avenue, Borough of Queens.

At the meeting of September 18, 1908, a communication was received from the President of the company, stating the form of contract which had been presented to the Board, and which was, by resolution adopted June 26, 1908, entered upon the minutes and a date fixed for final public hearing, was not in accordance with the understanding between the representatives of the company and the Select Committee, and the matter was referred back to such committee.

The Secretary presented the following:

November 13, 1908.

Hon. GEORGE B. McCLELLAN, Mayor, Chairman, Board of Estimate and Apportionment:

Sir—On September 18, 1908, the date fixed for a final hearing on the application of the Brooklyn, Queens County and Suburban Railroad Company for a franchise to construct, maintain and operate a street surface railway as an extension to its existing line upon and along Metropolitan avenue, from Dry Harbor road to Jamaica ave-

nue, in the Borough of Queens, a communication was received from the company stating that the terms and conditions of the proposed form of contract upon which by resolution adopted June 26, 1908, the Board of Estimate and Apportionment granted the franchise to the Company, was not in accordance with the understanding between the President of the Company and the Select Committee having the matter in charge.

The matter was therefore referred back to the Select Committee for such action as it might deem necessary.

After careful examination, your committee recommends the following changes in the form of contract adopted June 26, 1908:

First—Section 1 to be amended by substituting in place of the words "for the purpose of conveying persons only" the words "for public use in the conveyance of persons and property."

Second—Section 2. Third condition to be changed to read as follows: "Third," the company, its successors and assigns shall pay to the City for this privilege the following sums of money:

The sum of one hundred dollars (\$100) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.

During the first five (5) years after the commencement of operation of the extension herein provided for, annually on November 1, three per cent. (3%) of its gross receipts for and during the year ending September 30 next preceding, and after the expiration of such five (5) years make a like annual payment into the Treasury of the City of five per cent. (5%) of its gross receipts. The company shall pay such percentage only upon such portion of its gross receipts as shall bear the same proportion to its whole gross receipts as the length of such extension shall bear to the entire length of its line.

Third—Section 30 to be amended by adding thereto, "in the event of the forfeiture of the franchise for failure to complete the construction of the said extension and operate same on or before December 31, 1909, as herein provided, the said bond shall be returned to the Company."

Your committee believes that with the changes above suggested the form of contract will be fair and just to both the City and to the Company and would recommend that the franchise be granted accordingly.

Respectfully, H. A. METZ, Comptroller. PATRICK F. MCGOWAN, President, Board of Aldermen. FRANCIS K. PENDLETON, Corporation Counsel.

The matter was thereupon referred to the Chief Engineer to prepare a contract in accordance with the recommendations of the Select Committee.

New York Central and Hudson River Railroad Company.

In the matter of the use and occupation of certain upland and lands under water by the New York Central and Hudson River Railroad Company, from Sixtieth to Seventy-first streets at or near the North River, Borough of Manhattan.

At the meeting of December 20, 1907, by resolution duly adopted, the Comptroller was requested to appraise the value of such lands and submit same to the Corporation Counsel, who was requested to make formal demand for such amount as may be justly and fairly due, and should the railroad company fail or neglect to make the payment, the Corporation Counsel was requested to institute proceedings for the recovery of such money and take whatever steps he deemed expedient.

The Secretary presented the following:

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, November 13, 1908.

To the Board of Estimate and Apportionment:

GENTLEMEN—I am in receipt of a communication from the Secretary of the Board, dated November 10, 1908, transmitting a communication from the Eleventh Avenue Track Removal Association, relative to long overdue taxes and compensation from the New York Central and Hudson River Railroad Company, for the use and occupancy of over 300 city lots, situated west of Eleventh avenue, between Sixtieth and Seventy-second streets, Borough of Manhattan.

The Secretary calls my attention to the fact that on December 20, 1907, the Board of Estimate and Apportionment adopted a resolution relative to the use and occupancy by the New York Central and Hudson River Railroad Company, and that I was requested to appraise the value of the use and occupation by the railroad company of such lands and lands under water for the period of six years from January 1, 1902, to January 1, 1908, and immediately upon the determination and approval by him of such valuation, submit the same to the Corporation Counsel, together with any data I may possess upon which such appraisal and valuation was based.

I have been in receipt of many communications from the Eleventh Avenue Track Removal Association, and it is not necessary for me at this time to take up the subject matter of these communications, other than to inform the Board of Estimate and Apportionment that on September 26, 1908, I transmitted a communication to the Corporation Counsel setting forth the appraisal in detail, as required by the original resolution, and fixing the valuation for the years as follows:

Table with 2 columns: Year and Valuation. 1902: \$535,000 00; 1903: 685,000 00; 1904: 780,000 00; 1905: 780,000 00; 1906: 935,000 00; 1907: 920,000 00.

And that I was of the opinion that a fair rental charge would be 5 per cent. per annum on these figures, based on the rate per cent. paid on City bonds and the Sinking Fund authorization.

Respectfully submitted, H. A. METZ, Comptroller.

The Secretary was directed to forward a copy of the report of the Comptroller to the Eleventh Avenue Track Removal Association.

The following matters, not on the calendar for this day, were considered by unanimous consent:

One Hundred and Forty-fifth Street Railway Company.

In the matter of the application of the One Hundred and Forty-fifth Street Railway Company, for a franchise to construct, maintain and operate a double track street surface railway upon and along West One Hundred and Forty-fifth street, from Lenox avenue to Broadway, Borough of Manhattan.

At the meeting of February 15, 1907, a report was received from the Bureau of Franchises, when the matter was referred to a Select Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of The Bronx.

The Secretary presented the following:

November 9, 1908.

To the Board of Estimate and Apportionment:

GENTLEMEN—The undersigned, the Committee to whom was referred on February 15, 1907, the application of the One Hundred and Forty-fifth Street Railway Company for the construction and operation of a double track street surface railway, beg to report as follows:

This application is for the construction and operation of a road in One Hundred and Forty-fifth street, from Lenox avenue to Broadway, in which street at the present time the applicant company is now operating. Its predecessor was the Fort George and Eleventh Avenue Railroad Company, but this company was forced to suspend operation in January, 1907, by the Police Department of this City, the Corporation Counsel having held that its franchise had lapsed.

In order to avoid inconvenience to the traveling public the Company was permitted to operate its road until a permanent franchise could be secured.

A preliminary report upon the application was presented to the Board by the Engineer of the Division of Franchises, with the suggestion that the matter be referred to the Select Committee appointed to consider the various applications for extensions of franchises, etc., in the Borough of The Bronx. This was done and the matter was considered by the Committee then appointed, but it has been impossible to reach any determination, owing to the fact that recently there has been a decided change in the management of the railroad companies in the Borough of The Bronx, and these applications must now all be considered independently.

It is respectfully recommended that a public hearing be held upon said application on December 11, 1908, and that the Chief Engineer of this Board present a report upon said application at that time.

Respectfully,

H. A. METZ, Comptroller,
P. F. MCGOWAN, President, Board of Aldermen,
*JOHN F. AHEARN, President, Borough of Manhattan,
LOUIS F. HAFKEN, President, Borough of The Bronx.

* Not appointed a member of the Committee.

The following was offered:

Resolved, That December 11, 1908, be and it is hereby fixed as the date for a public hearing on the application of the One Hundred and Forty-fifth Street Railway Company for a franchise.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The petition was thereupon referred to the Chief Engineer.

New York and North Shore Traction Company; New York and Queens County Railway Company.

In the matter of the application of the New York and North Shore Traction Company for a franchise to construct, maintain and operate a double track street surface railway upon and along Broadway, Tenth street, and other streets, in the Borough of Queens, upon which a report was received from the Engineer in charge of the Division of Franchises to the Chief Engineer at the meeting of September 18, 1908, when the matter was referred to a Select Committee, consisting of the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan and Queens.

The Secretary presented the following:

New York, November 19, 1908.

To the Board of Estimate and Apportionment:

GENTLEMEN—Your Committee, to which was referred on September 18, 1908, the application of the New York and North Shore Traction Company, for a franchise to construct, maintain and operate a double track street surface railway in the Borough of Queens, as an extension of its existing and proposed lines in Nassau County, and the report of the Engineer in charge of the Division of Franchises, which report contained a proposed form of contract, would respectfully report: that the Committee held a hearing in the office of the Comptroller on Thursday, November 19, 1908, at which various citizens appeared and were heard in favor of the proposed grant, and also the counsel for the company, Mr. MacLennan.

It was pointed out to your Committee that on account of a franchise heretofore approved by it, as applied for by the New York and Queens County Railway Company, for an extension to Whitestone, that this franchise, if granted, would deprive the present applicant of a right to use a certain portion of its proposed route, unless it could make satisfactory terms with the Queens County Railway Company.

As it was not the intention of your Committee to give an exclusive right to any company it therefore desires to amend its prior report upon the application of the New York and Queens County Railway Company for the Whitestone extension, by recommending that the clause for common use of tracks for a distance of six thousand feet, as contained in the proposed form of contract for the New York and North Shore Traction Company, shall be incorporated in the proposed franchise to the New York and Queens County Railway Company.

Your Committee would therefore recommend, first, that the terms and conditions proposed for a franchise to the New York and North Shore Traction Company, and as contained in the report of the Engineer in charge of the Division of Franchises, dated September 14, 1908, be tentatively approved by the Board and the same be forwarded to the Corporation Counsel for his approval as to form; second, that the Board rescind its resolution as passed October 16 and as amended November 6, fixing December 11 for a final public hearing on the application of the New York and Queens County Railway Company, and that the form of contract be referred back to the Chief Engineer for amendment as hereinabove provided.

All of which is respectfully submitted.

Respectfully,

H. A. METZ, Comptroller,
P. F. MCGOWAN, President, Board of Aldermen,
JOHN F. AHEARN, President, Borough of Manhattan,
LAWRENCE GRESSER, President, Borough of Queens.

The following was offered:

Whereas, The New York and North Shore Traction Company did, under date of June 11, 1908, make application to this Board for a grant of the right, privilege and franchise to construct, maintain and operate a street surface railway upon and along Broadway and Tenth street and other streets in the Borough of Queens; and

Whereas, On September 18, 1908, a public hearing was had upon the aforesaid application; and

Whereas, An inquiry has been conducted by the Chief Engineer and a report, dated September 14, 1908, was received by this Board September 18, 1908, proposing certain terms and conditions to govern the franchise, should the same be granted, which was referred to a Select Committee consisting of the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan and Queens; and

Whereas, Said Committee has this day presented a report recommending that the franchise be granted on the terms and conditions contained in the form of contract presented with the report of the Division of Franchises at the meeting of September 18, 1908; now therefore be it

Resolved, That this Board adopt such inquiry as the inquiry of the Board, and tentatively approve the terms and conditions as proposed in the report dated September 14, 1908, from the Division of Franchises; and be it further

Resolved, That the matter be referred to the Corporation Counsel for his approval as to form and to incorporate therein such matter as he may deem advisable to fully protect the interests of the City.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

Resolved, That the resolutions adopted by this Board October 16, 1908, and November 6, 1908, entering upon the minutes of the Board the form of contract

for the grant of a franchise to the New York and Queens County Railway Company, to construct, maintain and operate two extensions to its existing street surface railway in the Borough of Queens, one from the former village of Flushing to Whitestone and one from Inglewood to Bayside, ordering same advertised in two daily newspapers and in the City Record, and fixing December 11, 1908, as the date for final hearing, be and the same are hereby rescinded; and be it further

Resolved, That the aforesaid form of contract be and it is hereby referred back to the Chief Engineer of this Board, with instructions to amend the same in accordance with the report this day received from the Select Committee.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

New York City Interborough Railway Company.

The Secretary presented the following:

BOARD OF ESTIMATE AND APPOINTMENT—THE CITY OF NEW YORK,
DIVISION OF FRANCHISES, ROOM 801, NO. 277 BROADWAY,
November 19, 1908.

Mr. NELSON P. LEWIS, Chief Engineer:

SIR—There are now pending before the Board of Estimate and Apportionment two petitions of the New York City Interborough Railway Company, as follows:

1. A petition dated June 23, 1908, praying to be released from the obligations to make payments for the use of certain bridges as specified in section 2, fourth, of the ordinance of the Board of Aldermen, approved by the Mayor March 31, 1903, and also praying to be released from the other payments mentioned therein, except such annual sums which shall be equal to three per cent. of its gross annual receipts during the first term of five years, and which shall be equal to five per cent. of its gross annual receipts thereafter.

This petition was presented to the Board at the meeting held June 26, 1908, and referred to the Chief Engineer.

2. A petition dated November 12, 1908, praying for an extension of time in which to complete the construction of twenty-four miles of the petitioner's double track railway until December 27, 1909.

This petition was presented to the Board at the meeting held November 13, 1908, and referred to the Chief Engineer.

Pursuant to an opinion of the Corporation Counsel, wherein it was held that where the contract is radically changed by reducing the amounts of the payments imposed and extending the term of the franchise, section 74 applies, and, therefore, the full proceedings provided by said section of the Charter must be complied with.

I believe that I will be in a position to present a report to you by Friday, December 11, 1908, and I would, therefore, suggest that the Board fix such date for a preliminary public hearing, and the Mayor be requested to designate two daily newspapers in which the petitions and notice of public hearing be advertised in accordance with the provisions of law.

A resolution in the usual form is transmitted herewith.

Respectfully,

HARRY P. NICHOLS, Engineer in Charge.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

The petition of the New York City Interborough Railway Company respectfully shows:

1. Your petitioner is a street surface railway corporation, duly organized on or about the 24th day of March, 1902, under the laws of the State of New York.

2. The Board of Aldermen of The City of New York has heretofore, to wit, on the 16th day of March, 1903, granted to the said New York City Interborough Railway Company the franchise right and privilege to construct and operate a double track street surface railway with all connections, turnouts, switches, crossovers and stands necessary for the accommodation and operation of the said railroad by an overhead system of electricity, or any other motive power which may be lawfully employed upon the same, in and upon and along certain streets, avenues, parkways, highways, public places, bridges and viaducts, all situated in the Boroughs of Manhattan and The Bronx, City, County and State of New York, and more particularly specified in the said ordinance of the Board of Aldermen adopted March 16, 1903, and approved by the Mayor, March 31, 1903, a copy of which is hereto annexed, the total mileage authorized by said resolution being about 22.8 miles.

3. The Board of Estimate and Apportionment of The City of New York, by a resolution adopted the 25th day of June, 1907, a copy of which is hereto annexed, granted the franchise or right to use certain streets, roads, avenues, highways or public grounds within or belonging to The City of New York for the construction and operation in and upon the surface thereof of a double or single track street surface railway as alterations or changes of the route granted to it by virtue of the aforesaid ordinance of the Board of Aldermen, approved by the Mayor.

4. Pursuant to the franchise and right granted by virtue of the said ordinance of the Board of Aldermen and resolution of the Board of Estimate and Apportionment, your petitioner promptly commenced and diligently constructed and completed its road upon the following streets: One Hundred and Eighty-first street, from St. Nicholas avenue to Amsterdam avenue, in the Borough of Manhattan, across Washington Bridge to the Borough of The Bronx, on Aqueduct avenue from the east end of Washington Bridge to Kingsbridge road, Kingsbridge road from Aqueduct avenue to Creston avenue, One Hundred and Eighty-ninth street from Third avenue to the Southern boulevard, Southern boulevard from One Hundred and Eighty-ninth street to One Hundred and Eightieth street, One Hundred and Eightieth street from Southern boulevard to Third avenue. This construction is four and eighty-six one-hundredths (4.86) miles in length, and was operated as a system until on or about September 1, 1907, when there was added one and fifteen one-hundredths (1.15) miles in length of operation on Ogden avenue, from Aqueduct avenue to Jerome avenue. These routes continued to be operated on or about February 15, 1908, when there was added thereto additional routes operated on the following streets: Tremont avenue, from Aqueduct avenue to Webster avenue; One Hundred and Eightieth street, from Webster avenue to Third avenue; One Hundred and Eightieth street, from the Southern boulevard to Boston road; Boston road, from One Hundred and Eightieth street to One Hundred and Seventy-eighth street, of one and seventy-three one-hundredths (1.73) miles in length, making a total system as at present operated of seven and seventy-four one-hundredths (7.74) miles in length. The portions of the routes of your petitioner upon which its road is partially or wholly constructed but not operated are: Kingsbridge road, from Aqueduct avenue to Heath avenue; Sedgwick avenue, from Kingsbridge road to Fort Independence street; Fort Independence street to Two Hundred and Thirty-eighth street, Two Hundred and Thirty-eighth street to Broadway; Kingsbridge road, from Valentine avenue to Fordham road; One Hundred and Forty-ninth street, from Gerard avenue to St. Anna avenue; One Hundred and Fifty-sixth street, from Eagle avenue to Westchester avenue; Wilkins place, from Boston road to Intervale avenue; Intervale avenue to Dongan street; Dongan street to Southern boulevard, making a total mileage, partially or wholly constructed, but not operated, of four and twenty-five one-hundredths (4.25) miles.

The routes embraced within the franchise of your petitioner are shown upon a map hereto annexed, upon which the portions of said route which are operated appear in red, and those upon which the road is wholly or partially constructed, but not operated, are shown in blue.

5. The routes of the New York City Interborough Railway Company are almost entirely located in the Borough of The Bronx, and the streets in that Borough upon which the further construction of your petitioner's lines must be effected are in the course of reconstruction, the City being engaged in opening and grading streets and constructing sewers therein; all of which work it was necessary to complete before the lines of the Company could be laid in place and cars operated thereover. Among the public works which have interfered with the construction or operation of the Company's roads are the construction of the Grand Concourse across the Company's lines at Tremont avenue and at Kingsbridge road. This large public work absolutely prevented the operation and connection of the Company's lines between the east and west

sides of the City through these streets, and the franchise during such time of operation was without any earning power whatsoever. This work was completed during the month of February, 1908, which permitted the partial operation of one of the Company's crosstown lines. One of the lines in your petitioner's franchise is a road upon the New Tremont avenue, or East One Hundred and Seventy-seventh street, east of the Bronx River. This street is being opened and the Company is unable to make any construction thereon. The streets and highways in the so-called Hunts Point section in the southeastern part of the Borough of The Bronx are in the course of construction, and it is now impossible for the Company to complete its railroad thereon sufficiently to enable the operation of cars over the same.

The portions of the Company's roads not operated are wholly disconnected from the portions which are in operation, and have been made so by the character of the City construction above referred to. Such disconnected portions have been wholly valueless and worthless to the Company, as they have not produced any income whatsoever, and have not been of any value to the public, as the Company has been unable to operate any cars over the same.

6. In and by said franchise, and more particularly by the fourth paragraph of section two of said ordinance adopted by the Board of Aldermen March 16, 1903, your petitioner is obligated to make certain payments to the City, to wit, as follows: During the first term of five years an annual sum which shall in no case be less than \$15,000, and which shall be equal to 3 per cent. of its gross annual receipts if such percentage shall exceed the sum of \$15,000; during the remaining twenty years of the term an annual sum which shall not be less than \$30,000, and which shall be equal to 5 per cent. of its gross annual receipts, if such percentage shall exceed the sum of \$30,000; and for the use of four bridges described in the said ordinance of the Board of Aldermen constituting the franchise of your petitioner, during the first term of five years the annual sum of \$4,000 for each bridge; during the second term of five years, the annual sum of \$4,500 for each bridge; during the third term of five years the annual sum of \$5,000, for each bridge; during the fourth term of five years the annual sum of \$5,500 for each bridge; and during the last term of five years the annual sum of \$6,000 for each bridge.

That your petitioner has, during the year ending September 30, 1907, or a portion thereof, made use of two of the bridges specified in its franchise, to wit, the Central or Macomb's Dam Bridge and the Washington Bridge.

7. That in said ordinance it was provided that said payments should be made on November 1 in each year after the commencement of the operation of any portion of the railroad, and that The City of New York has claimed that there has become due and payable to it by reason of the said provisions of said franchise the following sums, none of which have been paid:

For the use of the Central Bridge.....	\$333 00
For the use of the Washington Bridge.....	4,000 00
Franchise payments to the City.....	15,000 00
Total.....	\$19,333 33

8. In and by virtue of the construction of its street surface railway or railways, your petitioner has incurred as of June 30, 1908, certain debts, none of which has been paid, as follows:

<i>Outstanding Obligations as of June 30, 1908 (Estimated From June 19 to June 30)</i>	
State taxes on earnings claimed to have accrued to April 30, 1908, inclusive.....	\$842 23
To City of New York, for Taxes—	
City taxes on earnings and for the use of bridges, accrued as claimed to June 30, 1908.....	40,583 33
To the Union Railway Company—	
As Shown By Bills Rendered:	
For housing, cleansing and repairing cars, from May 31 to October 31, 1906.....	\$1,438 14
For rental of tracks, power supplied and maintenance of tracks from May 31, 1906, to December 31, 1907.....	11,031 21
	\$13,369 35
Charges for Which Bills Have Not Been Rendered:	
For rental of tracks, power supplied and maintenance of tracks from January 1, 1908, to June 30, 1908 (estimated).....	2,000 00
For their proportion of the fares collected by this company on cars running over the tracks of the Union Railway Company, from May 31, 1906, to June 30, 1908 (estimated).....	5,875 00
Total due Union Railway Company.....	\$21,244 35
Partly offset by a claim for the storage of the Union Railway's cars in the yard at One Hundred and Seventy-ninth street and Third avenue, as shown by N. Y. C. I. bill of May 15, 1908.....	819 05
	20,425 30
To Interborough Rapid Transit Company—	
Demand loan of April 6, 1908.....	\$60,000 00
For power supplied and miscellaneous labor and material furnished during the month of April, 1908.....	4,362 88
For power supplied during the month of May, 1908.....	3,390 33
For rental of offices and yard at One Hundred and Seventy-ninth street and Third avenue, month of May, 1908.....	446 67
For miscellaneous labor and material supplied during May, 1908 (estimated).....	350 00
For power supplied, for rental of offices and yard and miscellaneous labor and material for the month of June, 1908 (estimated).....	4,500 00
For the amount due under the eight cent transfer arrangement, from March 31, 1906, to June 30, 1908 (May and June, 1908, estimated).....	1,225 00
	74,274 88
To Various Companies and Individuals—	
For supplies and various operating expenses accrued during the month of June, 1908 (estimated).....	1,500 00
To the United States Mortgage and Trust Company, Trustee—	
For Sinking Fund payment due May 1, 1908.....	30,000 00
For interest on First Mortgage 4 per cent. Sinking Fund Gold Bonds.....	117,000 00
Total obligations as of June 30, 1908.....	\$284,535 54

In addition to the foregoing items of indebtedness, there are certain sums not yet determined, claimed to be due the Union Railway Company, either in the form of capital payment or an annual rental charge for the privilege of operating on the tracks of the said Union Railway Company over the Macombs Dam Bridge.

9. The income of your petitioner from the operation of its street surface railway or railways is wholly inadequate to meet the necessary expenses of operating said railways and make the payments to the City required by its franchises aforesaid, as more fully appears by the statement of the receipts and expenditures of your petitioner during the year ending on the 31st day of December, 1907, a copy of which is hereto annexed, and by its current quarterly report to the Public Service Commission, a copy of which is annexed hereto.

10. Your petitioner has been and is wholly unable to discharge its obligations under a certain mortgage to the United States Mortgage and Trust Company, dated the first day of May, 1905, and there is now due and unpaid, as of the first day of May, 1908, as accrued interest upon the outstanding bonds issued under said mortgage, the sum of \$117,000, and your petitioner is further unable to discharge its obligations under and by virtue of certain contracts heretofore entered into by it for the power necessary to its operation, and for the further construction of its said railways.

11. The financial condition of your petitioner is such that it is and will in an increasing measure be embarrassed and crippled in its desire and effort to afford satisfactory and efficient service to the public; and unless it be materially relieved in respect to its financial obligations, it will be difficult, if not impossible, to discharge its obligations to the City and to the public within the intent and purpose of its said franchise.

12. The portions of the routes embraced within the franchise granted to your petitioner as aforesaid which command relatively the greatest volume of traffic per mile of operation, are those upon which the railway of your petitioner is now constructed and in operation, and in respect to which there has resulted from said operation a large and increasing deficit. A large portion of the route or routes granted as aforesaid to your petitioner, and more especially the routes in the so-called Hunts Point section in the southeastern part of the Borough of The Bronx, cannot, as your petitioner is advised and believes, in the light of its experience in the operation of its present system, be constructed and operated without incurring not only a present deficit and a continuing loss during the term of your petitioner's franchise, but possible jeopardy of all or the greater part of any of the capital expenditures necessary to the completion of said routes.

Your petitioner, although unable, as aforesaid, to meet its contract and other obligations, is earnestly endeavoring to effect such arrangements as will enable it to continue not only the operation, but the further construction of its road, with a view to affording the largest accommodation and service to the traveling public within its power, and the relief for which your petitioner respectfully prays is, in view of the financial embarrassment of your petitioner, essential, as your petitioner believes and respectfully shows herein, to the accomplishment of this purpose.

Wherefore, Your petitioner prays that it be relieved from each and every of its said obligations to make the payments in and for the use of the bridges specified in its franchise, and more particularly in the fourth paragraph of section 2 of the ordinance of the Board of Aldermen, approved by the Mayor as aforesaid, March 31, 1903, and from the payments for the aforesaid franchises specified in said fourth paragraph of section 2 of said ordinance, except such annual sums which shall be equal to three per cent. of its gross annual receipts during the first term of five years specified in said paragraph fourth, and which shall be equal to five per cent. of its gross annual receipts thereafter. And your petitioner prays that public notice be given of the time and place when and where this application shall be held, and that the desired consent or grant herein applied for be embodied in the form of a contract, and otherwise in accordance with the provisions of the Greater New York Charter.

Dated at The City of New York, June 23, 1908.

NEW YORK CITY INTERBOROUGH RAILWAY COMPANY.

By ALFRED SKITT, President.

[SEAL]

Attest:

H. M. FISHER, Secretary.

State of New York, County of New York, ss.:

Alfred Skitt, being duly sworn, deposes and says that he is the President of New York City Interborough Railway Company, the petitioner named in the foregoing petition; that he has read the foregoing petition and knows the contents thereof; that the same is true of his own knowledge, except as to the matters therein stated to be alleged upon information and belief, and that as to those matters he believes it to be true; that the reason why this verification is not made by the petitioner is that it is a corporation; that the deponent is an officer of said corporation, to wit: its President; and that the grounds of his information in regard to the matters stated in the foregoing petition, so far as the same are not within his personal knowledge, are statements made by officers or agents of the corporation to him as President thereof.

ALFRED SKITT.

Sworn to before me this 23d day of June, 1908

JOSEPH W. MASON, Commissioner of Deeds, New York City.

State of New York, County of New York, ss.:

On this 23d day of June, in the year one thousand nine hundred and eight, before me personally came Alfred Skitt, to me known, who, being by me duly sworn, did depose and say that he resided in the City of Yonkers, N. Y. That he is President of the New York City Interborough Railway Company, the corporation described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed his name thereto by like order.

JOSEPH W. MASON, Commissioner of Deeds, New York City.

The following was offered:

Whereas, The foregoing petition from New York City Interborough Railway Company, dated June 23, 1908, was presented to the Board of Estimate and Apportionment at a meeting held June 26, 1908.

Whereas, A second petition, dated November 12, 1908, was presented to the Board at the meeting held November 13, 1908, requesting an extension of time until December 27, 1909, in which to complete the construction of twenty-four miles of the petitioner's double track street railway.

Resolved, That, in pursuance of law, this Board on Friday, the 11th day of December, 1908, at 10.30 o'clock in the forenoon, and Room 16 in the City Hall, Borough of Manhattan, as the time and place when and where such petition shall be first considered, and a public hearing be had thereon, at which citizens shall be entitled to appear and be heard; and be it further

Resolved, That the Secretary is directed to cause such petition and these resolutions to be published for at least two (2) days in two daily newspapers in The City of New York, to be designated by the Mayor, and for at least ten (10) days in the City Record immediately prior to such date of public hearing. The expense of such publication to be borne by the petitioner.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—10.

The full minutes of the meeting of this day will appear in the City Record at a later date.

JOSEPH HAAG, Secretary.

LAW DEPARTMENT.

The following schedules form a brief extract of the transactions of the office of the Corporation Counsel for the week ending October 31, 1908, as required by section 1546 of the Greater New York Charter.

Note—The City of New York, or the Mayor, Aldermen and Commonalty of The City of New York, is defendant, unless otherwise mentioned.

SCHEDULE "A"

Suits and Special Proceedings Instituted.

Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Supreme.....	H 69	Oct. 26, 1908	Larschen, A., & Sons' Ross Co. (vs. est.) vs. Lawson Purdy et al.....	Certiorari to review assessment on plaintiff's capital invested in business for 1908.

Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Supreme...	73 25	Oct. 26, 1908	Lipson, Elias, vs. Julian Benedict and ann. (No. 1).....	To foreclose mortgage.
Supreme...	73 26	Oct. 26, 1908	Lipson, Elias, vs. Julian Benedict and ann. (No. 2).....	To foreclose mortgage.
Sup., K. Co.	73 31	Oct. 26, 1908	Lalor, Mary.....	Personal injuries, fall, condition of pavement, Manhattan ave., near Huron st., \$10,000.
Supreme... (14)	136	Oct. 26, 1908	Niles, Robert L. (In re).....	To vacate assessment for re-regulating, etc., Edgecombe ave., 147th to 154th sts.
Sup., K. Co.	73 39	Oct. 26, 1908	Bell, Edward Frederick, by guardian.	Personal injuries, fall over water-cock on sidewalk, Bergen st., \$3,000.
Supreme...	73 30	Oct. 26, 1908	Davis, Mary A., vs. Hannah Mahoney et al.....	Action in partition to divide premises of Bridget Mahoney, deceased.
Surrogates.	73 24	Oct. 27, 1908	Devlin, Bridget (Matter of estate of).....	For order directing payment of moneys to Margaret Haywood.
Sup., K. Co.	73 33	Oct. 27, 1908	Terminal Athletic Club vs. Theodore A. Bingham et al.....	To restrain interference with plaintiff's athletic exhibitions.
Mun. R....	73 46	Oct. 27, 1908	Jordano, Pasquale.....	Personal injuries, thrown from wagon, hole in street, Virginia and Tompkins aves., \$500.
Mun. R....	73 47	Oct. 27, 1908	Romolo, Nicholas.....	Personal injuries, thrown from wagon, hole in street, Virginia and Tompkins aves., \$500.
Mun. R....	73 44	Oct. 27, 1908	Romolo, Sabino, and son, etc.....	Personal injuries, thrown from wagon, hole in street, Virginia and Tompkins aves., \$500.
Supreme...	73 24	Oct. 27, 1908	Klingenstein, Jacob, vs. Davis Elder et al.....	To foreclose mortgage.
Supreme...	73 25	Oct. 27, 1908	Klingenstein, Jacob, vs. Davis Elder et al.....	To foreclose mortgage.
Mun. Q....	73 26	Oct. 27, 1908	Moorehouse, William H. Co. vs. the City and ann.....	Summons only served.
Municipal..	73 37	Oct. 27, 1908	Boerin, Samuel.....	Personal injuries, fall, condition of sidewalk, 6th st. and 2d ave., \$500.
Municipal..	73 38	Oct. 27, 1908	Cryder & Co.....	For injury to automobile, running into hole, 41st st., \$480.
Municipal..	73 39	Oct. 27, 1908	English, Joseph F.....	Personal injuries, fall, hole in pavement, 17th st. and 4th ave., \$15,000.
Sup., K. Co.	73 43	Oct. 28, 1908	Hjork & Back Construction Co. vs. the John Pinches Co. et al.....	To foreclose lien.
Supreme...	73 44	Oct. 28, 1908	Allen, William E. (ex rel.), vs. Victor J. Hoerle et al.....	Mandamus to compel placing of name on registry list.
Supreme...	73 45	Oct. 28, 1908	Newcomb, Josiah T. (ex rel.), vs. William Leary et al.....	Mandamus to compel counting of votes of persons on line at 3 p. m. Election Day.
Supreme...	73 47	Oct. 28, 1908	Lindert, August, as trustee, etc., vs. Sigmond Lemhardt et al.....	To foreclose mortgage.
Land Office	73 48	Oct. 28, 1908	Hochberg and Casareo Realty Co., The (Matter of).....	For grant of land under water.
Supreme...	73 42	Oct. 28, 1908	Kasian, Abram I.....	For services for alterations to Dept. of Health building, 53th st. and 6th ave., \$1,100.
Supreme...	73 54	Oct. 29, 1908	Dean, Eliza, vs. Esther Reshner et al.....	To foreclose mortgage.
Sup., K. Co.	73 55	Oct. 29, 1908	Miller, Alexander, vs. Joseph M. Tompkins et al.....	To foreclose mortgage.
Supreme... (14)	137	Oct. 29, 1908	Murray, James, and ann. (In re).....	To reduce assessment for re-regulating, etc., Edgecombe road, 147th to 154th st.
Supreme... (14)	138	Oct. 29, 1908	Drury, Eliza (In re).....	To reduce assessment for re-regulating, etc., Edgecombe road, 147th to 154th st.
Supreme... (14)	139	Oct. 29, 1908	Rosenfeld, William J. (In re).....	To reduce assessment for re-regulating, etc., Edgecombe road, 147th to 154th st.
Supreme... (14)	140	Oct. 29, 1908	Kantor, Leopold, and ann. (In re).....	To reduce assessment for re-regulating, etc., Edgecombe road, 147th to 154th st.
Municipal..	73 50	Oct. 29, 1908	City of New York vs. Charlotte Simon and ann.....	To recover on bond given in <i>Pro. Maurice Simon vs. Darlington</i> , \$173.71.
Municipal..	73 51	Oct. 29, 1908	City of New York vs. Adrian H. Johns and ann.....	For injury to automobile truck, struck by car, 108th st. and Columbus ave., \$125.50.
Municipal..	73 52	Oct. 29, 1908	City of New York vs. Nassau Electric Railroad Co.....	For injury to Health Dept. automobile, struck by car, 6th st. and 7th ave., Brooklyn, \$37.15.
Municipal..	73 53	Oct. 29, 1908	City of New York vs. James M. Cogan.....	To eject defendant from premises, 166th st. and North River.
Municipal..	73 54	Oct. 29, 1908	City of New York vs. P. T. Walsh et al.....	For damage to asphalt pavement, construction of school, 6th and 7th sts., near Avenue B, \$496.76.
Supreme...	73 57	Oct. 29, 1908	National Athletic Club of America vs. Theodore A. Bingham et al.....	To restrain interference with club, 147 and 149 East 24th st.
Municipal..	73 56	Oct. 30, 1908	Trotter Construction Co.....	As assignee, amount for 169 cubic yards of broken stone, Jerome Park Reservoir, \$168.
Sup., K. Co.	73 57	Oct. 30, 1908	Schmash, Solomon, by guardian, vs. Brooklyn, Queens County and Suburban Railroad Co. and ann.....	Personal injuries, falling on tracks, hole in pavement, struck by car, Broadway and Hewes st., Brooklyn, \$59,000.
Municipal..	73 52	Oct. 30, 1908	Mitchell, Samuel, vs. Thomas P. O'Connor.....	Action in replevin, goods valued at \$150.
U. S. Dist.	73 54	Oct. 30, 1908	Gillen, Henry.....	Damage to tugboat "Henry Gillen" collision with ferryboat "Bay Rider" \$3,100.
Supreme...	73 53	Oct. 31, 1908	Barber Asphalt Paving Company, The.....	To recover retained percentage on contract for repaving Broadway, 14th to Canal st., \$27,854.10.
Supreme...	73 56	Oct. 31, 1908	Mack Paving Co. of New York.....	Assignee, to recover retained percentage on contract for repaving Broadway, 14th to Canal st., \$27,854.10.
Municipal..	73 57	Oct. 31, 1908	Chung, Ching, vs. Thomas F. O'Connor.....	Action in replevin, to recover \$125.
Supreme...	73 58	Oct. 31, 1908	Kennedy, James (ex rel.), vs. Theodore A. Bingham.....	Certiorari to review dismissal from Police Dept.
Supreme...	73 59	Oct. 31, 1908	Lindsay, Henry A. (ex rel.), vs. Lawson Purdy et al.....	Certiorari to review assessment on relator's personal property for 1908.

Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Supreme...	73 59	Oct. 31, 1908	Jetter, Edward J., et al. vs. Joseph Klein et al.....	To foreclose mortgage.

"Prevailing Rate of Wages" Actions.

Court.	Register and Folio.	When Commenced.	Title.	Department.	Amount.
STROKES—John E. Judge, Attorney.					
Supreme...	73 27	Oct. 26, 1908	Brown, William.....	Charities.....	\$408 00
LABORERS—Charles Montague Hurly, Attorney.					
Municipal..	73 58	Oct. 29, 1908	McCann, John.....	Highways.....	71 50
Municipal..	73 59	Oct. 29, 1908	McLaughlin, John.....	Highways.....	71 50
FIREMAN—John J. McHenry, Attorney.					
Municipal..	73 51	Oct. 30, 1908	Lewis, Thomas F.....	Bellevue and Allied Hospitals	116 00

SCHEDULE "B."

Judgments, Orders and Decrees Entered.

Patrick H. Tighe; John McKeon (and 467 similar actions)—Entered orders discontinuing actions without costs.

Mary C. Bogart, as administratrix—Appellate Division order entered reversing judgment dismissing complaint and granting a new trial with costs to appellant to abide the event.

In re James J. Gaffney (on petition of James L. Watson)—Entered orders on remittitur from Court of Appeals reversing orders granting motion to strike name of Gaffney from enrollment book; and dismissing proceeding without costs.

Herman Baron vs. City of New York et al.—Order entered discontinuing action as against The City of New York.

Catherine McCabe; John McCabe; William J. Kinsley—Entered orders denying motions for new trial.

People ex rel. Michael H. Healy vs. T. A. Bingham; People ex rel. Consolidated Gas Company vs. J. L. Wells et al.—Entered orders on remittitur from Court of Appeals affirming orders dismissing writs of certiorari with costs to defendants.

Charles Fring; City of New York vs. Isaac L. Rice and another—Entered Appellate Division orders affirming judgments in favor of the City.

People ex rel. John Shea vs. T. A. Bingham—Entered Appellate Division order dismissing writ of certiorari and affirming proceedings of defendant with costs.

People ex rel. Pennsylvania Tunnel and Terminal Company vs. H. A. Metz—Order entered granting relator's motion for peremptory writ of mandamus.

People ex rel. William E. Allen vs. E. J. Hoerle et al.—Order entered granting relator's motion for peremptory writ of mandamus.

James A. Gearty—Entered order denying defendant's motion to set aside verdict and for a new trial.

In re William Hahn—Entered order denying application for a writ of certiorari to review determination of Board of Elections.

Emil C. Ohmstede vs. Board of Education—Filed decision of O'Gorman, J., directing that complaint be dismissed with costs to defendant.

Nettie Kelly, an infant—Order entered changing venue to Kings County.

Eighteenth to Twenty-third Street, North River, Dock (re Erie Railroad Company)—Order entered on remittitur from Court of Appeals reversing order confirming report of Commissioners and remitting proceeding to them to take further testimony.

In re Michael J. Byrne; In re Isidore P. Thomas—Appellate Division orders entered reversing orders appealed from and granting motions to review determination of Board of Elections, with \$50 costs to petitioners.

City of New York vs. Henry Corn et al.—Order entered granting defendants' motion to dismiss complaint with costs to be taxed.

City of New York vs. Broadway and Seventh Avenue Railroad Company; Michael Harrison—Entered orders discontinuing actions without costs.

People ex rel. Frederick B. Shepherd vs. J. T. Duoling et al.—Entered order denying application to reconvene Board of Elections.

In re Matthew W. Edelmann—Entered order denying application to review decision of Board of Elections.

City of New York vs. William P. Baird et al.—Entered judgment in favor of plaintiff as against William P. Baird for \$11,707.63 and dismissing complaint as against defendants James Baird and James Everard.

Elizabeth Betz—Order entered on remittitur from Court of Appeals affirming judgment in favor of plaintiff with costs.

Patrick McKiernan (and 442 similar actions)—Entered orders discontinuing actions without costs.

People ex rel. Joseph Price vs. T. A. Bingham—Entered order on remittitur from Court of Appeals affirming order denying motion for mandamus. Entered judgment on order of remittitur for \$160 costs in favor of defendant.

Francesco D'Alcorno—Entered order changing venue to Queens County.

Judgments Were Entered in Favor of the Plaintiffs in the Following Actions:

Date.	Name.	Register and Folio.	Amount.
Oct. 20, 1908	Uvalde Asphalt Paving Company.....	62 160	\$110 57
Oct. 20, 1908	Grole, Augustus H.....	58 208	78 23
Oct. 22, 1908	Reichert, Grace, infant.....	63 301	388 50
Oct. 22, 1908	Schilling, Charles.....	45 148	122 50
Oct. 23, 1908	Cohen, Gertrude, infant.....	70 74	8,000 00
Oct. 26, 1908	Whitbridge, Fred W., etc.....	71 95	62 70
Oct. 28, 1908	Cohen, Joseph.....	70 74	300 00
Oct. 31, 1908	Lyons, Michael J.....	62 428	1,633 88

SCHEDULE "C"

Record of Court Work.

In re Edward C. Quigg—Motion for order directing Comptroller to pay over moneys to Receiver argued before Adams, J., in United States District Court. Decision reserved. G. P. Nicholson for the City.

James Gatt—Tried before Wilson, J., in Municipal Court. Judgment for defendant. F. E. Smith for the City.

Max Igel—Tried before Davies, J., in Municipal Court. Decision reserved. J. W. Goff, Jr., for the City.

Crescent Express and Transfer Company—Tried before Weil, J., in Municipal Court. Judgment for defendant. F. E. Smith for the City.

In re Michael Byrne; In re Isidore P. Thomas—Argued at Appellate Division. Order reversed and motion granted, with costs. T. Farley for the City.

Julia A. Dempsey—Tried before Gerard, J., and a jury. Verdict for plaintiff for \$500. Motion to set aside verdict argued. Decision reserved. T. G. Price for the City.

City of New York vs. Henry Corn et al.—Tried before ———, J., and a jury. Complaint dismissed. F. B. Pierce for the City.

John L. Moriarty—Tried before Marks, J., in Municipal Court. Decision reserved. F. Martin for the City.

People ex rel. Tubular Dispatch Company vs. State Board; People ex rel. New York Mail and Newspaper Transportation Company vs. same; People ex rel. Pneumatic Service Company vs. same—Reference proceeded and adjourned. A. B. Scoville for the City.

Willis Holly vs. J. H. O'Brien et al.—Argued at Appellate Division. Decision reserved. T. Connolly for the City. "Order reversed and motion denied, with costs."

People ex rel. A. Lerschen & Sons Rope Company vs. J. J. Brady et al.—Argued at Appellate Division. Decision reserved. D. Rumsey for the City. "Order affirmed, with costs."

Michael J. Lyons—Tried before Benton, J., and a jury. Verdict for plaintiff for \$3,500. J. A. Stover for the City.

Morris Friedman—Tried before Sanders, J., in Municipal Court. Complaint dismissed. F. E. Smith for the City.

Martin F. Farrell—Tried before McCall, J. Complaint dismissed. A. Sweeney for the City.

Emilia K. Hess—Complaint dismissed by default before Garretson, J. E. S. Malone for the City.

People ex rel. William E. Allen vs. E. J. Hoeree—Motion for peremptory writ of mandamus argued before Truax, J., and granted. T. Connolly for the City.

Josiah T. Newcomb vs. William Leary et al.—Argued at Appellate Division. Decision reserved. T. Connolly for the City. "Proceeding dismissed, with costs."

City of New York vs. Steam Dredge No. 1—Tried before Adams, J., in United States District Court. Decree for libellant. G. F. Nicholson for the City.

People ex rel. William Waldorf Astor vs. F. A. O'Donnell et al. (E-129); People ex rel. James R. Roosevelt vs. same (E-171)—Reference proceeded and adjourned. G. H. Folwell for the City.

Jefferson M. Levy vs. G. B. McClellan et al.; David Mayer vs. same—Reference proceeded and adjourned. L. H. Hahlo for the City.

Joseph Cohen vs. T. Darlington et al.—Motion to continue injunction argued before Stapleton, J. Decision reserved. P. E. Callahan for the City.

Title Guaranty and Trust Company—Reference proceeded and closed. S. K. Prubasco for the City.

Thomas Brown—Tried before Carr, J., and a jury. Verdict for plaintiff for \$500. J. W. Covert for the City.

Caroline Davidson—Tried before Marean, J., and a jury. Verdict for plaintiff for \$1,000. P. E. Callahan for the City.

Benjamin F. Mayers vs. City of New York and another—Tried before Carr, J., and a jury. Verdict for defendant. J. W. Covert for the City.

Louis Plant vs. T. A. Bingham et al.—Motion to continue injunction argued before Stapleton, J. Decision reserved. J. T. O'Neill for the City.

Hearings Before Commissioners of Estimate in Condemnation Proceedings.

Brooklyn Bridge Terminal, three hearings; Pier 36, East River, Dock; Pier 51, East River, Dock; Pier 53, East River, Dock, one hearing each. C. D. Olendorf for the City.

Rapid Transit (Westchester Avenue); Manhattan Terminal for Bridge No. 3; Marginal Street for Bridge No. 3, two hearings each; Rapid Transit (Fort George); Subway Loop Proceeding No. 1, one hearing each. J. I. Squier for the City.

Subway Loop Proceeding No. 3; Subway Loop Proceeding No. 4, one hearing each. F. J. Byrne for the City.

Subway Loop Proceeding No. 2; Subway Loop Proceeding No. 5, one hearing each. H. W. Mayo for the City.

SCHEDULE "D."

Contracts, etc., Drafted, Examined and Approved as to Form.

Department.	Contracts Approved as to Form.	Contracts Examined and Returned for Revision.	Advertisements Approved as to Form.
Borough Presidents.....	23	..	2
Board of Education.....	3	..	2
Department of Charities.....	2	..	1
Department of Bridges.....	1	..	..
Health Department.....	1	..	..
Board of Water Supply.....	..	1	..
Total.....	30	1	5

Bonds Approved.

Finance Department..... 2

Leases Approved.

Sinking Fund Commissioners..... 3

Agreements Approved.

Dock Department..... 1

SCHEDULE "E."

Opinions Rendered to the Various Departments.

Department.	Opinions Rendered.
Finance Department.....	19
Police Department.....	4
Dock Department.....	2
Board of Elections.....	2
Department of Water Supply, Gas and Electricity.....	2
Health Department.....	1
Department of Taxes and Assessments.....	1
Mayor.....	1
Board of Estimate and Apportionment.....	1
Borough Presidents.....	1
Total.....	34

FRANCIS K. PENDLETON, Corporation Counsel.

DEPARTMENT OF BRIDGES.

REPORT FOR THE QUARTER ENDING SEPTEMBER 30, 1908.

Department of Bridges,
Nos. 13 to 21 Park Row,
New York, October 1, 1908.

To the Hon. GEORGE B. McCLELLAN, Mayor, New York City:

Sir—Pursuant to section 1544 of the Greater New York Charter, I have the honor to submit the following report of the Department of Bridges for the three months ending September 30, 1908.

The changes in employees and salaries have been as follows, for the period from July 1, 1908, to October 1, 1908:

Appointments.		
July 1.	1 Bridge Tender, per annum.....	\$500 00
July 2.	1 Bridge Tender, per annum.....	900 00
July 2.	1 Watchman, per hour.....	25
July 23.	5 Watchmen, per hour.....	25
Aug. 3.	1 Wireman, per hour.....	50
Aug. 5.	1 Machinist, per hour.....	50
Aug. 11.	1 Laborer, per hour.....	28½
Sept. 1.	4 Riveters, per hour.....	56½

Promotions and Increases.

July 1.	1 Assistant Engineer, from \$3,300 per year to.....	\$3,500 00
July 1.	2 Assistant Engineers, from \$2,400 per year to.....	3,000 00
July 1.	1 Assistant Engineer, from \$2,100 per year to.....	2,700 00
July 1.	1 Rodman, from \$1,050 per year to.....	1,200 00
July 1.	1 Machinist, from 50 cents per hour to, per year.....	1,200 00
July 1.	1 Architectural Draughtsman, from \$1,500 per year to.....	1,800 00
July 5.	1 Painter, from 50 cents per hour to, per week.....	24 00
July 9.	1 Assistant Engineer, from \$2,700 per year to.....	3,000 00
July 12.	1 Laborer, at 31¼ cents per hour, to Bridge Tender, at, per year.....	900 00
July 15.	1 Bridge Tender, from \$730 per year to.....	900 00
July 17.	1 Transitman, from \$1,500 per year to.....	1,800 00
July 17.	1 Riveter, from 62½ cents per hour to Foreman Riveter, per year.....	1,800 00
July 23.	1 Transitman, at \$1,800 per year to Assistant Engineer, at.....	1,800 00
Aug. 1.	1 Assistant Engineer, from \$3,500 per year to.....	4,000 00
Aug. 1.	1 Assistant Engineer, from \$1,800 per year to.....	2,100 00
Aug. 1.	1 Carpenter, at 62½ cents per hour, to Foreman Carpenter, at, per year.....	1,500 00
Aug. 1.	1 Stone Mason, at \$1,800, to General Foreman, at, per year.....	2,000 00
Aug. 2.	1 Painter, at 50 cents per hour, to Lineman, at, per hour.....	50
Aug. 2.	1 Mechanic's Helper, at \$15 per week, to, per hour.....	37½
Sept. 1.	1 Assistant Engineer, from \$2,100 per year to.....	2,400 00
Sept. 6.	1 Painter, from 50 cents per hour to, per week.....	24 00
Sept. 6.	1 Laborer, from 28½ cents per hour to.....	37½
Sept. 6.	1 Engineman, from \$1,500 per year to, per day.....	4 50
Sept. 8.	1 Laborer, at 31¼ cents per hour, to Lineman, at, per hour.....	50
Sept. 27.	1 Riveter, from \$21 per week to, per hour.....	56½

Death.

Aug. 15.	1 Cleaner, at, per hour.....	\$0 25
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Transferred into the Department.

July 14.	1 Laborer, at, per hour.....	\$0 31¼
Aug. 14.	1 Laborer, at, per hour.....	28½
Sept. 10.	1 Cleaner, at, per hour.....	25

Decreases.

July 1.	1 Riveter, from 56½ cents per hour to, per week.....	\$21 00
July 5.	1 Ship Carpenter, from \$27 per week to, per hour.....	56½
Sept. 28.	1 Lineman, at 50 cents per hour, to Laborer, at, per hour.....	31¼

Name Returned to Eligible List.

July 1.	1 Watchman, at, per hour.....	\$0 25
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Reinstated.

July 7.	1 Machinist, per hour.....	\$0 50
Aug. 19.	1 Laborer, per hour.....	28½
Sept. 2.	1 Bridge Keeper, per year.....	900 00

Dropped from the Payroll.

July 7.	2 Watchmen, per hour.....	\$0 25
July 17.	1 Foreman Bridge Painter, per year.....	1,500 00
Aug. 14.	2 Watchmen, per hour.....	25
Sept. 9.	2 Wiremen, per hour.....	50

Resigned.

July 2.	1 Mechanic's Helper, per hour.....	\$0 31¼
July 10.	2 Watchmen, per hour.....	25
July 14.	1 Watchman, per hour.....	25
July 25.	1 Riveter, per hour.....	56½

Financial Report of Department of Bridges for Three Months Ending September 30, 1908.

Title of Appropriation.	Appropriation for Year 1908.	Total Amount Vouchers Certified to Comptroller.	Balance of Appropriation.	Amount Certified to Comptroller in Past Three Months.
Salaries, General Administration.....	\$50,200 00	\$39,165 16	\$11,034 84	\$14,318 53
Supplies and Contingencies.....	1,200 00	999 00	200 00	527 44
Harlem River Bridges—				
Salaries and Wages.....	221,973 28	169,510 02	52,463 26	58,840 30
Supplies and Repairs.....	55,820 52	42,359 97	13,460 55	7,297 19
Newtown Creek Bridges—				
Salaries and Wages.....	71,716 00	50,008 88	21,707 12	16,067 25
Supplies and Repairs.....	9,084 00	7,893 75	1,190 25	4,231 11
Borough of Brooklyn—				
Salaries and Wages.....	62,406 00	48,333 39	14,072 61	15,860 12
Supplies and Repairs.....	13,094 00	4,054 81	9,039 19	1,073 74
Borough of The Bronx—				
Salaries and Wages.....	11,938 50	44,937 39	7,000 00	6,447 68
Supplies and Repairs.....	7,608 00	1,871 25	5,736 75	687 79
Borough of Queens—				
Salaries and Wages.....	25,786 25	18,710 20	7,076 05	6,768 54
Supplies and Repairs.....	2,613 75	2,238 53	4,475 22	713 04
Borough of Richmond—				
Salaries and Wages.....	1,200 00	688 26	511 74	378 04
Supplies and Repairs.....	2,800 00	530 24	2,269 76	410 62
Telephone Service.....	2,160 00	1,435 54	724 46	745 64

Brooklyn Bridge—Maintenance of.

Balance on hand July 1, 1908.....	\$39,083 14
Receipts for three months ending September 30, 1908.....	110,550 95
Total.....	\$149,634 09
Expenditures for three months ending September 30, 1908.....	101,240 50
Balance.....	\$48,393 59

Outstanding obligations for contracts.....	\$17,059 16
Amount authorized for maintenance for year 1908.....	\$380,000 00

Williamsburg Bridge—Maintenance of.

Balance on hand July 1, 1908.....	\$54,261 40
Receipts for three months ending September 1, 1908.....	44,001 05
Total.....	\$98,262 54
Expenditures for three months ending September 30, 1908.....	27,696 95
Balance.....	\$70,565 59
Amount authorized for maintenance for year 1908.....	\$247,800 00

Williamsburg Bridge—Construction of.

Amount of bonds authorized to date.....	\$22,412,473 66
Premium on bonds issued to date.....	878,638 06
Total	\$23,291,111 72
Amount of vouchers certified to Comptroller for payment to date.....	22,952,631 79
Balance	\$338,479 93
Outstanding obligations for contracts.....	\$277,446 71
Expenditures for three months ending September 30, 1908—	
Contracts	\$128,665 35
Salaries	44,814 95
Supplies	9,453 41
Expert services	3 06
Total	\$179,937 37

Manhattan Bridge—Construction of.

Amount of bonds authorized to date.....	\$20,970,000 00
Premium on bonds issued to date.....	276,331 06
Total	\$21,246,331 06
Amount of vouchers certified to Comptroller for payment to date.....	14,436,022 59
Balance	\$6,810,308 47
Outstanding obligations for contracts.....	\$4,200,665 93
Expenditures for three months ending September 30, 1908—	
Contracts	\$1,650,363 00
Real property	489,000 00
Salaries	16,791 86
Expert services	6,200 00
Supplies	563 34
Total	\$2,162,920 00

Blackwell's Island Bridge—Construction of.

Amount of bonds authorized to date.....	\$14,095,000 00
Premium on bonds issued to date.....	282,815 28
Total	\$14,377,815 28
Amount of vouchers certified to Comptroller for payment to date.....	11,207,293 47
Balance	\$3,170,521 81
Outstanding obligations for contracts.....	\$1,885,745 79
Expenditures for three months ending September 30, 1908—	
Contracts	\$1,335,357 63
Salaries	35,751 39
Expert services	6,414 11
Supplies	1,512 32
Total	\$1,379,035 47

New Madison Avenue Bridge—Construction of.

Amount of bonds authorized to date.....	\$2,376,876 45
Premium on bonds issued to date.....	31,358 98
Total	\$2,408,235 43
Amount of vouchers certified to Comptroller for payment to date.....	806,933 27
Balance	\$1,511,302 16
Outstanding obligations for contracts.....	\$1,065,731 89
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$109,114 05

University Heights Bridge—Construction of.

Amount of bonds authorized to date.....	\$1,346,195 54
Premium on bonds issued to date.....	20,787 74
Total	\$1,366,983 28
Amount of vouchers certified to Comptroller for payment to date.....	1,168,141 28
Balance	\$198,842 00
Outstanding obligations for contracts.....	\$6,690 00
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$94,293 09

Monumental Bridge Over Spuyten Duyvil Creek—Construction of.

Amount of bonds authorized to date.....	\$3,010,000 00
Premium on bonds issued to date.....	1,446 89
Total	\$3,011,446 89
Amount of vouchers certified to Comptroller for payment to date.....	78,424 55
Balance	\$2,933,022 34
Outstanding obligations for contracts.....	\$35,000 00
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$284 22

Bridge Over Eastchester Bay—Construction of.

Amount of bonds authorized to date.....	\$615,000 00
Premium on bonds issued to date.....	10,078 92
Total	\$625,078 92
Amount of vouchers certified to Comptroller for payment to date.....	482,154 66
Balance	\$142,924 26
Outstanding obligations for contracts.....	\$53,514 01
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$24,101 31

Eastchester Bridge Over Hutchinson River—Construction of.

Amount of bonds authorized to date.....	\$200,000 00
Premium on bonds issued to date.....	157 28
Total	\$200,157 28
Amount of vouchers certified to Comptroller for payment to date.....	8,156 42
Balance	\$192,000 86
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$1,125 00

Vernon Avenue Bridge—Construction of.

Amount of bonds authorized to date.....	\$1,375,003 68
Premium on bonds issued to date.....	9,088 14
Total	\$1,384,091 82
Amount of vouchers certified to Comptroller for payment to date.....	1,211,907 30
Balance	\$62,184 52
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$900 00

Flushing Creek Bridge—Construction of.

Amount of bonds authorized to date.....	\$495,937 54
Premium on bonds issued to date.....	8,396 46
Total	\$504,334 00
Amount of vouchers certified to Comptroller for payment to date.....	410,864 46
Balance	\$3,669 54
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$581 15

Borden Avenue Bridge—Construction of.

Amount of bonds authorized to date.....	\$175,000 00
Premium on bonds issued to date.....	4,041 94
Total	\$179,041 94
Amount of vouchers certified to Comptroller for payment to date.....	174,280 78
Balance	\$4,761 16
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$32,564 95

Manhattan Terminal, Brooklyn Bridge—Reconstruction of.

Amount of bonds authorized to date.....	\$4,953,775 00
Premium on bonds issued to date.....	8,006 67
Total	\$4,961,781 67
Amount of vouchers certified to Comptroller for payment to date.....	2,148,793 80
Balance	\$2,812,987 87
Outstanding obligations for contracts.....	\$10,000 00
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$36,115 33

Brooklyn Bridge—Construction of Trolley Railway Approaches, Borough of Brooklyn.

Amount of bonds authorized to date.....	\$150,000 00
Premium on bonds issued to date.....	2,662 99
Total	\$152,662 99
Amount of vouchers certified to Comptroller for payment to date.....	100,425 38
Balance	\$52,237 61
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$23,065 77

Brooklyn Bridge, Removing Supporting Columns, Sands and Washington Streets.

Amount of bonds authorized to date.....	\$12,000 00
Premium on bonds issued to date.....	126 18
Total	\$12,126 18
Amount of vouchers certified to Comptroller for payment to date.....	7,867 80
Balance	\$4,258 38
Outstanding obligations for contracts.....	\$1,702 20
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$6,025 50

Brooklyn Bridge, New Track Stringers, Signals, etc.—Construction of.

Amount of bonds authorized to date.....	\$45,000 00
Premium on bonds issued to date.....	462 68
Total	\$45,462 68
Amount of vouchers certified to Comptroller for payment to date.....	26,281 88
Balance	\$19,180 80
Outstanding obligations for contracts.....	\$14,881 47
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$25,046 14

Garage Under Brooklyn Bridge—Fitting Up.

Amount of bonds authorized to date.....	\$15,000 00
Premium on bonds issued to date.....	42 06
Total	\$15,042 06
Amount of vouchers certified to Comptroller for payment to date.....	238 04
Balance	\$14,804 02
Vouchers certified to Comptroller for three months ending September 30, 1908.....	\$151 00

Brooklyn Bridge.

The quarter was marked by the completion of several contracts for improvements and the substantial progress accomplished in all Departmental contracts. At the Manhattan terminal, the roadways have been extended in width, and a new viaduct approach to the incoming platform constructed, permitting increased facilities for train movement, particularly during the rush hours. Guard and guide railings have been erected upon the station platforms for the greater protection and convenience of passengers using the trains, and to facilitate the movement of trains. At the Brooklyn terminal, two elevated railway columns, formerly partially obstructing the entrance to the north roadway, were removed, and about 5,000 linear feet of new trolley approaches have been constructed and opened to surface car traffic, thereby providing increased transit facilities for such service, and eliminating congestion and grade crossings at Sands street. On the bridge structure a complete electrically operated signal system has been installed. This provides for the regulation and spacing of elevated railway trains while upon the bridge. The removal of wood track stringers and substitution of new steel stringers under the bridge railway tracks is progressing steadily, without interference with train service. The car and train service have been increased and maintained without serious delays, other than those incident to heavy traffic.

Williamsburg Bridge.

Elevated train service was put into operation on September 16, 1908, and the operation of same has been smooth and continuous. The vehicular traffic which was diverted from the north to the south roadway to permit change of grade of tracks was returned to the original roadways, and conditions are normal.

Manhattan Bridge.

The work of constructing the approach foundations is progressing rapidly, both in Manhattan and Brooklyn, as is also the work of fabricating the steel for the suspended and side spans. The construction of the foot bridges was completed, and on August 1, 1908, the first light of wire for the permanent cables was taken across the river. The stringing of wire for the permanent cables is being done in record time.

Henry Hudson Memorial Bridge.

Contract drawings for the main arch are in progress, as are also specifications for the structure. Tests, showing the compressive resistance of various grades of concrete, are being carried on, to determine the materials to be specified. At the site, piles have been driven in the river to ascertain the conditions incidental to constructing the false work, and same will be of advantage in bidding.

New Madison Avenue Bridge.

The old piers have been removed, and tender for the new centre pier is well under way. The dredging has been completed, and on the Manhattan approach all necessary sewer and water connections have been made.

Respectfully, J. W. STEVENSON, Commissioner.

BOROUGH OF THE BRONX.

BUREAU OF BUILDINGS.

I herewith submit a report of operations of the Bureau of Buildings, Borough of The Bronx, for the week ending November 14, 1908:

Table with 2 columns: Description of work and numerical count. Includes items like 'Plans filed for new buildings (estimated cost, \$203,450)', 'Unsafe cases filed', 'Violations cases filed', etc.

P. J. REVILLE, Superintendent of Buildings.

John H. Hanan, Chief Clerk.

CHANGES IN DEPARTMENTS, ETC.

PRESIDENT OF THE BOROUGH OF BROOKLYN.

November 30—Report of changes in the several Bureaus under the jurisdiction of the President of the Borough of Brooklyn during the period from November 1 to 15, inclusive.

Bureau of Highways.

Thomas Booth, Inspector of Regulating, Grading and Paving, deceased, October 23. Granted leave of absence for three months on account of illness, and without pay, to John H. Armstrong, Inspector of Regulating, Grading and Paving, to date from October 28, subject to the approval of the Municipal Civil Service Commission.

Suspended the following named persons on account of lack of appropriation, to date from October 26:

Inspectors of Regulating, Grading and Paving.

- C. P. Worrall, No. 51 Patchen avenue; J. Hammerschlag, No. 128 Lewis street, New York; C. H. Coggershall, No. 438 State street; John Hughes, No. 308 Sackett street; J. J. Farrell, No. 419 Decatur street; M. J. Tulley, No. 480 Seventh street; J. L. O'Loughlin, No. 63 Hoyt street; A. C. Robertson, No. 206 State street; Hugh McDevitt, No. 51 Sixteenth street; H. C. Moat, No. 400 Sackett street; F. J. Carroll, No. 455 Fourteenth street.

Automobile Engineer.

A. A. Brown, Coney Island avenue and Church avenue.

Foreman.

Thomas J. McCus, No. 676 Carroll street.

Foreman of Asphalt Workers.

Patrick E. Roche, No. 136 Perry street, New York; Hugh S. Quigley, No. 147 Lott street; John J. Conklin, No. 123 East One Hundred and Eighth street, New York; Philip Brodigan, No. 316 Baltic street.

Assistant Foremen.

Lawrence Maher, No. 65 Ralph street; John Ryan, No. 628 Atlantic avenue.

Pavers.

Morris Hennessey, No. 1235 Flushing avenue; Edward Sweeney, No. 336 Forty-second street; Peter O'Brien, No. 294 Prospect avenue; Michael J. McCabe, No. 776 Ninth avenue, New York; Patrick Kennelly, No. 14 East One Hundred and Thirty-fourth street, New York; Michael Leykman, No. 303 Hinrod street; Thomas Daly, No. 174 Fifth avenue; Patrick McManis, No. 214 Twenty-fourth street; John Cunningham, No. 334 Flushing avenue; Michael Connelly, No. 455 Graham avenue; William Ryan, No. 438 Forty-fourth street; Bernard Doran, No. 169 North Seventh street.

Rammers.

Charles Breslin, No. 23 Emerson place; John Shannon, No. 5007 Fifth avenue; Daniel Sullivan, No. 181 Bedford avenue; Herbert Francis, No. 254 Knickerbocker avenue; Thomas F. Thompson, No. 869 Fifth avenue; John Marnell, No. 33 Kosciuszko street; Patrick J. Cleary, No. 277 Baltic street; Hugh Williams, No. 155 Eleventh street; Michael Sullivan, No. 143 Skillman street.

Flaggers.

Daniel Meaney, No. 17 Sycamore street; Patrick Connor, No. 788 Myrtle avenue; Erhard Kramer, No. 10 Central avenue; George Kinney, No. 69 Prince street; J. D. McMahon, No. 62 Steuben street; J. J. Mulligan, No. 432 East One Hundred and Thirty-seventh street, New York; Michael Maher, No. 414 Warren street; Martin Costello, No. 307 First street; James Rankeiller, No. 328 East Seventieth street, New York; Thomas Coffey, No. 694 Trinity avenue, New York.

Asphalt Workers.

Chris. Muller, No. 53 Driggs avenue; Chas. Kehs, No. 12 North Henry street; Raffello Esposito, No. 765 Bergen street; Sebastian Esposito, No. 921 Atlantic avenue.

Laborers.

Lewis Wenzel, No. 317 Stanhope street; Martin Zahn, No. 115 Third place; Terrence McGuire, No. 610 Manhattan avenue; John J. Meenan, No. 157 Clymer street; Patrick Coker, No. 41 South Tenth street; Joseph Herdert, No. 121 McDougal street; Patrick Brophy, No. 595 Warren street; J. J. Walsh, No. 1499 Broadway; W. R. Moore, No. 319 Ralph street; Peter Corsentino, No. 622 Liberty avenue; Gius. Consello, No. 12 Navy street; John Capsik, No. 85 Miller avenue; John McAvoy, No. 105 Cornelia street; John Pugh, No. 121 North Third street; Nich. Dalton, No. 55 South Third street; Martin Fogarty, No. 516 Prospect avenue; Francis Gallagher, No. 518 Metropolitan avenue; Wm. Sheehan, No. 578 Myrtle avenue; Arthur Hughes, No. 97 Thirteenth street; John Cosgrove, No. 240 South Third street; Pasq. Lindino, No. 450 Elton street; James Hennessy, No. 241 Fifty-fourth street; Geo. O'Connell, No. 88 Steuben street; Thos. McKeever, No. 388 Keap street; Michael Irwin, No. 771 Forty-first street; Patk. McManus, No. 607 Myrtle avenue; Edw. R. Rush, No. 34 Cumberland street; James Lacey, No. 1233 Atlantic avenue; Pietro Mandello, No. 66 East Fourth street; John Melville, No. 161 Prospect place; R. Bicarangan, No. 69 Havemeyer street; Thos. Mackey, No. 535 Third avenue; Henry Van Maudan, No. 85 Fourteenth street; Antonio Lacerento, No. 132 Richmond street; Wm. Bolton, No. 197 Twelfth street; D. Abaraba, No. 245 Pacific street; Wm. Coopman, No. 70 Degraw street; Chas. Connoughton, No. 413 Seventh avenue; Michael Delpiore, No. 50 Garfield place; John Gomeringer, No. 321 Forty-sixth street; James Allen, No. 59 Columbia street; Alphonso Galbro, No. 220 Fourth street; Angelo Planzo, No. 146 Thirtieth street; Felix Russo, No. 19 Garfield place; Thomas Burns, Battery and East Ninety-second street; Lewis Paltry, No. 111 DeKalb avenue.

Mayone Fioravente, No. 857 Pacific street, Brooklyn, Asphalt Worker, re-assigned to duty on November 10.

Re-assigned to duty the following named persons on November 11:

Charles Breslin, No. 23 Emerson place, Rammer, at \$4 a day; John J. Meenan, No. 157 Clymer street, Laborer, at \$2 per day; Patk. Coker, No. 41 South Tenth street, Laborer, at \$2 per day; Patk. McManus, No. 607 Myrtle avenue, Laborer, at \$2 per day.

Bureau of Public Buildings and Offices.

John T. Dolan, Plumber's Helper, transferred to a similar position in the Department of Docks and Ferries, to date from November 4.

Accepted the resignation of John F. Rigney, No. 10 Cheever place, Brooklyn, Laborer, at \$750 per annum, to date from November 7.

William Pitts, Attendant, deceased, November 10.

Bureau of Sewers.

John McLoughlin, No. 103 Washington street, Driver, deceased, November 5.

Transferred William McCormick, No. 415 Henry street, Laborer, from the Bureau of Highways, at a compensation of \$2.50 per day, to date from November 9.

Appointed Gustave Freeman, No. 450 Saratoga avenue, Brooklyn, Topographical Draughtsman, at a compensation of \$1,500 per annum, to date from November 11.

Appointed Victor Del Gennese, One Hundred and Seventy-seventh street and Montgomery avenue, Morris Heights, Rodman, at a compensation of \$1,200 per annum, to date from November 11.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond. November 20—Discharged, lack of work, November 11, 1908:

Stephen Feron, Marble Setter, No. 1479 First avenue; Harry Packer, Marble Setter, No. 326 Cumberland street, Brooklyn; William Siler, Marble Setter, No. 418 East Seventy-seventh street; M. Barkley, Marble Setter, No. 623 Trinity avenue, Brooklyn; Michael McGowan, Marble Setter, No. 556 West Fifty-fourth street; Luke Felton, Foreman Marble Setter, No. 1142 Hancock street, Brooklyn.

DEPARTMENT OF BRIDGES.

November 23—Thomas R. C. West, No. 351 Tompkins avenue, Brooklyn, has been appointed Watchman at 25 cents per hour.

DEPARTMENT OF DOCKS AND FERRIES.

November 19—The Commissioner has fixed the pay of John Magrino, Dock Laborer, at the rate of \$18 per week, to take effect November 21, 1908.

The Municipal Civil Service Commission having approved the transfer of Martin Regan from the position of Laborer in the office of the President of the Borough of Manhattan to the position of Dock Laborer in this Department, the Commissioner has appointed said Martin Regan to the position of Dock Laborer at 3 1/4 cents per hour while employed.



OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 8020 Cortlandt. GEORGE B. McCLELLAN, Mayor. Frank M. O'Brien, Secretary. William A. Willis, Executive Secretary. James A. Riordon, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 8020 Cortlandt. Patrick Derry, Chief of Bureau.

BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 8020 Cortlandt. Francis V. S. Oliver, Jr., Chief of Bureau. Principal Office, Room 1, City Hall. Branch Office, Room 12, Borough Hall, Brooklyn. Branch Office, Richmond Borough Hall, Room 23, New Brighton, S. L. William R. Woelfle, Financial Clerk, Borough of Richmond. Branch Office, Hackett Building, Long Island City, Borough of Queens.

AQUEDUCT COMMISSIONERS.

Room 207, No. 280 Broadway, 5th floor, 9 a. m. to 4 p. m. Telephone, 1042 Worth. The Mayor, the Comptroller, ex-officio, Commissioners John F. Cowan (President), William H. Ten Eyck, John J. Ryan and John P. Windolph; Harry W. Walker, Secretary; Walter H. Sears, Chief Engineer.

ARMORY BOARD.

Mayor George B. McClellan, the President of the Board of Aldermen, Patrick F. McGowan, Brigadier General George Moore Smith, Brigadier General John G. Eddy, the President of the Department of Taxes and Assessments, Lawson Purdy, Harrie Davis, Secretary, Room 6, Basement, Hall of Records, Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 27. Telephone call, 1107 Cortlandt. Robert W. de Forest, Trustee Metropolitan Museum of Art, President; Frank D. Millet, Painter, Vice-President; Howard Mansfield, Secretary; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; George B. McClellan, Mayor of the City of New York; John Bigelow, President of New York Public Library; John J. Boyle, Sculptor; Arnold W. Brunner, Architect; John B. Pine, Charles Howland Russell. John Quincy Adams, Assistant Secretary.

BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue. Telephone, 4400 Madison Square. Board of Trustees—Dr. John W. Brannan, President; James K. Paulling, Secretary; Arden M. Robbins, Samuel Sachs, Leopold Stern, John J. Barry, John G. O'Keefe, Robert W. Heberd, ex-officio.

BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m. Telephone, 7560 Cortlandt. Patrick F. McGowan, President. P. J. Scully, City Clerk.

BOARD OF ASSESSORS.

Office, No. 120 Broadway, 9 a. m. to 4 p. m.; Saturdays, 12 m. Antonio Zucca. Paul Weismann. James H. Kennedy. William H. Jasper, Secretary. Telephone, 20, 30 and 31 Worth.

BOARD OF ELECTIONS.
 Headquarters, General Office, No. 127 West Forty-first Street.
 Commissioners—John T. Dooling (President), Charles B. Page (Secretary), Rudolph C. Fuller, James Kane.
 A. C. Allen, Chief Clerk.

BOROUGH OFFICES.

Manhattan.
 No. 112 West Forty-second street.
 William C. Baxter, Chief Clerk.

The Bronx.
 One Hundred and Thirty-eighth street and Mott avenue (Solinger Building).
 Cornelius A. Bunner, Chief Clerk.

Brooklyn.
 No. 42 Court street (Temple Bar Building).
 George Russell, Chief Clerk.

Queens.
 No. 46 Jackson avenue, Long Island City.
 Carl Voegel, Chief Clerk.

Richmond.
 Borough Hall, New Brighton, S. I.
 Charles M. Schwalbe, Chief Clerk.
 All offices open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

BOARD OF ESTIMATE AND APPORTIONMENT.
 The Mayor, Chairman; the Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

OFFICE OF THE SECRETARY.
 No. 277 Broadway, Room 1406 Telephone, 2225 Worth.
 Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Ador, Clerk to Board.

OFFICE OF THE CHIEF ENGINEER.
 Nelson P. Lewis, Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2225 Worth.
 Arthur S. Tuttle, Engineer in charge Division of Public Improvements, No. 277 Broadway, Room 1408. Telephone, 2225 Worth.
 Harry P. Nichols, Engineer in charge Division of Franchises, No. 277 Broadway, Room 801. Telephone, 2225 Worth.

BOARD OF EXAMINERS.
 Rooms 627 and 628 Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Telephone, 5240 Gramercy.
 Warren A. Conover, Charles Buck, Lewis Harding, Charles G. Smith, Edward F. Croker, Henry R. Marshall and George A. Just, Chairman.
 Edward V. Barton, Clerk.
 Board meeting every Tuesday at 2 p. m.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.
 Office, No. 142 East Twentieth street.
 John V. Cagney, Commissioner of Correction, President.
 Wm. E. Wyatt, Judge, Special Sessions, First Division.
 Robert J. Wilkin, Judge, Special Sessions, Second Division.
 James J. Walsh, City Magistrate, First Division.
 Edward J. Donley, City Magistrate, Second Division.
 Samuel B. Hamburger, John C. Heintz, Dominick Di Dario, James P. Boyle.
 Thomas R. Hlanick, Secretary.

BOARD OF REVISION OF ASSESSMENTS.
 Herman A. Metz, Comptroller.
 Francis K. Penleton, Corporation Counsel.
 Lawson Purdy, President of the Department of Taxes and Assessments.
 Henry J. Storrs, Chief Clerk, Finance Department, No. 226 Broadway.
 Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.
 Office, No. 277 Broadway.
 John A. Bense, Charles N. Chadwick, Charles A. Shaw, Commissioners.
 Thomas Hassett, Secretary.
 J. Waldo Smith, Chief Engineer.

COMMISSIONERS OF ACCOUNTS.
 Rooms 114 and 115 Stewart Building, No. 226 Broadway, 9 a. m. to 4 p. m.
 Telephone, 4215 Worth.
 John Purry Michel, Ernest Y. Gallaher, Commissioners.

CHANGE OF GRADE DAMAGE COMMISSION.
 TWENTY-THIRD AND TWENTY-FOURTH WARDS.
 Office of the Commission, Room 138, No. 226 Broadway (Stewart Building), Borough of Manhattan, New York City.
 Commissioners—William E. Stillings, George C. Norton, Lewis A. Abrams.
 Lambert McLoughlin, Clerk.
 Regular advertised meetings on Monday, Wednesday and Friday of each week at 2 o'clock p. m.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.
 City Hall, Rooms 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

CITY RECORD OFFICE.
 BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.
 Supervisor's Office, Park Row Building, No. 21 Park Row. Entrance, Room 207, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Telephone, 1265 and 1268 Cortlandt.
 Supply Room, No. 2, City Hall.
 Patrick J. Tracy, Supervisor; Henry McMillen, Deputy Supervisor; C. McKenna, Secretary.

COMMISSIONER OF LICENSES.
 Office, No. 277 Broadway.
 John N. Bogart, Commissioner.
 James P. Archibald, Deputy Commissioner.
 John J. Caldwell, Secretary.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Telephone, 2228 Worth.

COMMISSIONERS OF SINKING FUND.
 George B. McClellan, Mayor, Chairman; Herman A. Metz, Comptroller; James J. Martin, Chamberlain; Patrick F. McGowan, President of the Board of Aldermen; and Timothy P. Sullivan, Chairman Finance Committee, Board of Aldermen, Members: N. Taylor Phillips, Deputy Comptroller, Secretary; Office of Secretary, Room 12, Stewart Building. Telephone, 4200 Worth.

DEPARTMENT OF BRIDGES.
 Nos. 12-21 Park Row.
 James W. Stevenson, Commissioner.
 John H. Little, Deputy Commissioner.
 Edgar E. Schiff, Secretary.
 Office hours, 9 a. m. to 4 p. m.
 Saturdays, 9 a. m. to 12 m.
 Telephone, 6080 Cortlandt.

DEPARTMENT OF CORRECTION.
 CENTRAL OFFICE.
 No. 148 East Twentieth street. Office hours from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Telephone, 1247 Gramercy.
 John V. Cagney, Commissioner.
 George W. Meyer, Deputy Commissioner.
 John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.
 Pier "A," N. R., Battery place.
 Telephone, 325 Rector.
 Allen N. Spooner, Commissioner.
 Denis A. Judge, Deputy Commissioner.
 Joseph W. Savage, Secretary.
 Office hours, 9 a. m. to 4 p. m.; Saturdays, 12 m.

DEPARTMENT OF EDUCATION.
 BOARD OF EDUCATION.
 Park avenue and Fifth-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m. (In the month of August, 9 a. m. to 4 p. m.) Saturdays, 9 a. m. to 12 m.
 Telephone, 5580 Plaza.
 Richard B. Alderitt, Jr.; Nicholas J. Barrett, Charles R. Bruce, M. D.; Joseph E. Cosgrove, Frederic K. Conder, Francis W. Crowninshield, Francis P. Cannon, Thomas M. De Lancy, Samuel B. Donnelly, Horace E. Dresser, A. Leo Everell, Alexander Ferris, Joseph Nicola Francolini, George Freifeld, George J. Gillespie, John Greene, Lewis Haase, Robert L. Harrison, Louis Haupt, M. D., Thomas J. Higgins, Arthur Hullick, Charles H. Jagalla, Nathan S. Jonas, Hugo Kanzier, Max Katzenberg, John C. Kelley, Alrick H. Man, Clement March, Mitchell May Dennis J. McDonald, M. D., Thomas J. O'Donohue, Frank H. Partidge, George W. Schaeffe, Henry H. Sherman, Arthur S. Somers, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, George A. Vandenberg, Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.
 Egerton L. Winthrop, Jr., President.
 John Greene, Vice-President.
 A. Emerson Palmer, Secretary.
 Fred H. Johnson, Assistant Secretary.
 C. B. J. Snyder, Superintendent of School Buildings.
 Patrick Jumper, Superintendent of School Supplies.
 Henry R. M. Cook, Auditor.
 Thomas A. Dillon, Chief Clerk.
 Henry M. Leptiger, Supervisor of Lectures.
 Claude G. Leland, Superintendent of Libraries.

BOARD OF SUPERINTENDENTS.
 William H. Maxwell, City Superintendent of Schools, and Andrew W. Edson, John H. Haasen, Clarence E. Meleny, Thomas S. O'Brien, Edward B. Shallow, Edward L. Stevens, Gustave Straubmuller, John H. Walsh, Associate City Superintendents.

DISTRICT SUPERINTENDENTS.
 Darwin L. Bardwell, William A. Campbell, John J. Chickering, John W. Davis, John Dwyer, James M. Eusall, Matthew J. Elgas, Edward D. Farrell, Cornelius D. Franklin, John Griffin, M. D.; John L. N. Hunt, Henry W. Jameson, James Lee, Charles W. Lynn, James J. McCabe, William J. O'Shea, Julia Richman, Alfred T. Schaffer, Albert Stuels, Edgar Dubs Shimer, Seth T. Stewart, Edward W. Seitz, Grace C. Strachan, Joseph S. Taylor, Joseph H. Wade, Evangeline E. Whitney.

BOARD OF EXAMINERS.
 William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

DEPARTMENT OF FINANCE.
 Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Telephone, 1200 Worth.
 Herman A. Metz, Comptroller.
 John H. McCooey and N. Taylor Phillips, Deputy Comptrollers.
 Hubert L. Smith, Assistant Deputy Comptroller.
 Paul Loester, Secretary to Comptroller.

SALES DIVISION.
 H. J. Storrs, Chief Clerk, Room 11.

BOOKKEEPING AND AWARDS DIVISION.
 Frank W. Smith, Chief Accountant and Bookkeeper, Room 2.

STOCK AND BOND DIVISION.
 James J. Sullivan, Chief Stock and Bond Clerk, Room 25.

BUREAU OF AUDIT—MAIN DIVISION.
 F. H. Quinn, Chief Auditor of Accounts, Room 27.

LAW AND ADJUSTMENT DIVISION.
 Jeremiah T. Mahoney, Auditor of Accounts, Room 125.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.
 Charles S. Hervey, Supervising Statistician and Examiner, Room 125.

CHARITABLE INSTITUTIONS DIVISION.
 Daniel C. Fetter, Chief Examiner of Accounts of Institutions, Room 3.

OFFICE OF THE CITY PAYMASTER.
 No. 33 Chambers street and No. 45 Reade street.
 John H. Timmerman, City Paymaster.

ENGINEERING DIVISION.
 Stewart Building, Chambers street and Broadway, Chandler Withington, Chief Engineer, Room 23.

DIVISION OF REAL ESTATE.
 Mortimer J. Brown, Appraiser of Real Estate, Room 157.

BUREAU FOR THE COLLECTION OF TAXES.
 Borough of Manhattan—Stewart Building, Room O.

David E. Austin, Receiver of Taxes.
 John J. McDonough and William H. Loughran, Deputy Receivers of Taxes.
 Borough of the Bronx—Municipal Building, Third and Tremont avenues.
 John B. Underhill and Stephen A. Nugent, Deputy Receivers of Taxes.
 Borough of Brooklyn—Municipal Building, Rooms 2-8.
 James B. Bouck and William Gallagher, Deputy Receivers of Taxes.
 Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.
 George H. Creed and Mason O. Smedley, Deputy Receivers of Taxes.
 Borough of Richmond—Borough Hall, St. George, New Brighton.
 John De Morgan and F. Wisbey Owen, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan—Stewart Building, Room 1.
 Daniel Moyzahan, Collector of Assessments and Arrears.
 Richard E. Weldon, Deputy Collector of Assessments and Arrears.
 Borough of The Bronx—Municipal Building, Rooms 1-3.
 James J. Donovan, Jr., Deputy Collector of Assessments and Arrears.
 Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets.
 Thomas J. Drennan, Deputy Collector of Assessments and Arrears.
 Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.
 Patrick E. Leahy, Deputy Collector of Assessments and Arrears.
 Borough of Richmond—St. George, New Brighton.
 George Brand, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room 141.
 John M. Gray, Collector of City Revenue and Superintendent of Markets.
 John F. Hobbs, Deputy Superintendent of Markets.

David O'Brien, Deputy Collector of City Revenue.
 Frank J. Hrial, Chief Examiner. Room 121.

BUREAU OF THE CITY CHAMBERLAIN.
 Stewart Building, Chambers street and Broadway, Rooms 63 to 67.
 James J. Martin, City Chamberlain.
 Henry J. Walsh, Deputy Chamberlain.
 Telephone, 4200 Worth.

DEPARTMENT OF HEALTH.
 Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, 9 a. m. to 4 p. m.
 Burial Permit and Contagious Disease Offices always open.
 Telephone, 4000 Columbus.
 Thomas Darlington, M. D., Commissioner of Health and President.
 Alvah H. Doty, M. D.; Theodore A. Bingham, Commissioners.
 Eugene W. Scheffer, Secretary.
 Herman M. Biggs, M. D., General Medical Officer.
 James McC. Miller, Chief Clerk.
 Walter Bense, M. D., Sanitary Superintendent.
 William H. Guilford, M. D., Registrar of Records.
 Borough of Manhattan.

Alonzo Blauvelt, M. D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk.
 Charles J. Burke, M. D., Assistant Registrar of Records.

Borough of The Bronx, No. 3711 Third avenue.
 Alonzo Blauvelt, M. D., Acting Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Nos. 38 and 40 Clinton street.
 Travers R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.
 Alonzo Blauvelt, M. D., Acting Assistant Sanitary Superintendent; George R. Crowley, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, Nos. 54 and 56 Water street, Stapleton, Staten Island.
 John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk; J. Walter Wood, M. D., Assistant Registrar of Records.

DEPARTMENT OF PARKS.
 Henry Smith, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
 William J. Franzilli, Secretary.
 Offices, Arsenal, Central Park.
 Telephone, 201 Plaza.
 Michael J. Kennedy, Commissioner of Parks for the Boroughs of Brooklyn and Queens.
 Offices, Litchfield Mansion, Prospect Park, Brooklyn.
 Telephone, 3700 South.
 Joseph I. Berry, Commissioner of Parks for the Borough of The Bronx.
 Office, Zerkowski Mansion, Claremont Park.
 Office hours, 9 a. m. to 4 p. m.; Saturdays, 12 m.
 Telephone, 2640 Tremont.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.
 Foot of East Twenty-sixth street, 9 a. m. to 4 p. m. Saturdays, 12 m.
 Telephone, 330 Madison Square.
 Robert W. Fielder, Commissioner.
 Richard C. Baker, First Deputy Commissioner.
 Thomas W. Hynes, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn street, Brooklyn. Telephone, 2977 Main.
 J. McKee Borden, Secretary.
 Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 4 p. m.; Saturdays, 12 m.
 Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 8:30 a. m. to 4 p. m.
 The Children's Bureau, No. 56 Third avenue. Office hours, 8:30 a. m. to 4 p. m.
 Jeremiah Connelly, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island. Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.
 Nos. 13 to 21 Park row, 9 a. m. to 4 p. m.
 Telephone, 1261 Cortlandt.
 Foster Corwell, Commissioner.
 William H. Edwards, Deputy Commissioner, Borough of Manhattan.

Owan J. Murphy, Deputy Commissioner, Borough of Brooklyn.
 Jerome F. Reilly, Deputy Commissioner, Borough of The Bronx.
 John J. O'Brien, Chief Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.
 Hall of Records, corner of Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
 Commissioners—Lawson Purdy, President; Frank Raymond, James H. Tully, Charles Putzel, Hugh Hastings, Charles J. McCormack, John J. Halleran.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.
 Nos. 13 to 21 Park row, 9 a. m. to 4 p. m.
 Telephone, Manhattan, 8200 Cortlandt; Brooklyn, 3980 Main; Queens, 430 Greenpoint; Richmond, 94 Tompkinsville; Bronx, 62 Tremont.
 John H. O'Brien, Commissioner.
 M. F. Loughnan, Deputy Commissioner.
 John F. Garvey, Secretary to Department.
 I. M. de Varona, Chief Engineer.
 George W. Birdsall, Consulting Hydraulic Engineer.
 George F. Sever, Consulting Electrical Engineer.
 Charles F. Lacombe, Chief Engineer of Light and Power.
 Michael C. Padden, Water Register, Manhattan.
 William A. Hawley, Secretary to Commissioner.
 William C. Cozier, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.
 John W. McKay, Acting Chief Engineer, Brooklyn.
 William R. McGuire, Water Register, Brooklyn.
 Michael Hecht, Deputy Commissioner, Borough of The Bronx, Crotons Park Building, One Hundred and Seventy-seventh street and Third avenue.
 Thomas M. Lynch, Water Register, The Bronx.
 Charles C. Wissel, Deputy Commissioner, Borough of Queens, Hackett Building, Long Island City.
 John E. Bove, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.
 Bartholomew F. Donohue, President; John J. Moore, Secretary; John J. Dunn, Treasurer, ex-officio; Horace Loomis and Matthew E. Henly.
 Rooms Nos. 14, 15 and 16 Aldrich Building, Nos. 149 and 151 Church street.
 Office open during business hours every day in the year (except legal holidays). Examinations are held on Monday, Wednesday and Friday after 1 p. m.

FIRE DEPARTMENT.
 Office hours for all, except where otherwise noted, from 9 a. m. to 4 p. m.; Saturdays 12 m.

HEADQUARTERS.
 Nos. 157 and 159 East Sixty-seventh street, Manhattan.
 Telephone, 2230 Plaza, Manhattan; 2356 Main, Brooklyn.
 Nicholas J. Hayes, Commissioner.
 P. A. Whitney, Deputy Commissioner.
 Charles C. Wise, Deputy Commissioner, Boroughs of Brooklyn and Queens.
 William A. Larner, Secretary; Mark Levy, Secretary to the Commissioner; George F. Dudson, Jr., Secretary to the Deputy Commissioner, Boroughs of Brooklyn and Queens.
 Edward F. Croker, Chief of Department.
 Thomas Lally, Deputy Chief of

METROPOLITAN SEWERAGE COMMISSION.

Office, No. 17 Battery place. George H. Soper, Ph. D., President; James H. Purjes, Secretary; H. de B. Parsons, Charles Sooyanith, Linsly R. Williams, M. D.
Telephone, 1674 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.
Frank L. Polk, R. Ross Appleton, Arthur J. O'Keefe.
Frank A. Spencer, Secretary.
John F. Skelly, Assistant Secretary.
Labor Bureau.
Nos. 54 & Lafayette street.
Telephone, 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.
Patrick A. Whitney, Deputy Fire Commissioner and Chairman; William Montgomery, John Sherry, C. Andrade, Jr., Abram A. Breneman.
Francis S. Wolf, Secretary, Nos. 365-367 Jay street, Brooklyn.
Stated meeting, Friday of each week, at 2 p. m.
Telephone, 3520 Main.

POLICE DEPARTMENT.

CENTRAL OFFICE.
No. 300 Mulberry street, 9 a. m. to 4 p. m.
Telephone, 3100 Spring.
Theodore A. Bingham, Commissioner.
William F. Baker, First Deputy Commissioner.
Frederick B. Bugher, Second Deputy Commissioner.
Bert Hanson, Third Deputy Commissioner.
Daniel G. Slattery, Secretary to Commissioner.
William H. Klop, Chief Clerk.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.
Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.
Stated public meetings of the Commission, Tuesdays and Fridays at 11.30 a. m. in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.
Commissioners—William R. Willcox, Chairman; William McCarrall, Edward M. Bassett, Milo R. Matthe, John E. Eustis. Counsel, George S. Coleman. Secretary, Travis H. Whitney.
Telephone, 4150 Beekman.

TENEMENT HOUSE DEPARTMENT.

Manhattan Office, No. 44 East Twenty-third street. Telephone, 5331 Gramercy.
Edmond J. Butler, Commissioner.
Brooklyn Office (Boroughs of Brooklyn, Queens and Richmond), Temple Bar Building, No. 44 Court street.
Telephone, 3225 Main.
John McKeown, Second Deputy Commissioner.
Bronx Office, Nos. 2604, 2866 and 2868 Third Avenue.
Telephone, 977 Melrose.
William B. Calvert, Superintendent.

BOROUGH OFFICES.

BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Louis F. Hadley, President.
Henry A. Gumbleton, Secretary.
John F. Murray, Commissioner of Public Works.
John A. Hawkins, Assistant Commissioner of Public Works.
Josiah A. Briggs, Chief Engineer.
Frederick Gredler, Principal Assistant Topographical Engineer.
Charles H. Graham, Engineer of Sewers.
Thomas H. O'Neil, Superintendent of Sewers.
Samuel C. Thompson, Engineer of Highways.
Patrick J. Reville, Superintendent of Buildings.
John A. Mason, Assistant Superintendent of Buildings.
Peter J. Stumpf, Superintendent of Highways.
Albert H. Liebenau, Superintendent of Public Buildings and Offices.
Telephone, 66 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16 Borough Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Bird S. Cole, President.
Charles Frederick Adams, Secretary.
John A. Heffernan, Private Secretary.
Thomas R. Farrell, Commissioner of Public Works.
James M. Power, Secretary to Commissioner.
David E. Moore, Superintendent of Buildings.
James Dunne, Superintendent of the Bureau of Sewers.
Joseph M. Lawrence, Superintendent of the Bureau of Public Buildings and Offices.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
John F. Ahearn, President.
Bernard Downing, Secretary.
John Claugher, Commissioner of Public Works.
James J. Hagan, Assistant Commissioner of Public Works.
Edward S. Murphy, Superintendent of Buildings.
George F. Scannell, Superintendent of Highways.
Frank J. Goodwin, Superintendent of Sewers.
John R. Voorhis, Superintendent of Buildings and Offices. Telephone, 6725 Cortlandt.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City, 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.
Lawrence Giesmer, President.
John M. Crager, Secretary.
Alfred Dunton, Commissioner of Public Works.
Harry Sutphin, Assistant Commissioner of Public Works.
James P. Hicks, Superintendent of Highways.
Carl Berger, Superintendent of Buildings.
John J. Halleran, Superintendent of Sewers.
James E. Glavin, Superintendent of Street Cleaning.
Edward F. Kelly, Superintendent of Public Buildings and Offices.
Telephone, 1900 Greenpoint.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.
George Cronwell, President.
Maybory Fleming, Secretary.
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.
John Sexton, Superintendent of Buildings.
H. E. Bass, Superintendent of Highways.
John T. Fetherston, Superintendent of Street Cleaning.
Ernest H. Seehusen, Superintendent of Sewers.
John Timlin, Jr., Superintendent of Public Buildings and Offices.

George W. Tattle, Principal Assistant Engineer, Bureau of Engineering—Topographical.
Theodor S. Oxholm, Principal Assistant Engineer, Bureau of Engineering—Construction.
Offices—Borough Hall, New Brighton, N. Y., 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.
Telephone, 1000 Tompkinsville.

CORONERS.

Borough of The Bronx—Corner of Third avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.
Robert F. McDonald, A. F. Schwannecke.
William T. Austin, Chief Clerk.
Borough of Brooklyn—Office, Rooms 1 and 3 Municipal Building. Telephone, 4004 Main and 4005 Main.
Henry J. Brewer, M. D., John F. Kennedy.
Joseph McGuinness, Chief Clerk.
Open all hours of the day and night.
Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.
Coroners: Julius Harburger, Peter P. Arribelli, George P. Shady, Jr., Peter Dooley.
Julius Harburger, President Board of Coroners.
Jacob E. Bausch, Chief Clerk.
Telephones, 1094, 5057, 5058 Franklin.
Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.
Samuel D. Nutt, Alfred S. Ambler.
Martin Mager, Jr., Chief Clerk.
Office hours, from 9 a. m. to 10 p. m.
Borough of Richmond—No. 44 Second street, New Brighton. Open for the transaction of business all hours of the day and night.
Matthew J. Cahill.
Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.
Thomas Allison, Commissioner.
Matthew F. Neville, Assistant Commissioner.
Frederick P. Simpson, Assistant Commissioner.
Frederick O'Byrne, Secretary.
Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.
William S. Andrews, Commissioner.
James O. Farrell, Superintendent.
James J. Fleming, Jr., Secretary.
Telephone, 3900 Cortlandt.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court-house
Office hours from 9 a. m. to 4 p. m.
Peter J. Dooling, County Clerk.
John F. Curry, Deputy.
Joseph J. Glennon, Secretary.
Telephone, 870 Cortlandt.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.
Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Wm. Travers Jerome, District Attorney.
John A. Henneberry, Chief Clerk.
Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.
William M. Hoes, Public Administrator.
Telephone, 6376 Cortlandt.

REGISTER.

Hall of Records. Office hours from 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
Frank Gass, Register.
William H. Sinnott, Deputy Register.
Telephone, 3900 Cortlandt.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Thomas F. Foley, Sheriff.
John F. Gilchrist, Under Sheriff.
Telephone, 4984 Worth.

SURROGATES.

Hall of Records. Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
Abner C. Thomas and Charles H. Beckett, Surrogates; William V. Leary, Chief Clerk.

KINGS COUNTY.

COMMISSIONER OF JURORS.

3 County Court-house.
Jacob Brenner, Commissioner.
Jacob A. Livingston, Deputy Commissioner.
Albert B. Waldron, Secretary.
Office hours from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.
Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1454 Main.

COMMISSIONER OF RECORDS.

Hall of Records.
Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m., Saturdays 9 a. m. to 12 m.
Lewis M. Swasey, Commissioner.
D. H. Ralston, Deputy Commissioner.
Telephone, 1114 Main.
Thomas D. Moscrop, Superintendent.
William J. Beattie, Assistant Superintendent.
Telephone, 1082 Main.

COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Frank Ehlers, County Clerk.
Robert A. Sharkey, Deputy County Clerk.
John Cooper, Assistant Deputy County Clerk.
Telephone call, 4930 Main.

COUNTY COURT.

County Court-house, Brooklyn, Rooms 16, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I, Room No. 23; Part II, Room No. 16, Court-house. Clerk's Office, Rooms 17, 18 and 22, open daily from 9 a. m. to 4 p. m.; Saturdays, 12 m.
Norman S. Duke and Lewis L. Fawcett, County Judges.
Charles S. Devoy, Chief Clerk.
Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn.
Hours, 9 a. m. to 5 p. m.
John F. Clarke, District Attorney.
Telephone number, 2955-6-7—Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, 9 a. m. to 5 p. m.
Charles E. Teale, Public Administrator.
Telephone, 2540 Main.

REGISTER.

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August; then from 9 a. m. to 2 p. m., provided for by statute.
William A. Prendergast, Register.
Frederick H. E. Epstein, Deputy Register.
Telephone, 2830 Main.

SHERIFF.

County Court-house, Brooklyn, N. Y.
9 a. m. to 4 p. m.; Saturdays, m.
Alfred T. Hobbey, Sheriff.
Lewis M. Swasey, Under Sheriff.
Telephone, 6845, 6846, 6847, Main.

SURROGATE.

Hall of Records, Brooklyn, N. Y.
Herbert T. Kitcham, Surrogate.
Edward J. Bergen, Chief Clerk and Clerk of the Surrogate's Court.
Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays 9 a. m. to 12 m. Queens County Court-house, Long Island City.
John P. Balbert, Commissioner of Jurors.
Rodman Richardson, Assistant Commissioner.
Telephone, 455 Greenpoint.

COUNTY CLERK.

Jamaica, Fourth Ward, Borough of Queens, City of New York.
Office open, April 1 to October 1, 8 a. m. to 5 p. m.; October 1 to April 1, 9 a. m. to 5 p. m.; Saturdays throughout the year until 12 noon.
John Niederstein, County Clerk.
Henry J. Walter, Jr., Deputy County Clerk.
Frank L. Klugebeck, Secretary.
Telephone, 151 Jamaica.

COUNTY COURT.

Temporary County Court-house, Long Island City. County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August and first Saturday of September. County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.
Burt J. Humphray, County Judge.
Telephone, 286 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m.
Ira G. Durin, District Attorney.
Telephone, 39 Greenpoint.

PUBLIC ADMINISTRATOR.

No. 17 Cook avenue, Elmhurst.
John T. Robinson, Public Administrator, County of Queens.
Telephone, 335 Newtown.

SHERIFF.

County Court-house, Long Island City, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Herbert S. Harvey, Sheriff.
John M. Phillips, Under Sheriff.
Telephone, 43 Greenpoint (office).
Henry D. Schlotz, Warden, Queens County Jail.
Telephone, 373 Greenpoint.

SURROGATE.

Daniel Noble, Surrogate.
Office at Jamaica.
Except on Sundays, holidays and half holidays, the office is open between March 31 and July 1, from 8 a. m. to 5 p. m.; on Saturdays, from 8 a. m. to 12 m.; between July 1 and September 1, from 9 a. m. to 4 p. m.; on Saturdays, from 9 a. m. to 12 m.
The calendar is called on Tuesday of each week at 10 a. m., except during the month of August, when no court is held, and the court sits every day thereafter until all contested cases have been disposed of.
Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.
Charles J. Kullman, Commissioner.
John J. McCaughey, Assistant Commissioner.
Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.
Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.
C. L. Hostwick, County Clerk.
County Court-house, Richmond, S. I., 9 a. m. to 4 p. m.
Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1908.
County Courts—Stephen D. Stephens, County Judge.
First Monday of June, Grand and Trial Jury.
Second Monday of November, Grand and Trial Jury.
Fourth Wednesday of January, without a Jury.
Fourth Wednesday of February, without a Jury.
Fourth Wednesday of March, without a Jury.
Fourth Wednesday of April, without a Jury.
Fourth Wednesday of July, without a Jury.
Fourth Wednesday of September, without a Jury.
Fourth Wednesday of October, without a Jury.
Surrogate's Court—Stephen D. Stephens, Surrogate.
Mondays, at the Borough Hall, St. George, at 10.30 o'clock a. m.
Tuesdays, at the Borough Hall, St. George, at 10.30 o'clock a. m.
Wednesdays, at the Surrogate's Office, Richmond at 10.30 o'clock a. m.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.
Samuel H. Evans.
Telephone, 50 Tompkinsville.

SHERIFF.

County Court-house, Richmond, S. I.
Office hours, 9 a. m. to 4 p. m.
Joseph J. Barth.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.
Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 1 p. m.
Edward Patterson, Presiding Justice; George L. Ingraham, Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, James W. Houghton, Francis M. Scott, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.
Clerk's Office opens at 9 a. m.
Telephone, 3840 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court-house, Chambers street. Court open from 10.15 a. m. to 4 p. m.
Special Term, Part I (motions), Room No. 16.
Special Term, Part II (ex parte business), Room No. 13.
Special Term, Part III, Room No. 10.
Special Term, Part IV, Room No. 20.
Special Term, Part V, Room No. 6.
Special Term, Part VI (Elevated Railroad cases), Room No. 31.
Trial Term, Part II, Room No. 34.
Trial Term, Part III, Room No. 22.
Trial Term, Part IV, Room No. 21.
Trial Term, Part V, Room No. 24.
Trial Term, Part VI, Room No. 18.
Trial Term, Part VII, Room No. —.
Trial Term, Part VIII, Room No. 23.
Trial Term, Part IX, Room No. 35.
Trial Term, Part X, Room No. 26.
Trial Term, Part XI, Room No. 27.
Trial Term, Part XII, Room No. —.
Trial Term, Part XIII, and Special Term, Part VII, Room No. 36.
Trial Term, Part XIV, Room No. 28.
Trial Term, Part XV, Room No. 37.
Trial Term, Part XVI, Room No. —.
Trial Term, Part XVII, Room No. 20.
Trial Term, Part XVIII, Room No. 29.
Appellate Term, Room No. 29.
Naturalization Bureau, Room No. 38, third floor.
Assignment Bureau, room on mezzanine floor, northeast.
Clerks in attendance from 10 a. m. to 4 p. m.
Clerk's Office, Special Term, Part I (motions), Room No. 15.
Clerk's Office, Special Term, Part II (ex parte business), ground floor, southeast corner.
Clerk's Office, Special Term, Calendar, ground floor, south.
Clerk's Office, Trial Term, Calendar, room northeast corner, second floor, east.
Clerk's Office, Appellate Term, room southwest corner, third floor.
Trial Term, Part I (criminal business), Criminal Court-house, Centre street.
Justices—Charles H. Traas, Charles F. MacLean, Henry Bischoff, Jr., Leonard A. Gingerich, P. Henry Dugro, Henry A. Gildersleeve, James Fitzgerald, James A. O'Gorman, James A. Blanchard, Edward S. Clinch, Samuel Greenbaum, Edward E. McGill, Edward B. Amend, Vernon M. Davis, Victor J. Dowling, Joseph Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek, Peter A. Hendrick, John Ford, Charles W. Dayton, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard.
Peter J. Dooling, Clerk, Supreme Court.
Telephone, 4586 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.
Court open daily from 10 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions.
James F. Melrose, General Clerk.
Telephone, 3460 Main.

CRIMINAL DIVISION—SUPREME COURT.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
Peter J. Dooling, Clerk; Edward H. Carroll, Special Deputy to the Clerk.
Clerk's Office open from 9 a. m. to 4 p. m.
Telephone, 6064 Franklin.

COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
Thomas C. T. Crain, Otto A. Rosalsky, Warren W. Foster, Thomas C. O'Sullivan, Edward Swann, Joseph F. Mulqunen, James T. Malone, Judges of the Court of General Sessions. Edward R. Carrull, Clerk. Telephone, 1201 Franklin.
Clerk's Office open from 9 a. m. to 4 p. m.
During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.
Part I.
Part II.
Part III.
Part IV.
Part V.
Part VI.
Part VII.
Part VIII.
Special Term Chambers will be held from 10 a. m. to 4 p. m.
Clerk's Office open from 9 a. m. to 4 p. m.
Edward F. O'Dwyer, Chief Justice; Lewis J. Conlan, Francis B. Deleantny, Joseph J. Green, Alexander Finesitt, Thomas F. Donnelly, John V. McAvoy, Peter Schmuck, Justices. Thomas F. Smith, Clerk.
Telephone, 6122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street between Franklin and White streets, Borough of Manhattan.
Court opens at 10 a. m.
Justices—First Division—William E. Wyatt, Wilford H. Olmsted, Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Charles W. Calkin, Clerk; William M. Fuller, Deputy Clerk.
Clerk's Office open from 9 a. m. to 4 p. m.
Telephone, 2092 Franklin, Clerk's office.
Telephone, 601 Franklin, Justices' chambers.
Second Division—Trial Days—No. 171 Atlantic avenue, Brooklyn, Mondays, Wednesdays and Fridays at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesday at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursday at 10 o'clock.
Justices—Howard J. Forker, John Fleming, Morgan M. L. Ryan, Robert J. Wilkin, George J. O'Keefe, James J. McInerney, Joseph L. Kerrigan, Clerk; John J. Dorman, Deputy Clerk.

Clark's Office, No. 171 Atlantic avenue, Borough of Brooklyn, open from 9 a. m. to 4 p. m.

CHILDREN'S COURT.

First Division—No. 66 Third avenue, Manhattan. Ernest K. Coulter, Clerk. Telephone, 3353 Stuyvesant.

CITY MAGISTRATES' COURT.

First Division. Court opens from 9 a. m. to 4 p. m. City Magistrates—Robert C. Cornell, Leroy R. Crane, Peter T. Barlow, Matthew P. Breen, Joseph E. Moss, James J. Walsh, Henry Steinert, Daniel E. Finn, Frederick B. House, Charles N. Harris, Frederick Kerckhoff, Arthur C. Butts, Otto H. Druge, Joseph E. Corrigan, Moses Herman, Paul Kneal.

Second Division.

Borough of Brooklyn. City Magistrates—Edward J. Drayley, James G. Tiche, John Naumber, E. G. Hightobotham, Frank E. O'Reilly, Henry J. Purlong, Alfred L. Steers, A. V. B. Voehnes, Jr., Alexander H. Geismar, John F. Hyatt.

Courts.

First District—No. 115 Adams street. Second District—Court and Butler streets. Third District—Myrtle and Vandoverblt avenues. Fourth District—No. 6 Lee avenue.

Borough of Queens.

City Magistrates—Matthew J. Smith, Joseph Elch, Maurice E. Connolly, Eugene C. Gilroy.

Courts.

First District—St. Mary's Lyceum, Long Island City. Second District—Town Hall, Flushing, L. I. Third District—Central avenue, Far Rockaway, L. I.

Borough of Richmond.

City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette place, New Brighton, Staten Island. Second District—Village Hall, Stapleton, Staten Island.

MUNICIPAL COURTS.

Borough of Manhattan. First District—The First District embraces the territory bounded on the south and west by the southern and westerly boundaries of the said borough, on the north by the center line of Fourteenth street and the center line of Fifth street from the Bowery to Second avenue, on the east by the center line of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catherine street.

Second District—The Second District embraces the territory bounded on the south by the center line of Fifth street from the Bowery to Second avenue and on the north and east by the southern and westerly boundaries of the said borough, on the north by the center line of East Fourteenth street, on the west by the center line of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catherine street.

Third District—The Third District embraces the territory bounded on the south by the center line of Fourteenth street, on the east by the center line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the center line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the center line of Sixty-fifth street and the center line of Fifty-ninth street from Seventh to Eighth avenues, on the west by the westerly boundary of the said borough.

Fourth District—The Fourth District embraces the territory bounded on the south by the center line of East Fourteenth street, on the west by the center line of Lexington avenue and by the center line of Irving place, including its projection through Gramercy Park, on the north by the center line of Fifty-sixth street, on the east by the easterly line of said borough, including, however, any portion of Blackwell's Island.

Fifth District—The Fifth District embraces the territory bounded on the south by the center line of Sixty-fifth street, on the east by the center line of Central Park West, on the north by the center line of One Hundred and Tenth street, on the west by the westerly boundary of said borough, including, however, all of Blackwell's Island and excluding any portion of Ward's Island.

Sixth District—The Sixth District embraces the territory bounded on the south by the center line of Fifty-ninth street and by the center line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the center line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the center line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the center line of One Hundred and Tenth street, on the east by the westerly boundary of said borough, including, however, all of Blackwell's Island and excluding any portion of Ward's Island.

Seventh District—The Seventh District embraces the territory bounded on the south by the center line of One Hundred and Tenth street, on the east by the center line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of the course of the Harlem river, on a line continuous with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.

Line of One Hundred and Tenth street, on the west by the westerly boundary of said borough. Alfred P. W. Swann, William Young, Frederick Spigelberg, Justices. James V. Gilliam, Clerk; John H. Serris, Deputy Clerk.

Location of Court—Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 226 Riverside.

Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 4343 79-St.

Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 3975 Harlem.

Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 3975 Harlem.

Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 2873 Plaza.

Location of Court—Town Hall, Main street, Westchester Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week. Peter A. Shell, Justice. Stephen Collins, Clerk. Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m. Telephone, 457 Westchester.

Location of Court—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton. George W. Stake, Justice. Peter Terman, Clerk. Clerk's Office open from 9 a. m. to 4 p. m. Calendar called at 10 a. m. Court continued until close of business. Trial days, Mondays, Wednesdays and Fridays. Telephone, 313 Tompkinsville.

Location of Court—No. 47 Second avenue, northwest corner of Second avenue and Twenty-third street. Part II, No. 151 East City seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 450 Gramercy.

Location of Court—Part I, No. 47 Second avenue, northwest corner of Second avenue and Twenty-third street. Part II, No. 151 East City seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 450 Gramercy.

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Willoughby avenue between the center lines of Bushwick avenue and Broadway. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn. Philip D. Meagher and William J. Bogenshutz, Justices. John W. Carpenter, Clerk. Clerk's Office open from 9 a. m. to 4 p. m. Court opens at 9 a. m.

Court-room, No. 14 Howard avenue. Thomas H. Williams, Justice; G. J. Wiederhold, Clerk. Milton L. Williams, Assistant Clerk. Clerk's Office open from 9 a. m. to 4 p. m.

Court-room, No. 31 Pennycuik avenue. Alexander S. Rosenthal and Edward A. Richards, Justices. Samuel F. Brothers, Clerk. Court-house, corner Pennsylvania avenue and Fulton street (No. 31 Pennycuik avenue). Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays. Jury days, Wednesdays and Thursdays. Telephone, 904 East New York.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Court-house, Town Hall, Jamaica. Telephone, 176 Jamaica. Clerk's Office open from 9 a. m. to 4 p. m. Court held on Mondays, Wednesdays and Fridays at 9 a. m.

LONGING TO THE CITY. SUPPLYING NEW LAMPS WHEN REQUIRED AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING ON THE STREETS, AVENUES, PARKS AND PUBLIC PLACES FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING NAPHTHA OR SIMILAR ILLUMINATING MATERIAL FOR THE PUBLIC LAMPS USING SAME, AND FOR FURNISHING LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING SUCH LAMPS, SUPPLYING NAPHTHA, ETC. FOR NEW LAMPS, FOR FURNISHING NEW LAMPS AS REQUIRED, REPAIRS TO LAMP-POSTS, AND FOR FURNISHING BURNERS AND APPLIANCES OF IMPROVED SYSTEM OF LIGHTING STREETS, AVENUES, PARKS AND PUBLIC PLACES FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE CITY OF NEW YORK. The amount of the security required is twenty-five per cent. (25%) of the amount of the bid or estimate, except "for furnishing gas lamps," where the security required is fifty per cent. (50%) of the amount of the bid or estimate.

FOR FURNISHING AND MAINTAINING ELECTRIC LAMPS FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE CITY OF NEW YORK. The amount of the security required is twenty-five per cent. (25%) of the amount of the bid or estimate, except "for furnishing gas lamps," where the security required is fifty per cent. (50%) of the amount of the bid or estimate.

FOR FURNISHING GAS LAMPS, ETC. ON THE STREETS, AND SO ON, AND FOR CONNECTING, LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING THE SAME, AND ALSO LAMPS BELONGING TO THE CITY, SUPPLYING NEW LAMPS WHEN REQUIRED, AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING ON THE STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING NAPHTHA OR SIMILAR ILLUMINATING MATERIAL FOR THE PUBLIC LAMPS USING SAME, AND FOR FURNISHING LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING SUCH LAMPS, SUPPLYING NAPHTHA, ETC. FOR NEW LAMPS, FOR FURNISHING NEW LAMPS AS REQUIRED, REPAIRS TO LAMP-POSTS, AND FOR FURNISHING BURNERS AND APPLIANCES OF IMPROVED SYSTEM OF LIGHTING STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC. FOR NEW LAMPS WHEN REQUIRED FOR MAKING CERTAIN REPAIRS TO LAMP-POSTS, AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

FOR FURNISHING GAS LAMPS, ETC. ON THE STREETS, AND SO ON, AND FOR CONNECTING, LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING THE SAME, AND ALSO LAMPS BELONGING TO THE CITY, SUPPLYING NEW LAMPS WHEN REQUIRED, AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING ON THE STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING NAPHTHA OR SIMILAR ILLUMINATING MATERIAL FOR THE PUBLIC LAMPS USING SAME, AND FOR FURNISHING LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING SUCH LAMPS, SUPPLYING NAPHTHA, ETC. FOR NEW LAMPS, FOR FURNISHING NEW LAMPS AS REQUIRED, REPAIRS TO LAMP-POSTS, AND FOR FURNISHING BURNERS AND APPLIANCES OF IMPROVED SYSTEM OF LIGHTING STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC. FOR NEW LAMPS WHEN REQUIRED FOR MAKING CERTAIN REPAIRS TO LAMP-POSTS, AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

FOR FURNISHING GAS LAMPS, ETC. ON THE STREETS, AND SO ON, AND FOR CONNECTING, LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING THE SAME, AND ALSO LAMPS BELONGING TO THE CITY, SUPPLYING NEW LAMPS WHEN REQUIRED, AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING ON THE STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING NAPHTHA OR SIMILAR ILLUMINATING MATERIAL FOR THE PUBLIC LAMPS USING SAME, AND FOR FURNISHING LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING SUCH LAMPS, SUPPLYING NAPHTHA, ETC. FOR NEW LAMPS, FOR FURNISHING NEW LAMPS AS REQUIRED, REPAIRS TO LAMP-POSTS, AND FOR FURNISHING BURNERS AND APPLIANCES OF IMPROVED SYSTEM OF LIGHTING STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC. FOR NEW LAMPS WHEN REQUIRED FOR MAKING CERTAIN REPAIRS TO LAMP-POSTS, AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

For furnishing gas regulators in public buildings in the City of New York, in the Boroughs of Manhattan and The Bronx.

FOR FURNISHING STEAM FOR HEATING OR POWER PURPOSES TO CERTAIN PUBLIC BUILDINGS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

For furnishing steam to public buildings in the City of New York, in the Boroughs of Manhattan and The Bronx.

The amount of security required for furnishing gas regulators is fifty per cent. (50%) of the amount of the bid or estimate.

For furnishing steam the amount of security required is twenty-five per cent. (25%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules, per regulator, in the contract for gas regulators, and per thousand pounds of steam, as measured on a meter, or per building per month, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 1510 Park Row Building, JOHN H. O'BRIEN, Commissioner, New York, November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 P. M. ON

MONDAY, DECEMBER 7, 1908.

FOR FURNISHING, PUTTING IN PLACE AND MAINTAINING ONE HUNDRED AND EIGHTY-TWO (182) GAS REGULATORS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

For furnishing gas regulators in public buildings in the Borough of Brooklyn, The City of New York.

The amount of security required for furnishing gas regulators is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules, per regulator, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 1510 Park Row Building, JOHN H. O'BRIEN, Commissioner, New York, November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 O'CLOCK P. M. ON

MONDAY, DECEMBER 7, 1908.

FOR FURNISHING, INSTALLING, MAINTAINING AND RESERVING FOR THE USE OF THE HIGH PRESSURE FIRE SERVICE ALL APPARATUS AND EQUIPMENT NECESSARY FOR GENERATING AND TRANSMITTING 1,320 KILOWATTS OF THREE-PHASE, 7,600-VOLT, 25-CYCLE ELECTRIC POWER, AND FURNISHING AND DELIVERING THIS POWER UNDER THE TERMS OF THIS CONTRACT, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE, AT EACH OF THE HIGH PRESSURE FIRE SERVICE PUMPING STATIONS LOCATED IN THE BOROUGH OF BROOKLYN, AT FURMAN AND GORAMON STREETS AND AT WILLOUGHBY AND ST. EDWARDS STREETS RESPECTIVELY.

The time allowed for the furnishing, installing, and so on, of the apparatus and equipment necessary under the terms of this contract for each of the high pressure fire service pumping stations, located as above, is one hundred and eighty (180) calendar days.

The amount of security required for furnishing the above is Thirty Thousand Dollars (\$30,000).

The bidder will state the price of each item or article contained in the specifications or schedules, and in the contract for the furnishing, and so on, of the apparatus, equipment and power required, as measured by meter or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 1510 Park Row Building, JOHN H. O'BRIEN, Commissioner, New York, November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 O'CLOCK P. M. ON

MONDAY, DECEMBER 7, 1908.

FOR FURNISHING, INSTALLING, MAINTAINING AND RESERVING FOR THE USE OF THE HIGH PRESSURE FIRE SERVICE ALL APPARATUS AND EQUIPMENT NECESSARY FOR GENERATING AND TRANSMITTING 3,000 KILOWATTS OF THREE-PHASE, 6,600-VOLT, 25-CYCLE ELECTRIC POWER, AND FURNISHING AND DELIVERING THIS POWER, UNDER THE TERMS OF THIS CONTRACT, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE, AT EACH OF THE HIGH PRESSURE FIRE SERVICE PUMPING STATIONS LOCATED IN THE BOROUGH OF MANHATTAN, AT OLIVER AND SOUTH STREETS AND AT GANSEVOORT AND WEST STREETS RESPECTIVELY.

The time allowed for the furnishing, installing, and so on, of the apparatus and equipment necessary under the terms of this contract for each of the high pressure fire service pumping stations, located as above, is one hundred and eighty (180) calendar days.

The amount of security required for furnishing the above is Thirty Thousand Dollars (\$30,000).

The bidder will state the price of each item or article contained in the specifications or schedules, and in the contract for the furnishing, and so on, of the apparatus, equipment and power required, as measured by meter or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 1510 Park Row Building, JOHN H. O'BRIEN, Commissioner, New York, November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 O'CLOCK P. M. ON

WEDNESDAY, NOVEMBER 25, 1908.

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING PIG LEAD.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) calendar days.

The amount of security shall be Four Thousand Dollars (\$4,000).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule, by which the bids will be tested.

The bids will be compared and the contract awarded for all the work, articles, materials and supplies contained in the specifications or schedule attached thereto.

Bidders are requested to make their bids or estimates upon the blank form prepared by said Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1510, No. 21 Park Row, New York City. The plans, if any, which are made a part of the specifications, may be seen and any further information obtained at the office of the Department for the Borough of Brooklyn, Room 25, Municipal Building.

JOHN H. O'BRIEN, Commissioner of Water Supply, Gas and Electricity, The City of New York, November 9, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 P. M. ON

MONDAY, DECEMBER 7, 1908.

FOR FURNISHING, PUTTING IN PLACE AND MAINTAINING ONE HUNDRED AND EIGHTY-TWO (182) GAS REGULATORS, FROM JANUARY 1, 1909, TO DECEMBER 31, 1909, BOTH INCLUSIVE.

For furnishing gas regulators in public buildings in the Borough of Brooklyn, The City of New York.

The amount of security required for furnishing gas regulators is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules, per regulator, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 1510 Park Row Building, JOHN H. O'BRIEN, Commissioner, New York, November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1510, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF WATER SUPPLY, GAS AND ELECTRICITY AT THE ABOVE OFFICE UNTIL 2 O'CLOCK P. M. ON

MONDAY, DECEMBER 7, 1908.

Borough of The Bronx.

No. 2. FOR THE ERECTION OF OUTSIDE STONE STAIRS, ETC., AT PUBLIC SCHOOL, 38, ANJONY AND TREMONT AVENUES AND MOUNT HOPE PLACE, BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is Four Hundred Dollars.

Borough of Manhattan.

No. 3. FOR INSTALLING HEATING APPARATUS IN THE NAUTICAL SCHOOL, ON THE RECREATION PIER, AT THE FOOT OF EAST TWENTY-FOURTH STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 20 working days, as provided in the contract.

The amount of security required is One Thousand Dollars.

Borough of Queens.

No. 4. FOR GLASS TO BE FURNISHED TO THE VARIOUS SCHOOLS IN THE BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 30 working days, as provided in the contract.

The amount of security required is Four Hundred Dollars.

The bid to be submitted must include the entire work on all schools and award will be made thereon.

On Nos. 2, 3 and 4 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, ninth floor, Hall of the Board of Education, Park Avenue and Fifty-ninth street, Borough of Manhattan, also at branch office, No. 69 Broadway, Flushing, Borough of Queens, for work for their respective Boroughs.

C. B. J. SNYDER, Superintendent of School Buildings, Dated November 25, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE SUPERINTENDENT OF SCHOOL BUILDINGS AT THE ABOVE OFFICE OF THE DEPARTMENT OF EDUCATION UNTIL 3 P. M. ON

MONDAY, DECEMBER 7, 1908.

Borough of Brooklyn.

No. 1. FOR GLASS TO BE FURNISHED TO THE VARIOUS SCHOOLS IN THE BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 30 working days, as provided in the contract.

The amount of security required is Twenty-six Hundred Dollars.

The bid to be submitted must include the entire work on all schools and award will be made thereon.

On No. 1 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, ninth floor, Hall of the Board of Education, Park Avenue and Fifty-

ninth street, Borough of Manhattan, also at branch office, No. 741 Livingston street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings, Dated November 24, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, ONE HUNDRED AND SEVENTY-SEVENTH STREET AND THIRD AVENUE.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF THE BRONX AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M. ON

TUESDAY, DECEMBER 1, 1908.

No. 1. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF ONE HUNDRED AND SIXTY-FIFTH STREET, BETWEEN WEBSTER AVENUE AND MORRIS AVENUE, AND THE ROADWAY OF CLAY AVENUE, BETWEEN ONE HUNDRED AND SIXTY-FOURTH AND ONE HUNDRED AND SIXTY-FIFTH STREETS, AND RESETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

5,120 square yards of completed asphalt block pavement, and keeping the same in repair for one year from date of acceptance.

883 cubic yards of concrete, including mortar bed.

3,725 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be Six Thousand Dollars.

No. 2. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF EAST ONE HUNDRED AND SEVENTY-NINTH STREET, FROM JEROME AVENUE TO MORRIS AVENUE, AND WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION, FROM MORRIS AVENUE TO GRAND BOULEVARD AND CONCOURSE, AND SETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

1,800 square yards of completed asphalt block pavement, and keeping the same in repair for one year from date of acceptance.

615 cubic yards of concrete, including mortar bed.

300 linear feet of new curbstones, furnished and set in concrete.

1,600 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

1,825 square yards new granite block pavement on a concrete foundation, laid with paving cement joints, and keeping the same in repair for one (1) year from date of acceptance.

The time allowed for the completion of the work will be 40 consecutive working days.

The amount of security required will be Four Thousand Dollars.

No. 3. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF ELM PLACE, BETWEEN EAST ONE HUNDRED AND EIGHTY-NINTH STREET AND KINGSBRIDGE ROAD, AND SETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

1,700 square yards of completed asphalt block pavement, and keeping the same in repair for one year from date of acceptance.

250 cubic yards of concrete, including mortar bed.

300 linear feet of new curbstones, furnished and set in concrete.

885 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

The time allowed for the completion of the work will be 20 consecutive working days.

The amount of security required will be One Thousand Five Hundred Dollars.

No. 4. FOR REPAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF EAST ONE HUNDRED AND FIFTY-SECOND STREET (ROSE STREET), BETWEEN BERGEN AVENUE AND BROOK AVENUE, AND SETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

1,200 square yards of completed asphalt block pavement and keeping the same in repair for one year from date of acceptance.

110 cubic yards of concrete, including mortar bed.

100 linear feet of new curbstones, furnished and set in concrete.

300 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be One Thousand Dollars.

No. 5. FOR REPAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF JENNINGS STREET, FROM UNION AVENUE TO PROSPECT AVENUE, AND SETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

1,200 square yards of completed asphalt block pavement and keeping the same in repair for one year from date of acceptance.

190 cubic yards of concrete, including mortar bed.

400 linear feet of new curbstones, furnished and set in concrete.

680 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

1,780 square yards of old paving blocks, to be purchased and removed by contractor.

The amount bid for this item will be deducted from the payment on acceptance.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be Two Thousand Dollars.

No. 7. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF EAST ONE HUNDRED AND THIRTY-NINTH STREET, BETWEEN ST. ANNS AVENUE AND CYPRESS AVENUE, AND SETTING CURB WHERE NECESSARY.

The Engineer's estimate of the work is as follows:

2,875 square yards of completed asphalt block pavement, and keeping the same in repair for one year from date of acceptance.

465 cubic yards of concrete, including mortar bed.

400 linear feet of new curbstones, furnished and set in concrete.

1,340 linear feet of old curbstones, rejoined, reset on top and reset in concrete.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be Three Thousand Dollars.

No. 8. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS AND BUILDING APPROACHES IN GARRISON AVENUE, FROM WHITTIER STREET TO A POINT 50 FEET EAST FROM THE EASTERN LINE OF EDGEWATER ROAD.

The Engineer's estimate of the work is as follows:

10,300 cubic yards of filling.

650 linear feet of new curbstones, furnished and set.

2,100 square feet of new flagging, furnished and laid.

1,000 square feet of new bridgestone for crosswalks, furnished and laid.

100 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

A lump sum to cover the cost of all material striking or settling below the elevation of ground shown on plan.

The time allowed for the completion of the work will be 30 working days.

The amount of security required will be Three Thousand Dollars.

No. 9. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN MOHEGAN AVENUE, FROM EAST ONE HUNDRED AND SEVENTY-FIFTH STREET TO EAST ONE HUNDRED AND SEVENTY-SIXTH STREET.

The Engineer's estimate of the work is as follows:

2,300 cubic yards of earth excavation.

350 cubic yards of rock excavation.

400 cubic yards of filling.

775 linear feet of new curbstones, furnished and set.

1,150 square feet of new flagging, furnished and laid.

225 square feet of new bridgestone for crosswalks, furnished and laid.

100 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

The time allowed for the completion of the work will be 30 working days.

The amount of security required will be One Thousand Five Hundred Dollars.

No. 10. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN WEST ONE HUNDRED AND SIXTY-SECOND STREET, FROM SEAMONT AVENUE TO OGDEN AVENUE.

The Engineer's estimate of the work is as follows:

1,400 cubic yards of earth excavation.

2,000 cubic yards of rock excavation.

475 linear feet of new curbstones, furnished and set.

1,150 square feet of new flagging, furnished and laid.

20 linear feet of vitrified sewerware pipe, 12 inches in diameter.

The time allowed for the completion of the work will be 30 working days.

The amount of security required will be Two Thousand Dollars.

No. 11. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN MOSHOLE PARKWAY, BETWEEN MOSHOLE PARKWAY SOUTH, NEAR JEROME AVENUE, AND MOSHOLE PARKWAY NORTH, AT THE INTERSECTION OF JEROME AVENUE AND MOSHOLE PARKWAY NORTH, AND IN JEROME AVENUE, BETWEEN MOSHOLE PARKWAY NORTH AND EAST TWO HUNDRED AND EIGHTH STREET, AND IN MOSHOLE PARKWAY NORTH, BETWEEN JEROME AVENUE AND GATES PLACE, KNOX PLACE, BETWEEN MOSHOLE PARKWAY NORTH AND GUN HILL ROAD, GATES PLACE, BETWEEN MOSHOLE PARKWAY NORTH AND GUN HILL ROAD, EAST TWO HUNDRED AND EIGHTH STREET, BETWEEN JEROME AVENUE AND WOODLAWN ROAD, EAST TWO HUNDRED AND TENTH STREET, BETWEEN DE KALE AVENUE AND WOODLAWN ROAD, DE KALE AVENUE, BETWEEN EAST TWO HUNDRED AND EIGHTH STREET AND GUN HILL ROAD, ROSS 7TH PLACE, BETWEEN MOSHOLE PARKWAY NORTH AND DE KALE AVENUE, STEUBEN AVENUE, BETWEEN MOSHOLE PARKWAY NORTH AND GUN HILL ROAD, VAN CORTLANDT AVENUE, BETWEEN MOSHOLE PARKWAY NORTH AND ROCHAMBEAU AVENUE, ROCHAMBEAU AVENUE, BETWEEN VAN CORTLANDT AVENUE AND GUN HILL ROAD.

The Engineer's estimate of the work is as follows:

400 linear feet of concrete sewer, 7 feet 6 inches in diameter.

308 linear feet of concrete sewer, 3 feet 9 inches in diameter.

890 linear feet of pipe sewer, 24-inch.

144 linear feet of pipe sewer, 24-inch.

3,313 linear feet of pipe sewer, 18-inch.

2,705 linear feet of pipe sewer, 16-inch.

4,090 linear feet of pipe sewer, 12-inch.

1,212 spurs for house connections, over and above the rest per linear foot of sewer.

124 manholes, complete.

26 receiving basins, complete.

9,200 cubic yards of rock to be excavated and removed.

10 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

10 cubic yards of broken stone for foundations, in place.

75,000 feet (16. M.) of timber for foundations, furnished and laid, and setting furnished and left in place.

50 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 400 working days.

The amount of security required will be Forty-five Thousand Dollars.

No. 12. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN MOSHOLD AVENUE, BETWEEN BROADWAY AND VON HUMBOLDT AVENUE, AT ITS INTERSECTION WITH WEST TWO HUNDRED AND FIFTY-FOURTH STREET.

The Engineer's estimate of the work is as follows:

241 linear feet of concrete sewer, 2 feet 9 inches diameter.

1,863 linear feet of pipe sewer, 30-inch.

594 linear feet of pipe sewer, 18-inch.

372 linear feet of pipe sewer, 15-inch.

206 linear feet of pipe sewer, 12-inch.

125 square feet for house connections, over and above the cost per linear foot of sewer.

17 manholes, complete.

1 receiving basin, complete.

4,100 cubic yards of rock, to be excavated and removed.

70 cubic yards of Class "B" concrete in place, additional to that shown on the plan.

25 cubic yards of broken stone, for foundations in place.

2,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

50 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 225 working days.

The amount of security required will be Thirteen Thousand Dollars.

No. 13. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN JEROME AVENUE, BETWEEN EAST TWO HUNDRED AND EIGHTH STREET AND SUMMIT NORTH OF GUN HILL ROAD.

The Engineer's estimate of the work is as follows:

310 linear feet of pipe sewer, 18-inch.

712 linear feet of pipe sewer, 15-inch.

340 linear feet of pipe sewer, 12-inch.

182 square feet for house connections, over and above the cost per linear foot of sewer.

14 manholes, complete.

1 receiving basin, complete.

7,100 cubic yards of rock, to be excavated and removed.

5 cubic yards of Class "B" concrete in place, additional to that shown on the plan.

3,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

10 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 200 working days.

The amount of security required will be Five Thousand Dollars.

No. 14. FOR CONSTRUCTING RECEIVING BASINS AT THE NORTHEAST AND SOUTH-EAST CORNERS OF WALTON AVENUE AND EAST ONE HUNDRED AND SIXTY-NINTH STREET.

The Engineer's estimate of the work is as follows:

47 linear feet of pipe culvert, 12-inch.

4 receiving basins, complete.

7 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

The time allowed for the completion of the work will be 4 working days.

The amount of security required will be Two Hundred Dollars.

No. 15. FOR CONSTRUCTING A RECEIVING BASIN AND APPURTENANCES AT THE SOUTHWESTERN CORNER OF IRVING PLACE AND GARRISON AVENUE.

The Engineer's estimate of the work is as follows:

47 linear feet of pipe culvert, 12-inch.

4 receiving basins, complete.

7 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

The time allowed for the completion of the work will be 4 working days.

The amount of security required will be One Hundred and Fifty Dollars.

No. 16. FOR CONSTRUCTING RECEIVING BASINS AND APPURTENANCES AT THE NORTHEAST, SOUTHWEST, NORTHWEST AND SOUTHWEST CORNERS OF EAST ONE HUNDRED AND FORTY-SECOND STREET AND BOBINS AVENUE.

The Engineer's estimate of the work is as follows:

51 linear feet of pipe culvert, 12-inch.

4 receiving basins, complete.

7 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

The time allowed for the completion of the work will be 17 working days.

The amount of security required will be Three Hundred and Fifty Dollars.

No. 17. FOR CONSTRUCTING RECEIVING BASINS AND APPURTENANCES AT THE NORTHWEST AND SOUTHWEST CORNERS OF WEST ONE HUNDRED AND EIGHTY-EIGHTH STREET AND GRAND AVENUE, AND AT THE NORTHWEST AND SOUTHWEST CORNERS OF EAST ONE HUNDRED AND EIGHTY-FIFTH STREET AND VALENTINE AVENUE.

The Engineer's estimate of the work is as follows:

50 linear feet of pipe culvert, 12-inch.

4 receiving basins, complete.

7 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

The time allowed for the completion of the work will be 20 working days.

The amount of security required will be Four Hundred and Fifty Dollars.

No. 18. FOR CONSTRUCTING A RECEIVING BASIN AND APPURTENANCES AT THE NORTHEAST CORNER OF JEROME AVENUE AND KINGSBIDGE ROAD.

The Engineer's estimate of the work is as follows:

50 linear feet of pipe culvert, 12-inch.

4 receiving basins, complete.

7 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

The time allowed for the completion of the work will be 4 working days.

The amount of security required will be Two Hundred and Twenty-five Dollars.

No. 19. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN NELSON AVENUE, BETWEEN BOBODEL AVENUE AND LEATHERED LANE.

The Engineer's estimate of the work is as follows:

1,120 linear feet of pipe sewer, 12-inch.

482 linear feet of pipe sewer, 12-inch.

215 square feet for house connections, over and above the cost per linear foot of sewer.

17 manholes, complete.

1 receiving basin, complete.

7,000 cubic yards of rock to be excavated and removed.

5 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

25 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 175 working days.

The amount of security required will be Four Thousand Five Hundred Dollars.

No. 20. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN EAST ONE HUNDRED AND THIRTY-NINTH STREET, BETWEEN CYPRESS AVENUE AND A POINT ABOUT 100 FEET WESTERLY THEREFROM.

The Engineer's estimate of the work is as follows:

103 linear feet of pipe sewer, 12-inch.

20 square feet for house connections, over and above the cost per linear foot of sewer.

2 manholes, complete.

175 cubic yards of rock, to be excavated and removed.

5 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

10 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 25 working days.

The amount of security required will be Six Hundred Dollars.

No. 21. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN MOHGAN AVENUE, FROM EAST ONE HUNDRED AND SEVENTY-SIXTH STREET TO EAST ONE HUNDRED AND SEVENTY-FIFTH STREET.

The Engineer's estimate of the work is as follows:

350 linear feet of pipe sewer, 12-inch.

20 square feet for house connections, over and above the cost per linear foot of sewer.

4 manholes, complete.

1 receiving basin, complete.

20 cubic yards of rock, to be excavated and removed.

2 cubic yards of Class "B" concrete, in place, additional to that shown on the plan.

1,000 feet (B. M.) of timber for foundations, furnished and laid, and sheeting furnished and left in place.

10 linear feet of 12-inch drain pipe, furnished and laid.

The time allowed for the completion of the work will be 20 working days.

The amount of security required will be Eight Hundred Dollars.

No. 22. FOR FURNISHING AND OPERATING ON THE LINE OF THE WEBSTER AVENUE STORM RELIEF TUNNEL SEWER, AT OR NEAR THE EASTERLY LINE OF THE NEW YORK AND PUTNAM DIVISION OF THE NEW YORK CENTRAL AND HUDSON RIVER RAILROAD, STEAM BOILER AND PUMPING PLANT OF SUFFICIENT CAPACITY TO REMOVE ALL WATER FROM SAID SEWER.

The time allowed for the completion of the work will be 60 days, or longer, as may be directed.

The amount of security required will be One Thousand Dollars.

Blank forms can be obtained upon application therefor, and the plans and specifications may be seen and other information obtained at said office.

LOUIS E. HAPPEL, President.

23. See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES.

DEPARTMENT OF DOCKS AND FERRIES, Pier "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF DOCKS AT THE ABOVE OFFICE UNTIL 12 O'CLOCK IN THE AFTERNOON, THURSDAY, DECEMBER 3, 1908.

CONTRACT NO. 1137.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRING THE MUNICIPAL FERRYBOATS, OR OTHER FLOATING FERRY PROPERTY, AND FURNISHING AND DELIVERING SUPPLIES THEREFOR.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 365 calendar days.

The amount of security required is Twenty Thousand Dollars.

The bidder will state the price for each class contained in the specifications or schedules, per pound, foot or cubic unit of measure. The extensions must be made and totaled up, and the bid must state a total or aggregate price for all the aggregate price, and several of the contract, if made, will be to the lowest bidder, according to such aggregate price.

Work must be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

ALLEN S. SPOONER, Commissioner.

Dated November 10, 1908.

24. See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, Pier "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF DOCKS AT PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, IN THE CITY OF NEW YORK, UNTIL 12 O'CLOCK NOON ON TUESDAY, DECEMBER 1, 1908.

No. 1. FOR INSURING THE FERRYBOAT "CASTLETON," TO BE EMPLOYED ON THE MUNICIPAL FERRIES BETWEEN THE BOROUGH OF MANHATTAN AND THE BOROUGH OF BROOKLYN AND THE BOROUGH OF RICHMOND, FOR A PERIOD OF TWELVE CALENDAR MONTHS BEGINNING AT NOON ON DECEMBER 7, 1908, AND TO

TERMINATE AT NOON ON DECEMBER 7, 1909.

No. 2. FOR INSURING THE FERRYBOAT "CASTLETON," TO BE EMPLOYED ON THE SAME SERVICE AS ABOVE, FOR A PERIOD OF TWELVE CALENDAR MONTHS BEGINNING AT NOON ON DECEMBER 7, 1908, AND TO TERMINATE AT NOON ON DECEMBER 7, 1909.

The said vessels, title, apparel, stores, supplies, furniture, engines, boilers, machinery and appurtenances shall be insured at the following valuations:

For the ferryboat "Stapleton"..... \$125,000 00

For the ferryboat "Castleton"..... 125,000 00

In no case shall the Department be deemed a co-insurer.

The boats to be confined to the use and navigation within the bay and harbor of New York and the Hudson and East Rivers, with the privilege to lay up and make additions, alterations and repairs while running or while laid up, or to go into dry dock. Any deviation beyond the limits named shall not void the policy, but no liability shall exist during such deviation; and upon the return of said vessels within the limits named above, no disaster having occurred, the policy shall be and remain in full force and effect unless a disaster occurs while deviating.

The policy shall provide for the full indemnification of all salvage expenses and loss, damage, detriment or hurt to said vessels for which the insurers are liable against the perils of the harbor, bay or rivers as above named, lightning and fires that shall occur to the hull, detriment and damage of said vessels or either of them, or any part thereof, and for all damage which may be done by the vessels insured to any other vessel or property.

As the vessels to be insured are common carriers, the policy shall not contain any limitation as to the nature or kind of cargo or other material which shall be carried on the boats.

No claim shall be made by the Department for any damage to the vessels insured unless it exceeds \$500.

Losses shall be payable in thirty days after proof of loss or damage, and of the amount thereof, and proof of the interest of the insured shall have been made and presented at the office of the insurer or its representative in the City of New York.

No bid will be received for insurance by or in behalf of any company not duly authorized by the Insurance Department to transact business in the State of New York.

Each bid must be accompanied by a copy of the policy upon which the bid is based.

The person or persons making a bid or estimate shall furnish the same in a sealed envelope indorsed as follows:

"Bid for insuring ferryboats employed on the Municipal Ferries."

The estimates received will be publicly opened by the Commissioner of Docks and read, and the award of the contract made according to the law as soon thereafter as practicable.

No bid or estimate will be considered unless as a condition precedent to the reception or consideration of any proposal it be accompanied by a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Commissioner of Docks, or money to the amount of One Thousand Dollars.

The certified check or money should not be included in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope, addressed to the Commissioner of Docks, or submitted personally upon the presentation of the bid or estimate.

The bidders shall state a rate per cent. at which they will insure or contract for insurance for the ferryboats, as specified above, in accordance with the terms of this advertisement, and also in accordance with the form of policy submitted, which shall be considered in connection with and form part of the bid.

Bidders will write out the rate per cent. of their estimates in addition to inserting the same in figures.

The Commissioner reserves the right to reject all bids or estimates if he deem it for the interest of the City so to do.

ALLEN S. SPOONER, Commissioner of Docks.

Dated The City of New York, November 17, 1908.

25. See General Instructions to Bidders on the last page, last column, of the "City Record."

PUBLIC NOTICE OF UNCLAIMED TRUCKS, WAGONS, CARTS, ETC.

JOSEPH P. DAY, AUCTIONEER.

PUBLIC NOTICE HAVING HERETOFORE been given by advertisement, pursuant to the provisions of section 853 of the Greater New York Charter, to any and all persons claiming to own or swing the said trucks, wagons, carts, etc., mentioned and described in said advertisement, to claim the same within three months from and after the 5th day of August, 1908, and that upon failure to claim the same within such time as provided by law, the Commissioner of Docks would, after further advertisement, sell such unclaimed trucks, wagons, carts, etc., at public auction to the highest bidder to pay the expenses which have been incurred in connection therewith, notice is hereby given that the Commissioner of Docks will, on

TUESDAY, NOVEMBER 24, 1908,

at 10.30 o'clock a. m., sell at public auction to the highest bidder, at the Pound, foot of West Twenty-sixth street, North River, Borough of Manhattan, the following unclaimed trucks, wagons, carts, etc., to wit:

Lot 1. Pound No. 535—Double truck, pole and two red wheels and three red wheels. Marks, "License 1949." Taken from foot of Nineteenth street, East River, on April 18, 1907. Fair condition.

Lot 2. Pound No. 537—Two large and four small wood cable reels, branded on reel, "G. E. Co." "The New York Edison Co. 1920. Nos. 522, 2255 and 644." Taken from front of Forty-first street pier, East River, on April 17, 1907.

Lot 3. Pound No. 544—Single truck, shafts and red wheels, green body. Marks, "Mitchell & Moffett, 13 Wooster Street." Taken from front of Pier 34, North River, on April 19, 1907. Fair condition.

Lot 4. Pound No. 549—Double truck, pole and two red wheels and green body. Marks, "M. Dunlop, License 9902." Taken from front of Pier 47, North River, on April 22, 1907. Bad condition.

Lot 5. Pound No. 551—Single truck, shafts and red wheels, red body. Body broken. Marks, "License 9969." Taken from front of Pier 47, North River, on April 23, 1907. Very bad condition.

Lot 6. Pound No. 577—Dirt cart, red wheels, red body. Marks, "J. Donovan, 304 W. 58th Street. License 528." Taken from foot of Twenty-fifth street, North River, on May 6, 1907. Fair condition.

Lot 7. Pound No. 481—Double seed truck, no pole, red wheels, red body. Seat and fender broken. No marks. Taken from front of Pier 23, North River, on May 8, 1907. Bad condition.

Lot 8. Pound No. 605—Dirt cart, red wheels and red body. Marks, "License 8673, No. 20 on side, 205 Monroe Street, N. Y." Taken from front of Pier 36, East River, on May 22, 1907. Bad condition.

Lot 9. Pound No. 608—Single sled wagon, yellow wheels and red body. One wheel broken, fender missing. Marks, "J. J. Smith, 50 Chambers St. No. 63 on side." Taken from front of Pier 43, North River, on May 23, 1907. Bad condition.

Lot 10. Pound No. 609—Coal cart, red wheels and red body. Marks, "Nick Organ, 2 Oliver Street, License 510." Taken from front of Pier 51, North River, on May 23, 1907. Bad condition.

Lot 11. Pound No. 610—Three tar formers and two tar pots. Taken from foot of Thirty-seventh street, East River, on May 24, 1907. Very bad condition.

Lot 12. Pound No. 625—Single rack truck, shafts broken, red wheels and red body. Marks, "C. H. L. 461." Taken from between Piers 28 and 29, East River, on June 6, 1907. Bad condition.

Lot 13. Pound No. 641—Single truck and shafts, red wheels and body. Marks, "License 8417." Taken from front of Pier 38, North River, on June 12, 1907. Bad condition.

Lot 14. Pound No. 647—Single truck, red wheels and green body. One nut on hind wheel missing. No marks. Taken from foot of Fifth street, East River, on June 20, 1907. Bad condition.

Lot 15. Pound No. 656—Double farm wagon, no pole, yellow wheels and red body. Marks, "J. Hatins, Hoboken, N. J." Taken from front of Pier 52, North River, on June 27, 1907. Bad condition.

Lot 16. Pound No. 657—Single farm wagon, broken shafts. Red wheels and red body. Marks, "J. C. Owens, Marian, N. J." Taken from foot of Bloomfield street, North River, on June 27, 1907. Bad condition.

Lot 17. Pound No. 658—Double truck, no pole, red wheels and red body. Marks, "R. C. 628." Taken from front of Pier 41, North River, on June 27, 1907. Fair condition.

Lot 18. Pound No. 663—Single covered wagon, shafts, red wheels, blue and red body. Marks, "Finger & Greenberg, 133 E. B'way." Monogram on sides (N. C.). Taken from between Piers 31 and 32, East River, on July 1, 1907. Bad condition.

Lot 19. Pound No. 668—Single wagon and shafts, green body and red running gear. Marks, "Thos. Lynch, Truckman, 21 W. B'way. License 2086. C. H. L. 366." Taken from front of Pier 48, North River, on July 6, 1907. Bad condition.

Lot 20. Pound No. 672—Single express wagon, broken shafts, red running gear and green body. Marks, "M. Murray, License 8380." Taken from foot of Fifteenth street, North River, on July 11, 1907. Bad condition.

Lot 21. Pound No. 679—Single truck, broken shafts, red running gear, blue dashboard. Marks, "License 11395." Taken from front of Pier 33, East River, on July 17, 1907. Bad condition.

Lot 22. Pound No. 694—Dirt cart, red wheels and red body. No tailboard and no marks. Taken from front of Pier 43, North River, on July 30, 1907. Bad condition.

Lot 23. Pound No. 699—Single wagon and shafts, red running gear and green body. One rear wheel broken off—in wagon. Marks, "F. Arato, 7460 (B) 75 Adams St. B'way." Painted on both sides. Taken from front of Pier 25, North River, on August 29, 1907. Bad condition.

Lot 24. Pound No. 705—Single peddling wagon, shafts broken, yellow running gear, one red and three yellow wheels, red body, no tailboard. Taken from foot of Fifteenth street, North River, on August 29, 1907. Bad condition.

Lot 25. Pound No. 706—Double truck, no pole. No tailboard at front board. Red running gear and red body. Marks, "Brydery, 31 W. 134th Street." Taken from Fifteenth Street Farm on August 30, 1907. Bad condition.

Lot 26. Pound No. 708—Road wagon and shafts, black running gear and black body. Two rear wheels broken and repaired with wire, dashboard broken, seat and flooring in body missing. No marks. Taken from Fifteenth street, North River, on August 30, 1907. Very bad condition.

Lot 27. Pound No. 712—Double rack and side, green body, board truck. No pole, red running gear. No marks. Painted outside. "Baseball Grounds." Taken from Twenty-first Street Farm on August 31, 1907. Bad condition.

Lot 28. Pound No. 714—Dirt cart. Red running gear and red body. Marks, "License 1445." Taken from Nineteenth Street Farm on September 23, 1907. Fair condition.

Lot 29. Pound No. 715—Double van, no pole, red running gear and green body. No marks. Taken from Nineteenth Street Farm on September 3, 1907. Bad condition.

Lot 30. Pound No. 724—Wagon without shafts. Marks, "F. Feldman, 274 Watkins St. Brooklyn. License 56-B." Taken from foot of Eighteenth street, East River, on September 10, 1907. Bad condition.

Lot 31. Pound No. 726—Peddling wagon. One wheel missing, no shafts. Marks, "License 5807." Taken from foot of Stanton street, East River, on September 11, 1907. Bad condition.

Lot 32. Pound No. 738—Dirt cart and shafts, red wheels and green body. Marks, "D. M. Nichols." Taken from foot of Clinton street, East River, on September 20, 1907. Bad condition.

Lot 33. Pound No. 739—Dirt cart and shafts, red wheels and black body. Marks, "C. A. Barrett, 29 Pike Slip No. 20" on side. Taken from foot of Clinton street, East River, on September 20, 1907. Bad condition.

Lot 34. Pound No. 748—Dirt cart, no shafts, body all broken, red wheels and green body. Marks, "Frank Cahell, 81 Mulberry St. License 1301." Taken from between Piers 27 and 28, East River, on September 27, 1907. Very bad condition.

Lot 35. Pound No. 750—Double swing truck, no pole, black wheels and black body. Marks, "W. B. Smith & Sons, Truckmen, 24 Corlies Street." Taken from Twenty-second Street Farm on September 30, 1907. Bad condition.

Lot 36. Pound No. 759—Double covered van, no pole, yellow wheels, yellow running gear and red body. Cover torn off sides and top. One side and top boards broken off. Marks, "Murphy & O'Brien" on side. Taken from Twenty-second Street Farm on September 30, 1907. Bad condition.

Lot 37. Pound No. 764—Single express covered wagon, shafts broken, red wheels and green body. Part of cover torn off top. Marks, "Carson & Martin Express, License 1521." Taken from Twenty-second Street Farm on September 30, 1907. Very bad condition.

Lot 38. Pound No. 753—Single covered express wagon, no shafts, red wheels and green body. Marks, "Carson Express, License 1521." Taken from Twenty-second Street Farm on September 30, 1907. Very bad condition.

Lot 39. Pound No. 757—Iron ash cart, red wheels and black body. One of the arms of the shafts broken. Marks, "John L. Eccles Co. 49 Vandam Street, No. 1." Taken from foot of Canal street, North River, on October 2, 1907. Fair condition.

1 intercepting chamber, complete, as per specifications, including all incidentals and appurtenances; \$4,500.....	4,500 00
21 manholes, complete, with iron steps, iron heads and covers, including all incidentals and appurtenances; per manhole, \$35.....	735 00
10,000 linear feet of bearing piles, driven in place, complete, including all incidentals and appurtenances; per linear foot, 75 cents.....	750 00
105 linear feet of oak fender piles, driven in place, complete, including all bolts, nuts, washers, hardware and painting, as per specifications, and all incidentals and appurtenances; per linear foot, 75 cents.....	78 75
32,000 feet (B. M.) of yellow pine, tongued and grooved, street piling, driven in place, complete, including all walers, braces, spikes, bolts, nuts, washers and all incidentals and appurtenances; per thousand feet (B. M.), \$80.....	2,560 00
577,000 feet (B. M.) of foundation planking and pile capping, laid in place, complete, including all incidentals and appurtenances; per thousand feet (B. M.), \$30.....	17,310 00
500,000 feet (B. M.) of sheeting and bracing, driven in place, complete, including all incidentals and appurtenances; per thousand feet (B. M.), \$27.....	13,500 00
2,500 cubic yards of excavation at outlet, as per specifications, including all incidentals and appurtenances; per cubic yard, 90 cents.....	2,250 00
Total cost.....	\$205,640 23

The time allowed for the completion of the work and full performance of the contract will be three hundred (300) working days. The amount of security required will be Seventy-five Thousand Dollars (\$75,000).
No. 2. FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN CENTRAL AVENUE, FROM MOFFATT STREET TO CHANCEY STREET.

The Engineer's preliminary estimate of the quantities is as follows:

203 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$4.35.....	\$881 05
40 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$2.50.....	104 00
1 manholes, complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, \$55.....	55 00
2 basins, reconnected, complete, with iron basin heads and connecting culverts, including all incidentals and appurtenances, per basin, \$45.....	90 00
12,000 feet (B. M.) sheeting and bracing, driven in place, complete, including all incidentals and appurtenances, per 1,000 feet (B. M.), \$27.....	324 00
Total.....	\$1,519 05

The time allowed for the completion of the work and full performance of the contract will be 30 working days.

The amount of security required will be Eight Hundred Dollars.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE SOUTHWEST CORNER OF FORTY-EIGHTH STREET AND SECOND AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

1 sewer basin, complete of either standard design, with iron pans or gratings, iron basin head and connecting culvert, including all incidentals and appurtenances, per basin, \$150.....	150 00
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The time allowed for the completion of the work and full performance of the contract will be 10 working days.

The amount of security required will be Eighty Dollars.

The foregoing Engineer's preliminary estimates of total cost for the completed work are in each case to be taken as the 100 per cent. basis and not for bidding. Proposals shall state a single percentage of each 100 per cent. cost (such as 95 per cent., 100 per cent. or 105 per cent.), for which all material and work called for in the proposed contracts and the bidders are to be furnished to the City. Such percentage, as bid for each contract, shall apply to all unit items specified in the Engineer's preliminary estimates to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained at the office of the Bureau of Sewers, No. 215 Montague street, Borough of Brooklyn.
 BIRD S. COLER, President.
 Dated November 18, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGHS HALL, BOROUGHS OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF BROOKLYN AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M. ON

WEDNESDAY, DECEMBER 2, 1908.

No. 1. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BLECKER STREET FROM KNICKERBOCKER AVENUE TO WYCKOFF AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

4,280 square yards asphalt pavement, including binder course.	
40 square yards old stone pavement, relaid in approaches, etc.	
510 cubic yards concrete.	

2,250 linear feet new curbstone, set in concrete.
 250 linear feet old curbstone, redressed, re-joined and reset in concrete.
 21 noiseless manhole heads and covers.
 The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days.
 The amount of security required is Forty-three Hundred Dollars (\$4,300).
No. 2. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BOND STREET FROM LIVINGSTON STREET TO ATLANTIC AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,510 square yards asphalt pavement, including binder course.	
10 square yards old stone pavement, to be relaid in approaches, etc.	
225 cubic yards concrete.	
1,150 linear feet new curbstone, set in concrete.	
60 linear feet old curbstone, redressed, re-joined and reset in concrete.	
5 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is twenty-five (25) working days.

The amount of security required is Seventeen Hundred and Fifty Dollars (\$1,750).

No. 3. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF CATHARINE STREET, FROM DEVOE STREET TO GRAND STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,320 square yards asphalt pavement, including binder course.	
10 square yards old stone pavement, to be relaid in approaches, etc.	
185 cubic yards concrete.	
600 linear feet new curbstone, set in concrete.	
10 linear feet old curbstone, redressed, re-joined and reset in concrete.	
3 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Thirteen Hundred Dollars (\$1,300).

No. 4. FOR REGULATING, CURBING AND LAYING SIDEWALKS ON FIFTH AVENUE, FROM SIXTIETH STREET TO SIXTY-FIFTH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

2,150 linear feet new curbstone, set in concrete.	
140 linear feet old curbstone, redressed, re-joined and reset in concrete.	
125 cubic yards concrete (not to be bid for).	
2,750 square feet cement sidewalk.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Fourteen Hundred Dollars (\$1,400).

No. 5. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF HART STREET, FROM CENTRAL AVENUE TO IRVING AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

0,370 square yards asphalt pavement, including binder course.	
30 square yards old stone pavement, to be relaid in approaches, etc.	
800 cubic yards concrete.	
5,440 linear feet new curbstone, set in concrete.	
380 linear feet old curbstone, redressed, re-joined and reset in concrete.	
17 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days.

The amount of security required is Sixty-four Hundred Dollars (\$6,400).

No. 6. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF HENRY STREET, FROM HAMILTON AVENUE TO WEST NINTH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,700 square yards asphalt pavement, including binder course.	
20 square yards old stone pavement, to be relaid in approaches, etc.	
305 cubic yards concrete.	
250 linear feet new curbstone, set in concrete.	
700 linear feet old curbstone, redressed, re-joined and reset in concrete.	
3 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Fifteen Hundred Dollars (\$1,500).

No. 7. FOR REGULATING AND REPAVING WITH GRANITE ON A CONCRETE FOUNDATION THE ROADWAY OF JOHNSTON AVENUE, FROM BUSHWICK AVENUE TO MORGAN AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

2,600 square yards granite pavement, with tar and gravel joints, outside railroad area (one year maintenance).	
900 square yards granite pavement, with tar and gravel joints, within railroad area (two maintenance).	
30 square yards old stone pavement, to be relaid in approaches, etc.	
420 cubic yards concrete, outside railroad area.	
160 cubic yards concrete, within railroad area.	
3,520 linear feet new curbstone, set in concrete.	
90 linear feet old curbstone, redressed, re-joined and reset in concrete.	
640 square yards old bridgestones, re-joined and relaid.	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Fifty-seven Hundred Dollars (\$5,700).

No. 8. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF JUDGE STREET, FROM DEVOE STREET TO POWERS STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,720 square yards asphalt pavement, including binder course.	
170 cubic yards concrete.	
720 linear feet new curbstone, set in concrete.	
10 linear feet old curbstone, redressed, re-joined and reset in concrete.	
4 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Ten Thousand Dollars (\$10,000).

No. 15. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF RALPH STREET, FROM A POINT 200 FEET EAST OF EVERGREEN AVENUE TO KNICKERBOCKER AVENUE AND FROM MYRTLE AVENUE TO BOROUGHS LINE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,500 cubic yards earth excavation.	
600 cubic yards earth filling (not to be bid for).	
3,820 linear feet cement curb.	
10,280 square feet cement sidewalk.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Twelve Hundred and Fifty Dollars (\$1,250).

No. 9. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF KANE PLACE, FROM HERKIMER STREET TO ATLANTIC AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,180 square yards asphalt pavement, including binder course.	
160 cubic yards concrete.	
520 linear feet new curbstone, set in concrete.	
140 linear feet old curbstone, redressed, re-joined and reset in concrete.	
4 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Twelve Hundred Dollars (\$1,200).

No. 10. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MADISON STREET, FROM BUSHWICK AVENUE TO KNICKERBOCKER AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

8,260 square yards asphalt pavement, including binder course.	
30 square yards old stone pavement, to be relaid in approaches, etc.	
1,150 cubic yards concrete.	
4,100 linear feet new curbstone, set in concrete.	
800 linear feet old curbstone, redressed, re-joined and reset in concrete.	
22 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Seventy-five Hundred Dollars (\$7,500).

No. 11. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF NOLL STREET, FROM BREMEN STREET TO EVERGREEN AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

950 square yards asphalt pavement, including binder course.	
10 square yards old stone pavement, to be relaid in approaches, etc.	
135 cubic yards concrete.	
710 linear feet new curbstone, set in concrete.	
10 linear feet old curbstone, redressed, re-joined and reset in concrete.	
3 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is fifteen (15) working days.

The amount of security required is One Thousand Dollars (\$1,000).

No. 12. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON NORMAN AVENUE, BETWEEN GUERNSEY STREET AND WYTHE AVENUE, AND ON WYTHE AVENUE, BETWEEN NORMAN AVENUE AND NORTH THIRTEENTH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

2,280 linear feet new curbstone, set in concrete.	
30 linear feet old curbstone, redressed, re-joined and reset in concrete.	
3,860 cubic yards earth excavation.	
1,530 cubic yards earth filling (not to be bid for).	
125 cubic yards concrete (not to be bid for).	
10,350 square feet cement sidewalks.	

The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days.

The amount of security required is Twenty-five Hundred Dollars (\$2,500).

No. 13. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF PARK STREET, FROM BROADWAY TO BEAVER STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

870 square yards asphalt pavement, including binder course, outside railroad area (5 years' maintenance).	
200 square yards asphalt pavement, including binder course, within railroad area (no maintenance).	
70 square yards old stone pavement, to be relaid in approaches, etc.	
120 cubic yards concrete, outside railroad area.	
30 cubic yards concrete, within railroad area.	
960 linear feet new curbstone, set in concrete.	
50 linear feet old curbstone, redressed, re-joined and reset in concrete.	
2 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Twelve Hundred Dollars (\$1,200).

No. 14. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF RALPH STREET, FROM A POINT 200 FEET EAST OF EVERGREEN AVENUE TO KNICKERBOCKER AVENUE AND FROM MYRTLE AVENUE TO BOROUGHS LINE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

11,100 square yards asphalt pavement, including binder course.	
50 square yards old stone pavement, to be relaid in approaches, etc.	
1,550 cubic yards concrete.	
5,280 linear feet new curbstone, set in concrete.	
1,320 linear feet old curbstone, redressed, re-joined and reset in concrete.	
31 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is forty-five (45) working days.

The amount of security required is Ten Thousand Dollars (\$10,000).

No. 15. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF RALPH STREET, FROM A POINT 200 FEET EAST OF EVERGREEN AVENUE TO KNICKERBOCKER AVENUE AND FROM MYRTLE AVENUE TO BOROUGHS LINE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

11,100 square yards asphalt pavement, including binder course.	
50 square yards old stone pavement, to be relaid in approaches, etc.	
1,550 cubic yards concrete.	
5,280 linear feet new curbstone, set in concrete.	
1,320 linear feet old curbstone, redressed, re-joined and reset in concrete.	
31 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is forty-five (45) working days.

The amount of security required is Ten Thousand Dollars (\$10,000).

No. 15. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF RALPH STREET, FROM A POINT 200 FEET EAST OF EVERGREEN AVENUE TO KNICKERBOCKER AVENUE AND FROM MYRTLE AVENUE TO BOROUGHS LINE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

11,100 square yards asphalt pavement, including binder course.	
50 square yards old stone pavement, to be relaid in approaches, etc.	
1,550 cubic yards concrete.	
5,280 linear feet new curbstone, set in concrete.	
1,320 linear feet old curbstone, redressed, re-joined and reset in concrete.	
31 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is forty-five (45) working days.

The amount of security required is Ten Thousand Dollars (\$10,000).

No. 15. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF RALPH STREET, FROM A POINT 200 FEET EAST OF EVERGREEN AVENUE TO KNICKERBOCKER AVENUE AND FROM MYRTLE AVENUE TO BOROUGHS LINE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

11,100 square yards asphalt pavement, including binder course.	
50 square yards old stone pavement, to be relaid in approaches, etc.	
1,550 cubic yards concrete.	
5,280 linear feet new curbstone, set in concrete.	
1,320 linear feet old curbstone, redressed, re-joined and reset in concrete.	
31 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Fifteen Hundred Dollars (\$1,500).

No. 16. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SYCAMORE STREET, FROM MAYMOND STREET TO ST. EDWARDS STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

470 square yards asphalt pavement, including binder course.	
70 cubic yards concrete.	
350 linear feet new curbstone, set in concrete.	
220 linear feet old curbstone, redressed, re-joined and reset in concrete.	
2 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is fifteen (15) working days.

The amount of security required is Five Hundred Dollars (\$500).

No. 17. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF THIRTEENTH STREET, FROM SECOND AVENUE TO FORTH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

4,700 square yards asphalt pavement, including binder course.	
20 square yards old stone pavement, to be relaid in approaches, etc.	
650 cubic yards concrete.	
2,110 linear feet new curbstone, set in concrete.	
710 linear feet old curbstone, redressed, re-joined and reset in concrete.	
14 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Forty-seven Hundred Dollars (\$4,700).

No. 18. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF THIRTY-FIRST STREET, FROM THIRD AVENUE TO FIFTH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

4,730 square yards asphalt pavement, including binder course.	
20 square yards old stone pavement, to be relaid in approaches, etc.	
660 cubic yards concrete.	
1,940 linear feet new curbstone, set in concrete.	
900 linear feet old curbstone, redressed, re-joined and reset in concrete.	
13 noiseless manhole heads and covers.	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Forty-six Hundred Dollars (\$4,600).

650 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances, per linear foot, 85 cents.....	552 50
16 manholes, complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, \$55.....	880 00
1 sewer basin, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$130.....	130 00
Total.....	\$4,990 25

The time allowed for the completion of the work and full performance of the contract will be 45 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN STERLING PLACE, FROM SCHENECTADY AVENUE TO UTICA AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

780 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$1.70.....	\$1,326 00
1,025 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances, per linear foot, 80 cents.....	820 00
8 manholes, complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, \$50.....	400 00
3,000 feet (B. M.) of sheeting and bracing, driven in place, complete, including all incidentals and appurtenances, per thousand feet, board measure, \$27.....	81 00
Total.....	\$2,627 00

The time allowed for the completion of the work and full performance of the contract will be 40 working days.

The amount of security required will be One Thousand Three Hundred Dollars (\$1,300).

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN CORNELIA STREET, FROM KNICKERBOCKER AVENUE TO THE BOUNDARY LINE BETWEEN THE BOROUGH OF BROOKLYN AND QUEENS.

The Engineer's preliminary estimate of the quantities is as follows:

40 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$2.10.....	\$84 00
415 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$1.85.....	767 75
505 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances, per linear foot, 85 cents.....	505 75
5 manholes, complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, \$50.....	250 00
Total.....	\$1,607 50

The time allowed for the completion of the work and full performance of the contract will be thirty working days.

The amount of security required will be Eight Hundred Dollars (\$800).

No. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN FORT HAMILTON AVENUE, FROM THIRTY-EIGHTH STREET TO THIRTY-NINTH STREET.

The Engineer's preliminary estimate of the quantities is as follows:

470 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances, per linear foot, \$1.60.....	\$752 00
6 manholes, complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, \$50.....	300 00
18,000 feet (B. M.) of sheeting and bracing, driven in place, complete, including all incidentals and appurtenances, per thousand feet (B. M.), \$27.....	486 00
1 sewer basin, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$130.....	130 00
Total.....	\$1,668 00

The time allowed for the completion of the work and full performance of the contract will be 30 working days.

The amount of security required will be Eight Hundred Dollars (\$800).

No. 6. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT THE NORTHEAST, SOUTHEAST AND NORTHWEST CORNERS OF TWENTIETH AND BENSON AVENUES.

The Engineer's preliminary estimate of the quantities is as follows:

3 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$150.....	\$450 00
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The time allowed for the completion of the work and full performance of the contract will be 20 working days.

The amount of security required will be Two Hundred Dollars (\$200).

No. 7. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT THE SOUTH AND WEST CORNERS OF BAY THIRTEENTH STREET AND EIGHTY-SIXTH STREET.

The Engineer's preliminary estimate of the quantities is as follows:

2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$175.....	\$350 00
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The time allowed for the completion of the work and full performance of the contract will be 15 working days.

The amount of security required will be One Hundred and Seventy-five Dollars (\$175).

No. 8. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT THE NORTHWEST AND SOUTHWEST CORNERS OF WINTHROP STREET AND NOSTRAND AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$160.....	\$320 00
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The time allowed for the completion of the work and the full performance of the contract will be 15 working days.

The amount of security required will be One Hundred and Eighty Dollars (\$180).

No. 9. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS ON THIRD AVENUE, AT THE NORTHEAST CORNER OF THIRTY-FIRST STREET AND AT THE SOUTHEAST CORNER OF TWENTY-NINTH STREET.

The Engineer's preliminary estimate of the quantities is as follows:

2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$160.....	\$320 00
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The time allowed for the completion of the work and the full performance of the contract will be 15 working days.

The amount of security required will be One Hundred and Fifty Dollars (\$150).

No. 10. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE EASTERLY CORNER OF THIRD AVENUE AND THIRTIETH STREET.

The Engineer's preliminary estimate of the quantities is as follows:

1 sewer basin, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$160.....	\$160 00
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The time allowed for the completion of the work and the full performance of the contract will be 10 working days.

The amount of security required will be One Hundred Dollars (\$100).

No. 11. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE SOUTHWEST CORNER OF HARRISON PLACE AND PORTER AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

1 sewer basin, complete, of either standard design, with iron pans or gratings, iron basin hood and connecting culvert, including all incidentals and appurtenances, per basin, \$180.....	\$180 00
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The time allowed for the completion of the work and full performance of the contract will be 10 working days.

The amount of security required will be Ninety Dollars (\$90).

The foregoing Engineer's preliminary estimates of total cost for the completed work are in each case to be taken as the 100 per cent. basis and test for bidding. Proposals shall state a single percentage of such 100 per cent. cost (such as 95 per cent., 100 per cent. or 105 per cent.), for which all material and work called for in the proposed contracts and the notices to bidders are to be furnished to the City. Such percentage, as bid for each contract, shall apply to all unit items specified in the Engineer's preliminary estimates to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, No. 215 Montague street, Borough of Brooklyn.

BIRD S. COLER, President.
Dated November 10, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF BROOKLYN, AT THE ABOVE OFFICE, UNTIL 11 O'CLOCK A. M. ON

WEDNESDAY, NOVEMBER 25, 1908.

No. 1. FOR REGULATING AND REPAVING WITH ASPHALT ON CONCRETE FOUNDATION THE ROADWAY OF BARTLETT STREET, FROM FLUSHING AVENUE TO BROADWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

4,250 square yards asphalt pavement, including binder course.....	
30 square yards old stone pavement, to be relaid in approaches, etc.....	
590 cubic yards concrete.....	
2,250 linear feet new curbstone, set in concrete.....	
20 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
13 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Four Thousand Dollars (\$4,000).

No. 2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON BITUMAS AVENUE, FROM OCEAN PARKWAY TO WEST STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,120 linear feet new curbstone, set in concrete.....	
100 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
4,050 cubic yards earth excavation.....	
650 cubic yards earth filling (not to be bid for).....	
175 cubic yards concrete (not to be bid for).....	
13,520 square feet cement sidewalk.....	

The time allowed for the completion of the work and the full performance of the contract is forty-five (45) working days.

The amount of security required is Three Thousand Dollars (\$3,000).

No. 3. FOR REGULATING, PAVING AND REPAVING WITH ASPHALT ON CONCRETE FOUNDATION THE ROADWAY OF ELMORE PLACE (EAST TWENTY-SECOND STREET), FROM FARRAGUT ROAD TO

AVENUE G, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

2,770 square yards asphalt pavement, including binder course.....	
385 cubic yards concrete.....	
8 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Two Thousand Dollars (\$2,000).

No. 4. FOR REGULATING AND REPAVING WITH ASPHALT ON CONCRETE FOUNDATION THE ROADWAY OF HENDRIX STREET, FROM JAMAICA AVENUE TO ATLANTIC AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

2,880 square yards asphalt pavement, including binder course.....	
10 square yards old stone pavement, to be relaid in approaches, etc.....	
540 cubic yards concrete.....	
2,420 linear feet new curbstone, set in concrete.....	
500 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
15 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Forty-one Hundred Dollars (\$4,100).

No. 5. FOR REGULATING AND REPAVING WITH GRANITE ON A CONCRETE FOUNDATION THE ROADWAY OF HOOPER STREET, FROM KENT AVENUE TO WYTHE AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,730 square yards granite pavement, with tar and gravel joints.....	
20 square yards old stone pavement, to be relaid in approaches, etc.....	
200 cubic yards concrete.....	
740 linear feet new curbstone, set in concrete.....	
180 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
300 square feet new granite bridgestones.....	

The time allowed for the completion of the work and the full performance of the contract is twenty-five (25) working days.

The amount of security required is Twenty-four Hundred Dollars (\$2,400).

No. 6. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF KINGSTON AVENUE, FROM FULTON STREET TO ST. JOHN'S PLACE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

4,870 square yards asphalt pavement, including binder course, outside of railroad area (5 years' maintenance).....	
1,250 square yards asphalt pavement, including binder course, within railroad area (no maintenance).....	
30 square yards old stone pavement, to be relaid in approaches, etc.....	
680 cubic yards concrete, outside railroad area.....	
190 cubic yards concrete, within railroad area.....	
2,460 linear feet new curbstone, set in concrete.....	
2,740 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
4 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Fifty-six Hundred Dollars (\$5,600).

No. 7. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF LA FAYETTE AVENUE, FROM FLATBUSH AVENUE TO SOUTH PORTLAND AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

3,680 square yards asphalt pavement, including binder course, outside railroad area (5 years' maintenance).....	
400 square yards asphalt pavement, including binder course, within railroad area (no maintenance).....	
100 square yards old stone pavement, to be relaid in approaches, etc.....	
720 cubic yards concrete outside of railroad area.....	
60 cubic yards concrete within railroad area.....	
1,930 linear feet new curbstone, set in concrete.....	
250 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
8 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Fifty-six Hundred Dollars (\$5,600).

No. 8. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF VERMONT STREET, FROM BUSHWICK AVENUE TO WYCKOFF AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

12,640 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
1,760 cubic yards concrete.....	
5,300 linear feet new curbstone, set in concrete.....	
2,280 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
31 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is fifty (50) working days.

The amount of security required is Twelve Thousand Five Hundred Dollars (\$12,500).

No. 9. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SUTTER AVENUE, FROM WYONA STREET TO VERMONT STREET, VERMONT STREET, FROM SEVENTY-FIVE FEET SOUTH OF BELMONT AVENUE TO BLAKE AVENUE, AND WYONA STREET, FROM SUTTER AVENUE TO BLAKE AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

5,940 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
830 cubic yards concrete.....	
3,080 linear feet new curbstone, set in concrete.....	
220 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
12 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Fifty-four Hundred Dollars (\$5,400).

No. 10. FOR REGULATING, CURBING AND LAYING SIDEWALKS ON VANDAM STREET, FROM BRIDGEWATER STREET TO MEER AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

290 square yards asphalt pavement, including binder course, outside railroad area (5 years' maintenance).....	
100 square yards asphalt pavement, including binder course, within railroad area (no maintenance).....	
40 cubic yards concrete outside railroad area.....	
15 cubic yards concrete within railroad area.....	
420 linear feet new curbstone, set in concrete.....	
20 linear feet old curbstone, redressed, re-joined and reset in concrete.....	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Five Hundred Dollars (\$500).

No. 11. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF NEVIN'S STREET, FROM WYCKOFF STREET TO BALTIC STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

1,600 square yards asphalt pavement, including binder course.....	
30 square yards old stone pavement, to be relaid in approaches, etc.....	
225 cubic yards concrete.....	
820 linear feet new curbstone, set in concrete.....	
90 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
5 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Five Hundred Dollars (\$500).

No. 12. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WALTON STREET, FROM WALLABOUT STREET TO BROADWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

6,360 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
890 cubic yards concrete.....	
3,040 linear feet new curbstone, set in concrete.....	

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Sixteen Hundred Dollars (\$1,600).

No. 10. FOR REGULATING AND REPAVING WITH GRANITE ON A CONCRETE FOUNDATION THE ROADWAY OF SECOND AVENUE, FROM HAMILTON AVENUE TO SIXTH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

10,320 square yards granite pavement, with tar and gravel joints.....	
500 square yards granite pavement, with tar and gravel joints, to be relaid.....	
100 square yards old stone pavement, to be relaid in approaches, etc.....	
1,800 cubic yards concrete.....	
2,970 linear feet new curbstone, set in concrete.....	
440 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
2,180 square feet new granite bridgestones.....	
175 square feet old bridgestones, re-joined and relaid.....	

The time allowed for the completion of the work and the full performance of the contract is sixty (60) working days.

The amount of security required is Fifteen Thousand Dollars (\$15,000).

No. 11. FOR LAYING CROSSWALKS ON THE EASTERLY CROSSING OF SEVENTY-EIGHTH STREET AND FORT HAMILTON AVENUE AND AT THE EASTERLY AND SOUTHERLY CROSSINGS AT THE INTERSECTION OF SEVENTY-NINTH STREET AND SEVENTH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantity is as follows:

240 square feet new bluestone bridging.....	
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The time allowed for the completion of the work and the full performance of the contract is fifteen (15) working days.

The amount of security required is One Hundred and Twenty-five Dollars (\$125).

No. 12. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SOUTH SECOND STREET, FROM KEAP STREET TO MARCY AVENUE, AND FROM HAVE-MEYER STREET TO WYTHE AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

9,030 square yards asphalt pavement, including binder course, outside railroad area (five years' maintenance).....	
20 square yards asphalt pavement, including binder course, within railroad area (no maintenance).....	
20 square yards old stone pavement, to be relaid in approaches, etc.....	
1,260 cubic yards concrete, outside railroad area.....	
3 cubic yards concrete, within railroad area.....	
5,070 linear feet new curbstone, set in concrete.....	
140 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
30 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Eighty-three Hundred Dollars (\$8,300).

No. 13. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF STOCKHOLM STREET, FROM BUSHWICK AVENUE TO WYCKOFF AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

12,640 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
1,760 cubic yards concrete.....	
5,300 linear feet new curbstone, set in concrete.....	
2,280 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
31 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is fifty (50) working days.

The amount of security required is Twelve Thousand Five Hundred Dollars (\$12,500).

No. 14. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SUTTER AVENUE, FROM WYONA STREET TO VERMONT STREET, VERMONT STREET, FROM SEVENTY-FIVE FEET SOUTH OF BELMONT AVENUE TO BLAKE AVENUE, AND WYONA STREET, FROM SUTTER AVENUE TO BLAKE AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

5,940 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
830 cubic yards concrete.....	
3,080 linear feet new curbstone, set in concrete.....	
220 linear feet old curbstone, redressed, re-joined and reset in concrete.....	
12 noiseless manhole heads and covers.....	

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Fifty-four Hundred Dollars (\$5,400).

No. 15. FOR REGULATING, CURBING AND LAYING SIDEWALKS ON VANDAM STREET, FROM BRIDGEWATER STREET TO MEER AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

290 square yards asphalt pavement, including binder course, outside railroad area (5 years' maintenance).....	
100 square yards asphalt pavement, including binder course, within railroad area (no maintenance).....	
40 cubic yards concrete outside railroad area.....	
15 cubic yards concrete within railroad area.....	
420 linear feet new curbstone, set in concrete.....	
20 linear feet old curbstone, redressed, re-joined and reset in concrete.....	

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Five Hundred Dollars (\$500).

No. 16. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WALTON STREET, FROM WALLABOUT STREET TO BROADWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

6,360 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
890 cubic yards concrete.....	
3,040 linear feet new curbstone, set in concrete.....	

No. 17. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WALTON STREET, FROM WALLABOUT STREET TO BROADWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

6,360 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
890 cubic yards concrete.....	
3,040 linear feet new curbstone, set in concrete.....	

No. 18. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WALTON STREET, FROM WALLABOUT STREET TO BROADWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the quantities is as follows:

6,360 square yards asphalt pavement, including binder course.....	
50 square yards old stone pavement, to be relaid in approaches, etc.....	
890 cubic yards concrete.....	
3,040 linear feet new curbstone, set in concrete.....	

110 linear feet old curbstones, redressed, re-joined and reset in concrete.
 18 noiseless manhole covers and heads.
 The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days.
 The amount of security required is Sixty-two Hundred Dollars (\$6,200).
 No. 17. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WEIRFIELD STREET, FROM CENTRAL AVENUE TO KNICKERBOCKER AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERE-TO.
 Engineer's estimate of the quantities is as follows:
 4,100 square yards asphalt pavement, including binder course.
 20 square yards old stone pavement, to be relaid in approaches, etc.
 580 cubic yards concrete.
 2,300 linear feet new curbstones, set in concrete.
 190 linear feet old curbstones, redressed, re-joined and reset in concrete.
 18 noiseless manhole heads and covers.
 The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.
 The amount of security required is Forty-two Hundred Dollars (\$4,200).
 No. 18. FOR FENCING VACANT LOTS ON THE SOUTHEAST SIDE OF HART STREET, BETWEEN WYCKOFF AND ST. NICHOLAS AVENUES, AND ON VARIOUS OTHER STREETS IN THE BOROUGH OF BROOKLYN, TOGETHER WITH ALL WORK INCIDENTAL THERE-TO.
 Engineer's estimate of the quantity is as follows:
 1,906 linear feet wooden rail fence 6 feet in height.
 The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days.
 The amount of security required is Three Hundred Dollars (\$300).
 The bidder will state the price of each item or article contained in the specifications or schedules herein contained or herein annexed, per linear foot, square foot, square yard, or other unit of measure, by which the bids will be tested.
 The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.
 Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, the Borough of Brooklyn, No. 15 Municipal Building, Brooklyn.

BIRD S. COLER,
 President.

Dated November 9, 1908.

011,25

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF ASSESSORS.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

Borough of The Bronx.

List 4626, No. 1. Regulating, grading, curbing, flagging, laying crosswalks, building approaches and grading terraces in Bryant avenue, from Boston road to East One Hundred and Twenty-second street.
 List 4626, No. 2. Regulating, grading, curbing, flagging, laying crosswalks, building approaches and plating terraces in Bryant avenue, from Westchester avenue to Boston road.
 List 4625, No. 3. Sewer in West One Hundred and Ninety-second street, between Exterior street and Bailey avenue, in Bailey avenue, between Kingsbridge road and Sedgwick avenue; in Sedgwick avenue, between Baker avenue and Kingsbridge road; in Heath avenue, between Baker avenue and Kingsbridge road; in Hamersmith place, between Heath avenue and Kingsbridge road; and in Harlem River terrace, between Fordham road and Bailey avenue.

Borough of Queens.

List 76, No. 1. Sewer in Bebe avenue, from Academy street to William street, First Ward.
 List 707, No. 2. Sewer in the Boulevard, from Nutt avenue to Modine street, First Ward.
 List 120, No. 3. Sewer in Buchanan place, from a point 150 feet north of Grand avenue to Newtown avenue, First Ward.
 List 127, No. 4. Sewer in Hopkins avenue, from a point 150 feet south of Grand avenue to Temple street, First Ward.
 List 150, No. 5. Sewer in Eighth street, between Orchard street and Lament avenue.
 The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—
 No. 1. Both sides of Bryant avenue, from Boston road to One Hundred and Eighty-second street, and to the extent of half the block at the intersecting streets.
 No. 2. Both sides of Bryant avenue, from Westchester avenue to Boston road, and to the extent of half the block at the intersecting streets.
 No. 3. East side of Harlem River terrace, from Fordham road to One Hundred and Ninety-second street; both sides of One Hundred and Ninety-second street, from Exterior street to Bailey avenue; both sides of Bailey avenue, from Kingsbridge road south to its intersection with Sedgwick avenue; both sides of Sedgwick avenue, from its intersection with Bailey avenue northerly to Kingsbridge road; both sides of Heath avenue, from Bailey avenue northerly to Kingsbridge road; both sides of Kingsbridge road; both sides of Heath avenue, between Baker avenue and Kingsbridge road; in Heath avenue, between Baker avenue and Kingsbridge road; in Hamersmith place, between Heath avenue and Kingsbridge road; and in Harlem River terrace, from Fordham road to Bailey avenue.
 No. 4. Blocks 81, 82, 89 and 90, bounded by Paynter avenue, Bebe avenue, Freeman avenue, Prospect street, Crescent street and William street; both sides of Bebe avenue, from Academy street to Prospect street; southeast side of Prospect street, from Paynter avenue to Freeman avenue.
 No. 5. Both sides of the Boulevard, from Nutt avenue to Modine street; both sides of Thirtieth street, from Van Alst avenue to the Boulevard; west side of Van Alst avenue, between Nutt avenue and Fourteenth street.
 No. 6. Both sides of Buchanan place, between Newtown and Grand avenues.
 No. 7. Both sides of Hopkins avenue, from Temple street to Grand avenue.
 No. 8. Both sides of Eighth street, from Orchard street to Lament avenue.
 All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before December

22, 1908, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.
 ANTONIO ZUCCA,
 PAUL WEIMANN,
 JAMES H. KENNEDY,
 Board of Assessors.
 WILLIAM H. JASPER, Secretary, No. 320 Broadway.
 City of New York, Borough of Manhattan,
 November 19, 1908.

019,30

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

Borough of Queens.

List 109, No. 1. Sewer in Fifth avenue, from Flushing avenue to Vandewater avenue, and in Vandewater avenue, from Fifth avenue to Tenth avenue, First Ward.
 List 149, No. 2. Sewer in Briell street, from Broadway to Graham avenue, First Ward.
 List 152, No. 3. Sewer in Eleventh avenue, from Broadway to Newtown road, First Ward.
 List 157, No. 4. Sewer in Fifth avenue, from Graham avenue to Webster avenue, First Ward.
 The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—
 No. 1. Both sides of Fifth avenue, from Flushing avenue to Vandewater avenue; both sides of Vandewater avenue, from Fifth avenue to Tenth avenue; both sides of Sixth avenue, between Flushing and Grand avenues; both sides of Pomeroy street, between Flushing avenue and Vandewater avenue; both sides of Ninth avenue and west side of Tenth avenue, between Flushing and Grand avenues.
 No. 2. Both sides of Briell street, from Graham avenue to Broadway.
 No. 3. Both sides of Eleventh avenue, from Broadway to Newtown road.
 No. 4. Both sides of Fifth avenue, from Webster avenue to Graham avenue; southeast side of Fourth avenue, from Webster avenue to Graham avenue; both sides of Pierce avenue, from Fourth avenue to Fifth avenue; north side of Webster avenue, from Fourth to Fifth avenue.
 All persons whose interests are affected by the above named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before December 15, 1908, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.
 ANTONIO ZUCCA,
 PAUL WEIMANN,
 JAMES H. KENNEDY,
 Board of Assessors.
 WILLIAM H. JASPER, Secretary.
 No. 320 Broadway, City of New York, Borough of Manhattan, November 13, 1908.

013,24

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

Borough of Brooklyn.

List 6699, No. 1. Regulating, grading, curbing and laying cement sidewalks in New Jersey avenue, between Jamaica avenue and Highland boulevard.
 List 6870, No. 2. Regulating, grading, curbing and laying cement sidewalks on Seventieth street, between Fourteenth and Fifteenth avenues.
 List 9932, No. 3. Regulating, grading, curbing and laying cement sidewalks on Fortieth street, between Fort Hamilton and Fourteenth avenues.
 List 1, No. 4. Laying cement sidewalks on the south side of Dean street, between Rochester and Buffalo avenues (private); north side of Ninth street, between Gowanus Canal and Smith street; north side of Seventy-ninth street, between Sixth and Fort Hamilton avenues; south side of Forty-third street, between Fourth and Fifth avenues; southeast corner of Thirty-third street and Third avenue; west side of Sanford street, between Park and Flushing avenues; east side of Oakland street, between Greenpoint avenue and Kent street.
 List 10, No. 5. Laying cement sidewalks on Greenwood road, between Flushing and Brooklyn avenues.
 List 20, No. 6. Regulating, grading, curbing and laying cement sidewalks on Eighty-seventh street, between Third and Fourth avenues.
 List 123, No. 7. Paving with asphalt Christopher street, between Livonia and Riverdale avenues.
 List 125, No. 8. Curbing, resurfacing and laying cement sidewalks on Ditmas avenue, from Flushing avenue to Ocean avenue.
 List 126, No. 9. Paving with asphalt Linden avenue, between Nostrand and New York avenues.
 List 248, No. 10. Sewer in Eighty-eighth street, between First and Narrows avenues.
 The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—
 No. 1. Both sides of New Jersey avenue, from Jamaica avenue to Highland boulevard, and to the extent of half the block at the intersecting streets.
 No. 2. Both sides of Seventieth street, from Fourteenth avenue to Fifteenth avenue, and to the extent of half the block at the intersecting streets.
 No. 3. Both sides of Fortieth street, from Fort Hamilton avenue to Fourteenth avenue.
 No. 4. North side of West Ninth street, between Gowanus Canal and Smith street; north side of Seventy-ninth street, from Sixth avenue to Fort Hamilton avenue; southwest corner of Forty-third street and Fifth avenue, southeast corner of Thirty-third street and Third avenue; east side of Walworth street and west side of Sanford street, between Park and Flushing avenues; east side of Oakland street, from Greenpoint avenue to Kent street.
 No. 5. North side of Greenwood road, between Thirty-first street and Nostrand avenue; south side, between Nostrand and Flushing avenues; both sides, from Thirty-first street to Brooklyn avenue.
 No. 6. Both sides of Eighty-seventh street, from Third to Fourth avenue, and to the extent of two feet on the intersecting streets.
 No. 7. Both sides of Christopher street, between Riverdale avenue and a point about 250 feet north of Livonia avenue, and to the extent of half the block at the intersecting streets.
 No. 8. Both sides of Ditmas avenue, between Flushing and Ocean avenues.
 No. 9. Both sides of Linden street, from Nostrand avenue to New York avenue, and to the extent of half the block at the intersecting streets.

No. 10. Both sides of Eighty-eighth street, from Narrows avenue to First avenue.
 All persons whose interests are affected by the above named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before December 15, 1908, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.
 ANTONIO ZUCCA,
 PAUL WEIMANN,
 JAMES H. KENNEDY,
 Board of Assessors.
 WILLIAM H. JASPER, Secretary, No. 320 Broadway.
 City of New York, Borough of Manhattan,
 November 13, 1908.

013,24

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, NO. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908.

FOR THE CONSTRUCTION OF THE FOUNDATIONS OF THE MUNICIPAL BUILDING.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications by July 1, 1909. The amount of security to guarantee the faithful performance of the work will be Two Hundred and Fifty Thousand Dollars (\$250,000). The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.
 J. W. STEVENSON, Commissioner.
 Dated November 12, 1908.

013,43

See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.
 THEODORE A. BINGHAM,
 Police Commissioner.

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York—Office, No. 209 State street, Borough of Brooklyn—for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.
 THEODORE A. BINGHAM,
 Police Commissioner.

BOARD MEETINGS.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Friday, at 10:30 o'clock a. m.
 JOSEPH HAAG,
 Secretary.

The Commissioners of the Sinking Fund meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.
 N. TAYLOR PHILLIPS,
 Deputy Comptroller, Secretary.

The Board of Revision of Assessments meets in the Old Council Chamber (Room 16), City Hall, every Thursday at 11 a. m., upon notice of the Chief Clerk.
 HENRY J. STORRS,
 Chief Clerk.

The Board of City Record meets in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.
 PATRICK J. TRACY,
 Supervisor, Secretary.

OFFICIAL PAPERS.

Morning—"The Sun," "The New York Times."
 Evening—"The Globe," "The Evening Mail."
 Weekly—"Democracy," "Tammany Times."
 German—"Staats-Zeitung."
 Designated by the Board of City Record, January 22, 1906. Amended March 1, 1906, November 20, 1906; February 20, 1907, and March 1, 1908.

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the Acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said Acts will be held at the office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Wednesdays and Fridays of each week, at 3 o'clock p. m., until further notice.
 Dated New York City, October 13, 1907.
 WILLIAM E. STILLINGS,
 GEORGE C. NORTON,
 LEWIS A. ABRAMS,
 Commissioners.

Lawyer McLoumber,
 Clerk.

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

THURSDAY, DECEMBER 3, 1908.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING 1,200 TONS OF BROKEN COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1908.
 The amount of security required is fifty per cent (50%) of the amount of the bid or estimate.
 The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.
 Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
 Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.
 JOHN V. COGGEY, Commissioner.
 Dated November 19, 1908.

010,43

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

TUESDAY, NOVEMBER 24, 1908.

Borough of Manhattan.

No. 1. FOR FURNISHING AND DELIVERING SUPPLIES FOR MANUFACTURING PURPOSES, ETC.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before 30 days.
 The amount of security required is fifty per cent (50%) of the amount of the bid or estimate.
 The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.
 Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
 Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.
 JOHN V. COGGEY, Commissioner.
 Dated November 12, 1908.

013,24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

TUESDAY, NOVEMBER 24, 1908.

Borough of Manhattan.

No. 1. FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAM FITTINGS, LUMBER AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before ten days.
 The amount of security required is fifty per cent (50%) of the amount of the bid or estimate.
 The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.
 Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
 Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.
 JOHN V. COGGEY, Commissioner.
 Dated November 12, 1908.

013,24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF STREET CLEANING.

ASHES, ETC., FOR FILLING IN LANDS.

PERSONS HAVING LANDS OR PLACES in the vicinity of New York Bay to fill in can procure material for that purpose—ashes, street sweepings, etc., collected by the Department of Street Cleaning—free of charge by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park row, Borough of Manhattan.
 FOSTER CROWELL,
 Commissioner of Street Cleaning.

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908.

Borough of Manhattan.

FOR FURNISHING AND ERECTING THREE RAIL PIPE FENCES AROUND THE GRASS PLOTS IN TOMPKINS SQUARE

PARK, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for the completion of the whole work will be seventy-five (75) consecutive working days.

The amount of the security required is Thirty-five Hundred Dollars (\$3,500).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Borough of Manhattan, Arsenal, Central Park.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of Manhattan.

FOR FURNISHING AND DELIVERING TWO HUNDRED AND FIFTY (250) TONS OF NO. 5 BUCKWHEAT COAL FOR METROPOLITAN MUSEUM OF ART, IN CENTRAL PARK, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for delivery is within thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Borough of Manhattan, Arsenal, Central Park.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of Manhattan.

FOR ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND ERECTING AN IRON RAILING AROUND THE GRASS PLOT IN BROADWAY, BETWEEN SIXTIETH AND SIXTY-FIRST STREETS, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The amount of security required is Seven Hundred and Fifty Dollars (\$750).

The time allowed to complete the whole work will be fifty (50) consecutive working days.

The bids will be compared and the contract awarded at a lump or aggregate sum in the lowest bidder.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Department of Parks, Borough of Manhattan, Arsenal, Central Park.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 10, 1908. Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FORAGE AT PROSPECT PARK, BOROUGH OF BROOKLYN.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FRESH BEEF AND FISH AT MENAGERIE, PROSPECT PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of the contract will be on or before December 31, 1909.

The amount of security required is One Thousand Dollars (\$1,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS FOR RECONSTRUCTING THE ROADWAY OF THE EASTERN BOULEVARD IN PELHAM BAY PARK, INCLUDING SURFACING WITH ASPHALTIC MIXTURE, FROM A POINT FOUR HUNDRED (400) FEET NORTH OF THE SPLIT ROCK ROAD TO THE NORTHERLY APPROACH OF THE NEW BRIDGE OVER EASTCHESTER BAY, AND FROM THE SOUTHERLY APPROACH OF SAID BRIDGE TO THE SOUTHERN BOUNDARY OF PELHAM BAY PARK, IN THE BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.

The time stipulated for the completion of the contract is June 1, 1909.

The amount of security required is Thirty Thousand Dollars (\$30,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Zbrovski Mansion, Clarendon Park, The Bronx.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of Manhattan.

FOR CONSTRUCTING FORTY (40) METAL STORAGE CABINETS FOR LABORATORIES, NEW WEST WING, AMERICAN MUSEUM OF NATURAL HISTORY, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed to complete the whole work will be ninety (90) consecutive working days.

The amount of security required is Thirteen Hundred Dollars (\$1,300).

The contracts must be bid for separately.

Parks, Borough of Manhattan, Arsenal, Central Park.

HENRY SMITH, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

Dated November 21, 1908. n11,d3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees at the above office until 3 o'clock p. m. on

MONDAY, NOVEMBER 30, 1908.

FOR ALL THE LABOR AND MATERIALS REQUIRED FOR THE EXCAVATING, PILING, MASON, FIREPROOFING, WATERPROOFING, CARPENTER, STEEL, ELECTRIC, HEATING AND VENTILATING, PLUMBING AND OTHER WORK FOR THE BOILER HOUSE AND COALING STATION OF THE NEW BELLEVUE HOSPITAL, SITUATED ON FIRST AVENUE, AND BOUNDED BY TWENTY-SIXTH AND TWENTY-NINTH STREETS, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The security required will be Two Hundred Thousand Dollars (\$200,000).

The time allowed for doing and completing the new work, repairs and alterations will not be more than four hundred and fifty (450) consecutive calendar days from the date of executing the contract.

The bids will be compared and the contract awarded at a lump or aggregate sum to the lowest bidder as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, No. 410 East Twenty-sixth street, Borough of Manhattan, where bids and deposits are also delivered.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.

Dated November 21, 1908. n17,d2

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, DECEMBER 3, 1908. Borough of Manhattan.

FOR FURNISHING AND DELIVERING SIX HUNDRED (600) TONS OF ANTHRACITE COAL FOR COMPANIES LOCATED NORTH OF FIFTIETH STREET, BOROUGH OF MANHATTAN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before February 1, 1909.

The amount of security required is Sixteen Hundred Dollars (\$1,600).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

NICHOLAS J. HAYES, Commissioner.

Dated November 20, 1908. n17,d1

See General Instructions to Bidders on the last page, last column, of the "City Record."

FIRE DEPARTMENT, CITY OF NEW YORK, BOROUGHS OF BROOKLYN AND QUEENS.

WILLIAM H. SMITH, AUCTIONEER, on behalf of the Fire Department of the City of New York, Boroughs of Brooklyn and Queens, will offer for sale at public auction, to the highest bidder, for cash, at the Standard Oil Works, Liberty Avenue and Berriman street, Borough of Brooklyn, on

MONDAY, NOVEMBER 30, 1908, at 1 o'clock p. m., the following twelve horses on longer bit for service in the Department, and known as Nos. 280, 133, 135, 306, 370, 427, 227, 577, 618, 746, 748 and 1302.

NICHOLAS J. HAYES, Fire Commissioner.

Dated November 20, 1908. n17,d2

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m. on

WEDNESDAY, DECEMBER 2, 1908. Borough of Manhattan.

No. 1. FOR FURNISHING AND DELIVERING TEN (10) TOP BUGGIES FOR CHIEF OFFICERS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

NICHOLAS J. HAYES, Fire Commissioner.

Dated November 17, 1908. n17,d2

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m. on

WEDNESDAY, NOVEMBER 25, 1908. Borough of Manhattan.

No. 1. FOR FURNISHING AND DELIVERING THREE EXTRA LARGE SIZE HOSE WAGONS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

NICHOLAS J. HAYES, Fire Commissioner.

Dated November 22, 1908. n17,d2

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m. on

TUESDAY, NOVEMBER 24, 1908. Borough of Manhattan.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW HEATING SYSTEM IN THE HEADQUARTERS BUILDING AND NEW ANNEX, LOCATED AT NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET AND NO. 152 EAST SIXTY-EIGHTH STREET.

The time for the completion of the work and the full performance of the contract is one hundred and fifty (150) days.

The amount of security required is Ten Thousand Dollars (\$10,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

seen at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan, NICHOLAS J. HAYES, Fire Commissioner. Dated November 11, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock P. M.

WEDNESDAY, DECEMBER 2, 1908.

FOR ALL MATERIALS AND LABOR REQUIRED FOR THE COMPLETE CONDUITING, ELECTRIC WIRING AND ALL OTHER WORK IN CONNECTION WITH THE INSTALLATION OF A COMPLETE ELECTRIC LIGHTING AND POWER SYSTEM FOR CERTAIN OF THE BUILDINGS AND GROUNDS UNDER THE JURISDICTION OF THE DEPARTMENT OF PUBLIC CHARITIES, AND INCLUDED IN THE METROPOLITAN HOSPITAL DISTRICT, BLACKWELLS ISLAND, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for doing and completing the entire work and the full performance of the contract is sixty (60) consecutive calendar days.

The surety required will be Ten Thousand Dollars (\$10,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of Raymond F. Almirall, Architect, No. 51 Chambers street, Borough of Manhattan, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD, Commissioner. Dated November 18, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock P. M.

TUESDAY, DECEMBER 1, 1908.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REMOVING THE FOUR HOSPITAL PAVILIONS LOCATED ON THE GROUNDS OF BELLEVUE HOSPITAL AND ERECTING SAME AT THE METROPOLITAN HOSPITAL, BLACKWELLS ISLAND, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is twenty (20) consecutive working days.

The surety required will be Two Thousand Dollars (\$2,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD, Commissioner. Dated November 17, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock P. M.

FRIDAY, NOVEMBER 27, 1908.

FOR PROVIDING ALL LABOR AND MATERIALS REQUIRED FOR THE COOKING SERVICE EQUIPMENT (INCLUDING REFRIGERATORS), GAS AND ELECTRIC FIXTURES AND FITTING UP (OTHER THAN THAT OF CLOSETS AND LINEN ROOMS) AND ALL OTHER WORK AS SET FORTH IN THE DRAWINGS AND SPECIFICATIONS, FOR THE ERECTION AND ENTIRE COMPLETION OF A RESIDENCE FOR THE SUPERINTENDENT, A RESIDENCE FOR THE MEDICAL STAFF, AND A DINING HALL AND KITCHEN BUILDING IN CONNECTION WITH THE CITY HOSPITAL, AT BLACKWELLS ISLAND, THE CITY OF NEW YORK.

The time allowed for doing and completing the entire work and the full performance of the contract is sixty (60) consecutive calendar days.

The surety required will be Ten Thousand Dollars (\$10,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of Raymond F. Almirall, Architect, No. 51 Chambers street, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD, Commissioner. Dated November 14, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock P. M.

MONDAY, NOVEMBER 30, 1908.

FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED FOR

THE EXCAVATION, MASONRY, STEEL AND IRON WORK, ROOFING AND METAL WORK, CARPENTRY, ELECTRIC WORK, HEATING AND VENTILATING WORK, PLUMBING WORK AND ALL OTHER WORK, AS SET FORTH IN THE DRAWINGS AND SPECIFICATIONS FOR THE CONSTRUCTION AND ENTIRE COMPLETION OF A TUBERCULOSIS INFIRMARY, FOR THE METROPOLITAN HOSPITAL DISTRICT, BLACKWELLS ISLAND, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for doing and completing the entire work and the full performance of the contract is three hundred and sixty-five (365) consecutive calendar days.

The surety required will be One Hundred Thousand Dollars (\$100,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of Raymond F. Almirall, Architect, No. 51 Chambers street, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD, Commissioner. Dated November 13, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock P. M.

TUESDAY, NOVEMBER 24, 1908.

FOR THE TRANSPORTATION AND BURIAL OF PAUPER DEAD IN THE BOROUGH OF QUEENS.

The time for the performance of the contract is during the year 1909.

The amount of security required is Seven Hundred and Fifty Dollars (\$750).

The bidder will state the price for the burial of each body, by which the bids will be tested. The bids will be read from the total and award made to the lowest bidder.

ROBERT W. HEBBERD, Commissioner. The City of New York, November 12, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF QUEENS.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD FLOOR OF THE BOROUGH HALL, FIFTH STREET AND JACKSON AVENUE, LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 o'clock A. M.

TUESDAY, NOVEMBER 24, 1908.

No. 1. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION THE ROADWAY OF WOODWARD AVENUE, FROM STANHOPE STREET TO ELM STREET, SECOND WARD.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be One Thousand Dollars (\$1,000).

The Engineer's estimate of the quantities is as follows: 3850 square yards of granite block pavement, including sand bed laid with sand joints, and all regulating and grading.

No. 2. FOR PAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF TEMPLE STREET, FROM BROADWAY TO JAMAICA AVENUE, FIRST WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Four Thousand Dollars (\$4,000).

The Engineer's estimate of the quantities is as follows: 400 cubic yards of concrete, including mortar bed.

3,200 square yards of wood block pavement.

No. 3. FOR PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF TEMPLE STREET, FROM BOULEVARD TO ELY AVENUE, FIRST WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Seven Thousand Five Hundred Dollars (\$7,500).

The Engineer's estimate of the quantities is as follows: 2,674 square yards of asphalt block pavement, 924 cubic yards of concrete, including mortar bed.

200 linear feet of old curb, to be redressed, rejoined and reset.

No. 4. TO CONSTRUCT SEWER AND APPURTENANCES IN VANDEVENTER AVENUE, FROM FOURTEENTH AVENUE TO ELEVENTH AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 430 linear feet 12-inch vitrified salt-glazed pipe sewer.

256 linear feet 15-inch vitrified salt-glazed pipe sewer.

2,000 feet (B. M.) timber for bracing and sheet piling.

Time allowed for doing and completing the above work will be 60 working days.

The amount of security required will be Five Hundred Dollars (\$500).

No. 5. TO CONSTRUCT A SEWER AND APPURTENANCES IN FREEMAN AVENUE, FROM ACADEMY STREET TO RADDE STREET, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 215 linear feet 12-inch vitrified salt-glazed pipe sewer.

288 linear feet 6-inch vitrified salt-glazed pipe for house connection.

2 manholes, complete.

25 cubic yards of rock, excavated and removed.

1,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

Time allowed for doing and completing the above work will be 60 working days.

The amount of security required will be Five Hundred Dollars (\$500).

No. 7. TO CONSTRUCT A TEMPORARY SEWER AND APPURTENANCES IN NINETEENTH STREET, FROM BAYSIDE AVENUE TO FOURTEENTH AVENUE, AT WHITESTONE, THIRD WARD.

The Engineer's estimate of the quantities is as follows: 700 linear feet 12-inch vitrified salt-glazed pipe sewer.

6 manholes, complete.

40 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

10,000 feet (B. M.) timber for bracing and sheet piling.

Time allowed for doing and completing the above work will be 60 working days.

The amount of security required will be Twelve Hundred Dollars (\$1,200).

No. 8. TO CONSTRUCT A RECEIVING BASIN AND APPURTENANCES ON THE NORTHEAST CORNER OF ELM STREET AND ELY AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 25 linear feet of 12-inch vitrified salt-glazed culvert pipe.

30 linear feet of 24-inch vitrified salt-glazed culvert pipe.

1 double inlet receiving basin, complete.

1,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 15 working days.

The amount of security required will be Two Hundred Dollars (\$200).

No. 9. TO CONSTRUCT TWO TEMPORARY CATCH BASINS AND APPURTENANCES ON TWENTY-EIGHTH STREET, BETWEEN FOURTEENTH AVENUE AND FIFTEENTH AVENUE, WHITESTONE, IN THE THIRD WARD.

The Engineer's estimate of quantities is as follows: 40 linear feet 12-inch vitrified salt-glazed culvert pipe.

2 receiving basins, complete.

5 cubic yards of rock, excavated and removed.

1,000 feet (B. M.) timber for foundation.

2,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 30 working days.

The time for the completion of the work and the full performance of the contract is 45 consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, City of New York.

THOMAS DARLINGTON, M. D., President.

ALVAH H. DOTY, M. D., THEODORE A. BINGHAM, Board of Health.

Dated November 18, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH, CORNER OF FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 12 o'clock A. M.

WEDNESDAY, NOVEMBER 25, 1908.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE A LAUNDRY BUILDING, TOGETHER WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THEREON, ON THE GROUNDS OF THE KINGSTON AVENUE HOSPITAL, AT KINGSTON AVENUE AND FENIMORE STREET, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is 225 consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, City of New York.

THOMAS DARLINGTON, M. D., President.

ALVAH H. DOTY, M. D., THEODORE A. BINGHAM, Board of Health.

Dated November 5, 1908.

See General Instructions to Bidders on the last page, last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 66 LAFAYETTE STREET, NEW YORK CITY, October 30, 1908.

PUBLIC NOTICE IS HEREBY GIVEN that applications for the following positions in the labor class will be received on and after MONDAY, NOVEMBER 16, 1908,

viz: Labor Class—Part I.

COAL PASSER. LICENSED FIREMAN.

Applications will be received at the ground floor of the new Criminal Court Building, corner White and Centre streets.

Applicants for the position of Licensed Fireman must present a license issued by the Police Department to the effect that they have qualified as licensed firemen.

FRANK L. FOLE, President.

R. ROSS APPLETON, ARTHUR J. O'KEEFE, Municipal Civil Service Commissioners.

FRANK A. SPENCER, Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 299 BROADWAY, NEW YORK, October 31, 1908.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from WEDNESDAY, NOVEMBER 4, UNTIL 12 M. SATURDAY, DECEMBER 5, 1908,

for the position of PATROLMAN, POLICE DEPARTMENT.

(NO APPLICATION RECEIVED BY THE COMMISSION, BY MAIL OR OTHERWISE, AFTER 12 M. ON DECEMBER 5 WILL BE ACCEPTED.)

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH, CORNER OF FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 12 o'clock A. M.

WEDNESDAY, DECEMBER 2, 1908.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO CONSTRUCT AN IRON AND TILE TRUNK SEWER AND BRANCH TILE SEWERS THROUGHOUT THE GROUNDS OF THE RIVERSIDE HOSPITAL, NORTH BROTHER ISLAND, CITY OF NEW YORK.

The time allowed for doing and completing the above work will be 60 working days.

The amount of security required will be Five Hundred Dollars (\$500).

No. 1. TO CONSTRUCT A SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 2. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 3. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 4. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 5. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 6. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

4 manholes, complete.

50 cubic yards of rock, excavated and removed.

2,000 feet (B. M.) timber for foundation.

5,000 feet (B. M.) timber for bracing and sheet piling.

The time allowed for doing and completing the above work will be 90 working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

No. 7. TO CONSTRUCT SEWER AND APPURTENANCES IN TWELFTH AVENUE, FROM GRAND AVENUE TO VANDEVENTER AVENUE, IN THE FIRST WARD.

The Engineer's estimate of quantities is as follows: 560 linear feet 12-inch vitrified salt-glazed pipe sewer.

576 linear feet 6-inch vitrified salt-glazed pipe for house connection.

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The subjects and weights are as follows:
 Physical development and strength..... 50
 Mental test..... 50

The subjects and weights of the mental test are as follows:
 Memory test..... 2
 Government..... 5
 Localities..... 1
 Arithmetic..... 2

Seventy per cent. will be required on the mental examination.
 Seventy per cent. will be required on strength.
 Seventy per cent. will be required on physical development.

Applications will not be received from persons who are less than twenty-three (23) years of age on December 1, 1908, or who are more than thirty (30) years of age.

Naturalized citizens must attach their naturalization papers to application.

Applicants will be notified later of the dates of the physical and mental examinations.

F. A. SPENCER,
 Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 399 BROADWAY, CITY OF NEW YORK.

PUBLIC NOTICE WILL BE GIVEN OF all competitive examinations two weeks in advance of the date upon which the receipt of applications for any scheduled examination will close. Applications will be received for only such examinations as are scheduled. No application will be accepted at the office of the Commission, by mail or otherwise, after the closing hour for the receipt of same set forth in the advertisement.

When an examination is advertised, a person desiring to compete in the same may obtain an application blank upon request made in writing or by personal application at the office of the Commission, Room 3109.

The Commission cannot guarantee that applications mailed in response to written requests will be received in time to permit of their being prepared and filed prior to closing hour.

All notices of examinations will be posted in the office of the Commission, and advertised in the City Record for two weeks in advance of the date upon which the receipt of applications will close for any stated position.

Public notice will also be given by advertisement in most of the City papers. Whenever an examination is of a technical character, due notice is given by advertisement in the technical journals pertaining to the particular profession for which the examination is called.

Such notices will be sent to the daily papers as matters of news. The scope of the examination will be stated, but for more general information application should be made at the office of the Commission.

Specimen questions of previous examinations may be obtained at Room 3108.

Unless otherwise specifically stated, the minimum age requirement for all positions is 21.

FRANK L. POLK,
 President;
 R. ROSS APPLETON,
 ARTHUR J. O'KEEFE,
 Commissioners.

F. A. SPENCER,
 Secretary.

DEPARTMENT OF FINANCE.

NOTICE TO PROPERTY OWNERS.

NOTICES OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1017 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of assessment for **OPENING AND ACQUIRING TITLE TO** the following-named street in the **BOROUGH OF BROOKLYN:**

THIRTIETH WARD, SECTION 17.

FOURTY-SIXTH STREET—OPENING. In taxes Twelfth and Seventeenth avenues. Confirmed September 17, 1908; entered November 24, 1908. Area of assessment includes all those lands, tenements and hereditaments and premises situate, being and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, to-wit:

Beginning at a point formed by the intersection of the northwesterly line of Seventeenth avenue and the center line of the blocks between Forty-seventh and Forty-sixth streets, and extending thence northwesterly along said center line to its intersection with the southeasterly line of Twelfth avenue; thence northwesterly along said southeasterly line of Twelfth avenue to its intersection with the center line of the blocks between Forty-sixth street and Forty-fifth street; thence southeasterly along said last mentioned center line to its intersection with the northwesterly line of Seventeenth avenue; thence southwesterly along said northwesterly line of Seventeenth avenue to the point or place of beginning, as such area is shown upon benefit maps.

The above-entitled assessment was entered on the day hereinafter given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of entry of the assessment, interest will be collected thereon, as provided in section 159 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of said assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 22, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 23, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for **LOCAL IMPROVEMENTS** in the **BOROUGH OF QUEENS:**

FIRST WARD.

ELEVENTH AVENUE—PAVING. from Broadway to Newtown road. Area of assessment: Both sides of Eleventh avenue, from Broadway to Newtown road, and to the extent of half the block at the intersecting streets.

SECOND WARD.

NORMAN STREET—REGULATING, GRADING, CURBING AND FLAGGING. from Wyckoff avenue to Cypress avenue. Area of assessment: Both sides of Norman street, from Wyckoff avenue to Cypress avenue, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Revision of Assessments, November 19, 1908, and entered on November 19, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Hackett Building, No. 57 Jackson avenue, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 18, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 19, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for **LOCAL IMPROVEMENTS** in the **BOROUGH OF RICHMOND:**

FIFTH WARD.

TEMPORARY OUTLET EXTENSION OF THE SANITARY SEWER IN FISHER AVENUE. from the terminus of the present sewer to a point about 225 feet, more or less, northward, and for **COMPLETING A SYSTEM OF PIPE SEWERS** in the former Village of **TOTTENVILLE**, now in the Fifth Ward, Borough of Richmond. Area of assessment: Both sides of Fisher avenue, from Amboy road to Arthur, Kills or Staten Island Sound; both sides of Wood avenue, from Amboy road to Broadway; both sides of a lane which is almost with Wood avenue extending along from Broadway to the Staten Island Railroad; both sides of Centre street, from Amboy road to Broadway; both sides of William street, from Amboy road to Broadway; both sides of Broadway, from Johnson avenue to a point about 225 feet east of Fisher avenue; both sides of Amboy road, commencing about 50 feet west of Bentley street, and extending westerly to Fisher avenue; both sides of Eureka place and Ella avenue, from Amboy road to Maine street; both sides of Butler avenue, from Eureka place to Amboy road; both sides of Washington avenue, from Bentley street to Maine street; both sides of an alley lying between Lafayette street and Maine street, and extending southerly on both sides of said alley about 400 feet.

—that the same were confirmed by the Board of Revision of Assessments November 19, 1908, and entered on November 19, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 23, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 19, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for **LOCAL IMPROVEMENTS** in the **BOROUGH OF THE BRONX:**

TWENTY-FOURTH WARD, SECTION 11.

SEWER AND APPURTENANCES IN ANTHONY AVENUE. between Burnside avenue and East One Hundred and Seventy-ninth street; in **BUSH STREET**, between Anthony avenue and the Grand Boulevard and Concourse; in **GRAND BOULEVARD AND CONCOURSE**, east side, between Bush street and East One Hundred and Seventy-ninth street, and in **EAST ONE HUNDRED AND SEVENTY-NINTH STREET**, between Anthony avenue and the Grand Boulevard and Concourse. Area of assessment: Blocks bounded by Anthony avenue, the Grand Boulevard and Concourse, One Hundred and Seventy-eighth street and Burnside avenue; east side of Anthony avenue, from One Hundred and Seventy-eighth street to Burnside avenue, and both sides of Anthony avenue, from Burnside avenue to One Hundred and Eighty-eighth street; north side of Burnside avenue, from Anthony avenue to the Grand Boulevard and Concourse; southwest corner of East One Hundred and Eighty-eighth street and Grand Boulevard and Concourse.

—that the same was confirmed by the Board of Revision of Assessments on November 19, 1908, and entered November 19, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 18, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 19, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for **LOCAL IMPROVEMENTS** in the **BOROUGH OF QUEENS:**

FIRST WARD.

SECOND AVENUE—SEWER. from Paynter avenue to the crown south of Pierce avenue, and from Graham avenue to Jamaica avenue, and from Grand avenue to Newtown avenue. Area of assessment: Both sides of Second avenue, between Paynter avenue and Pierce avenue; between Grand and Newtown avenues; north side of Paynter avenue, from First to Second avenue; both sides of Beale avenue; Freeman avenue, from First to Second avenue; both sides of Webster avenue, from First to Third avenue; south side of Washington avenue, from First to Second avenue.

—that the same was confirmed by the Board of Assessors, November 17, 1908, and entered on November 17, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Hackett Building, No. 57 Jackson avenue, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 16, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 17, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for **LOCAL IMPROVEMENTS** in the **BOROUGH OF MANHATTAN:**

TWELFTH WARD, SECTION 2.

FAIRVIEW AVENUE—SEWER. between Broadway and St. Nicholas avenue. Area of assessment: Both sides of Fairview avenue, from Broadway to St. Nicholas avenue; east side of Broadway, extending about 408 feet south of Fairview avenue.

—that the same was confirmed by the Board of Assessors on November 17, 1908, and entered November 17, 1908, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the

amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 16, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 17, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for **LOCAL IMPROVEMENTS** in the **BOROUGH OF BROOKLYN:**

TWENTY-SECOND WARD, SECTION 4.

FOURTH STREET—REGULATING, GRADING, CURBING AND LAYING CEMENT SIDEWALKS. between Eighth avenue and Prospect Park West. Area of assessment: Both sides of Fourth street, from Eighth avenue to Prospect Park West.

TWENTY-FOURTH WARD, SECTION 5.

DEAN STREET—REGULATING, GRADING, CURBING AND LAYING CEMENT SIDEWALKS. between Tray and Schenectady avenues. Area of assessment: Both sides of Dean street, from Tray to Schenectady avenue, and to the extent of half the block at the intersecting avenues.

TWENTY-SIXTH WARD, SECTION 17.

WILLIAMS AVENUE—REGULATING, GRADING AND CURBING. between New Lots road and Louisiana avenue. Area of assessment: Both sides of Williams avenue, from New Lots road to Louisiana avenue, and to the extent of half the block at the intersecting streets.

TWENTY-SIXTH WARD, SECTION 13.

CLINTON PLACE—SEWER. from Crescent street to a point 275 feet westerly therefrom. Area of assessment: Both sides of Clinton place, from Crescent street to a point about 325 feet westerly.

TWENTY-NINTH WARD, SECTION 15.

HAWTHORNE STREET—PAVING. between Nostrand and New York avenues. Area of assessment: Both sides of Hawthorne street, from Nostrand to New York avenue, and to the extent of half the block at the intersecting streets.

THIRTIETH WARD, SECTION 17.

FIFTY-THIRD STREET—REGULATING, GRADING, CURBING AND LAYING CEMENT SIDEWALKS. between Fort Hamilton and Eleventh avenues. Area of assessment: Both sides of Fifty-third street, from Fort Hamilton to Eleventh avenue, and to the extent of half the block at the intersecting streets.

THIRTIETH WARD, SECTION 18.

SIXTY-FIRST STREET—REGULATING, GRADING, CURBING AND LAYING CEMENT SIDEWALKS. between Third and Fourth avenues. Area of assessment: Both sides of Sixty-first street, from Third to Fourth avenue, and to the extent of half the block at the intersecting avenues.

—that the same were confirmed by the Board of Assessors on November 17, 1908, and entered November 17, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 16, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

HERMAN A. METZ, Comptroller,
 City of New York, Department of Finance,
 Comptroller's Office, November 17, 1908.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.

AT THE REQUEST OF THE BRIDGE Commissioners, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, etc., now standing on property owned by The City of New York, acquired by it for bridge purposes, in the

Borough of Manhattan.

Being all those buildings, parts of buildings, etc., situated within the lines of property taken

for bidder purposes between Monroe street and the Bowery, and more particularly described as being all or part of the buildings known as No. 12 Bayard street, No. 6 Forsyth street, No. 8 Forsyth street, No. 77 Henry street, No. 125 Madison street, No. 125 Madison street, No. 53 Monroe street and No. 69 Monroe street; all of which buildings are more particularly described on a map on file in the office of the Collector of City Revenue, Department of Finance, Room 241, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, the sale of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

TUESDAY, NOVEMBER 24, 1908,

at 11 a. m., on the premises, under the following

TERMS AND CONDITIONS.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of the City of New York, and must also at the time of sale give a certified check or cash in full the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of fifty dollars the sum of fifty dollars shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the sidewalk and curb in front of said buildings, extending within the described area and down to the level of the cellar bottom, shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point; also the foundation walls of all classes shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers, Borough of Manhattan, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portions, as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser cause the same to be removed, and the costs and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damages and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All ferrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls, are to be taken down and removed. The walls shall be made permanently self-supporting, beam-ends, etc., bricked up, and the wall painted and made to exclude wind and rain and present a clean exterior. The roofs of adjacent buildings shall be properly braced and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of the City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids, and it is further

Resolved, That, while the said sale is held under the authorization of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

H. A. METZ, Comptroller,
City of New York, Department of Finance,
Comptroller's Office, November 19, 1908.

n19,26

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1048 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessments for OPENING AND ACQUIRING TITLE

to the following named street in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTIONS 9, 10 AND 11.

EAST ONE HUNDRED AND FORTY-NINTH STREET—OPENING. from the South-cira boulevard to the east side of Austin place. Confirmed May 26, 1908; entered November 16, 1908. Area of assessment includes each and every parcel of land in the Twenty-third Ward, Borough of The Bronx, of the said City, to an amount in each case which we have deemed said parcel or parcels of land benefited by said widening and improvement, under chapter 613 of the Laws of 1906.

The above entitled assessment was entered on the date hereinafter given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1204 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 120 of this act."

Section 120 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 15, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller,
City of New York, Department of Finance,
Comptroller's Office, November 16, 1908.

n18,41

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessments for LOCAL IMPROVEMENTS in the EIGHTH WARD OF THE BOROUGH OF BROOKLYN, pursuant to the provisions of chapter 365 of the Laws of 1889, and the act amendatory thereof, and chapter 378 of the Laws of 1897, and chapter 406 of the Laws of 1901 amendatory thereof, to wit:

FORTY-FIRST STREET—GRADING AND PAVING. from Second avenue to Third avenue. Area of assessment: Both sides of Forty-first street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-FIRST STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-first street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-THIRD STREET—GRADING. from Fifth avenue to the old city line (excepting from Fifth avenue to Seventh avenue). Area of assessment: Both sides of Forty-third street, from Seventh avenue to the old city line, and to the extent of one-half the blocks on Seventh and Eighth avenues.

FORTY-FOURTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Forty-fourth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-FOURTH STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-fourth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-FIFTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Forty-fifth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-SIXTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Forty-sixth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-SIXTH STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-sixth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-SEVENTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Forty-seventh street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FORTY-EIGHTH STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-eighth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues; also Lots Nos. 22 to 24, inclusive, of Block 220; also Lots Nos. 9 to 12, inclusive, of Block 220; also Lot No. 39, of Block 220.

FORTY-EIGHTH STREET—GRADING. from Fifth avenue to old city line. Area of assessment: Both sides of Forty-eighth street, between Fifth avenue and the old city line, and to the extent of one-half the blocks on the intersecting and terminating avenues; also Lots Nos. 23 to 25, inclusive, of Block 220; also Lots Nos. 9 to 12, inclusive, of Block 220; also Lot No. 39, of Block 220.

FIFTIETH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Fiftieth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-SECOND STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-second street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues; also Lots Nos. 102 and 111 of Block 222.

FIFTY-THIRD STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-third street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-FOURTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Fifty-fourth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-FIFTH STREET—GRADING AND PAVING. from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-fifth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-SEVENTH STREET—GRADING AND PAVING. from First avenue and Second avenue. Area of assessment: Both sides of Fifty-seventh street, between First and Second avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-SEVENTH STREET—GRADING AND PAVING. from Second to Third avenue. Area of assessment: Both sides of Fifty-seventh street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

FIFTY-SEVENTH STREET—GRADING AND PAVING. from Fifth to Sixth avenue. Area of assessment: Both sides of Fifty-seventh street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

SIXTH AVENUE—GRADING AND PAVING. from Thirty-ninth street to Forty-first street. Area of assessment: Both sides of Sixth avenue, between Thirty-ninth and Forty-first streets, and to the extent of one-half the blocks on the intersecting and terminating streets.

SIXTH AVENUE—GRADING. from Thirty-ninth street to the old city line. Area of assessment: Both sides of Sixth avenue, from Thirty-ninth street to the old city line, and to the extent of one-half the blocks on the following named intersecting streets, viz.: Forty-first, Forty-second, Forty-third, Forty-fourth, Forty-fifth, Forty-sixth, Forty-seventh, Forty-eighth, inclusive, Fiftieth to Fiftyninth, inclusive.

SIXTH AVENUE—GRADING AND PAVING. from Forty-fourth street to old city line. Area of assessment: Both sides of Sixth avenue, from Forty-fourth street to old city line, and to the extent of one-half the blocks on the intersecting streets, excepting Forty-ninth street.

SEVENTH AVENUE—GRADING. from Thirty-ninth street to old city line. Area of assessment: Both sides of Seventh avenue, from Thirty-ninth street to the old city line, and to the extent of one-half the blocks on the intersecting streets west of Seventh avenue; also to the same extent on the intersecting streets between Thirty-ninth and Fifty-second streets east of Seventh avenue; also on the intersecting streets from Fifty-second to Fifty-sixth street, between Seventh avenue and the city line.

—that the same were confirmed by the Supreme Court, Kings County, on November 9, 1908, and that the Board of Assessors of the City of New York thereafter levied and assessed the "Ninth Installment" thereon, and transmitted the same to the Comptroller on November 14, 1908, for entry and collection.

That the "Ninth Installment" in each case is now due and payable, and unless the amount thereof assessed for benefit on any person or property shall be paid within sixty days after December 1, 1908, interest shall be charged, collected and received thereon at the rate of seven per cent. per annum, to be calculated from December 1, 1908, to the date of payment.

The owner of any parcel of land assessed for any of the foregoing assessments may, pursuant to the provisions of chapter 365, Laws of 1889, as amended by chapter 422, Laws of 1891, chapter 329, Laws of 1895, and chapter 736, Laws of 1896, at any time after the first installment becomes due and payable, pay all the installments not levied of said assessment, and the same will be thereupon canceled.

The above assessments are payable to the Collector of Assessments and Arrears, at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics' Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 25, 1909, will be exempt from interest as above provided.

HERMAN A. METZ, Comptroller,
City of New York, Department of Finance,
Comptroller's Office, November 14, 1908.

n17,61

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF the Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF QUEENS:

FIRST WARD.

BARTOW STREET—SEWER. between Jackson avenue and Webster avenue. Area of assessment: Both sides of Bartow street, from Jackson avenue to Webster avenue.

THIRTEENTH AVENUE—SEWER. from Vandewater avenue to Grand avenue. Area of assessment: Both sides of Thirteenth avenue, from Vandewater avenue to Grand avenue.

FIFTEENTH AVENUE—REGULATING, GRADING, CURBING, FLAGGING AND LAYING CROSSWALKS. from Broadway to Newtown road. Area of assessment: Both sides of Fifteenth avenue (Klyster street), from Broadway to Newtown road, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors, November 10, 1908, and entered on November 10, 1908, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 120 of this act."

Section 120 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Hackett Building, No. 51 Jackson avenue, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. until 12 m., and all payments made thereon on or before January 9, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of in-

terest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

HERMAN A. METZ, Comptroller,
City of New York, Department of Finance,
Comptroller's Office, November 10, 1908.

n13,25

CORPORATION SALE OF BUILDINGS, MACHINERY AND APPURTENANCES THEREON, ERECTED UPON PROPERTY OWNED BY THE CITY OF NEW YORK.

PUBLIC NOTICE IS HEREBY GIVEN that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, machinery and appurtenances thereto, now standing upon property owned by The City of New York, acquired for the use of the terminal for the Manhattan side of the Brooklyn Bridge, the said buildings being situated in the

Borough of Manhattan,

and being more particularly within the area of the following known property:

All of the buildings situated and now standing upon land within the area of the block bounded by the north side of Chambers street, the south-easterly side of City Hall place and the southerly and southwesterly side of Duane street, in the Borough of Manhattan, all of which property is situated within Block 150 on the land map of the County of New York.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held February 20, 1907, the sale of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, NOVEMBER 27, 1908,

at 11 a. m. on the premises under the following

TERMS AND CONDITIONS.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of the City of New York, and must also at the time of sale give a certified check or cash in full the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of fifty dollars, the sum of fifty dollars shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the sidewalk and curb in front of said buildings, extending within the described area and down to the level of the cellar bottom, shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point; also the foundation walls of all classes shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers, Borough of Manhattan, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of the possession will work forfeiture of ownership of such buildings, appurtenances, or portions as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, except as regards the East River Savings Bank Building, in which case sixty days will be allowed for removal, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the costs and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, as hereinafter provided, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All ferrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls, are to be taken down and removed. The walls shall be made permanently self-supporting, beam-ends, etc., bricked up, and the wall painted and made to exclude wind and rain and present a

clean exterior. The roofs of adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

H. METZ, Comptroller.

City of New York, Department of Finance, Comptroller's Office, November 10, 1908.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

TWELFTH WARD, SECTION 8.

WEST ONE HUNDRED AND EIGHTIETH STREET—PAVING, CURBING AND RECURBING, between Amsterdam Avenue and Broadway. Area of assessment: Both sides of West One Hundred and Eightieth Street, from Amsterdam Avenue to Broadway, and to the extent of half the block at the intersecting streets.

—That the same was confirmed by the Board of Assessors on November 10, 1908, and entered November 10, 1908, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said Section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 110 of this act."

Section 110 of this act provides: "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room 11, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 9, 1909, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ, Comptroller.
City of New York, Department of Finance, Comptroller's Office, November 10, 1908.

OFFICIAL BOROUGH PAPERS.

BOROUGH OF THE BRONX.

"The Bronx Star," "North Side News," "Bronx Independent."

BOROUGH OF RICHMOND.

"Staten Island World," "Richmond County Herald."

BOROUGH OF QUEENS.

The "Daily Dispatch" (First, Second, Third, Fourth and Fifth Wards), "Long Island Star" (First and Second Wards), "Flushing Evening Journal" (Third Ward), "Long Island Farmer" (Fourth Ward), "Rockaway News" (Fifth Ward).

BOROUGH OF BROOKLYN.

"Brooklyn Eagle," "Brooklyn Times," "Brooklyn Citizen," "Brooklyn Standard-Union," "Brooklyn Free Press."

BOROUGH OF MANHATTAN.

"Real Estate Record and Guide" (Harlem District), "Manhattan and Bronx Advocate" (Washington Heights, Morningside Heights and Harlem Districts).

Designated by Board of City Record June 10, 1906. Amended June 20, 1906; September 30, 1907; February 24, 1908; March 3 and 10, and August 4, 1908.

BOARD OF ESTIMATE AND APPORTIONMENT.

PUBLIC NOTICE IS HEREBY GIVEN that at a meeting of the Board of Estimate and Apportionment, held this day, the following proceedings were had:

Whereas, The Bronx Traction Company has, under date of July 28, 1908, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate a street surface railway upon and along Clasons Point road, from Westchester Avenue to Long Island Sound, in the Borough of The Bronx; and

Whereas, Section 52 of the Railroad Law and sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 429 and 630 of the Laws of 1905, provide for the manner and procedure of making such grant; and

Whereas, In pursuance of such laws, this Board adopted a resolution on October 2, 1908, fixing the date for public hearing thereon as October 30, 1908, at which citizens were entitled to appear and be heard, and publication was had for at least fourteen (14) days in the "New York Sun" and the "New York Tribune," newspapers designated by the Mayor, and in the City Record for ten days immediately prior to the date of hearing, and the public hearing was duly had on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to the Bronx Traction Company, and the adequacy of the compensation proposed to be paid therefor; now therefore it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the Bronx Traction Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Bronx Traction Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all of the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

BRONX TRACTION COMPANY.

Proposed Form of Contract.

This contract, made this day of 1908, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Bronx Traction Company (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the terms and conditions hereinafter set forth, the right and privilege to construct, maintain and operate a double track extension to its present street surface railway, with the necessary wires and equipment for the purpose of conveying passengers in the Borough of The Bronx, City of New York, upon the following route:

Beginning at and connecting with the existing double track street surface railway on Westchester Avenue, at the intersection of said Avenue with Clasons Point road, and running thence easterly to, upon and along said Clasons Point road to the public place at the easterly terminus thereof, and running thence, with a loop, to, upon and along said public place. The said route, with turnouts, switches and crossovers hereby authorized is shown upon a map entitled:

"Map showing proposed railway of Bronx Traction Co. in the Borough of The Bronx, City of New York, to accompany petition to the Board of Estimate and Apportionment, dated July 28, 1908."

—and signed by Edward A. Maher, President, and T. F. Madlary, Chief Engineer, a copy of which is attached hereto, is to be deemed a part of this contract, and is to be construed with the text thereof, and is to be substantially followed; provided, that deviations therefrom and additional covenants, switches and crossovers which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Sec. 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within six months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall, within one month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company for the term of fifteen (15) years from the date upon which this con-

tract is signed by the Mayor, with the privilege of renewal of said contract for the further period of twenty (20) years, upon a fair re-valuation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding twenty (20) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the valuation aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of this original contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may take their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under such. The valuation so ascertained, fixed and determined shall be conclusive upon both parties, but an annual sum shall, in any event, be less than the sum required to be paid for the last year of this original contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate therefore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Third—The Company shall pay to the City for this privilege the following sum of money: The sum of three thousand five hundred dollars (\$3,500) in cash, within thirty (30) days after the date on which this contract is signed by the Mayor.

During the first term of five years an annual sum, which shall in no case be less than three hundred and seventy-five dollars (\$375), and which shall be equal to three per cent. of its gross annual receipts if such percentage shall exceed the sum of three hundred and seventy-five dollars (\$375).

During the second term of five years an annual sum which shall in no case be less than six hundred and eighty-seven dollars (\$687) and which shall be equal to five per cent. of its gross annual receipts if such percentage shall exceed the sum of six hundred and eighty-seven dollars (\$687).

During the third term of five years an annual sum which shall in no case be less than seven hundred and fifty-five dollars (\$755), and which shall be equal to five per cent. of its gross annual receipts if such percentage shall exceed the sum of seven hundred and fifty-five dollars (\$755).

The gross annual receipts mentioned above shall be that portion of the gross receipts of the Company as shall bear the same proportion to its whole gross receipts as the length of the extension hereby granted shall bear to the entire length of the line in operation.

The payment of such minimum sums shall begin from the date on which this contract is signed by the Mayor.

All such sums as above shall be paid into the treasury of the City on November 1 of each year, and shall be for the amount due on September 30 next preceding.

Whenever the percentage required to be paid shall exceed the minimum amount as above, such sum over and above such minimum shall be paid to the said Comptroller on or before November 1 in each year for the year ending September 30 next preceding. The fiscal year shall end on September 30 next preceding said date of payment, and provisions of the Railroad Law as it now exists, or as it may hereafter be amended, relating to the manner of payments and statements of percentages of gross receipts of street railway companies not inconsistent with this contract, shall be strictly complied with.

The intention of this paragraph is to fix an annual charge to be paid by the Company, its successors or assigns, to The City of New York for the rights and franchises hereby granted, and it shall not be construed as providing for the payment by the Company, its successors or assigns, of a percentage of gross receipts within the meaning of any general or special statute, referring particularly to chapter 340 of the Laws of 1892.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid by any ordinance of the City or by any law of the State of New York.

Fourth—Upon the termination of this original contract, or if the same be renewed, then, at the termination of the said renewal term, or upon the termination of the rights hereby granted for any other cause, or upon the dissolution of the Company before such termination, the tracks and equipment of the Company constructed pursuant to this contract within the streets, avenues and highways shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this grant as above the City (by the Board) shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its tracks and other equipment constructed pursuant to this contract, and the said streets, avenues and highways shall be restored to their original condition at the sole cost and expense of the Company.

Fifth—The annual charges or payments shall continue throughout the whole term of this contract, whether original or renewal, notwithstanding any clause in any statute or in the charter of any other railway or railroad company providing for payments for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, whether original or renewal, or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding; and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, its successors or assigns, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, or its successors in authority, evidenced by its instrument under seal, anything herein contained to the contrary thereof in any law, notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Seventh—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege upon the same or other streets and conditions, over the same streets, avenues or highways herein above described in section 1.

The use of said railway which shall be constructed by the Company under this contract, including the tracks, wires and other equipment, or any structures in public streets and avenues owned by the Company and used in connection therewith, shall be permitted by the Company to any individual or corporation to which the City may have granted, or may hereafter grant, the right or privilege to use such streets, avenues or highways herein above described in section 1, for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company, which shall be equal to the legal interest on such proportion of the whole cost of the construction of such railway and structures and of the cost of keeping the tracks and track equipment in repair, as the number of cars operated by such company or individual shall bear to the number of cars operated by the company then using the same, together with the actual cost of the power necessary for the operation of the cars thereon at such individual or corporation and the cost of laying and repairing of pavement and removal of snow and ice, and all the other duties imposed upon the Company by the terms of this contract, in connection with the maintenance or the operation of the said railway as used. Provided, however, that if in the opinion of the Company the legal rate of interest on the cost of such railway shall be an insufficient sum to pay for the use of such tracks, it may appeal to the Board, and the Board may fix a percentage of the cost to be paid to the Company at a sum in excess of the legal rate of interest, if in its opinion such action is justified.

The Company shall not at any time oppose, but shall, upon the request of the Board, consent to the construction or operation of any street surface railway which may be deemed to be in the public interest of the City, which shall be constructed by the Company pursuant to this contract.

Eighth—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railroads in the Borough of The Bronx, or by any other motive power, except locomotive steam power or horse power, which may be approved by the Board, and consented to by the abutting property owners, in accordance with the provisions of law, and by the Public Service Commission of the First District of the State of New York.

Ninth—The Company shall commence construction of the railway herein authorized within six months from the date upon which the consents of the property owners are obtained, or from the date upon which the decision of the Appellate Division of the Supreme Court that such railway ought to be constructed is rendered in lieu of such consents, and shall complete the construction and place the same in full operation within one year from the date of obtaining such consents or such decision, otherwise this right shall cease and determine, and all sums paid, or which may be deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City; provided, that such periods may be extended by the Board for a period or periods not exceeding in the aggregate six months each, and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Tenth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

Eleventh—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway appliances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time the rights hereby granted shall cease and determine.

Twelfth—The rate of fare for any passenger upon such railway shall not exceed five (5) cents, and the Company shall not charge any passenger more than five (5) cents for one continuous ride

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, NO. 57 CHAMBERS STREET (STEWART BUILDING), NEW YORK, October 23, 1908.

IMPORTANT TO TAXPAYERS.

NOTICE IS HEREBY GIVEN TO ALL persons whose taxes for the year 1908 have not been paid before the 1st day of November, of the said year, that unless the same shall be paid to the Receiver of Taxes at his office in the Borough in which the property is located, as follows:

- Borough of Manhattan, No. 37 Chambers street, Manhattan, N. Y.;
- Borough of The Bronx, corner Third and Tremont avenues, The Bronx, N. Y.;
- Borough of Brooklyn, Rooms 2, 4, 6 and 8, Municipal Building, Brooklyn, N. Y.;
- Borough of Queens, corner Jackson Avenue and Fifth street, Long Island City, N. Y.;
- Borough of Richmond, Borough Hall, St. George, Staten Island, N. Y.;

—he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to an amount of such taxes, interest at the rate of seven per centum per annum, to be calculated from the day on which the said taxes become due and payable (October 5), as provided in section 514, as amended by chapter 447, Laws of 1908.

DAVID E. AUSTEN,
Receiver of Taxes.
023,dt

DEPARTMENT OF FINANCE, CITY OF NEW YORK, December 14, 1908.

UNTIL FURTHER NOTICE AND UNLESS otherwise directed in any special case safety companies will be accepted as sufficient upon the following contracts to the amounts named:

- Supplies of Any Description, including Gas and Electricity—
- One company on a bond up to \$50,000.
- Two companies on a bond up to \$125,000.
- Three companies on a bond up to \$200,000.
- Asphalt, Asphalt Block and Wood Block Pavements—
- Two companies on a bond up to \$50,000.
- Three companies on a bond up to \$125,000.
- Regulating, Grading, Paving, Sewers, Water Mains, Dressing, Construction of Parks, Parkways, Etc.—
- One company on a bond up to \$25,000.
- Two companies on a bond up to \$75,000.
- Three companies on a bond up to \$150,000.
- Four companies on a bond up to \$250,000.
- New Docks, Buildings, Bridges, Aqueducts, Tunnels, Etc.—
- One company on a bond up to \$25,000.
- Two companies on a bond up to \$75,000.
- Three companies on a bond up to \$150,000.
- Four companies on a bond up to \$250,000.
- Repairs, Ventilating, Heating, Plumbing, Etc.—
- One company on a bond up to \$25,000.
- Two companies on a bond up to \$75,000.
- Three companies on a bond up to \$150,000.
- Four companies on a bond up to \$250,000.

On bonds recorded as hazardous risks additional security will be required as the Comptroller sees fit in each instance.

All bonds exceeding \$250,000 will by that fact alone be considered hazardous risks, no matter what the nature of the work.

H. A. METZ,
Comptroller.

from any point on said railway, or a line or branch operated in connection therewith, to any point thereof, or any connecting line or branch thereof, within the limits of the City.

The Company shall carry free upon the railway hereby authorized during the term of this contract all members of the Police and Fire Departments of the City, when such employees are in full uniform.

The rate for the carrying of property over the said railway upon the cars of the Company shall in all cases be reasonable in amount, subject to the control of the Board, or its successors in authority, and may be fixed by such Board after notice to the Company and a hearing had thereon, and when so fixed such rate shall be binding upon the Company, its successors or assigns, and no greater sums shall be charged for such service than provided for by it.

Twentieth—No cars shall be operated upon the railway hereby authorized, other than passenger cars, cars for the transportation of express matter and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway; and the tracks hereby authorized shall not be used for the storage of cars.

Twenty-first—Cars on the said railway shall run at intervals of not more than thirty minutes both day and night, and as much oftener as reasonable convenience of the public may require or as may be directed by the Board.

Provided, however, that the Company, during the first five years of this contract, shall not be required to operate its cars between the hours of 1 o'clock a. m. and 5 o'clock a. m. each day, unless the Board shall determine after a hearing had through the public convenience requires the operation of cars during said hours.

Twenty-second—The Company shall attach to each car run over the said railway proper fenders and wheel guards, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Twenty-third—All cars which are operated on said railway shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Twenty-fourth—The Company, so long as it shall continue to use any of the tracks upon the streets and avenues in which said railway shall be constructed, shall cause to be watered, at least three times every twenty-four hours when the temperature is above 40 degrees Fahrenheit, the entire width of the streets and avenues, except when the width of such streets and avenues shall exceed 60 feet between curb lines, in which case the Company shall cause to be watered only 10 feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets and avenues in a satisfactory manner.

Twenty-fifth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by the Board.

Twenty-sixth—The Company shall at all times keep the streets, avenues or highways upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of a foot beyond the rails, on either side thereof, free and clear from ice and snow, provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Twenty-seventh—The Company shall cause to be paved that portion of the street between its tracks, the rails of its tracks and two feet in width outside of its tracks upon and along the streets, avenues and highways of the routes hereby authorized, which are now either unpaved or paved with macadam. The work of such paving shall be done under the supervision of the Municipal authorities having jurisdiction in such matters. Such authorities shall designate the character of the pavement to be laid.

As long as the said railway, or any portion thereof, remains in the street, avenue or highway, the Company shall here and keep in permanent repair that portion of the surface of the street, avenue or highway in which said railway is constructed, between its tracks, the rails of its tracks, and for a distance of two feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe. And the City shall have the right to change the material or character of the pavement of any street, avenue or highway, and in that event the Company, its successors or assigns, shall be bound to replace such pavement in the manner directed by the proper City officer, at its own expense, and the provision as to repairs herein contained shall apply to such renewal or altered pavement.

Twenty-eighth—Any alteration to the sewerage or drainage system, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Twenty-ninth—Before any construction shall be commenced upon any portion of the route, written permits shall be obtained from the President of the Borough of The Bronx and the Commissioners of Water Supply, Gas and Electricity, and the Company shall comply with any conditions which these officials may impose, as a condition upon which such permit is granted, provided such conditions are imposed for the purpose of protecting the structures over which these officials have jurisdiction.

Thirtieth—The Company agrees to comply with any and all of the rules which may be made by the Commissioner of Water Supply, Gas and Electricity for the purpose of preventing the destruction of the pipes or structures in the street by electrolysis, which may be caused by the electric current used by the Company, whether such rules affect the method of the original construction of said railway or any reconstruction, maintenance or repairs upon such railway at any time during the term of this contract.

Thirty-first—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense, protect or move the tracks and appurtenances in a manner as directed by the President of the Borough of The Bronx.

Thirty-second—Should the grades or lines of the streets in which franchises are herein granted be changed at any time during the term of this contract, the Company shall, at its own expense, change its tracks to conform with such new grades and lines, and during the construction of any public improvement upon said street the Company shall take care of and protect the track at its own expense, all to be done subject to the direction of the President of the Borough of The Bronx.

Thirty-third—Upon one year's notice from the Board, the Company shall make application

to said Board for the right or privilege to lay its tracks upon other streets hereafter to be opened, adjacent to the public place at the easterly terminus of Clason's Point road, the same to be in substitution for the loop terminal hereby authorized in the public place, and within six months after such right or privilege is obtained, shall, at its own expense, remove all of its tracks and appurtenances from said public place.

Thirty-fourth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding or at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.

and such other information in regard to the business of the Company as may be required by the Board.

Thirty-fifth—The Company shall at all times keep accurate books of account of the gross earnings from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as may be prescribed. Such report shall contain a statement of the gross earnings from all railway lines owned or operated by the Company, the total miles owned by the Company and in operation and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Thirty-sixth—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited by a suit brought by the Corporation Counsel, on notice of ten days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain provisions to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Thirty-seventh—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of one hundred dollars (\$100) as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided.

Thirty-eighth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-ninth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City of New York the sum of six thousand dollars (\$6,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract, especially those which relate to the payment of the annual charges for the privilege hereby granted, the efficiency of the public service rendered, the repairs of the street pavement, the removal of snow and ice and the quality of construction of the railway, and in case of default in the performance by the Company of such terms and conditions the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten days' notice in writing to the Company; or in case of failure to keep the said terms and conditions of this contract relating to the roadway, heating and lighting of cars, fenders, wheel-guards and watering of street pavements, the Company shall pay a penalty of fifty dollars (\$50) per day for each day of violation, and the further sum of ten dollars (\$10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel-guards, in case of the violation of the provisions relating to those matters.

Fortieth—The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Comptroller of the City, on complaint made, shall, in writing, notify the Company, through its President, to appear before him on a certain day not less than ten (10) days after the date of such notice, to show cause why it should not be penalized in accordance with the foregoing

provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Comptroller to be in fault, said Comptroller shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to him to be just, and without legal procedure withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice in writing, pay to the Comptroller of the City a sum sufficient to restore said security fund to the original amount of six thousand dollars (\$6,000), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Forty-first—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways in which the Company is authorized to operate.

Forty-second—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Forty-third—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Section 3. This contract is also upon the further and express condition that the provisions of the Railroad Law, applicable thereto, and all laws and ordinances now in force, or which may be adopted affecting the surface railways operating in the City, not inconsistent with the terms and conditions hereinbefore fixed, shall be strictly complied with by the Company.

Section 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, deponent duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, this day and year first above written.

THE CITY OF NEW YORK,
 By Mayor,
 [CORPORATE SEAL]
 Attest: City Clerk,
 BRONX TRACTION COMPANY,
 By President,
 Attest: Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provision as to rates, fares and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these resolutions and resolutions, including the said resolution for the grant of a franchise or right applied for by the Bronx Traction Company, and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Friday, December 18, 1908, in the City Record, and at least twice during the ten days immediately prior to December 18, 1908, in two daily newspapers to be designated by the Mayor thereof and published in The City of New York, at the expense of the Bronx Traction Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of the franchise or right applied for by the Bronx Traction Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Friday, December 18, 1908, at 10:30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

JOSEPH HAAG, Secretary.
 Dated New York, November 13, 1908.

PUBLIC NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN that at a meeting of the Board of Estimate and Apportionment, held this day the following proceedings were had:

Whereas, The Union Railway Company of New York City has under date of July 23, 1908, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate a street surface railway upon and along Fordham road and West One Hundred and Eighty-fourth street, in the Borough of The Bronx, and over and along the University Heights Bridge, and the approaches thereto, and upon and along West Two Hundred and Seventh street and other streets and avenues in the Borough of Manhattan; and

Whereas, Section 94 of the Railroad Law and Sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 629 and 630 of the Laws of 1907, provide for the manner and procedure of making such grants; and

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the Union Railway Company of New York City, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced, and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Union Railway Company of New York City the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

UNION RAILWAY COMPANY OF NEW YORK CITY,
 Proposed Form of Contract.

This contract made this day of (to be and between The City of New York hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Union Railway Company of New York City (hereinafter called the Company), party of the second part, witnesses:

In consideration of the mutual covenants and agreements herein contained the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and operate a double-track extension to its present street surface railway, with the necessary wires and equipment, for the purpose of conveying persons and property in the Boroughs of The Bronx and Manhattan, in The City of New York, upon the following route:

Beginning at and connecting with the existing tracks of the Company at or near the intersection of Sedgwick avenue and Fordham road, in the Borough of The Bronx, and running thence westerly in, upon and along said Fordham road and Hampden place to West One Hundred and Eighty-fourth street, and thence southwesterly and westerly in, upon and along said West One Hundred and Eighty-fourth street to its intersection with the easterly approach to the University Heights Bridge; thence westerly upon and over said bridge, and the easterly and westerly approaches thereto, to West Two Hundred and Seventh street, in the Borough of Manhattan, and thence westerly in, upon and along said West Two Hundred and Seventh street to Amsterdam or Tenth avenue; thence southerly in, upon and along said Amsterdam or Tenth avenue to Entrance street; thence southerly in, upon and along said Entrance street to Broadway, and connecting with the existing double-track railway in said Broadway. The said route with turnouts, switches and crossings hereby authorized is shown upon a map entitled:

"Map showing proposed railway of the Union Railway Company in the Boroughs of The Bronx and Manhattan, City of New York, to accompany petition to the Board of Estimate and Apportionment, dated July 23, 1908."

and signed by E. W. Whitehead, Receiver, T. F. Mulloney, Chief Engineer, and Edward A. Maher, President, a copy of which is attached hereto, is to be deemed a part of this contract, and to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossings which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within six months of the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained, the Company shall, within two months thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railroad ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company for the term of fifteen (15) years from the date upon which this contract is signed by the Mayor, with the privilege of renewal of said contract for the further period of twenty (20) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than that sum required to be paid during the last year of this original contract.

If the Company and the Board shall not reach such an agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for each succeeding twenty (20) years shall be reasonable, and either the City (by the Board) or the Company shall be bound, upon request of the other, to enter into a written agreement with each other fixing the rate of such compensation at such amounts as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate, and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board, one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of this original contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall, in any event, be less than the sum required to be paid for the last

year of this original contract. If, in any case, the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate therefore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Third—The Company shall pay to the City for this privilege the following sums of money:

(a) The sum of three thousand five hundred dollars (\$3,500) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.

(b) During the first term of five years an annual sum which shall in no case be less than seven hundred and fifty dollars (\$750), and which shall be equal to three (3) per cent. of its gross annual receipts, if such percentage shall exceed the sum of seven hundred and fifty dollars (\$750).

During the second term of five years an annual sum which shall in no case be less than fourteen hundred dollars (\$1,400), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of fourteen hundred dollars (\$1,400).

During the third term of five years an annual sum which shall in no case be less than fifteen hundred and fifty dollars (\$1,550), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of fifteen hundred and fifty dollars (\$1,550).

The gross annual receipts mentioned above shall be that portion of the gross receipts of the company as shall bear the same proportion to its whole gross receipts as the length of the extension hereby granted shall bear to the entire length of the line of the company in operation.

The payment of such minimum sums shall begin from the day on which this contract is signed by the Mayor.

(c) For the use of the University Heights Bridge during the first term of five years the annual sum of \$2,000, during the second term of five years the annual sum of \$2,250, and during the third term of five years the annual sum of \$2,500. The compensation herein provided shall commence from the date of the signing of this contract by the Mayor.

All such sums as aforesaid shall be paid into the treasury of the City on November 1 of each year, and shall be for the amount due to September 30 next preceding.

Whenever the percentage required to be paid shall exceed the minimum amount as above, such sum over and above such minimum shall be paid in each year for the year ending September 30 next preceding. The fiscal year shall end on September 30 next preceding, the date of payment, and provisions of the Charter in relation to the matter of payments and statements of percentages of gross receipts of street railway companies not inconsistent with this contract shall be strictly complied with.

The intention of this paragraph is to fix an annual charge to be paid by the Company, its successors or assigns, to the City of New York for the rights and franchises hereby granted, and it shall not be construed as providing for the payment by the Company, its successors or assigns, of a percentage of gross receipts within the meaning of any general or special statute, referring particularly to chapter 340 of the Laws of 1892.

Before any rights hereby conferred are exercised by the Company, and within three (3) months from the date on which this contract is signed by the Mayor, the Company shall pay to the City of New York the sum of twenty thousand three hundred and eighty-five dollars and eight cents (\$20,385.08) and within three (3) months thereafter the further sum of thirty-seven thousand seven hundred and fifty-eight dollars and eighty-seven cents (\$37,758.87), said amounts being due under the franchise of the Company granted to it by the Legislature by chapter 241 of the Laws of 1892.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be in addition to any and all taxes of whatever kind or description now or hereafter required to be paid by any ordinance of the City, or by any law of the State of New York.

Fourth—Upon the termination of this original contract, or if the same is renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any other cause, or upon the dissolution of the Company before such termination, the tracks and equipment of the Company constructed pursuant to this contract, within the streets, avenues and highways and upon the bridge, shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual. If, however, at the termination of this grant as above the City (by the Board or its successors in authority) shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of the tracks and other equipment constructed pursuant to this contract, and the said streets, avenues and highways and the bridge shall be restored to their original condition at the sole cost and expense of the Company.

Fifth—The annual charges or payments shall continue throughout the whole term of the contract hereby granted, whether original or renewal, notwithstanding any change in any statute or in the Charter of any other city or railroad company providing for payments for railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, whether original or renewal, or of any part thereof, or of the route mentioned herein, or of any part thereof, shall be valid or effective for any purpose unless the said assignment, lease or sublease shall contain a covenant, made in substance as follows: That the same is subject to all the conditions of this contract, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute, or in the Charter of such assignee or lessee, or in the contrary notwithstanding, and that said assignee or lessee assumes and will be bound by all the conditions of this contract, and that it will not claim any benefit therefrom or otherwise exempt from liability to perform each and all of the conditions of this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the company, its successors or assigns, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, or its successors in authority, evidenced by an instrument under seal, authentic hereon contained in the contrary thereof in any way whatsoever, and the granting, giving or waiving of any part or more of such conditions shall not render unnecessary any subsequent consent or assents.

Seventh—Nothing in this contract shall be deemed to affect in any way the rights of the City to grant to any individual or other corporation a similar right or privilege upon the same or other terms and conditions over the same streets, avenues, highways or bridge, hereinabove described in section 1.

The use of said railway, which shall be constructed by the Company under this contract, including the tracks, wires and other equipment, or any structures in public streets and avenues owned by the Company and used in connection therewith, shall be permitted by the Company to any individual or corporation to which the City may have granted, or may hereafter grant, the right or privilege to use such streets, avenues or highways, hereinabove described in section 1 for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company, which shall not exceed the legal interest on such proportion of the whole cost of the construction of such railway and structures and of the cost of keeping the tracks and track equipment in repair, as the number of cars operated by such company or individual shall bear to the number of cars operated by the companies then using the same, together with the actual cost of the power necessary for the operation of the cars, less than of such individual or corporation and the cost of laying and repairing of pavement and removal of snow and ice, and all the other duties imposed upon the Company by the terms of this contract, in connection with the maintenance of the operation of the said railway as used. Provided, however, that if in the opinion of the Company the legal rate of interest of the cost of such railway shall be an insufficient sum to pay for the use of such tracks, it may appeal to the Board, and the Board may fix a percentage of the cost to be paid to the Company at a sum in excess of the legal rate of interest, if in its opinion such action is justified.

The Company shall not at any time oppose, but shall, upon the request of the Board, consent to the construction or operation of any street surface railway which may necessitate the use of any portion of the railway which shall be constructed by the Company pursuant to this contract.

Eighth—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of The Bronx, or by any other motive power, except locomotive steam power or horse power, which may be approved by the Board and consented to by owners of property, in accordance with the provisions of law, and by the Public Service Commission for the First District of the State of New York.

Ninth—The Company shall commence construction of the extension herein authorized within six (6) months from the date upon which the consents of the property owners are obtained for such extension, or from the date of the decision of the Appellate Division of the Supreme Court that such extension ought to be constructed, and shall complete the construction of the same within six (6) months from the same date, otherwise this grant shall cease and determine, and all sums which may be deposited with the Comptroller of the City, as hereinafter provided, shall be forfeited to the City. Provided that such periods may be extended by the Board for a period or periods not exceeding in the aggregate six months each; and provided further that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further that in no case shall such delay be deemed to begin until the Board shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other order, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Tenth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided in the Charter of the City.

Eleventh—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway apparatuses, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the written direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Twelfth—The rate of fare for any passenger upon such railway shall not exceed five (5) cents, and the Company shall not charge any passenger more than five (5) cents for one continuous ride from any point on said railway, or a line or branch operated in connection therewith, to any point thereof, or any connecting line or branch thereof, within the limits of the City.

The Company shall carry free upon the railway hereby authorized during the term of this contract, all members of the Police and Fire Departments of the City when such employees are in full uniform.

The rate for the carrying of property over the said railway upon the cars of the Company shall in all cases be reasonable in amount, subject to the control of the Board, or its successors in authority, and may be fixed by such Board after notice to the Company and a hearing had thereon, and when so fixed such rates shall be binding upon the Company, its successors or assigns, and no greater sums shall be charged for such services than provided for by it.

Thirteenth—No cars shall be operated upon the railway hereby authorized other than passenger cars, cars for the transportation of express matter and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway; and the tracks hereby authorized shall not be used for the storage of cars.

Fourteenth—Cars on the said railway shall run at intervals of not more than thirty minutes both day and night, and as much oftener as reasonable convenience of the public may require or as may be directed by the Board.

Provided, however, that the Company, during the first five years of this contract, shall not be required to operate its cars between the hours of 1 o'clock a. m. and 3 o'clock a. m. each day, unless the Board shall determine after a hearing had in person that public convenience requires the operation of cars during said hours.

Fifteenth—The Company shall attach to each car run over the said railway proper fenders and wheel guards in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Sixteenth—All cars which are operated on said railway shall be heated during the cold weather in conformity with such laws and ordinances as

are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Seventeenth—The Company, so long as it shall continue to use any of the tracks upon the streets, avenues or bridge, in or upon which said railway shall be constructed, shall cause to be watered at least three times every twenty-four hours when the temperature is above 35 degrees Fahrenheit, the entire width of the streets, avenues and bridge, except when the width of such streets, avenues or bridge shall exceed 60 feet, between curb lines, in which case the Company shall cause to be watered only 60 feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets, avenues and bridge in a satisfactory manner.

Eighteenth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by the Board.

Nineteenth—The Company shall at all times keep the streets, avenues or highways and bridge upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Twentieth—The Company shall cause to be paved that portion of the street between its tracks, the rails of its tracks and two feet in width outside of its tracks, upon and along the streets, avenues and highways of the routes hereby authorized, which are now unpaved. The work of such paving shall be done under the supervision of the municipal authorities having jurisdiction in such matters, and such authorities shall designate the character of the pavement to be laid.

As long as the said railway, or any portion thereof, remains in the streets, avenues, highways or upon the bridge, the Company shall have and keep in permanent repair that portion of the surface of the street, avenue, highway or bridge in which said railway is constructed, between its tracks, the rails of its tracks, and for a distance of two feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe. And the City shall have the right to change the material or character of the pavement of any street, avenue, highway or upon the bridge, and in that event the Company, its successors or assigns, shall be bound to replace such pavements in the manner directed by the proper City officer, at its own expense, and the provision as to repairs herein contained shall apply to such renewed or altered pavement.

Twenty-first—Any alteration to the sewerage or drainage system, or to any other substructure or to any surface structures in the streets required on account of the construction or operation of the railway, shall be made at the sole cost of the Company and in such manner as the proper City officials may prescribe.

Twenty-second—Before any construction shall be commenced upon any portion of the route, written permits shall be obtained from the President of the Boroughs of Manhattan and The Bronx, and the Commissioners of Water Supply, Gas and Electricity and Bridges, and the Company shall comply with any conditions which these officials may impose as a condition upon which such permit is granted, provided such conditions are imposed for the purpose of protecting the structures over which these officials have jurisdiction.

Twenty-third—The Company agrees to comply with any and all the rules which may be made by the Commissioner of Water Supply, Gas and Electricity for the purpose of preventing the destruction of the pipes or structures in the street by electric cables, which may be caused by the electric current used by the Company, whether such rules affect the method of the original construction of said railway or any reconstruction, maintenance or repairs upon such railway at any time during the term of this contract.

Twenty-fourth—It is agreed that the right hereby given to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets, or upon the bridge, whether the same is done by the City directly or by a contractor for the City, the Company shall at its own expense protect or move the tracks and appurtenances in a manner as directed by the President of the Borough in which said tracks are situated, or by the Commissioner of Bridges.

Twenty-fifth—Should the grades or lines of the streets in which franchises are herein granted be changed at any time during the term of this contract, the Company shall change its tracks to conform with such new grades and lines, and during the construction of any public improvement upon said streets the Company shall take care of and protect the track and appurtenances at its own expense, all to be done subject to the direction of the President of the Borough in which such change is made or work done.

Twenty-sixth—The Board may at any time require the Company to remove one track from the University Heights Bridge and appurtenances thereto, and to place the remaining track in the center of the roadway of said bridge and operate the railway by means of said single track upon said bridge and its appurtenances.

Twenty-seventh—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, or at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.
19. And such other information in regard to the business of the Company as may be required by the Board.

Twenty-eighth—The Company shall at all times keep accurate books of account of the gross earnings from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross earnings, the total miles in operation and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-ninth—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited by a suit brought by the Corporation Counsel, on notice of ten days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day, not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Thirtieth—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and, upon failure of the Company to remedy such default within a reasonable time, the Company shall for each day thereafter during which the default or defect remains, pay to the City the sum of one hundred dollars (\$100) as fixed or liquidated damages, or the Board, in case such structures which may affect the surface of the streets or of the bridge shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs with legal interest thereon, all of which sums may be deducted from the fund herein-after provided.

Thirty-first—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-second—This grant upon the express condition that the Company within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City of New York the sum of three thousand five hundred dollars (\$3,500), either in money or securities to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract, especially those which relate to the payment of the annual charges for the privilege hereby granted, the efficiency of the public service rendered, the repairs of the street and bridge pavement, the removal of snow and ice and the quality of construction of the roadway; and in case of default in the performance by the Company of such terms and conditions the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same with interest from the said fund after ten days' notice in writing to the Company; or in case of failure to keep the said terms and conditions of this contract relating to the roadway, heating and lighting of cars, fenders, wheel-guards and watering of street pavements, the Company shall pay a penalty of fifty dollars (\$50) per day for each day of violation, and the further sum of ten dollars (\$10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel guards, in case of the violation of the provisions relating to these matters.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Comptroller of the City, on complaint made, shall, in writing, notify the Company, through its president, to appear before him on a certain day not less than ten (10) days after the date of such notice, to show cause why it should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Comptroller to be in default, said Comptroller shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to him to be just, and without legal procedure withdraw the amount of such penalty from the security fund deposited with him. In case of any default made upon the security fund the Company shall, upon ten (10) days' notice in writing, pay to the Comptroller of the City a sum sufficient to restore said security fund to the original amount of three thousand five hundred dollars (\$3,500), and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Thirty-third—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways in which the Company is authorized to operate.

Thirty-fourth—The word "notice" or "direction" wherever used in this contract shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction and shall be deemed to have been given at the time of delivery or mailing.

Thirty-fifth—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then and in such case such other Board, authority, officer or officers shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Sec. 3. This contract is also upon the further and express condition that the provisions of the Railroad Law, applicable thereto, and all laws or ordinances now in force, or which may be adopted affecting the surface railways operating in the City, not inconsistent with the terms and conditions hereinbefore hereunto, shall be strictly complied with by the Company.

Sec. 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has crossed the corporate seal of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By _____ Mayor.
[CORPORATE SEAL]
Attest: _____ City Clerk.
UNION RAILWAY COMPANY OF NEW YORK CITY,
By _____ President.
Attest: _____ Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provision as to rates, fares and charges, are as heretofore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these principles and resolutions, including the said resolution for the grant of a franchise or right applied for by the Union Railway Company of New York City, and the said form of a proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be referred to the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Friday, December 18, 1908, in the City Record, and at least twice during the two days immediately prior to December 18, 1908, in two daily newspapers to be designated by the Mayor thereof, and published in The Day of New York, at the expense of the Union Railway Company of New York City, together with the following matter, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of the franchise or right applied for by the Union Railway Company of New York City, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Friday, December 18, 1908, at 10:30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

JOSEPH HAAG, Secretary.
Daniel New York, November 13, 1908.

PUBLIC NOTICE

PUBLIC NOTICE IS HEREBY GIVEN that at a meeting of the Board of Estimate and Apportionment held this day the following resolutions were had:

Whereas, The Union Railway Company of New York City has, under date of July 26, 1908, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate a street surface railway upon and along Pelham avenue, from Third avenue to the Southern boulevard, in the Borough of The Bronx; and

Whereas, Section 22 of the Railroad Law and sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 613 and 530 of the Laws of 1904, provide for the manner and procedure of making such grants; and

Whereas, In accordance with such laws, this Board adopted a resolution on October 2, 1908, fixing the date for public hearings thereon as October 20, 1908, at which citizens were entitled to appear and be heard, and publication was had for at least fourteen (14) days in the "New York Sun" and the "New York Tribune," newspapers designated by the Mayor, and in the City Record for ten days immediately prior to the date of hearing, and the public hearing was duly held on such date; and

Whereas, This Board has made inquiry as to money value of the franchise or right applied for, and proposed to be granted to the Union Railway Company of New York City, and the adequacy of the compensation proposed to be paid therefor, now therefore it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the Union Railway Company of New York City, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced, and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Union Railway Company of New York City the franchise or right here set out and described in the following form of proposed contract for the grant thereof, including all of the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of the City of New York as follows, to wit:

UNION RAILWAY COMPANY OF NEW YORK CITY,
Proposed Form of Contract.
This Contract made this _____ day of _____ 1908, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in accordance with the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Union Railway Company of New York City (hereinafter called the Company), party of the second part, witnesseth:

upon and along said Pelham avenue to the Southern boulevard. The said route, with turn-outs, switches and crossovers, hereby authorized is shown upon a map entitled:

"Map showing proposed railway of the Union Railway Company, in the Borough of The Bronx, City of New York, to accompany petition to the Board of Estimate and Apportionment, dated July 28, 1908."
—and signed by F. W. Whitridge, Receiver, T. F. Mullaney, Chief Engineer, and Edward A. Maher, President, a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turn-outs, switches and crossovers which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Sec. 2. The grant of this right or privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within six months of the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall, within one month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company for the term of fifteen (15) years from the date upon which this contract is signed by the Mayor, with the privilege of renewal of said contract for the further period of twenty (20) years upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum recorded to be paid during the last year of this original contract.

If the Company and the Board shall not reach such agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for each succeeding twenty (20) years shall be reasonable, and either the City (by the Board) or the Company shall be bound, upon request of the other, to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate, and at such annual rate as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of this original contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiry and investigation, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers, under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall in any event be less than the sum required to be paid for the last year of this original contract. In any case, the annual rate shall not be lower than the termination of the original term of this contract, then the Company shall pay the annual rate thereafter prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne equally by the City and the Company, each paying one-half thereof.

Third—The Company shall pay to the City for this privilege the following sum of money: (1) The sum of three thousand dollars (\$3,000) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.

(2) During the first term of five years an annual sum which shall in no case be less than five hundred dollars (\$500), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of five hundred dollars (\$500).

During the second term of five years an annual sum which shall in no case be less than nine hundred dollars (\$900), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of nine hundred dollars (\$900).

During the third term of five years, an annual sum which shall in no case be less than one thousand dollars (\$1,000), and which shall be equal to five (5) per cent. of its gross annual receipts if such percentage shall exceed the sum of one thousand dollars (\$1,000).

The gross annual receipts mentioned above shall be that portion of the gross receipts of the company as shall bear the same proportion to its whole gross receipts as the length of the extension hereby granted shall bear to the entire length of the line of the company in operation.

The payment of such minimum sums shall begin from the day on which this contract is signed by the Mayor.

All such sums as above shall be paid into the treasury of the City on November 1 of each year, and shall be for the amount due to September 30 next preceding.

Whenever the percentage required to be paid shall exceed the minimum amount as above, such sum over and above such minimum shall be paid to the said Comptroller on or before November 1 of each year for the year ending September 30 next preceding. The fiscal year shall end on September 30 next preceding said date of payment, and provision of the Railroad Law as to new crossovers, or as it may hereafter be amended, relating to the matter of payments and statements of percentages of gross receipts of street railway companies not inconsistent with this contract shall be strictly complied with.

It shall not be construed as providing for the payment by the Company, its successors or assigns, of a percentage of gross receipts within the meaning of any general or special statute, referring particularly to chapter 340 of the Laws of 1892.

Before any rights hereby conferred are exercised by the Company, and within three (3) months from the date on which this contract is signed by the Mayor, the Company shall pay to the City of New York the sum of twenty thousand three hundred and eighty-five dollars and eight cents (\$20,385.08) and within three (3) months thereafter the further sum of thirty-one thousand seven hundred and fifty-eight dollars and eighty-seven cents (\$31,758.87), said amounts being due under the franchise of the Company granted to it by the Legislature by chapter 340 of the Laws of 1892.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the name of a tax, but such payments shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid by any ordinance of the City or by any law of the State of New York.

Fourth—Upon the termination of this original contract, or if the same is renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any other cause, or upon the dissolution of the Company before such termination, the tracks and equipment of the Company constructed pursuant to this contract, within the streets, avenues and highways shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this grant as above the City (by the Board) shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of the tracks and other equipment constructed pursuant to this contract, and the said streets, avenues and highways shall be restored to their original condition at the sole cost and expense of the Company.

Fifth—The annual charges or payment shall continue throughout the whole term of this contract, whether original or renewal, notwithstanding any cause in any statute or in the charter of any other railway or railroad company providing for payments for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, whether original or renewal, or of any part thereof, or of the route mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such company or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by any statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title therein or right, interest or reversion therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statute relating to the consolidation or merger of corporations, or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, nothing herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or wearing of any one or more of such consents shall not render unnecessary any subsequent consents or assents.

Seventh—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege upon the same or other streets and conditions over the same streets, avenues or highways heretofore described in section 1.

The use of said railway which shall be constructed by the Company under this contract, including the tracks, wires and other equipment or any structure in public streets and avenues owned by the Company and used in connection therewith, shall be permitted by the Company, to any individual or corporation in which the City may have granted, or may hereafter grant, the right or privilege to use such streets, avenues or highways heretofore described in section 1, for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company, which shall not exceed the legal interest on such proportion of the whole cost of the construction of such railway and structures, and of the cost of keeping the tracks and track equipment in repair, as the number of cars operated by such company or individual shall bear to the number of cars operated by the companies then using the same, together with the actual cost of the power necessary for the operation of the cars thereon of such individual or corporation and the cost of laying and repairing of pavement and removal of snow and ice, and all the other duties imposed upon the Company by the terms of this contract, in connection with the maintenance or the operation of the said railway so used. Provided, however, that if in the opinion of the Company the legal rate of interest of the cost of such railway shall be an insufficient sum to pay for the use of such tracks, it may appeal to the Board, and the Board may fix a percentage of the cost to be paid to the Company at a sum in excess of the legal rate of interest, if in its opinion such action is justified.

The Company shall not at any time oppose, but shall, upon the request of the Board, consent to the construction or operation of any street surface railway which may necessitate the use of any portion of the railway which shall be constructed by the Company pursuant to this contract.

Eighth—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of The Bronx, or by any other motive power, except locomotive steam power or horse power, which may be approved by the Board, and consented to by the abutting property owners in accordance with the provisions of law, and by the Public Service Commission of the First District of the State of New York.

Ninth—The Company shall commence construction of the railway herein authorized within six months from the date upon which the consents of the property owners are obtained, or from the date upon which the decision of the Appellate Division of the Supreme Court that such railway might be constructed is rendered in lieu of such consents, and shall complete the construction and place the same in full operation within six months from the date of obtaining such consents or such decision, otherwise this grant shall cease and determine, and all sums paid, or which may be deposited with the Comptroller of the City as hereinafter provided, shall thereupon be forfeited to the City; provided, that such periods may be

extended by the Board for a period or periods not exceeding in the aggregate six months each; and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company; and provided, further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall in writing consent that the Board, either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Tenth—Such railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City. Before any construction shall be commenced upon any portion of the route, written permits shall be obtained from the President of the Borough of The Bronx and the Commissioner of Water Supply, Gas and Electricity, and the Company shall comply with any conditions which those officials may impose as a condition upon which such permit is granted, provided such conditions are imposed for the purpose of protecting the structures over which those officials have jurisdiction.

Eleventh—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway apparatus, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Twelfth—The rate of fare for any passenger upon such railway shall not exceed five (5) cents, and the Company shall not charge any passenger more than five (5) cents for one continuous ride from any point on said railway, or a line or branch operated in connection therewith, to any point thereof, or any connecting line or branch thereof, within the limits of the City.

The Company shall carry free upon the railway hereby authorized, during the term of this contract, all members of the Police and Fire Department of the City, when such employees are in full uniform.

The rate for the carrying of property over the railway hereby authorized shall in all cases be reasonable in amount, subject to the control of the Board, or its successor in authority, and may be fixed by such Board after notice to the Company and a hearing had thereon, and when so fixed such rates shall be binding upon the Company, its successors or assigns, and no greater sums shall be charged for such service than provided for by it.

Thirteenth—No car shall be operated upon the railway hereby authorized, unless such passenger cars, cars for the transportation of express matter and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway, and the tracks hereby authorized shall not be used for the storage of cars.

Fourteenth—Cars on the said railway shall run at intervals of not more than thirty minutes both day and night, and as much often as reasonable circumstances of the public may require or as may be directed by the Board.

Provided, however, that the Company, during the first five years of this contract, shall not be required to operate its cars between the hours of 1 o'clock a. m. and 2 o'clock a. m., each day, unless the Board shall determine after a hearing had thereon that public convenience requires the operation of cars during said hours.

Fifteenth—The Company shall attach to each car run over the said railway hereby authorized proper fenders and wheel guards in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Sixteenth—All cars which are operated on said railway shall be heated during the cold weather in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities.

Seventeenth—The Company, so long as it shall continue to use any of the tracks upon the streets and avenues in or upon which the said railway shall be constructed, shall cause to be watered at least three times every twenty-four hours, when the temperature is above 35 degrees Fahrenheit, the entire width of the streets and avenues, except when the width of said streets and avenues shall exceed to feet between the curb lines, in which case the Company shall cause to be watered only 60 feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets and avenues in a satisfactory manner.

Eighteenth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by the Board.

Nineteenth—The Company shall at all times keep the streets, avenues and highways upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Twentieth—The Company shall cause to be paved that portion of the street between its tracks, the rails of its tracks and two feet in width inside of its tracks, upon and along the streets, avenues and highways of the routes hereby authorized, which are now unpaved. The work of such paving shall be done under the supervision of the municipal authorities having jurisdiction in such matters, and such authorities shall designate the character of the pavement to be laid.

Twenty-first—As long as the said railway, or any portion thereof, remains in the streets, avenues or highways, the Company shall have and keep in permanent repair that portion of the surface of the street, avenue or highway in which said railway is constructed, between its tracks, the rails of its tracks, and for a distance of two feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe. And the City shall have the right to change the material or character of the pavement of any street, avenue or highway, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City officer, at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

Twenty-second—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work in the City, and should the said railway in any way interfere with the construction of public work in the streets, whether the same is done by the City directly or by a contractor for the City, the Company shall at its own expense protect or move the tracks and appurtenances in a manner as directed by the President of the Borough of The Bronx.

Twenty-third—Any alteration to the sewerage or drainage system, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company and in such manner as the proper City officials may prescribe.

Twenty-fourth—The Company agrees to comply with any and all the rules which may be made by the Commissioner of Water Supply, Gas and Electricity for the purpose of preventing the destruction of the pipes or structures in the street by electrolysis, which may be caused by the electric current used by the Company, whether such rules affect the method of the original construction of said railway or any reconstruction, maintenance or repairs upon such railway at any time during the term of this contract.

Twenty-fifth—Should the grades or lines of the streets in which franchises are herein granted be changed at any time during the term of this contract, the Company shall, at its own expense, change its tracks to conform with such new grades and lines, and during the construction of any public improvement upon said street the Company shall take care of and protect the track at its own expense, all to be done subject to the direction of the President of the Borough of The Bronx.

Twenty-sixth—The Company shall submit to the Board a report not later than November 1st of each year for the year ending September 30 next preceding, or at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for expense.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.

and such other information in regard to the business of the Company as may be required by the Board.
Twenty-seventh—The Company shall at all times keep accurate books of account of the gross earnings from all sources, and shall, on or before November 1st of each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross earnings, total miles in operation and the miles of railway constructed and operated under this contract and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-eighth—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited by a suit brought by the Corporation Counsel, an notice of ten days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railroad constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity.
Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contracts forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-ninth—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structure in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall for each day thereafter during which the default or defect remains pay to the City the sum of one hundred dollars (\$100) as fixed or liquidated damages, or the Board, in case such structures which may affect the surface of the streets, shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the costs of such repairs with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Thirtieth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-first—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of three thousand five hundred dollars (\$3,500), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract, especially those which relate to the payment of the annual charges for the privilege hereby granted, the efficiency of the public service rendered, the repairs of the street pavement, the removal of snow and ice and the quality of construction of the railway; and in

case of default in the performance by the Company of such terms and conditions the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten days' notice in writing to the Company, or in case of failure to keep the said terms and conditions of this contract relating to the headway, heating and lighting of cars, fenders, waco guards and watering of street pavements, the Company shall pay a penalty of fifty dollars (\$50) per day for each day of violation, and the further sum of ten dollars (\$10) per day for each car that shall not be properly heated, lighted or supplied with fenders or waco guards, in case of the violation of the provisions relating to these matters.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Comptroller of the City, on complaint made, shall, in writing, notify the Company, through its president, to appear before him on a certain day not less than ten (10) days after the date of such notice, to show cause why it should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Comptroller to be in fault, said Comptroller shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to him to be just, and without legal procedure will draw the amount of such penalty from the security fund deposited with him. In case of any default made upon the security fund the Company shall, upon ten (10) days' notice in writing, pay to the Comptroller of the City a sum sufficient to restore said security fund to the original amount of three thousand five hundred dollars (\$3,500), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Thirty-second—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways in which the Company is authorized to operate.

Thirty-third—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become impermanent, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Thirty-fourth—If at any time the powers of the Board or any other of the authorities herein mentioned, or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then and in such case such other Board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board, or other authorities, officer or officers.

Sec. 3. This contract is also upon the further and express condition that the provisions of the Railroad Law applicable thereto, and all laws or ordinances now in force, or which may be adopted, affecting the surface railways operating in the City, not inconsistent with the terms and conditions hereinbefore fixed, shall be strictly complied with by the Company.

Sec. 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this contract fixed and contained.

In witness whereof the party of the first part by its Mayor, thereto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed, and the party of the second part, by its officers, thereto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By Mayor
(CORPORATE SEAL)
Attest:
..... City Clerk,
UNION RAILWAY COMPANY OF
NEW YORK CITY,
By President,
(REAL)
Attest:
..... Secretary.

(Here add acknowledgments.)
Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted, and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provision as to rates, fares and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions including the said resolution for the grant of a franchise or right applied for by the Union Railway Company of New York City, and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be covered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Friday, December 18, 1908, in the City Record, and at least twice during the ten days immediately prior to December 18, 1908, in two daily newspapers to be designated by the Mayor thereof, and published in The City of New York, at the expense of the Union Railway Company of New York City, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, hereby authorizing any contract for the grant of the franchise or right applied for by the Union Railway Company of New York City, and fully set forth and described by the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Friday, December 18, 1908, at 10.30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.
JOSEPH HAAG, Secretary.
Dated New York, November 13, 1908. n24d18

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment, held November 6, 1908, the following resolutions were adopted:
Whereas, The Board of Estimate and Apportionment of the City of New York is consider-

ing the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Purdy place, between Seneca avenue and the borough line, and Cypress avenue, between Flushing avenue and the borough line, in the Borough of Brooklyn, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 224 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on a line midway between Underhook avenue and Purdy place where it is intersected by the prolongation of a line midway between Montrose avenue and Randolph street, and running thence southwesterly along the said line midway between Underhook avenue and Purdy place to the intersection with a line midway between Willoughby avenue and Snydler street; thence southwesterly along the said line midway between Willoughby avenue and Snydler street to the intersection with a line midway between Dardy place and Cypress avenue; thence southwesterly along the said line midway between Dardy place (Cypress avenue) and Cypress avenue to the intersection with a line midway between Husted street and Harmon street; thence southwesterly along the said line midway between Husted street and Harmon street to the intersection with a line midway between Cypress avenue and St. Nicholas avenue; thence northwesterly along the said line midway between Cypress avenue and St. Nicholas avenue and the prolongation thereof to the intersection with a line distant one hundred feet northwesterly from and parallel with the northwesterly line of Flushing avenue, the said distance being measured at right angles to the line of Flushing avenue; thence northwesterly along the said line parallel with Flushing avenue to the intersection with the prolongation of a line midway between Seneca avenue and Scott avenue; thence northwesterly along the said line midway between Seneca avenue and Scott avenue and the prolongation thereof to the intersection with a line midway between Montrose avenue and Randolph street; thence easterly along the said line midway between Montrose avenue and Randolph street and the prolongation thereof to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1908, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record and the corporation newspapers for ten days prior to the 24th day of December, 1908.

Dated November 20, 1908.
JOSEPH HAAG, Secretary.
No. 277 Broadway, Room 1406.
Telephone, 2286 Worth.

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment, held November 6, 1908, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of the City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Thirtieth street, from Fort Hamilton avenue to West street, in the Borough of Brooklyn, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands and premises required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 224 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the westerly line of West street where it is intersected by the prolongation of a line midway between Thirtieth street and Thirtieth street, and running thence easterly at right angles to the line of West street a distance of one hundred feet, thence northwesterly and parallel with West street to the intersection with a line at right angles to West street, and crossing through a point on its westerly side where it is intersected by the prolongation of a line midway between Thirtieth street and Thirtieth street; thence northwesterly along the said line at right angles to West street to its easterly side; thence northwesterly along the said line midway between Thirtieth street and Thirtieth street to a point distant one hundred feet northwesterly from the northwesterly line of Fort Hamilton avenue, the said distance being measured at right angles to the line of Fort Hamilton avenue; thence northwesterly and always distant one hundred feet northwesterly from and parallel with the northwesterly line of Fort Hamilton avenue to the intersection with a line bisecting the angle formed by the intersection of the northwesterly line of Thirtieth street with the prolongation of a line at the westerly line of Chester street; thence southwesterly along the said bisecting line to the intersection with the prolongation of a line midway between Thirtieth street and Thirtieth street; thence southwesterly along the said line midway between Thirtieth street and Thirtieth street and the prolongation thereof to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1908, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record and the corporation newspapers for ten days prior to the 24th day of December, 1908.

Dated November 20, 1908.
JOSEPH HAAG, Secretary.
No. 277 Broadway, Room 1406.
Telephone, 2286 Worth.

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment, held November 6, 1908, the following resolutions were adopted:
Whereas, The Board of Estimate and Apportionment of the City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Bush street, from Creston avenue to the Grand Bou-

levard and Concourse, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands and premises required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 224 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the westerly line of Creston avenue where it is intersected by the prolongation of a line midway between East One Hundred and Seventy-ninth street and Bush street, and running thence northwesterly at right angles to Creston avenue to the intersection with a line midway between Morris avenue and Creston avenue; thence northwesterly at an angle of one degree to the intersection with a line at right angles to Creston avenue and crossing through a point on its westerly side where it is intersected by the prolongation of a line midway between Bush street and Riverside avenue; thence northwesterly along the said line at right angles to Creston avenue to its westerly side; thence northwesterly along the said line midway between Bush street and Riverside avenue and the prolongation thereof to the intersection with a line distant one hundred feet westerly from and parallel with the westerly line of the Concourse, the said distance being measured at right angles to the line of the Concourse; thence northwesterly along the said line parallel with the Concourse to the intersection with a line midway between East One Hundred and Seventy-ninth street and Bush street; thence northwesterly along the said line midway between East One Hundred and Seventy-ninth street and Bush street and the prolongation thereof to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1908, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1908.

Dated November 20, 1908.
JOSEPH HAAG, Secretary.
No. 277 Broadway, Room 1406.
Telephone, 2286 Worth.

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment, held November 6, 1908, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of the City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Union avenue, from Hudson avenue to the City line, and West One Hundred and Sixty-ninth street, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands and premises required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 224 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the prolongation of a line midway between West One Hundred and Sixty-ninth street and Hudson avenue, and running thence northwesterly at an angle of one degree to the intersection with a line at right angles to Hudson avenue and crossing through a point on its westerly side where it is intersected by the prolongation of a line midway between West One Hundred and Sixty-ninth street and Hudson avenue; thence northwesterly along the said line at right angles to Hudson avenue to its westerly side; thence northwesterly along the said line midway between West One Hundred and Sixty-ninth street and Hudson avenue and the prolongation thereof to the intersection with a line bisecting the angle formed by the intersection of the northwesterly line of Hudson avenue with the prolongation of a line at the westerly line of Hudson avenue; thence northwesterly along the said bisecting line to the intersection with the prolongation of a line midway between West One Hundred and Sixty-ninth street and Hudson avenue; thence northwesterly along the said line midway between West One Hundred and Sixty-ninth street and Hudson avenue and the prolongation thereof to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1908, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1908.

Dated November 20, 1908.
JOSEPH HAAG, Secretary.
No. 277 Broadway, Room 1406.
Telephone, 2286 Worth.

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment, held November 6, 1908, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of the City of New York is considering the advisability of instituting proceedings

and extending from West One Hundred and Seventy-seventh street to its northerly terminal about 434 feet north of West One Hundred and Eighty-first street, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in the City of New York, on the 17th day of December, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 19, 1908.

JOHN W. RUSSELL, PATRICK J. CONWAY, LOUIS LEAVITT, Commissioners.

as any portion thereof not now owned by The City of New York, for the improvement of the waterfront of The City of New York, on the East River, pursuant to the plan heretofore adopted by the Board of Docks, and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in the City of New York, on the 17th day of December, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 19, 1908.

JOHN W. RUSSELL, PATRICK J. CONWAY, LOUIS LEAVITT, Commissioners.

JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, lands, wharf property, terms, easements, emolumenta and privileges necessary to be taken for the improvement of the waterfront of The City of New York on the North River, between WEST TWENTY-FIFTH AND WEST TWENTY-SECOND STREETS, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT THE revised and corrected report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan in the City of New York, on the 27th day of November, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 19, 1908.

WILBUR LARREMORE, MICHAEL B. STANTON, NATHAN FERNBACHER, Commissioners.

JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands and lands, wharf property, wharves, rights, terms, easements, emolumenta and privileges necessary to be taken for the improvement of the waterfront of The City of New York on the NORTH RIVER, between West Eighteenth and West Twenty-third streets and the westerly side of the marginal street, wharf or pier, situated by the Board of Docks and approved by the Commissioners of the Sinking Fund, and pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT THE revised and corrected report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan in the City of New York, on the 27th day of November, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 19, 1908.

WILBUR LARREMORE, STANLEY W. DEXTER, JAMES A. ALLEN, Commissioners.

JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York to certain lands and premises situated on the northerly corner of BAXTER and HESTER STREETS, in the Fourteenth Ward of the Borough of Manhattan, in the City of New York, duly selected as a site for school purposes, according to law.

NOTICE IS HEREBY GIVEN THAT THE report of Joseph P. Murray, Samuel P. Moshier and James W. Boyce, Commissioners of Estimate and Appraisal, duly appointed in the above-entitled proceeding, which report bears date the 19th day of November, 1908, was filed in the office of the Board of Education of The City of New York on the 19th day of November, 1908, and a duplicate of said report was filed in the office of the Clerk of the County of New York on the same day.

Notice is further given that the said report will be presented for confirmation to the Supreme Court of the State of New York, in the First Judicial District, at Special Term, Part III, thereof, to be held at the County Court House, in the Borough of Manhattan, in the City of New York, on the 9th day of December, 1908, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1908.

FRANCIS K. PENDELTON, Corporation Counsel.

Hall of Records, Borough of Manhattan, City of New York.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purposes, in fee, to the lands, tenements and hereditaments situated for the opening and extending of the ADULTHOUS TO CROTONA PARK, laid out upon the map of The City of New York on June 20, 1908, and bounded on the north and west by Crotona Park, on the south by Crotona Park East and on the east by the Southern

Banker in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 10th day of December, 1908, and that we, the said Commissioners, will hear parties as aforesaid, and for that purpose will be in attendance at our said office on the 11th day of December, 1908, at 2 o'clock p. m.

Second—That the abstract of our said estimate of damage, together with our damage map, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 15th day of December, 1908.

Third—That, provided there be no objections filed to said abstract, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in the City of New York, on the 28th day of January, 1909, at the opening of the Court on that day.

Fourth—In case, however, objections are filed to said abstract of estimate of damage, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have heretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 881 and 884 of the Greater New York Charter, as amended by chapter 628 of the Laws of 1906.

Dated Borough of Manhattan, New York, October 23, 1908.

ATTESTOR S. COHEN, Chairman; CHAS. H. COLLINS, MICHAEL R. DEVPATRICK, Commissioners.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SIXTY-FOUR STREET (although not yet named by proper authority), from Broadway to Riverside Drive, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final last partial and separate report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in the City of New York, on the 27th day of November, 1908, at 10.30 o'clock in forenoon of that day, and that the said final last partial and separate report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 20, 1908.

MICHAEL T. DALY, THOMAS S. SCOTT, Commissioners.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SIXTY-FIRST STREET (although not yet named by proper authority), from Broadway to Riverside Drive, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final last partial and separate report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in the City of New York, on the 24th day of November, 1908, at 10.30 o'clock in forenoon of that day, and that the said final last partial and separate report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 18, 1908.

B. A. KENNEDY, JAMES T. MEHGAN, M. W. RAYNES, Commissioners.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title wherever the same has not been heretofore acquired for the same purpose, in fee, to the lands, tenements and hereditaments required for the opening and extending of an extension of ST. NICHOLAS PARK, from its southerly line near West One Hundred and Thirtieth street to a point nearly opposite to the southerly line of West One Hundred and Twenty-eighth street, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, from May 22, 1908, up to and including November 10, 1908, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the

County Court House in the Borough of Manhattan, in The City of New York, on the 10th day of December, 1908, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, November 17, 1908.

JAMES T. MEHGAN, GAO W. O'BRIEN, FRANCIS O'NEILL, Commissioners of Estimate.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SEVENTY-EIGHTH STREET (although not yet named by proper authority), from Cedar Avenue to the easterly line of the Putnam Division of the New York Central and Hudson River Railroad, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 1st day of December, 1908, and that we, the said Commissioners, will hear parties as aforesaid, and for that purpose will be in attendance at our said office on the 2d day of December, 1908, at 2 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 2d day of December, 1908.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point formed by the intersection of the northerly prolongation of a line parallel to and distant one hundred (100) feet southwesterly from the southerly line of that portion of West One Hundred and Seventy-seventh street lying between Cedar Avenue and Sedgwick Avenue with the southerly line of the New York and Putnam Railroad; running thence northerly along said southerly line of the said railway to its intersection with a line parallel to and distant one hundred (100) feet northerly from the southerly line of West One Hundred and Seventy-eighth street; thence southerly along said parallel line to West One Hundred and Seventy-ninth street and its southerly prolongation to its intersection with a line parallel to and distant one hundred (100) feet southwesterly from the southerly line of Sedgwick Avenue; thence southerly along said last mentioned parallel line to Sedgwick Avenue, to its intersection with a line drawn at right angles to the westerly line of Lansing Street at a point midway between West One Hundred and Seventy-ninth street and Riverside Avenue; thence easterly along said line midway between West One Hundred and Seventy-ninth street and Riverside Avenue, to its intersection with a line parallel to and distant one hundred (100) feet southwesterly from the southerly line of Andrews Avenue; thence southerly along said parallel line to Andrews Avenue, to its intersection with a line drawn at right angles to the southerly line of the New Croton Aqueduct at a point midway between Riverside Avenue and Tenney Avenue; thence northerly along said line midway between Riverside Avenue and Tenney Avenue to its intersection with a line parallel to and distant one hundred (100) feet southwesterly from the southerly line of Sedgwick Avenue; thence southerly along said last mentioned parallel line to Sedgwick Avenue to its intersection with a line parallel to and distant one hundred (100) feet southwesterly from the southerly line of that portion of West One Hundred and Seventy-seventh street lying between Cedar Avenue and Sedgwick Avenue; thence northerly along said parallel line to West One Hundred and Seventy-eighth street and its northerly prolongation and parallel line to West One Hundred and Seventy-ninth street and its northerly prolongation to the said or other of beginning, as such area is shown on our benefit map deposited as aforesaid.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in the City of New York, on the 10th day of January, 1909, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have heretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 881 and 884 of the Greater New York Charter, as amended by chapter 628 of the Laws of 1906.

Dated Borough of Manhattan, New York, July 10, 1908.

JULIUS HEIDERMAN, Chairman; THOMAS J. MADDERS, Commissioners.

JOHN P. DUNN, Clerk.

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending AVENUE J, from Ocean Parkway to East Sixteenth Street,

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in the City of New York, on the 10th day of January, 1909, at the opening of the Court on that day.

Dated Borough of Manhattan, New York, November 19, 1908.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending AVENUE J, from Ocean Parkway to East Sixteenth Street,

occupying the property occupied by the tracks of the Long Island Railroad and of the Brooklyn and Brighton Beach Railroad, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 17th day of December, 1908, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Avenue J, from Ocean parkway to East Sixteenth street, crossing the property occupied by the tracks of the Long Island Railroad and of the Brooklyn and Brighton Beach Railroad, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, yards or parcels of land, viz:

Parcel A.

Beginning at the intersection of the eastern line of Ocean parkway with the southern line of Avenue J, as the same are laid out on the map of the City.

- 1. Thence northerly along the eastern line of Ocean parkway to feet;
2. Thence westerly, deflecting 90 degrees to the right, 2240 feet to the western line of the property of the Brooklyn and Brighton Beach Railroad;
3. Thence westerly, deflecting 90 degrees to the right, 80 feet;
4. Thence westerly 2320 feet to the point of beginning.

Parcel B.

Beginning at the intersection of the eastern line of East Sixteenth street with the northern line of Avenue J, as the same are laid out on the map of the City.

- 1. Thence northerly along the eastern line of East Sixteenth street to feet;
2. Thence westerly, deflecting 90 degrees to the right, 80 feet;
3. Thence northerly, deflecting 90 degrees to the right, 80 feet;
4. Thence easterly 60 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 24th day of June, 1908, duly read and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between Avenue I and Avenue J, on the east by a line midway between East Eleventh street and East Seventeenth street, on the south by a line midway between Avenue I and Avenue K, and on the west by a line midway between East Fifth street and Ocean parkway.

Dated New York, November 14, 1908. FRANCIS E. MENTHEW, Corporation Counsel.

Hall of Records, Borough of Manhattan, New York City. 11244b

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of AVENUE K, from Ocean parkway to East Sixteenth street, crossing the lands occupied by the tracks of the Brooklyn and Brighton Beach Railroad, and the Long Island Railroad, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 16th day of December, 1908, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Avenue K, from Ocean parkway to East Sixteenth street, including the lands occupied by the tracks of the Brooklyn and Brighton Beach Railroad, and the Long Island Railroad, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, yards or parcels of land, viz:

- 1. Thence northerly along the east line of Ocean parkway, 50 feet;
2. Thence easterly, deflecting 90 degrees to the right, 2320 feet, to the west line of the Brooklyn and Brighton Beach Railroad;
3. Thence northerly, deflecting 90 degrees to the right, 80 feet;
4. Thence westerly 2320 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 24th day of June, 1908, duly read and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between Avenue I and Avenue K, and by the prolongation of the east line, on the east by a line midway between East Eleventh street and East Seventeenth street, and by the prolongation of the east line, on the south by a line midway between Avenue K and Avenue L, and by the prolongation of the east line, and on the west by a line midway between the eastern line of Ocean parkway and the east line of Ocean parkway.

Dated New York, November 14, 1908. FRANCIS E. MENTHEW, Corporation Counsel.

Hall of Records, Borough of Manhattan, New York City. 11244a

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of BOERSMAN AVENUE, although not yet named by proper authority, from Richmond street to Nicholas avenue, in the Third Ward, Borough of Richmond, City of New York.

erly line of Richmond terrace to the pier and bulkhead line in the Third Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 20th day of November, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of Richmond, three to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 21, 1908.

ALBERT E. HADLOCK, STEPHEN D. STEPHENS, Commissioners.

JOHN P. DUNN, Clerk. 112128

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of SEA VIEW AVENUE, although not yet named by proper authority, from Richmond street to Southfield boulevard, in the Fourth Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions, at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 24th day of December, 1908, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Richmond, three to remain for and during the space of ten days, as required by the provisions of section 466 of the Laws of 1907.

Dated Borough of Manhattan, New York, November 21, 1908.

W. M. MULLEN, WALLACE M. LOOS, FRANK H. PINES, Commissioners.

JOHN P. DUNN, Clerk. 112141

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of ROEBLING STREET, 20 feet on its westerly side, from the Bridge Plaza at South Fourth street to Union avenue, in the Thirteenth and Fourteenth Wards, in the Borough of Brooklyn, The City of New York, as the same has been heretofore laid out.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, at a Special Term thereof, to be held for the hearing of motions, at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 16th day of December, 1908, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, three to remain for and during the space of ten days, as required by the provisions of section 466 of the Laws of 1907.

Dated Borough of Brooklyn, New York, November 20, 1908.

HETER F. LYMAN, JAMES F. LILLY, JAMES L. MADIGAN, Commissioners.

JAMES F. QUIGLEY, Clerk. 112442

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of HAYFIELD PLACE, although not yet named by proper authority, from Richmond street to Nicholas avenue, in the Third Ward, Borough of Richmond, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owners and occupants of all lands and premises, with the buildings thereon and the appurtenances thereto belonging, and to all others whom it may concern, to wit:

First—That we have completed our supplemental and amended estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, New York, on or before the 17th day of December, 1908, and that we, the said Commissioners, will hear parties in objection, and for that purpose will be in attendance at our said office on the 17th day of December, 1908, at 10 o'clock, p. m.

Second—That the abstracts of our said supplemental and amended estimate and assessment, together with our maps and bench maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, New York, at West Broadway, in the Borough of Manhattan, in said City, there to remain until the 20th day of December, 1908.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at the point of intersection of a line parallel to and distant 100 feet westerly from the easterly line of John street with the westerly prolongation of the middle line of the blocks between Jaynes avenue and Clavie avenue, running thence westerly along said prolongation and northwesterly to and distant 100 feet westerly from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such are shown upon our bench maps deposited as aforesaid.

its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Nicholas avenue, thence southerly along said parallel line to its intersection with the middle line of the blocks between Charles avenue and Hatfield place, thence easterly along said middle line to its intersection with the westerly line of Richmond avenue, thence on a line at right angles to Richmond avenue to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Richmond avenue, thence southerly along said parallel line to its intersection with the westerly prolongation of the middle line of the blocks between Hatfield place and Clavie avenue, thence westerly along said prolongation and middle line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Nicholas avenue, thence southerly along said parallel line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet westerly from the southerly line of that portion of Lewis street lying between John street and Grant street, thence westerly along said prolongation and parallel line and its westerly prolongation to its intersection with a line parallel to and distant 100 feet westerly from the westerly line of John street, thence northerly along said parallel line to the point or place of beginning, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such are shown upon our bench maps deposited as aforesaid.

Fourth—That, provided there be no objections filed to either of said supplemental and amended abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 16th day of February, 1909, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said supplemental and amended abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 461 and 462 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1905.

Dated Borough of Manhattan, New York, October 30, 1908.

HENRY V. MORRISON, ANDREW J. HINTON, Commissioners.

JOHN P. DUNN, Clerk. 112149

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of ACADEMY STREET, although not yet named by proper authority, from Huster avenue to Grand avenue, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 16th day of December, 1908, at 10.30 o'clock in forenoon of that day; and that the said final report has been deposited in the office of the Clerk of the County of Queens, three to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 20, 1908.

WILLIAM E. STEWART, CORTLANDT C. WOODBURN, Commissioners.

JOHN P. DUNN, Clerk. 112127

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of STAR AVENUE, although not yet named by proper authority, from Hudson avenue to Howard street, in the First Ward, Borough of Queens, in The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions, at the County Court House in the Borough of Brooklyn, in The City of New York, on the 20th day of November, 1908, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, three to remain for and during the space of ten days, as required by the provisions of section 466 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1907.

Dated Borough of Manhattan, New York, November 16, 1908.

JAMES J. CONWAY, JOHN W. GILL, W. H. BRAWLEY, Commissioners.

JOHN P. DUNN, Clerk. 112127

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of HEMLOCK STREET, from Jamaica avenue to Atlantic avenue, in the Twenty-sixth Ward, Borough of Brooklyn, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupants or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our amended and supplemental estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objec-

tions thereto, do present their said objections in writing, duly verified, to us at our office, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 16th day of December, 1908, and that we, the said Commissioners, will hear parties in objection, and for that purpose will be in attendance at our said office on the 17th day of December, 1908, at 10 o'clock, p. m.

Second—That the abstracts of our said amended and supplemental estimate and assessment, together with our maps and bench maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 19th day of December, 1908.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point on the southerly side of Jamaica avenue where the same is intersected by the centre line of the block between Hemlock street and Railroad avenue; running thence southerly and along the centre line of the blocks between Hemlock street and Railroad avenue to the northerly side of Atlantic avenue; running thence westerly and along the northerly side of Atlantic avenue to the centre line of the block between Crescent street and Hemlock street; running thence northerly and along the centre line of the blocks between Crescent street and Hemlock street to the southerly side of Jamaica avenue; running thence easterly along the southerly side of Jamaica avenue to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 20th day of December, 1908, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of our amended and supplemental estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 461 and 462 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1905.

Dated Borough of Brooklyn, New York, November 9, 1908.

GEORGE H. McVEY, Chairman; M. E. FINNIGAN, Commissioners.

JAMES F. QUIGLEY, Clerk. 112141

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National Banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bid required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be enclosed in the envelope containing the bid or estimate, but should be either enclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, references must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application thereto at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.