

THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XXVIII.

NEW YORK, WEDNESDAY, FEBRUARY 21, 1900.

NUMBER 8,145.



DEPARTMENT OF HEALTH.

Report for the Year Ending December 31, 1898.

DEPARTMENT OF HEALTH—CITY OF NEW YORK,
SIXTH AVENUE AND FIFTY-FIFTH STREET, BOROUGH OF MANHATTAN,
NEW YORK, December 22, 1899.

Hon. ROBERT A. VAN WYCK, Mayor of The City of New York:

SIR—I have the honor to transmit herewith the annual report of the Department of Health of The City of New York, for the year 1898, pursuant to the provisions of section 1168 of chapter 378 of the Laws of 1897.

By order of the Board.

C. GOLDERMAN, Secretary, pro tem.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK,
SOUTHWEST CORNER SIXTH AVENUE AND FIFTY-FIFTH STREET,
NEW YORK, November 29, 1899.

Hon. ROBERT A. VAN WYCK, Mayor of The City of New York:

SIR—In accordance with the provisions of section 1168 of title I of chapter XIX of the Charter, the Board of Health of the Department of Health of The City of New York has the honor to present the following report of the operations of the Department of Health of The City of New York for the year ending December 31, 1898:

Under the provisions of the section of the Charter above specified, all the authority, duty and powers heretofore conferred or enjoined upon the health departments, boards of health, health and sanitary officers, etc., in any of the municipal and public corporations or parts thereof in any of the territory now included in or hereafter to become a part of The City of New York, were conferred upon and vested in, to be exclusively exercised in The City of New York, the Board of Health of the Department of Health of said city.

The Charter provides for the organization of the Department of Health in two bureaus, viz.: the Sanitary Bureau and the Bureau of Records, following in this respect the provisions of The New York City Consolidation Act. At the same time, the Charter confers upon the Board of Health the power to establish and maintain in the boroughs of Manhattan, The Bronx, Brooklyn, Queens and Richmond, sub-bureaus wherein the business and duties of the Department of Health shall be performed under its regulation and control.

The work of organizing the complicated sanitary machinery of the consolidated territory proved to be a stupendous task, especially as in the boroughs of Queens and Richmond there had existed numerous small boards of health which were frequently in conflict with each other, and whose records were either entirely lost or in a state of hopeless confusion.

Prior to consolidation these borough boards of health were presided over by officials who were answerable for their acts sometimes to the State Board of Health, but oftener to themselves alone. The territory over which they exercised jurisdiction was often extensive and sparsely settled. Clergymen, physicians and midwives were extremely negligent in the matter of making returns to the local boards of health, as required by law.

Thus, for example, previous to consolidation there were eight different and distinct boards of health in the Borough of Richmond, regularly constituted under the Laws of the State and acting independently of one another. These different boards of health were designated as follows:

Board of Health of the Village of New Brighton.
Board of Health of the Village of Port Richmond.
Board of Health of the Village of Edgewater.
Board of Health of the Village of Tottenville.
Board of Health of the Town of Northfield.
Board of Health of the Town of Middletown.
Board of Health of the Town of Westfield.
Board of Health of the Town of Southfield.

There were also twelve distinct boards of health in the Borough of Queens, these boards being designated as follows:

Board of Health of the Town of Flushing.
Board of Health of the Village of Flushing.
Board of Health of the Village of Whitestone.
Board of Health of the Village of College Point.
Board of Health of the Town of Jamaica.
Board of Health of the Village of Jamaica.
Board of Health of the Town of Newtown.
Board of Health of the Town of Hempstead.
Board of Health of the Village of Arverne.
Board of Health of the Village of Far Rockaway.
Board of Health of the Village of Rockaway Beach.
Board of Health of Long Island City.

The powers of these various boards of health having been merged by the Charter in the Board of Health of the greater city, it devolved upon this latter body to apply to the disharmonious elements of the borough boards the stern discipline and inflexible regulations which had from its inception been a marked characteristic of the Board of Health of The City of New York.

The task was rendered doubly difficult because of the confused state in which the affairs of the borough boards were found to be, numerous controversies having arisen over nuisances that occurred on the boundaries of the different jurisdictions, with the natural tendency on the part of the various disputing boards to shift responsibility.

Thus, in the course of reorganization, it became the duty of the Board of Health to speak a new language to the outlying boroughs in reference to the matter of nuisances as well as that of general sanitary regulation. While the same rigid rule which is enforced in the large cities would be obviously unnecessary in rural localities, it has nevertheless been the object of the Board of Health to introduce into such localities the animating principle of the system which was so conspicuously successful in the sanitary administration of the former City of New York.

All this involved a great amount of preliminary instruction of citizens as to their duties under the Sanitary Code toward themselves and others, and as to their relations to the Department of Health. The Board of Health is able to report that, through persistent effort, these difficulties of administration have been for the most part successfully surmounted.

In the creation of the subordinate executive and administrative offices in the various places in which sanitary service had previously been lacking, or negligent and inefficient, the Board of Health was careful in the selection of incumbents to these offices to appoint men of good character and tried ability, who were familiar with the communities within their jurisdiction.

Besides this organization of the borough offices and the adjustment of their relations to the central office in the Borough of Manhattan, the Board of Health has devoted itself with vigor and success to the abatement of various nuisances involving large corporate interests, which have existed for many years in the suburban portion of the new city.

Thus, the Board has taken up and put in the way of solution the question of the nuisances on Barren Island and in and around Newtown Creek. It has taken measures to abolish the

abominable practice of burning soft coal in manufactories, and the nuisance caused by the discharge of sewage from Arverne and Edgemere in Jamaica Bay; and has caused a revolution in the matter of the conduct of a large number of offensive trade factories. In this connection special attention should be called to the good results accomplished by the offensive trade inspections as continued by the present Board. By means of this system all offensive trades, such as gas-houses, slaughter-houses, manufactories, shops, etc., are under the constant supervision of the Inspectors of the Board of Health.

The Board of Health of the greater city met, pursuant to the provisions of chapter 378 of the Laws of 1897, on January 1, 1898, for preliminary organization. On motion, the Board adjourned until January 3, 1898, when the real work of reorganizing the Department was begun in earnest. The first act of the Board was the adoption of the Sanitary Code as applicable to the whole city, and the appointment of a committee to prepare additions, alterations or amendments thereto. This committee was also authorized to prepare a plan of organization for the conduct of the business of the several boroughs included in the consolidation.

At this meeting there were present Nathan Straus, President of the Board; William T. Jenkins, M. D., and John B. Cosby, M. D., Commissioners of Health; Bernard J. York, President of the Board of Police, and Alvah H. Doty, M. D., Health Officer of the Port of New York. Commissioner William T. Jenkins, M. D., was appointed Chairman of the Sanitary Committee. President Straus resigned from the Board early in the year, and on March 3, 1898, Colonel Michael C. Murphy was appointed by his Honor the Mayor to succeed him. President Murphy took his seat as President on March 8, 1898.

THE SANITARY BUREAU.

The Sanitary Bureau is under the charge of the Sanitary Superintendent, who as its chief executive officer is charged with the general supervision of the sanitary work of the Department, the enforcement of the provisions of the several sections of the Sanitary Code, and the laws and ordinances relating to tenements and lodging-houses. The central office of administration is in the Borough of Manhattan, and in each of the five boroughs there is a subordinate or branch office of the bureau under the direction of an assistant sanitary superintendent.

The divisions of the Sanitary Bureau are as follows:

In the Borough of Manhattan, six divisions, viz.:
First—The Division of Sanitary Inspection.
Second—The Division of Contagious Diseases.
Third—The Division of Food Inspection and Offensive Trades.
Fourth—The Division of Bacteriology.
Fifth—The Division of Medical Inspection of Schools.
Sixth—The Division of Marine Inspection.
In the Borough of The Bronx, two divisions, viz.:
First—The Division of Sanitary Inspection.
Second—The Division of Contagious Diseases.
In the Borough of Brooklyn, four divisions, viz.:
First—The Division of Sanitary Inspection.
Second—The Division of Contagious Diseases.
Third—The Division of Food Inspection and Offensive Trades.
Fourth—The Division of Medical Inspection of Schools.

HOSPITALS.

There are four hospitals under the jurisdiction of the Board of Health, which are devoted to the reception and treatment of those suffering from contagious diseases. These hospitals are:

The Willard Parker Hospital, at the foot of East Sixteenth street.
The Reception Hospital at the foot of East Sixteenth street.
The Riverside Hospital on North Brother Island.

The Kingston Avenue Hospital at Kingston avenue and Tulip street, Borough of Brooklyn. During the year 1898, 2,092 persons have been removed from the various boroughs to these hospitals suffering from contagious diseases. All cases of uncomplicated diphtheria and scarlet fever occurring in the boroughs of Manhattan, The Bronx and Richmond were removed to the Willard Parker Hospital. All other cases and cases of typhus fever and smallpox were removed to the Riverside Hospital on North Brother Island. All cases of contagious disease, except typhus fever and smallpox, occurring in the boroughs of Brooklyn and Queens, were removed to the Kingston Avenue Hospital, Borough of Brooklyn.

PUBLIC HEALTH.

The records of vital statistics, as found in the report of the Registrar of Records for 1898, show that, with an estimated population of 1,000,000 for the greater city, there were 66,294 deaths, giving a death rate of 19.28 as against 18.80 for the year 1897.

Comparisons of the mortality of the city with that of 1897 are, of course, impossible for various reasons. The report of the Registrar of Records shows that considerable imperfection was found in the records of the boroughs of Queens and Richmond, so that no comparisons of real value could be arrived at. There is sufficient assurance to be derived from these figures, however, of the fact that throughout the greater city diseases susceptible to sanitary control have diminished in frequency.

Comparisons of mortality for 1897 and 1898, respectively, in the boroughs of Manhattan, The Bronx and Brooklyn have been possible because of the perfection of the records. The increase in mortality in the boroughs of Manhattan and The Bronx for 1898 is 4 per cent., and in the Borough of Brooklyn 6½ per cent. This increase is to be accounted for partly by the recrudescence of the influenza in the latter part of the year. Other causes contributing to the increase above specified were the war and the unusually hot weather which prevailed during the summer of 1898.

CONTAGIOUS AND INFECTIOUS DISEASES.

The report of the Registrar of Records shows that throughout the entire city during the year 1898, there was a notable decrease in the number of deaths from contagious and infectious diseases. Thus, there is shown in the accompanying tables a marked decrease over previous years in the number of deaths from smallpox and diphtheria. There was an increase of 227 in the number of deaths from whooping cough; but as no attempt is made to control this disease, the figures cannot be regarded as typical of the work of the Department.

Yellow Fever.

The success of the Department in dealing with contagious disease cannot be better illustrated than by reference to the case of Colonel George E. Waring, who died in this city October 29, 1898, of yellow fever contracted in Havana, Cuba, whither he had gone as a Special United States Commissioner to inspect that city and devise some plan for its thorough and effective sanitation. Colonel Waring arrived here on the steamer "Yucatan," from Havana, on October 25, and was passed by the Health Officer of the port, along with the other passengers on the ship.

He did not develop unmistakable symptoms of the dread disease until two days after his arrival, and when the matter was first brought to the attention of this Board the fear was expressed that he might have communicated the malady to his fellow passengers on the "Yucatan." Such, however, proved not to be the case.

The ability of the Department to cope successfully with the most virulent forms of contagious disease was signally demonstrated in the case of Colonel Waring, and was particularly noteworthy as constituting the first departure from the policy heretofore pursued by the Board of removing the afflicted person to one of the contagious disease hospitals under its control.

It will be recalled that the eminent astronomer, Richard A. Proctor, who died in this city of yellow fever some years ago, was at once removed, on the nature of his disease becoming known, to the Reception Hospital. In Colonel Waring's case, however, the Board applied the knowledge derived from experience, and on the urgent suggestion of the Chairman of the Sanitary Committee, refused to move the patient from his home, where he remained in perfect and successful isolation until his death on October 29, 1898.

In the treatment of this difficult case the following course was pursued:

1. As soon as the case was reported as one of yellow fever, the most distinguished diagnosticians in the city were requested to proceed to Colonel Waring's house, in company with the Sanitary Superintendent and the Chief of the Division of Contagious Diseases, and report back to the Sanitary Committee if the disease were really yellow fever.

2. The Committee, on learning that Colonel Waring was suffering from true yellow fever, took the stand that a removal of the case would accelerate the death of the patient, and ordered that the patient should be isolated in his apartments on the top floor of No. 175 Second avenue, and that no one should be allowed either to enter or leave those premises except the physicians in charge and duly accredited officials of this Department.

3. The Chairman of the Sanitary Committee stated, in support of this position, that while Health Officer of the Port he had frequent occasion to attend upon cases of yellow fever and had

also performed numerous autopsies upon subjects who had succumbed to the disease, and in none of such instances did attendants or others contract the disease. He was convinced from that experience that there was no danger of an extension of the disease if the proper precautions were taken.

As soon as this Department was authoritatively informed that Colonel Waring was suffering from yellow fever, its officials took possession of the premises at No. 175 Second avenue, and maintained the most rigid quarantine. Inspectors were stationed at the entrance to the house at the inside or inner vestibule door, and on the landing just outside the apartments occupied by Colonel Waring and his family, the members of which were isolated with him. There were nine other families in the house besides that of Colonel Waring, but none of them evinced any signs of panic. They were not, however, permitted to leave the house until they had undergone a thorough disinfection.

Upon being informed of Colonel Waring's death, this Department immediately removed the body in a hermetically sealed casket to the foot of East Sixteenth street, where it was placed on board of the t. g. "Allen" and conveyed to Swinburne Island for incineration. The body, however, was not immediately cremated, but placed in the cold storage vaults on the island to await the wishes of the family.

Officials of the Department of Health, as soon as the body was removed, took possession of the Waring apartments, thoroughly disinfected all the contents, and then removed and burned them. Mrs. Waring and her son and the nurse were allowed to leave the house after being thoroughly disinfected. There were no other cases of yellow fever from this source. After her husband's body had been incinerated, Mrs. Waring forwarded her thanks to the Board of Health for the courteous treatment received at the hands of its Commissioners, officers and their subordinates.

A Low Mortality.

The death rate for the consolidated city, 19.25 for the year last past, must be admitted to be very low when compared with the rate for Manhattan and The Bronx (the former City of New York) in previous years. The city in fact has been unusually healthy, and this result is in great measure due to the untiring efforts of the officials of this Department to extend and enforce the operation of the sanitary laws which formerly applied to the boroughs of Manhattan and The Bronx alone. The death rate in each of the five boroughs for the year 1898, were as follows:

Manhattan	19.19
The Bronx	27.36
Brooklyn	18.37
Queens	20.00
Richmond	20.11
For the whole city	19.25

The apparently large death rate in the Borough of The Bronx is accounted for by the large number of deaths of the inmates of institutions who had been transferred thither from the Borough of Manhattan.

BIRTHS.

The total number of births reported was 78,928 for the entire city, against 54,089 in 1897, and 55,623 in 1896, in the former City of New York alone. Of the total number, 43,471 or about 55 per cent. were reported by physicians, and 35,457 or nearly 45 per cent. were reported by midwives. Of plural births there were 576 pairs of twins reported. There were 1,249 illegitimate births reported, about one and one-half per cent. of the whole. It is probable that many births of this class are never reported to the Department of Health.

MARRIAGES.

The total number of marriages reported was 28,885 in the entire city, against 20,365 in the former City of New York in 1897, representing a marriage rate of 16.80 persons married per 1,000 living.

SANITARY INSPECTION.

The several sections of the Sanitary Code are enforced by general orders of the Board or, in extreme cases, by peremptory orders of the Sanitary Superintendent by and through the medium of the Sanitary Police. For the purpose of special sanitary inspection the city is divided into districts, one or more Inspectors being detailed to work in each district, his duty consisting in the investigation and making of reports and recommendations to the Board upon citizens' complaints referred to him and the frequent inspection of and report upon special places which are likely to become dangerous to life or detrimental to health.

The report of the Sanitary Superintendent shows with what thoroughness and success this work has been accomplished. The number of complaints investigated was 33,439. 55 per cent. of which required action on the part of the Board and were duly forwarded by the Sanitary Superintendent.

INSPECTION FOLLOWING CASES OF CONTAGIOUS DISEASE.

The report of the Sanitary Superintendent shows that, after the recovery or death of a person or persons afflicted with contagious disease, the house in which the sickness occurs is carefully inspected, and if any sanitary defects are discovered, the house is ordered to be put in proper sanitary condition.

SUMMER CORPS.

Under the provisions of section 230 of chapter 378 of the Laws of 1897, the Board of Estimate and Apportionment is required to appropriate ten thousand dollars to be known as the Tenement-house Fund, to be expended in the employment of a special corps of physicians, whose duty shall be to visit every tenement-house, especially in the poorer and more crowded districts of the city, prescribe for the helpless poor and give needful advice, distribute rules for the care of infants, and cause to be corrected all unsanitary conditions. Forty-two Inspectors were appointed for this purpose during the months of July, August and September, who visited 22,280 houses and made 207,955 visits to families. They also treated 21,651 persons, mostly children, and distributed 57,000 printed circulars, containing instructions for the proper care and feeding of infants. These circulars were printed in English, German, Italian and Hebrew. They also distributed 6,271 milk tickets, 5,683 ice tickets and 17,201 tickets which gave deserving patients a trip down the bay on the floating hospital of St. John's Guild.

TENEMENT-HOUSE INSPECTION.

One of the most important matters which has engaged the attention of the Board during the year 1898 has been the inspection of the tenement-houses of the consolidated city. When it is understood that more than two-thirds of the people live in this class of houses, it will be seen that this particular field of sanitary work is almost unlimited. A tenement-house under the Charter includes every building or portion thereof which is rented, leased, let or hired out to be occupied as a house or residence of three or more families living independently and doing their cooking upon the premises, or by more than two families upon any floor so living and cooking, but having a common right in the halls, stairways, yards, water-closets, or some of them.

This work of inspection has been performed with marked thoroughness during the year. It includes the inspection of tenements two or three times a week and also at night, with a view to ascertaining to what extent overcrowding of the houses prevails. The regulations for this class of houses are very strict, requiring at least 400 cubic feet of air space for each occupant of lodging-houses, one closet for every fifteen persons, adequate and sanitary plumbing and the like.

INSPECTION OF MERCANTILE ESTABLISHMENTS.

During the year 1898 there were 49,342 inspections of mercantile establishments in accordance with the provisions of section 11 of chapter 384 of the Laws of 1896, and chapter 415 of the Laws of 1897. The object of these inspections is to ascertain in the hours of labor of minors, the number of children employed in such establishments under the age of sixteen years, the registry of children employed, the sanitary condition of wash-rooms, water-closets and lunch rooms, and whether seats are provided for women, and also the number of women and children employed in basements.

MILK INSPECTION.

In the inspection of milk eleven Inspectors and two Sanitary Policemen are now employed. It is the duty of Milk Inspectors to inspect the milk offered for sale in stores and other establishments. During the year 1898, 1,212,000 quarts of milk were so inspected. There was also a thorough and exhaustive inspection of milk cows, each cow being subjected to what is known as the tuberculin test.

MEAT, FISH, FRUIT AND FOOD INSPECTION.

The inspectors of meat, fish, fruit and food supplies are employed in daily inspection of the slaughter-houses, markets, commission-houses, stores, bakeries, etc., and, in fact, of all places where food supplies are offered for sale, to ascertain the condition thereof. The provisions of the Sanitary Code in regard to the hanging by dealers of meat, poultry and game on racks outside their doors are strictly enforced. During the year ending December 31, 1898, 860,963 pounds of meat, 1,232,894 pounds of fish and 7,746,959 pounds of fruit and foods were confiscated.

OFFENSIVE TRADES.

The Board of Health has devoted special time and attention during the year to the condition of the gas-houses and slaughter-houses and other establishments where offensive trades are carried on. During the year daily inspections have been made of slaughter-houses and manufactory in which excessive noise is calculated to be a menace to the health of surrounding populations. In this class of inspections are also included factories in which there is a discharge

of smoke from the burning of soft coal and shavings and wood. The entire greater city has been districted with reference to establishments of this description and inspections are made daily with salutary results.

BARREN ISLAND.

The Department of Health has devoted a large share of its attention during the past year to the abatement of the nuisances existing on Barren Island and along Newtown creek, which consolidation has placed for the first time under the jurisdiction of this Board. As will be seen from the report of the Sanitary Superintendent, the task has been fraught with difficulties, but, notwithstanding this, great strides have been made toward lessening the evil effects of these nuisances.

The matter of the disposition to be made of the various rendering works on Barren Island is one which has provoked much difference of opinion, one line of interests contending that the abolition of the factories on the island will deprive the city of a means of disposal of its offal and other refuse, while another contends that the existence of these works is not only a menace to the city itself, but has destroyed the value of property in many of the near-by ocean resorts.

Pending legislation on this subject, the Board of Health has taken steps to lessen as far as may be the evil effects resulting from the existence of these nuisances. Numerous complaints against them have been lodged with this Board from time to time, and during July, 1898, the whole matter was thoroughly investigated and reported upon by a committee, which made the following recommendations, the same being fully carried out by order of the Board:

"To the Board of Health:

"The undersigned, who were by resolution adopted by the Board on the 6th day of July, 1898, appointed a committee to investigate and report as to the alleged nuisances complained of on Barren Island, do respectfully report: That immediately after their appointment they selected Edward W. Martin, Chief Inspector of the Division of Offensive Trades; Joseph B. Taylor, Inspector of Offensive Trades, attached to this Department, and Mr. John Bogart, Consulting Engineer, and directed that they make a thorough examination of the business carried on at said Barren Island, the nature of the same, character of the machinery, and the manner of conducting the business, and whether it is possible to so conduct it with the plants now in use as to avoid the unpleasant odors complained of, or if any improvements are capable of being made in the present plants to accomplish this purpose.

"The committee further instructed the gentlemen so selected that they did not intend to limit the examination to be made, but desired a full report as to the present conditions on the island, and such recommendations as they may deem necessary for the abatement of the nuisance, or if, in their opinion, no improvements can be made which would abate the nuisance, that they should so state. And further, that their reports should be made separately. The report of each of the persons so selected has been made to your committee, and are herewith transmitted for the information of the Board and for such action as the Board may deem necessary.

"From an examination of the reports, it will appear that the nuisance complained of can, in the judgment of the investigators, be abated by certain alterations and improvements in the plants now in use and in the manner of conducting the business. Your Committee recognizes the justice of the complaints made by the residents on the shores of Queens and Kings counties. They are reminded, however, that provisions necessary for the disposal of the garbage and dead animals which are collected in our great city must be made; and, under existing contracts, provision for the disposal of such matter is provided to be had at the works on Barren Island; and, until some other provision is made by the City for the disposal of such matter, nothing remains for this Board of Health but to compel the contractors to make every necessary provision in the carrying on of their business as will minimize the offensiveness of the same.

"From the reports submitted to us it appears that the Sanitary Utilization Company are particularly to blame for the offensive odors complained of, and your committee therefore recommends:

"First—That the Sanitary Utilization Company be required forthwith to make provisions so that the scow or boat upon which the garbage is brought to the island shall be floated under a shed of building so constructed that it may be closed air-tight before the garbage is removed from the scow or boat to the buildings on the island.

"Second—That all openings and windows in or about the part of the plant in which the garbage is received shall be so closed as to prevent the entrance of air, or the escape therefrom of any odor, and that the air required shall be driven into the rooms of said plant by suitable fans or blowers.

"Third—That the air shall be drawn off in a similar way and discharged into scrubbers provided with large quantities of water greatly in excess of the theoretical amount, such waters to be charged with hypochlorite of soda, and the effluent to be discharged under the waters of the bay at a point below low tide by means of suitable pumps, and that all fans, blowers, pumps, scrubbers and apparatus necessary for the purpose mentioned be erected or placed in duplicate so that the breaking down of one set will not cause a nuisance from the consequent lack of control which would result if only one set were to be employed.

"Your Committee further recommends that the Sanitary Code be so amended as to require that all garbage shall be removed from the city to the place of disposal every twelve hours, and that no boat, barge or other receptacle used in the transferring of the same to Barren Island shall be permitted to remain moored to any dock or place within the city limits for a longer period than twelve hours from the time the garbage is first placed in it.

"And further, that the said boat shall be so constructed as to be capable of being tightly closed, and air outlets sealed by a water seal; and that provisions shall be made for the deodorizing of such garbage as the same is placed in the boat, scow or other receptacle used for its removal to Barren Island.

"It is further recommended that Messrs. P. White's Sons be required to replace the present scrubbers used in their plant with jet condensers of such capacity, and constructed and placed in such manner, as may be directed by the Chief of the Division of Offensive Trades of this Department.

"And it is further recommended that E. J. McKeever be required to make such alterations in his scrubbers or condensers as may be required by the Chief of the Division of Offensive Trades of this Department.

"Your committee further recommends that Edward W. Martin, Chief of the Division of Offensive Trades, be required to personally inspect, or cause to be inspected, the works on Barren Island not less than twice in each week; and that he cause to be assigned to duty on such island one or more inspectors, changing such assignments as often as, in his judgment, the interests of this Department may require, and that such inspectors be required to report daily to said Chief of Division as to the operation of the works and the manner of conducting the same on said Barren Island, and said Chief of Division is required to report weekly to the Board of Health with reference to the same.

"Your committee further recommends that the alterations and improvements in the plants herein recommended be required to be made forthwith, and that the President of the Board of Health be authorized, in the recess of the Board, to revoke the permit of any of the companies or persons upon said island upon the failure to comply at once with such recommendations.

"Your committee further reports that in its opinion the Board of Health should not grant its approval to any plans providing for additions to the present buildings on said island unless such plans provide that the building shall be constructed of iron.

"The committee recommends that the plans for addition to the building of P. White's Sons and Sanitary Utilization Company now before the Board be not approved, for the reason that the same called for the erection of wooden structures.

"(Signed) BERNARD J. YORK,
WILLIAM T. JENKINS, M. D., } Committee."

The report was approved by the Board at a meeting held September 2, and the following resolutions were adopted:

Resolved, That the recommendations contained in the report of the committee as to the nuisances on Barren Island, this day presented to the Board, be and is hereby adopted, and the persons, firms and corporations in said report named are directed to forthwith make the alterations, changes and additions to their respective plants, boats and scows as recommended by said report; and the Secretary is directed to notify the said persons, firms or corporations, and the Sanitary Superintendent is directed to take such steps as may be necessary to compel the said persons, firms or corporations to at once comply with said recommendations. It is further

Resolved, That the Corporation Counsel be and is hereby directed to prepare and submit to this Board such changes in the Sanitary Code as are recommended by the report of the said Committee.

Resolved, That the Sanitary Superintendent be and is hereby directed to require that the contractors employed in the removal of dead animals from The City of New York to Barren Island thoroughly disinfect and deodorize said animals as soon as received, and continue this treatment until the same have been placed in tanks at their disposal works.

The Newtown creek nuisances have been in large measure abated under this administration. Under the old order of things, the twenty-eight offensive-trade factories along this creek were under the control of the Brooklyn Board of Health and the State Board of Health, with the result which usually follows when a house is divided against itself.

Neither party to the undertaking was able to see any good in the suggestions of the other. Thus, on the southwesterly or Brooklyn side of the creek the Department of Health of Brooklyn had control, and on the northwesterly side, in the county of Queens, the State Board had control.

The confusion arising from such divided jurisdiction was amply relieved by consolidation and the placing of both sides of the creek under the jurisdiction of one central board of health. Since the Board of Health of the greater city has enjoyed such jurisdiction, conditions in and about Newtown creek have vastly improved, and still greater improvements are in contemplation.

THE CHEMICAL WORK.

The chemical work of the Department includes the ordinary routine analyses of water, milk, food, etc. For these purposes, the laboratory of the Board is equipped with fixtures and apparatus for carrying on all kinds of chemical investigation and general analytical work. The laboratory has electricity for light and power, and steam for pressure. The work is divided, first, into routine work and, second, special examinations of food and drugs.

BACTERIOLOGICAL INVESTIGATIONS.

The work of this division in bacteriological diagnosis in cases of suspected diphtheria has increased greatly as compared with that accomplished in 1897. The laboratory for bacteriological investigations was established at the foot of East Sixteenth street, known as the Research Laboratory, and the laboratory for bacteriological diagnosis in the Criminal Court Building, known as the Diagnosis Laboratory. The Research Laboratory and vaccine station at the foot of East Sixteenth street is better equipped for bacteriological research and the manufacture of vaccine virus than any similar municipal or State department in the country or abroad.

The large majority of the medical profession in this city now avail themselves of the benefit of bacteriological examinations as an aid to the diagnosis of cases of suspected diphtheria. The collection and examination of cultures are carried on daily, without intermission, Sundays and holidays included, and the work has been so systematized that a report on every culture made for diagnosis is mailed to the attending physician before 1 P. M. on the day of examination. The envelope system of records which was inaugurated several years ago consists in the use of strongly made envelopes, on the outside of which is entered the name and address of the patient and date of death (should the latter occur), with other data to which frequent reference is necessary. These are filed under street and house number in a suitable case. Each envelope contains all the "culture slips" accompanying "primary" or "later" cultures made in any case of suspected diphtheria, together with all other communications relating to the same. The index is rectified daily by comparison with the list of cases of diphtheria and of deaths from this disease reported to the Department.

PRODUCTION OF ANTITOXIN.

The systematic production of this remedy has been carried on since January, 1895, and the Board of Health of the greater city, while not relaxing its encouragement of the production, has taken steps to limit it, so that there should exist no competition in this respect between the city and private manufacturers. The present Board is opposed to any larger production of the antitoxin than will answer the city's immediate needs. Its object is to prevent if possible an overproduction, and the consequent sale of this overplus, a practice which has been visited with condemnation from many quarters, and which the Board is determined to discourage on the ground that the City should not be led into transacting a business of this character.

MEDICAL INSPECTION OF SCHOOLS.

During the year the Division of Medical Inspection of Schools has been greatly broadened and improved. One hundred and ninety-two Medical School Inspectors have been appointed to inspect public and parochial schools in the greater city. These inspectors are required to report every day at the schools to which they are assigned, from 8.50 to 9.30 A. M. They are required to examine each child carefully and to ascertain the names and addresses of children having contagious diseases in their families where notification has not been sent to the schools by the Board of Health, and such lists the Inspectors are expected to forward with their daily reports.

The Board of Health desires most earnestly to invite the attention of your Honor to a traffic involving the health and pecuniary interests of the community in a high degree, but which has not hitherto been brought under its supervision, on account of the lack of funds for the proper organization and equipment of a force to deal with it. This is the unregulated sale of drugs and proprietary remedies.

The unrestricted sale of proprietary remedies is attended with many grave evils. Not only are the purchasers, in many cases, injured in health, but they are deliberately swindled out of their money. Such remedies may be roughly divided into three classes:

(1) Private prescriptions that, having proved efficient in the case for which they were originally compounded, are taken up by energetic business men, manufactured on a large scale, and advertised and guaranteed to cure all similar cases. The fundamental error here is that all cases of the same disease are alike and respond to the same treatment, and that there is no such thing as idiosyncrasy in individuals, which might render them insusceptible or unduly susceptible to a remedy.

It is a well established fact that it is not possible to lay down strict rules whereby any one remedy can be used indiscriminately for the treatment of various diseases, and that the use of wrong remedies may lead to serious results.

The sale of "headache powders" by druggists, without prescriptions, is almost as common as the sale of soda-water. These powders contain almost invariably a coal-tar product which even physicians must administer with great discretion.

Many so-called "asthma cures," moreover, contain potassium iodide, which exerts an almost magical effect on some persons, while others are so unfavorably affected by this drug that even the smallest dose will produce severe and even alarming constitutional symptoms.

A class of catarrh remedies (in powder form) has recently become very popular which have been found to contain cocaine as the active agent, the use of which is dangerous and which may readily lead to a habit more destructive, if possible, than the morphine habit.

(2) Remedies for special diseases or conditions which are so compounded that they tend to promote or intensify the very condition they are supposed to cure. These remedies are not only dangerous, but are deliberate swindles, as the labels and advertisements lie upon their very face. As examples of such remedies, witness the following list taken from the annual report of the Massachusetts Board of Health for 1896, pages 616, 617:

	Per cent. of alcohol.
Parker's Tonic, "purely vegetable," "recommended for inebriates"	41.6
Hooftland's German Bitters, "entirely vegetable," and "free from alcoholic stimulant" ..	25.6
Kaufman's Sulphur Bitters, "contains no alcohol," as a matter of fact, contains 20 per cent. of alcohol and no sulphur	20.5
Walker's Vinegar Bitters, "contains no spirit"	6.1
Whiskol, a "non intoxicating stimulant; whiskey without its sting"	28.2
Colden's Beef Tonic, "recommended for treatment of alcohol habit"	26.5
Hood's Sarsaparilla	18.8
Howe's Arabian Tonic, "not a rum drink"	13.2
Schenck's Seaweed Tonic, "entirely harmless"	19.5
Brown's Iron Bitters, "perfectly harmless"	19.7
Copp's White Mountain Bitters, "not an alcoholic beverage"	6.0

One of these remedies, it will be noticed, although recommended for inebriates, contains about as much alcohol as ordinary whiskey, while a brand of sarsaparilla, widely advertised as an excellent tonic for children, contains as much alcohol as a sherry or port wine. Other so-called harmless preparations have been found to contain morphia in considerable quantity. It is not too much to say that such barefaced, cruel and dangerous deception ought to be suppressed by law.

Another class of injurious preparations may here be mentioned—the hair washes, many of which contain poisonous ingredients, as salts of lead and silver. One of the former is largely advertised as being "purely vegetable."

(3) Remedies that are pure swindles, in that, although harmless in themselves, they extract money from the unwary without adequate return. The sale of these articles ought to be stopped on the ground that the proprietors obtain the money of others on false pretenses. An example is given on page 619 of the Massachusetts report already quoted, viz.: "Kaskine, a much-vaunted remedy, sold at one dollar an ounce, was found to consist of nothing but granulated sugar." Many more instances could be cited where largely advertised and high-priced preparations are simply well-known simple agents, which could be purchased at a very small cost.

Another widely spread evil of a quite different nature is the adulteration of drugs, and the sale of impure drugs. Adulteration implies the admixture of other substances for the sake of cheapening the cost of the drug to the seller, and thus enabling him to make larger profits. But this admixture may consist of the addition of foreign substances, or in the non-removal of impurities. In one case the drug is mingled with cheaper materials; in the other, the expense of complete purification or isolation of the drug is saved, or, in other words, a more or less crude form of the drug is sold at the same price as if it were pure. In either case the purchaser is defrauded, and if the drug is used for medical or chemical purposes the effect is at least weaker, and may be of quite a different kind from what was expected or desired. It is easy to imagine cases in which promptness and efficiency of action are of the very first importance, and a drug which cannot be trusted may be very dangerous.

In the annual report of the New York State Board of Health for 1894, page 167, will be found a summary of the results obtained by the analyst in the examination of 2,289 samples of thirty-three different drugs collected by purchase at retail stores in sixty-three different towns and villages of the State. Of these were found to be—

Good	1,307, or 57.1 per cent.
Fair	284, or 12.4 "
Inferior	598, or 26.1 "
Excessive strength	59, or 2.6 "
Not as called for	41, or 1.8 "

That is, more than half the samples were good, and 43 per cent. were not at all what they purported to be. Some of the adulterations were almost inert; e. g., out of 104 samples of precipitated sulphur, 59 contained large quantities of sulphate of lime.

The item "not as called for" in the table just quoted represents another phase of the drug traffic, viz., substitution. How prevalent this may be, it is difficult to determine, but it must be in every case an absolutely inexcusable fraud. Every purchaser has a right to expect and demand what he calls for, and if one drug be substituted for another in a physician's prescription, it is inevitable that sometimes harm should result. The patient not only fails to experience the proper effect of the prescription, but the physician, unless he is acute enough to detect the imposition, is deprived of a legitimate foundation for subsequent treatment of the case.

Among the cases of substitution mentioned in the New York report just quoted were the following: Creosote being called for and paid for, crude carbolic acid was substituted for it, the medicinal effects of the two drugs differing considerably; ether being ordered, in one case chloric ether was substituted and in two others spirits of nitrous ether, commonly called sweet spirits of nitre, a drug as dissimilar in its physiological effects from the ether that was called for as it is possible to conceive.

There is great temptation to substitute the cheap acetanilid for the high-priced phenacetine. In all of these cases, proprietary remedies, adulterated drugs and substituted drugs, which merge into each other more or less, there are the same frauds and the same perils to the innocent purchasers. They are cheated out of their money under false pretenses, are given articles which they do not ask for and do not want, and are often injured in health and morals as a result. Especially is the sale of a remedy containing acohol to an inebriate, or opium to a victim of the morphine habit, as cruel and dastardly a crime as can be imagined.

The Remedy.

In relation to the indiscriminate sale of secret remedies, it is advised that for the protection of the public health, laws be enacted compelling manufacturers to place on all medicinal preparations labels stating the composition of the contents.

It is further recommended that all drug stores be placed under the direct supervision of the Department of Health, and that inspectors of drugs be appointed to act under the direction of the Chemist of the Department, that the duties of such inspectors be the systematic inspection of all drug stores, to determine the following facts:

- Is the owner a licensed pharmacist?
 - Are prescription clerks licensed?
 - Is a "poison book" kept for the registration of sale of all poisons?
 - At certain intervals the inspectors should obtain samples of drugs for the examination of the same as to purity, and for the purpose of preventing the practice of substitution.
 - Official preparations of all kinds to be examined as to their strength.
- This Department is not aware that such systematic examinations have been made in this city in years, if ever, and it is confidently believed that great public benefit will result therefrom.

OFFICE OF THE ASSISTANT CORPORATION COUNSEL.

The Corporation Counsel, by his assistant, Henry Steinert, Esq., assigned pursuant to the Charter to conduct the legal work of the Board of Health, has rendered valuable aid and assistance in enforcing the orders of the Board.

Of the 13,084 orders referred during the year by the Sanitary Superintendent to the Assistant Corporation Counsel for prosecution, 11,203 were complied with upon receipt of notice from him of his intention to commence suit to recover penalties prescribed by chapter 378 of the Laws of 1897.

Orders received from the Board of Health for prosecution and other legal action	13,084
Notices of intention to commence action on orders received where a violation existed ..	13,084
Other attorney's notices	4,370
	17,454
Nuisances abated after issuing and service of notice	11,203
Actions commenced to recover penalties	1,966
Judgments recovered in Municipal Courts in favor of the Department for the sum of \$209.50 in each case	77
	1,889
Transcripts filed in County Clerk's office	71
Executions issued	70
Judgments vacated and set aside by order of the Court	49
	1,938
Actions discontinued by request of the Board of Health, nuisance having been abated ..	1,690
Civil actions now pending	248
Arrests in Criminal Courts for violation of Sanitary Code	210
Judgments on conviction in Court of General and Special Sessions	188
Amount of fines paid to Clerk of Court of Special and General Sessions after conviction ..	\$4,443 00
Costs collected in civil actions and paid to Secretary of Board upon vacating default judgments	35 00

SPECIAL—On May 19, 1898, a motion came on to be heard before the Supreme Court, First Department, for a peremptory mandamus on relation of one Levy, directing the Commissioners of Health to issue a permit to kill chickens. The Board had refused to grant the applicant such a permit upon the ground that the business was prejudicial to health when conducted in a thickly populated tenement-house district, and that the business was confined to certain limits.

The Court denied the motion with costs, and an order was duly served. The appropriation made to the Department of Health for expenditures during the year 1898 was as follows:

Salaries—Board of Health and Office of the Secretary	\$49,120 00
Borough of Manhattan—	
Salaries	\$242,468 00
Law Expenses—Marshal's Fees	2,000 00
Contingent Expenses	14,750 00
For Removal of Night-soil, Offal and Dead Animals	25,000 00
Sanitary Police	70,800 00
Disinfection	26,280 00
Hospital Fund	58,352 75
Bacteriological Laboratory	49,748 00
Salaries of Medical School Inspectors	48,820 00
For Maintenance of Volunteer Life Saving Corps	1,930 00
	540,138 75
Borough of The Bronx—	
Salaries	\$64,348 00
Contingent Expenses	2,000 00
Disinfection	2,050 00
Removal of Night-soil, Offal and Dead Animals	5,000 00
Hospital Fund	36,100 00
Salaries of Medical School Inspectors	6,780 00
Sanitary Police	8,500 00
New Pavilion for Contagious Diseases at Riverside Hospital	7,000 00
	131,778 00
Borough of Brooklyn—	
Salaries	\$137,901 74
Contingent Expenses	9,000 00
Disinfection	9,200 00
Removal of Night-soil, Offal and Dead Animals	14,000 00
Hospital Fund	23,500 00
Salaries of Medical School Inspectors	14,000 00
Support of Ambulance Service	20,200 00
Law Expenses—Marshal's Fees	1,500 00
Sanitary Police	36,500 00
Hospital for Contagious Diseases	15,000 00
	280,801 74
Borough of Queens—	
Salaries	\$15,400 00
Contingent Expenses	1,000 00
Disinfection	2,600 00
Removal of Night-soil, Offal and Dead Animals	15,000 00

Borough of Queens—	
Hospital Fund.....	\$2,000 00
Salaries of Medical School Inspectors.....	3,000 00
Support of Ambulance Service.....	2,400 00
Sanitary Police.....	8,500 00
	\$59,900 00
Borough of Richmond—	
Salaries.....	\$26,900 00
Contingent Expenses.....	1,000 00
Disinfection.....	2,400 00
Hospital Fund.....	2,000 00
Salaries of Medical School Inspectors.....	3,000 00
Sanitary Police.....	8,500 00
Removal of Night-soil, Offal and Dead Animals.....	5,000 00
	48,800 00
Total appropriation.....	\$1,110,538 49

The Commissioners desire to acknowledge the material assistance rendered to this Board in its sanitary work by all the departments of the City Government, and to call your attention to the faithful and efficient services of the officers, clerks and employees of this Department in the performance of their important duties; to their untiring and devoted work is largely due the successful administration of the affairs of the Department, and the valuable results accomplished.

Respectfully submitted,

M. C. MURPHY, President,
WILLIAM T. JENKINS, M. D., Commissioner,
JOHN B. COSBY, M. D., Commissioner,
A. H. DOTY, M. D., Health Officer of the Port,
BERNARD J. YORK, President, Board of Police.

DEPARTMENT OF HEALTH—SANITARY BUREAU,
(CRIMINAL COURT BUILDING) CENTRE, ELM, WHITE AND FRANKLIN STREETS,
NEW YORK, January 3, 1899.

To the Board of Health:

GENTLEMEN—I have the honor to submit my report of the work performed in the Sanitary Bureau of the Department of Health of The City of New York for the year 1898, as follows:

At a meeting of the Board of Health of the Department of Health, held January 4, 1898, I had the honor to be appointed Sanitary Superintendent of the Department of Health of The City of New York and placed in charge of the Sanitary Bureau.

The following named Assistant Sanitary Superintendents were appointed in charge of the five boroughs of The City of New York:

Frederick H. Dillingham, M. D., in charge of the Borough of Manhattan.
Robert A. Black, M. D., in charge of the Borough of Brooklyn.
Eugene Monaghan, M. D., in charge of the Borough of The Bronx.
Obed L. Lusk, M. D., in charge of the Borough of Queens.
George C. Hubbard, M. D., in charge of the Borough of Richmond.

On August 3, 1898, the Board was deprived of the services of the Assistant Sanitary Superintendent of the Borough of Richmond by death, and on August 10, 1898, John L. Feeny, M. D., was appointed to fill the vacancy.

In the Borough of Manhattan it was found that the requirements of the service necessitated the establishment of the following divisions, which were placed in charge of Division Chiefs:

First Division—Division of Sanitary Inspection, in charge of Alfred Lucas, whose services were dispensed with March 24, 1898. On March 24, 1898, Michael B. Feeney, M. D., was appointed Chief Inspector of the First Division.

Second Division—Division of Contagious Diseases, in charge of Charles S. Benedict, M. D., who was transferred March 24, 1898, to the position of Medical Inspector in the Board. On March 24, 1898, Alonzo Blauvelt, M. D., was transferred from the position of Chief Inspector of the Fifth Division to the position of Chief Inspector of the Second Division.

Third Division—Division of Food Inspection and Offensive Trades, was placed in charge of Edward W. Martin as Chief Inspector.

Fourth Division—Division of Bacteriology, was placed in charge of Hermann M. Biggs, M. D., as Chief Inspector.

Fifth Division—Division of Medical School Inspection, in charge of Alonzo Blauvelt, M. D., who was transferred March 24, 1898, to the Second Division. On March 24, 1898, Edward Aspell, M. D., was appointed Chief Inspector.

In the Borough of Brooklyn, it was found that the requirements of the service necessitated the establishment of the following divisions, which were placed in charge of Division Chiefs:

First Division—Division of Sanitary Inspection, placed in charge of A. T. Metcalfe, as acting Chief Inspector.

Second Division—Division of Contagious Diseases, placed in charge of F. A. Jewett, M. D., as Chief Inspector.

Third Division—Division of Food Inspection and Offensive Trades, placed in charge of Henry V. Walker as Chief Inspector.

Fifth Division—Division of Medical School Inspection, placed in charge of T. A. York, M. D., as acting Chief Inspector.

In the Borough of The Bronx, it was found that the requirements of the service necessitated the establishment of the following divisions, which were placed in charge of Division Chiefs:

First Division—Division of Sanitary Inspection, placed in charge of William H. Dobbs as Chief Inspector.

Second Division—Division of Contagious Diseases, placed in charge of Adolph Kessler, M. D., as Chief Inspector.

SANITARY COMPANY OF POLICE.

Section 312 of chapter 378 of the Laws of 1897, reads as follows:

"The police board, upon requisition of the board of health, shall detail to the service of said department of health for the purpose of enforcement of the provisions of the sanitary code and the acts relating to tenement and lodging-houses not less than fifty or more than one hundred suitable officers and men of experience of at least five years' service in the police force."

In compliance with the above, on the 1st day of January, 1898, 3 roundsmen and 47 patrolmen were detailed for such duty in the Department of Health, and known as the Sanitary Company of Police.

2 roundsmen and 30 patrolmen were detailed for duty in the Borough of Manhattan; 1 roundsman and 10 patrolmen in the Borough of Brooklyn; 3 patrolmen in the Borough of The Bronx; 2 patrolmen in the Borough of Queens and 2 patrolmen in the Borough of Richmond. These men were placed under the charge of the Chief Sanitary Inspectors in the boroughs of Manhattan, Brooklyn and The Bronx, and under the charge of the Assistant Sanitary Superintendents of the boroughs of Queens and Richmond.

GENERAL SANITARY INSPECTION.

In the work of general sanitary inspection, as is required to be conducted throughout The City of New York, the complaints of citizens of alleged nuisances require the first attention of the Department of Health.

During the year 1898, 33,439 complaints were received from citizens and investigated. Of these complaints about 55 per cent. require action on the part of the Board of Health, and are forwarded to the Board with the recommendation that an order be issued to abate the nuisance.

SANITARY INSPECTION AFTER CASES OF CONTAGIOUS DISEASES.

Whenever a case of contagious disease is found to exist among the occupants of any house, after the recovery or death of the person, the house is carefully inspected and if any sanitary defects are found, an order of the Board of Health is issued requiring the house to be put in proper sanitary condition.

HOUSE-TO-HOUSE INSPECTION.

A systematic house-to-house inspection of all tenement-houses has been made by the Sanitary Inspectors and Sanitary Company of Police to ascertain where violations of the sanitary laws exist, and where said violations are found an order is issued by the Board of Health to correct the same, that the house may be placed in a good and proper sanitary condition.

LODGING-HOUSES.

The lodging-houses in The City of New York require constant and systematic supervision. In order that this may be thoroughly carried out, Inspectors are especially detailed for this city. In addition to the day inspections made, in some cases two or three times a week, an additional inspection is made at night by the Sanitary Police to ascertain in regard to overcrowding of the same.

Some of the principal requirements of the Board of Health in regard to lodging-houses are that there shall be at least 400 cubic feet of air space for each occupant; one water-closet for every 15 persons; mattresses and pillows covered with material impervious to water; that an isolation room shall be established for the reception of any person suspected of contagious disease, and that the house and plumbing shall be in good sanitary condition.

Section 1 of chapter 758 of the Laws of New York requires that "every proprietor, lessee or

keeper of a licensed lodging-house in cities of the first class, shall between September first and November fifteenth of each year, keep a daily register of lodgers within such lodging-houses."

Sec. 2. "It shall be the duty of the board of health of each such city to cause to be prepared books for the registration of such lodgers and blanks for the returns hereinafter mentioned. * *

Sec. 3. "Every proprietor, lessee or keeper of such lodging-house shall, during the same period, between September 1 and November 15, make sworn fortnightly returns to the board of health of such city, according to the general regulations and upon blank forms to be prescribed by said board, containing the names of the lodgers therein during the twenty-four hours preceding the making of such return, and the facts as to each required to be stated in said register."

This provision of the law as to distribution of the necessary books and blanks, and their collection and return, has been duly complied with by the officers of the Sanitary Company of Police.

TANKS.

A systematic inspection of the tanks provided for the storage of the water supply in the tenement-houses of the city has been made by the Sanitary Company of Police at frequent intervals of the year, and when necessary orders have been issued by the Board of Health for cleaning the same.

SCHOOL SINKS.

The building laws of The City of New York forbid the construction of school sinks. This, in my opinion, is a wise sanitary provision, and it has been the endeavor of the Department of Health, as rapidly as possible, without inflicting hardship on the owners of the tenement-houses of the city, to have all the school sinks which have heretofore been constructed removed and water-closets placed in lieu of same.

CHICKEN SLAUGHTERING IN TENEMENT-HOUSES.

The keeping of live chickens in tenement-houses, to be killed from time to time for food, is a source of grave nuisance and is a violation of the Sanitary Code. There is a constant endeavor to evade this provision of the law on the part of the Hebrew and Chinese on account of their religious beliefs. Believing that recognition should be given to these religious convictions, the Board of Health has granted thirteen permits in the Borough of Manhattan, and five in the Borough of Brooklyn for the establishment of chicken slaughter-houses. Great care has been exercised by the Board of Health in granting the same, in order that they may be located in isolated portions of the city away from tenements and dwellings. To properly enforce this law inspections by day and night have been made by the Sanitary Company of Police, and a large number of arrests have been made and convictions secured.

OVERCROWDING IN TENEMENT-HOUSES.

Experience has proven that in many cases there is not sufficient air space for the occupants of tenement-houses in the more densely occupied portions of the city. To correct this menace to health inspection is made at night, once or oftener in each week, by the Sanitary Police, and where 400 cubic feet of air space for each adult and 200 cubic feet of air space for each child is not provided an order of the Board of Health is made to reduce the number of occupants in said rooms.

The law is not enforced, however, where it would necessitate that one or more members of a family would be driven from their home, but the experience of the officers of the Board has proven that it is usually due to others than members of a family being allowed to lodge in their rooms.

During the year 1898, 38,541 night inspections have been made.

MERCANTILE INSPECTIONS.

In compliance with section 11 of chapter 384 of the Laws of 1896, and chapter 415 of the Laws of 1897, a systematic inspection of the mercantile establishments of the city has been made to ascertain the hours of labor of minors, employment of children under sixteen years of age without proper certificates from the Board of Health, the registry of children employed, in regard to sanitary condition of wash rooms, water-closets, lunch rooms; that seats are provided for women, employment of women and children in basements, and that copies of the law are posted.

In addition to the above, whenever complaints from citizens have been received in regard to violations of the mercantile law, careful inspections of the premises complained of have been made, and where violations of the law are found to exist, an order of the Board of Health has been issued.

A physician has been detailed at the office of the various boroughs to examine all children between the ages of 14 and 16 applying for a permit for permission to be employed in mercantile establishments and factories. This work requires great care and tact on the part of the examining physician.

Total number of inspections in mercantile establishments..... 49,342

The following table shows the number of applications received during the year 1898 for certificates for employment in mercantile establishments and factories, and the number granted and refused:

Certificates for Employment in Mercantile Establishments.

Applications for certificates received.....	10,138
Certificates granted.....	9,514
Certificates refused.....	624

Certificates for Employment in Factories.

Application for certificates received.....	6,745
Certificates granted.....	5,839
Certificates refused.....	906

CHEMICAL INVESTIGATIONS.

It was decided by the Board of Health that the chemical investigations conducted by the Department of Health could be more effectually and economically carried on in one laboratory for the entire city, except for the analysis of milk, which is conducted in the borough where the samples are taken.

To this end a laboratory for chemical investigations was established in the Criminal Court Building, Borough of Manhattan.

This laboratory is well equipped with fixtures and apparatus for carrying on all kinds of chemical investigations and general analytical work. It is supplied with electricity for light and power, steam for pressure, and proper ventilating hood, fan operated by electric motor, tables and fittings.

The work of the laboratory is as follows:

First—Routine work, more especially the examination of water and milk.

Second—Special examination of foods, drugs, etc.

A complete sanitary analysis is made weekly of all the water supplies in the different boroughs. In addition to this, a large number of samples of well water are constantly under examination for purity, especially in connection with the work of the veterinarians in their examinations of cows in the different boroughs. Water from cellars, excavations, etc., are examined in connection with the work of the Sanitary Inspectors for the purpose of determining the character and origin of the case.

The special work consists in examining foods, drugs, etc., to discover if there is any adulteration, or if they are injurious to health. The Department of Health has been frequently called upon by other departments of The City of New York during the past year to make analysis of so-called "knock-out" drops, narcotics, etc.

MILK INSPECTION.

The supervision and control of the sale of milk in The City of New York requires the closest attention on the part of the Board of Health. For this purpose the city is divided into districts, each of which is placed in charge of a Milk Inspector.

It is the duty of the Milk Inspector to inspect from time to time the milk which is offered for sale in stores, or which is vended from wagons.

The wholesale portion of the supply is inspected on the platform of the railroad depots, or in front of ferry houses which terminate the railroad. No person or firm is allowed to sell or deliver milk in New York City without a permit from the Board of Health.

The daily milk supply of the city is obtained principally from New York State, New Jersey, Connecticut, Pennsylvania and Massachusetts, the amount produced being in the order named:

From railroads.....	880,000 quarts.
From farmers in the city.....	232,000 "
From farmers adjoining the city.....	100,000 "
Total.....	1,212,000 "
Cream.....	20,000 "
Condensed milk.....	10,000 pounds.

The number of cows producing our daily milk supply has been estimated as follows:

Cows in the city.....	23,000
Cows outside of the city.....	163,333

Milk, cream and condensed milk are usually sent in cans holding forty quarts, and in pint or quart bottles, packed in boxes, and as the cans used in transportation are especially adapted for the purpose, being provided with ice-boxes and heating apparatus to prevent souring in summer or freezing in winter, and the highest rate of speed maintained, our milk supply is delivered generally in good condition, even from the more remote points. The facilities provided by the railroads to the shippers, namely: Ice-boxes at shipping points and agents to care for the milk while awaiting transportation, also tend to keep the milk in good condition, so that, despite the great distance from which the milk is obtained, as has been stated, the milk is still fresh and in good condition when delivered to the consumer.

INSPECTION OF MILCH COWS.

All milch cows in The City of New York have been examined as far as the means at the disposal of the Department of Health would permit.

Each cow is submitted to the "tuberculin test," and if after thorough examination is found to be free from tuberculosis, a permit is granted to the owner to keep the cows.

All cows that are found to be affected with tuberculosis are condemned and slaughtered.

MEAT INSPECTION.

Animals to be slaughtered in The City of New York, the flesh of which is to be offered for sale for human consumption, are inspected on the hoof when received at the cattle yards. At the time of slaughtering, an Inspector of the Board of Health is always present. Meat slaughtered outside the city and brought here for sale is inspected at the express offices and commission houses, and constant supervision is maintained over the meat offered for sale at the various markets and shops throughout the city.

During the year 1898, 2,962½ carcasses of bob veal were seized, being about 191,880 pounds.

The seizure of meats of all kinds, namely: Beef, veal, sheep, hogs, game and poultry, amounted to 860,963 pounds.

FISH INSPECTION.

Fish in the wholesale markets throughout the city, where the largest amount of food of this character is received and offered for sale, is under constant supervision of the Fish Inspectors, and it is in these markets where the largest amount of fish is seized which is unfit for human consumption. Great vigilance is also exercised in the examination of fish exposed for sale in the shops, and in wagons vending the same in the city.

In the latter part of the year 1898, section 47 of the Sanitary Code was so amended as to cause the discontinuance of the sale of fish in wagons.

The total amount of fish seized during the year 1898 was 1,232,894 pounds.

FRUIT AND FOOD INSPECTION.

The fruit and food supply of New York City is obtained from all parts of the United States, and from nearly all the tropical and semi-tropical parts of the world.

Inspectors are detailed to inspect all fruit, vegetables, and foods sold in commission and auction houses, wholesale markets and stores, also to inspect retail stores, stands, vendors' wagons, push carts, etc.

During the year all bakeries and ice cream manufactories are examined as to their sanitary condition.

The amount of fruit and food seized during the year 1898 was 7,746,959 pounds.

OFFENSIVE TRADE INSPECTIONS.

This calls for the inspection of gas-houses, slaughter-houses, manufactories, shops, etc.

OFFENSIVE TRADES.

Excessive noise and vibrations produced by machinery are included in this work, and the gas-houses are constantly under the supervision of the Inspectors, and much inconvenience is avoided by the prompt action taken by them.

Slaughter-houses are inspected daily by the Inspectors of the Department of Health, and a satisfactory condition is always maintained.

SMOKE NUISANCE.

The discharge of smoke from the use of soft coal, and from the burning of shavings and wood by workers of wood, and the burning debris of other manufactories as well, call for care and attention on the part of the Department of Health.

The city has been divided into districts, and each district placed in charge of an inspector. He patrols his district daily, and reports any violation, and recommends that an order be issued by the Board of Health to abate the nuisance. As a result of these inspections the discharge of smoke from the chimneys throughout the city has been very largely reduced, and, in my opinion, there is no danger of an increase of this kind of nuisance in the future.

BARREN ISLAND.

At the time the Department of Health of The City of New York was established, the factories on Barren Island were as follows:

E. Frank Coe Manufacturing Company, at whose works phosphate rock is mixed with dry blood, fish, potash, sodium nitrate, etc., for the manufacturing of fertilizer.

The Barren Island Fertilizer and Oil Company, at whose works the fish caught in the adjacent waters were digested and fertilizer manufactured from the same.

E. J. McKeever Company, who have the contract for the removal of dead animals and offal from the Borough of Brooklyn, which are manufactured into hides, fertilizer, oil, etc.

P. White's Sons, who have the contract for the removal of dead animals, offal, etc., from the boroughs of Manhattan and The Bronx, which are manufactured into hides, fertilizer, oil, etc.

New York Sanitary Utilization Company, who have the contract to receive all the garbage from the boroughs of Manhattan, Brooklyn and The Bronx, which is manufactured into fertilizer and oil.

The works of E. Frank Coe & Company are in operation only from September to May in each year, the character of their work not permitting the same to be run during the summer months, and very little, if any, nuisance is created thereby.

The factory of the Barren Island Fertilizer and Oil Company, at the time the Department of Health was established, was in a very filthy and offensive condition; large quantities of putrid material being allowed to remain on the drying boards and throughout the various buildings of their plant. The buildings themselves were in a most horrible and filthy condition, and in the month of March an order was issued by the Board of Health to have the offensive material removed and the buildings disinfected, cleaned and whitewashed. This order was fully complied with by removing the offensive material and demolishing the buildings. The material of which the buildings were constructed was destroyed by fire. An application was afterwards made by the American Fisheries Company, who had purchased the property, for a permit to construct buildings to be used for the purpose of manufacturing oil and fertilizer from fish. A hearing was given to those making the application by the Board of Health on April 27, 1898, and the application was denied.

The works of E. J. McKeever, at the time the Department of Health was established, were not found to be in good sanitary condition, but orders have been made by the Board of Health which have been fully complied with, and the works are now in good sanitary condition, and no cause for complaint exists.

The works of P. White's Sons, at the time the Department of Health was established, were found to be in very good sanitary condition. A few suggestions have been made by the Inspectors for improvement, which have been promptly complied with without an order from the Board of Health.

The works of the Sanitary Utilization Company, at the time the Department of Health was established, were not completed, and furthermore a duplicate plant was in the course of construction, as it was found that the works were not of sufficient capacity to treat all the garbage which was received. Numerous complaints were received by the Board of Health stating that offensive odors were emitted from the works of this company, and during the month of July an exhaustive report was made in regard to the same by a special committee of the Board of Health, and the recommendations made by that committee have been carried out, with the exception of constructing an inclosure under which the barges from which the garbage is received was to be placed, and the construction of a boat for the transportation of the garbage which should be closed in a tight manner, and the outlet sealed with a water seal containing deodorizers. With the exception of improvements in regard to boats, the works are now reported by the Inspectors to be in good sanitary condition, and no cause of complaint exists.

NEWTOWN CREEK.

Prior to the establishment of the Board of Health of The City of New York, as it is at present constituted, Newtown creek and the various offensive trade factories adjacent thereto, causing to a great extent the nuisance which exists, known as the Newtown creek nuisances, was under the control of two governing bodies—the Department of Health of the City of Brooklyn having control of those factories, etc., on the southwesterly or Brooklyn side, and the State Board of Health having control of the factories and water adjacent thereto on the northwesterly side, which was in the County of Queens.

The Sixteenth Annual Report of the State Board of Health contains a report of one of the Inspectors at that time attached to the Department of Health of the City of Brooklyn, who, in a

report to the New York State Board of Health under date of December 30, 1895, states that the offensive trade factories adjacent to Newtown creek numbered twenty-eight, as follows:

Preston Fertilizer Company,
Kings County Oil Works,
Queens County Oil Works,
American Reduction Company's Garbage Disposal Plant,
J. Rosenberg,
Nichols Chemical Works,
Reed Fertilizer Company,
W. Hoefner,
Peter Cooper Glue Factory,
Atlantic Carbon Works,
Moller & Company,
Van Iderstein Brothers,
Acme Fertilizer Company,
Wissel's Dead Animal Wharf,

Night Soil Boat,
De Muth Glass Works,
Columbia Distilling Company,
Suttle Brothers,
Eastern Distilling Company,
Haberman Manufacturing Company,
United States and Canada Degreasing Syndicate,
Robinson Brothers,
E. V. Crandall Company,
Funk Brothers,
Kalbfleisch Chemical Works,
Equity Gas Works,
William Knappman,
Greenpoint Chemical Works.

He reports also that the manure barges and discharge of sewage from the sewers of the City of Brooklyn add to the nuisances existing.

I am unable to find any later reports in regard to Newtown creek, either in the report of the State Board of Health or the report of the Department of Health of the City of Brooklyn.

At the time of the organization of the present Board of Health of the City of New York, on January 1, 1898, Newtown creek and the nuisances pertaining to the same came under the control of the Board of Health of the City of New York.

As Sanitary Superintendent of the Department of Health, I personally inspected Newtown Creek and the adjacent premises once or twice a month during the year 1898, and found the facts to be as follows:

Newtown creek is an arm of the East River which forms part of the boundary line between the Boroughs of Brooklyn and Queens. It extends for about one mile and a half from the East river in a southwesterly direction. It is a tortuous stream and for a portion of its extent is bulkheaded on either side. The flow of water through the same is at all times sluggish. For years the effluent and debris from the many factories situated adjacent to it, and the sewage from the streets of the Boroughs of Brooklyn and Queens have flowed into the stream; and this, with the natural deposit which takes place, and which is not carried out by the tidal flow, is deposited in the bed of the creek and on the meadows adjacent thereto.

This condition renders Newtown creek a nuisance of itself. The most prolific source of the increase of this nuisance is the discharge into the same of the sewage from the Provost, Jewell and Huron street sewers and the Grand street and Metropolitan avenue sewers.

PUBLIC SEWERS.

On May 6, 1898, I forwarded to the Board of Health a report as follows:

I have the honor to report that, on April 4, 1898, I inspected in the Borough of Brooklyn (formerly Greenpoint) a section of land, irregular in shape, situated between Greenpoint avenue, Newall street, Norman and Kingsland avenues. This is low tide water land, the surface of which is covered by offensive mud. A portion of the same has been filled in with ashes, refuse, etc., and said filling in has been improperly done, leaving pools of stagnant water, all of which is, in spring high tides, flooded with water in Newtown creek, an inlet of East river, the water of which is never fully changed and is of itself offensive in character.

The land, under these conditions, emits foul and offensive odors, which endanger the lives of the occupants of adjoining premises. This nuisance is further augmented by the fact that three of the street sewers of the Borough of Brooklyn discharge their contents over this low land.

The Humboldt street sewer, 36 inches in diameter, discharges on the northerly side of Norman avenue into a channel left between the refuse dumped. Thirty yards to the north, the sewer from Norman avenue discharges into the same channel, at an angle of 60 degrees. About 1,000 feet to the northwest the 30-inch egg-shaped Meserole avenue sewer discharges its contents over the surface of the land.

This discharge of refuse, animal and vegetable matter, mixed with night soil and sewage, is distributed over this land, the liquid portion of the same emptying partially into Newtown creek.

During the summer season the odor that is emitted from the same is almost indescribable, and can be observed for a long distance from the land.

The action of sulphureted hydrogen, which is generated from these deposits, causes the houses painted with white lead to become black, due to the formation of sulphide of lead.

The total discharge from these sewers drains an area of a square mile of the Borough of Brooklyn.

The conditions herein described are prejudicial to the lives and health of the occupants of adjacent premises.

The proper manner to abate that portion of the nuisance caused by the discharge of sewers on this land is the construction of street sewers from the sewer openings to the tide water.

It was contemplated by the authorities in Brooklyn to abate this nuisance, in compliance with chapter 998 of the Laws of 1896, State of New York, entitled "to provide for the abatement and prevention of nuisances in and about Newtown creek." This act was passed by the Legislature in order that proper sewers might be constructed to drain this and adjacent portions of the Borough of Brooklyn, to the East river; and, in accordance with the same, plans and specifications were prepared to construct a large trunk sewer in Huron street, emptying into the East river, with small sewers connecting with the same on Provost and Jewell streets.

Subsequently the authorities in Brooklyn set in motion proceedings, in compliance with the foregoing law, for the opening of Provost street. Commissioners were duly appointed by the Supreme Court for such purpose, and thereafter the Board of Aldermen rescinded the permission heretofore granted. Proceedings were then held in abeyance and no further action taken.

A communication, on or about April 11, 1898, was forwarded to the Hon. Almet F. Jenks, Assistant Corporation Counsel, in charge of the Borough of Brooklyn, as follows:

"DEAR SIR—A serious nuisance exists in your borough by reason of certain sewers discharging over the low lands in the neighborhood of Newtown creek. The Board here proposes to take immediate action looking to the abatement of the nuisance. It is reported that this can be done only by the construction of additional sewers discharging into the East river, as, by a recent act, they cannot discharge into Newtown creek.

"I am informed that during the administration of your predecessor proceedings were taken in the Supreme Court to have a certain street declared opened and that Commissioners were appointed, but just how far the proceedings were conducted, I have been unable to ascertain.

"It seems the difficulty is with Provost street, between Paidge and Greenpoint avenues, and just as soon as this part of the street is opened the work can be consummated.

"Will you be good enough to let me know how the proceedings stand and the facts in relation thereto, or what remains to be done on the part of the city before the right exists to construct these sewers, as the Board wish to see that the sewers are constructed without further delay?

"(Signed) HENRY STEINERT, Assistant Corporation Counsel."

On May 5, 1898, the following reply was received from Mr. Jenks:

"DEAR SIR—Your communication of the 11th ult., in relation to the opening of Provost street, in this borough, was duly received.

"I have investigated the matter, and find that proceedings were instituted to open Provost street, and that the resolutions, in relation to this matter were rescinded by the Common Council of the City of Brooklyn, on the 19th day of July, 1897. Under the decision in Palmer vs. City of Brooklyn, 146, N. Y. 379, I am of the opinion that proceedings were discontinued. It seems to me that it will be necessary to begin proceedings to open Provost street under the new Charter.

"(Signed) ALMET F. JENKS, Assistant Corporation Counsel."

It is apparent, from the foregoing opinion of the Assistant Corporation Counsel for the Borough of Brooklyn, that no relief to existing nuisances can be had under said proceedings.

In view of the serious nature of the nuisance existing at the aforesaid premises, and the danger to the lives of the occupants of adjacent premises, I respectfully recommend that the Department of Public Improvements of The City of New York be requested by the Board of Health to take such action and measures as they shall deem proper to abate said nuisance.

(Signed) CHAS. F. ROBERTS, M. D., Sanitary Superintendent.

On November 5, 1898, I forwarded a report from the Assistant Sanitary Superintendent of the Borough of Brooklyn, as follows:

"I have the honor to report as follows in regard to the nuisance caused by the discharge of sewage from the Grand street and Metropolitan avenue sewers of the Borough of Brooklyn into the canal emptying into Newtown creek:

"The area drained by these sewers is bounded by Metropolitan, Maspeth and Bushwick avenues; Olive, Ten Eyck, Waterbury, Maujer and Grand streets.

"The Grand Street sewer is a 30-inch brick sewer, the Metropolitan is an 18-inch pipe sewer. A short distance from the canal these two sewers unite and discharge into the creek at the Grand Street bridge.

"The population of the area drained is about five thousand persons (based upon the last registry of voters). Calculated from the usual quantity and quality of sewage of American cities, one-half ton of solid material would be discharged into this canal daily from this area.

"This material is discharged into this canal, which is a stagnating arm of Newtown creek, about 150 feet wide, at a point about 3,200 feet from its junction with the creek proper. A portion of this canal is bulkheaded, but for the most of its distance it flows through marshy ground, which

is flooded during high tide. The suspended solids in the sewage, a black, putrefying material, forms and deposits on the surface of these marshes, and during the summer months emits foul and offensive odors which are carried by the winds into the densely populated portions of this borough.

"The waters of the canal are black and putrefying, sulphureted hydrogen escaping in large amounts therefrom; its presence is manifested at a distance of more than a mile from the creek by characteristic discoloration of lead paints. Incoming tides carry the sewage up the canal above the Grand Street bridge, where it also deposits and putrefies.

"In the year 1893 plans were prepared and approved for a system of sewers to drain a portion of the Eighteenth Ward, north of Grand street and along Newtown creek. A sewer was to have been constructed along Morgan avenue, intercepting the Grand street and Metropolitan avenue sewers, and discharging into a large trunk sewer, 12 feet in diameter, on Johnson avenue.

"This plan, if carried out, would have relieved the creek of this drainage.

"In the proceedings for the opening of Morgan avenue difficulties were encountered which led to the abandonment of the plan.

"The opening of Morgan avenue and the construction of a sewer connecting the Metropolitan avenue and Grand street sewers with the 12-foot trunk sewer on Johnson avenue is, in my opinion, the proper means of abating the nuisance caused by the discharge of sewage from the Grand street and Metropolitan avenue sewers into the canal emptying into Newtown creek.

"(Signed) R. A. BLACK, M. D., Assistant Sanitary Superintendent."

In regard to the same, I reported as follows:

"Respectfully forwarded to the Board. The above report shows that, if the short-connecting sewer in Morgan avenue were constructed, it would prevent the discharge of from 180 to 200 tons per year of solid sewage matter into Newtown creek canal.

"The discharge of this amount of sewage into that portion of the canal, as shown on the attached map, is one of the greatest sources of defilement of Newtown creek, and, owing to the offensive emanations from the same, causes sickness among the occupants of the houses in this vicinity; and I respectfully recommend that a copy of this report be forwarded to the Commissioner of Sewers, with the request that means be taken at once to have Morgan avenue opened and the sewer connecting the Grand street and Metropolitan avenue sewer with the Johnson avenue sewer constructed.

"(Signed) CHAS. F. ROBERTS, M. D., Sanitary Superintendent."

Up to the present time no action has been taken by the Department of Sewers, as, owing to legal delays, portions of the streets mentioned in above report have not been opened and the sewers have not been constructed.

OFFENSIVE TRADE FACTORIES.

Constant and persistent efforts have been made during the entire year to have the offensive trade factories situated upon the border of the creek placed in such a condition that, although the commercial interests of The City of New York shall not be interfered with, the nuisances which have existed there shall be abated.

The creek and adjacent property being in two boroughs of The City of New York, I have personally superintended the inspections, and the complaints and reports and recommendations to the Board for orders have been made directly under my supervision.

Complaints in detail were made in regard to all offensive trade factories found to exist, special attention being given to those in the list published in the report of the State Board of Health.

The following is a copy of one of the complaints forwarded, which will serve as a type of all:

"Said premises consist of a * * * of which * * * are owners, and, in violation of sections 99 and 100 of the Sanitary Code, were found in a condition dangerous to life and detrimental to health, for the following reasons:

"That the bones stored at said premises emit offensive odors; that, during the process of filling retorts with bones, very offensive odors are emitted.

"That the open wells, used for receiving the products of condensation from retorts, permit the escape into the open air of offensive odors.

"That the saturating tub and connections leak, allowing the escape of offensive odors, resembling burning bone.

"That the concentration vat for the recovery of sulphate of ammonia gives off vapors charged with offensive odors of an extremely penetrating character.

"That the hood for confining the vapors arising from the concentration vat is faulty in construction, leaking at every joint. This permits the escape of offensive vapors and odors from the vat.

"That the condenser for destroying the vapors and odors from the concentration vat and hood is faulty in construction, permitting the escape of offensive odors into the open air.

"That large quantities of bone black dust are discharged into the open air during the process of crushing.

"That during the process of acidifying bone black dust and tankage, sulphurous acid fumes of a very offensive character are emitted.

"That the receiving shed and conveyer for butchers' refuse is filthy and in an offensive condition. The discharge of refuse water and steam in the digester at frequent intervals during the cooking through the blower into a small, inadequate water condenser, permits the escape into the open air of foul and offensive odors.

"The discharge of the waste liquor from the grease vats and digestors into Newtown creek is a serious nuisance.

"Recommend, That the nuisance caused by the manufacture of * * * by the * * * be abated; or the manufacture of * * * at said premises be discontinued."

A large number of complaints of this character were made, and orders of the Board of Health issued to abate the nuisance complained of. In some cases the orders have been complied with in full, and a permit to continue the manufacturing business engaged in has been granted by the Board. In others the work of making improvements called for is still in progress.

In other cases nothing has been done, and I purpose in the near future to recommend to the Board, in cases where the full requirements of the Board of Health have not been complied with, that an order be issued declaring the said premises a public nuisance, and that said offensive trade factories be closed.

As a result of this active work on the part of the Department of Health during the past year, the number of offensive trade factories in the locality adjacent to Newtown creek have been very much reduced, and their condition and the character of the work performed in each is as follows:

No Nuisances—Have Permit.

Queens County Oil Works—Manufacturing paraffine, oils, etc., from crude petroleum.
Preston Fertilizer Works—Manufacturing fertilizer.
Van Iderstein Bros.—Manufacturing tallow, scrap, etc.
Eastern Distilling Company—Manufacturing spirits and yeast.
United States and Canada Degreasing Works—Extracting grease from hides before tanning.
J. Rosenberg—Manufacturing tallow, scrap, etc.
Sone & Fleming—Manufacturing coal oil from crude petroleum.

New Works to be Built—Plans to be Approved by the Board of Health.

Acme Fertilizer Company—Manufacturing bone black, ammonium sulphate and fertilizer.
Nichols Chemical Works—Manufacturing acids, chemicals, etc.

Order on Premises—At Work, New Appliances being Added.

Reed Fertilizer Works—Manufacturing fertilizer.
Long Island Agricultural Company—Manufacturing fertilizer.
Peter Cooper Glue Works—Manufacturing glue.

Order on Premises—In Suit.

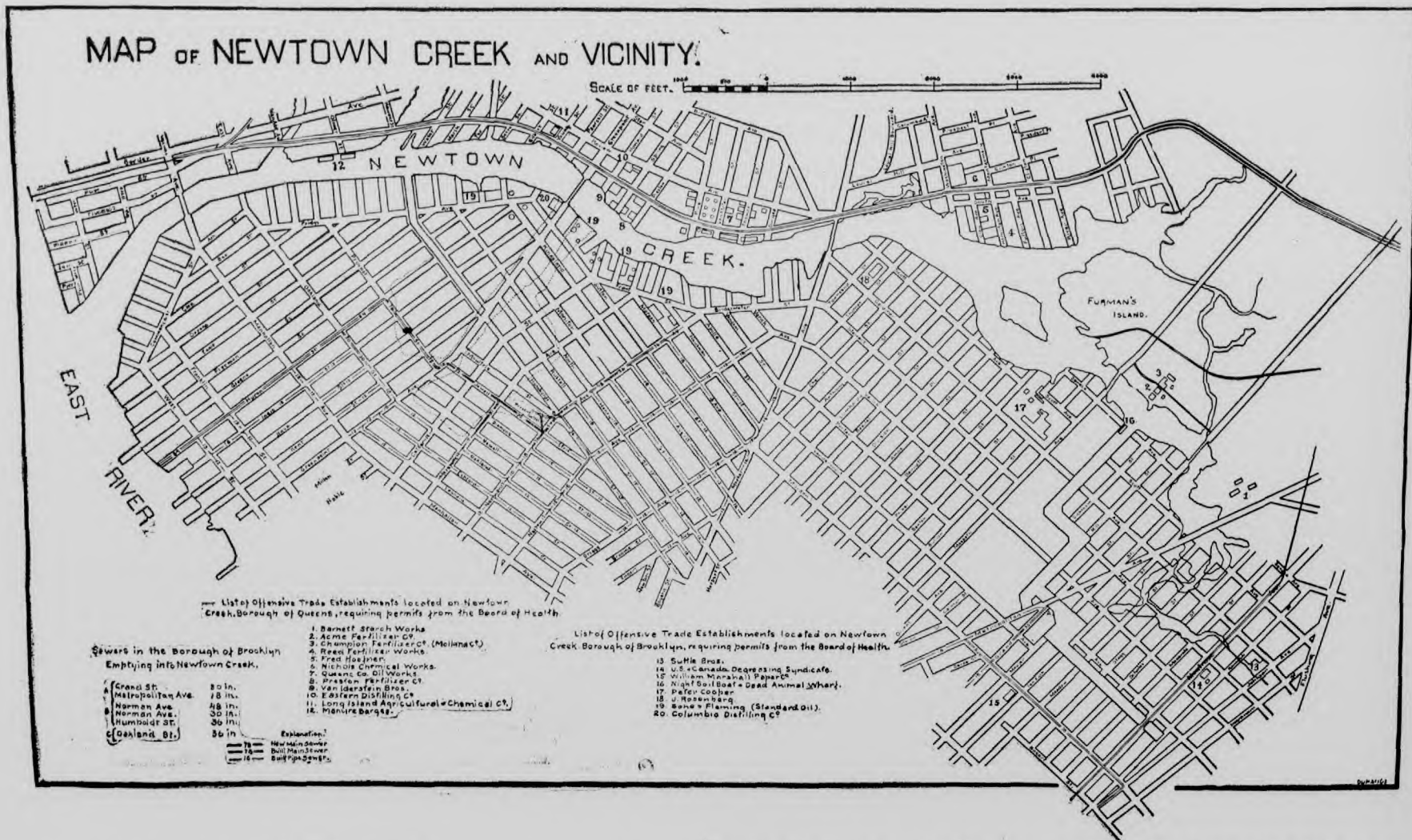
Moller & Co.—Manufacturing bone black, ammonium sulphate and fertilizer.
Suttle Bros.—Tannery.
William Marshall Paper Company—Manufacturing paper.

Temporarily Closed—No Nuisance at Present.

Columbia Distilling Company—Manufacturing alcohol from molasses.

NIGHT-SOIL BOAT AND DEAD ANIMAL WHARF.

At times of inspection throughout the year the night-soil boat and dead animal wharf have been found in good sanitary condition, and no cause found for action on the part of the Board of Health.



SHORE INSPECTION.

About eighty miles of the shore front of the boroughs of Brooklyn, Queens and Richmond require constant supervision and action by the Board of Health.

The shore front is divided into districts, and each district placed in charge of a Shore Inspector.

The greater part of this frontage is lined with hotels and summer cottages. The flooding tides bear along refuse matter, dead animals and bedding, which are deposited on the beaches or meadows and are left by the receding tides, so that the daily removal of this refuse matter is rendered absolutely necessary.

The duties of the Shore Inspectors include the daily patrol of the beaches and shore line within their respective districts, causing the removal of dead animals or any offensive matter they

may find, and report to their Chief Inspector any violations of the Sanitary Code which may come under their observation.

During the year 1898, debris has been removed as follows:

Dead animals.....	14,652
Fish.....	12,319
Pieces of decaying vegetable matter.....	2,034
Pieces of meat and offal.....	18,628
Pieces of clothing, beds and rags.....	2,121

ORDERS OF THE BOARD OF HEALTH.

After an order has been issued by the Board of Health it is reinspected by an Inspector of the Board in from one to five days to ascertain if the requirements of the order have been complied with.

During the year 1898, 1,744,100 inspections and reinspections have been made. If the order has not been complied with, it is sent to the Corporation Counsel for action. In most of the cases a suit is commenced against the owner for non-compliance with the order of the Board. If, however, the condition is such as to severely impair the health of the occupants, further action is taken in conformity with section 1315 of chapter 378 of the Laws of 1897, and upon the recommendation of the Sanitary Superintendent, an order for the vacation of the premises

is ordered by the Board. During the year 1898, the number of houses ordered vacated by the Board, under this section, was 245. This action is only taken by the Board after the most rigid and careful inspection of the premises by the Sanitary Superintendent.

The following tabulated statement and summary shows the date, location, character of premises, cause of action, and the result of this work on the part of the Board of Health:

No.	DATE.	LOCATION.	BOROUGH.	CAUSE.	RESULT.
1	Jan. 4	422 East Tenth street.....	Manhattan.....	Defective plumbing and want of repair.....	Complied January 19.
2	" 18	603 West One Hundred and Fourteenth street.....	".....	Defective drainage.....	Vacated February 14; complied March 9.
3	" 18	805 St. Nicholas avenue.....	".....	Defective plumbing and want of repair.....	" " 14; " April 28.
4	" 18	807 St. Nicholas avenue.....	".....	" ".....	" " 14; " " 28.
5	" 25	115 Chrystie street.....	".....	" ".....	Complied February 23.
6	Feb. 23	615 Greenwich street.....	".....	" ".....	" March 8.
7	" 23	332 East Thirty-seventh street.....	".....	" ".....	" " 5.
8	Mar. 24	100 West One Hundred and Eighteenth street.....	".....	".....	" April 5.
9	" 24	153 Lenox avenue.....	".....	".....	" " 5.
10	April 4	222 Elizabeth street.....	".....	Existence of a nuisance.....	" " 28.
11	" 4	412 East One Hundred and Twenty-first street.....	".....	Defective drainage.....	Vacated May 6.
12	" 4	309 East Forty-first street.....	".....	Defective plumbing and want of repair.....	" June 2.
13	" 4	1416 Avenue A.....	".....	" ".....	Complied May 25.
14	" 4	215 Avenue C.....	".....	".....	" April 26.
15	" 4	333 East One Hundred and Sixth street.....	".....	".....	" May 12.
16	" 4	111 Hester street.....	".....	".....	" " 5.
17	" 7	South side One Hundred and Twelfth street, between Boule- vard and Riverside Drive.....	".....	Defective drainage.....	Vacated April 15; complied June 14.
18	" 21	4 Bradhurst avenue.....	".....	Defective plumbing.....	Complied June 3.
19	May 18	726 Boulevard.....	Queens.....	Defective drainage.....	" May 28.
20	" 18	728 Boulevard.....	".....	".....	Vacated May 25; complied June 10.
21	" 18	113 Bowery.....	Manhattan.....	Defective plumbing.....	Complied August 11.
22	" 18	113½ Bowery.....	".....	".....	" " 11.
23	" 18	One Hundred and Eighty-seventh street and Arthur avenue.....	Bronx.....	Defective drainage.....	" May 27.
24	May 25	233 East Ninth street.....	Manhattan.....	Defective drainage.....	Vacated June 10; complied June 21.
25	" 25	1070 Second avenue.....	".....	Defective plumbing and want of repair.....	Complied August 31.
26	" 25	367 West Thirtieth street.....	".....	".....	Vacated June 15; complied June 25.
27	" 25	613 Kingsbridge road.....	Bronx.....	Defective drainage.....	Complied June 9.
28	" 25	615 Kingsbridge road.....	".....	".....	" " 9.
29	" 25	617 Kingsbridge road.....	".....	".....	" " 9.
30	" 27	233 East One Hundred and Twenty-first street.....	Manhattan.....	Defective plumbing.....	" " 14.
31	" 27	141 East Fifty-second street.....	".....	".....	" July 23.
32	" 27	145 East Fifty-second street.....	".....	".....	" " 23.
33	" 27	240 East One Hundred and Twenty-third street.....	".....	".....	" June 14.
34	" 27	343 East Thirty-fourth street.....	".....	".....	" " 15.
35	" 27	73 West Ninetieth street.....	".....	".....	" " 7.
36	" 27	1061 Second avenue.....	".....	".....	" " 6.
37	" 27	954 Second avenue.....	".....	Existence of a nuisance.....	" " 6.
38	" 27	50 New street and 52 Broad street.....	".....	Defective plumbing.....	" " 14.
39	" 27	East side Washington avenue, first house north of One Hundred and Eighty-eighth street.....	Bronx.....	Defective drainage.....	" " 26.
40	June 3	50 West Twenty-fifth street.....	Manhattan.....	Defective plumbing and want of repair.....	Vacated June 13; complied August 24.
41	" 3	11 Seventh avenue.....	".....	Defective drainage.....	Complied June 14.
42	" 3	53 West Forty-second street.....	".....	Defective plumbing.....	" " 14.
43	" 3	55 West Forty-second street.....	".....	".....	" " 14.
44	" 3	57 West Forty-second street.....	".....	".....	" " 14.
45	" 3	59 West Forty-second street.....	".....	".....	" " 14.
46	" 3	187 and 189 Clinton street.....	".....	" and want of repair.....	" " 21.
47	" 3	Southwest corner One Hundred and Seventy-fourth street and Third avenue.....	Bronx.....	Defective drainage.....	" " 13.
48	" 8	Southwest corner Fifty-eighth street and Seventh avenue.....	Manhattan.....	".....	" October 6.
49	" 8	144 Fifth avenue.....	".....	Defective plumbing and want of repair.....	" June 18.
50	" 8	302 East Fortieth street.....	".....	Defective drainage.....	Vacated June 16; complied July 25.
51	" 8	304 East Fortieth street.....	".....	".....	" " 16; " " 25.
52	" 8	229 East One Hundred and Third street.....	".....	Defective plumbing and want of repair.....	Complied July 20.
53	" 8	814 East One Hundred and Forty-sixth street.....	Bronx.....	Defective drainage.....	" September 12.
54	" 8	254 West One Hundred and Twenty-sixth street.....	Manhattan.....	".....	Vacated June 18; complied November 3.
55	" 11	722 Fifth street.....	".....	Defective plumbing.....	Complied June 18.
56	" 11	73 Avenue D.....	".....	".....	" July 12.
57	" 15	436 East Seventy-fifth street, rear.....	".....	Defective drainage.....	" September 19.
58	" 15	438 East Seventy-fifth street, rear.....	".....	".....	" " 19.
59	" 15	440 East Seventy-fifth street.....	".....	".....	Vacated June 22; complied September 19.
60	" 15	442 East Seventy-fifth street.....	".....	".....	" " 22; " " 19.
61	" 22	136 West One Hundred and Thirty-seventh street, rear.....	".....	".....	Complied July 19.
62	" 22	East side Valentine avenue, third house south of One Hundred and Eighty-fourth street, rear.....	Bronx.....	".....	" August 25.
63	" 22	155 West Twenty-seventh street.....	Manhattan.....	" and want of repair.....	" July 5.
64	" 22	105 Macdougall street.....	".....	".....	" " 20.
65	" 22	328 East Thirty-fourth street.....	".....	" and want of repair.....	Vacated June 30; complied August 10.
66	" 22	330 East Thirty-fourth street.....	".....	".....	" " 30; " " 10.
67	" 22	211 West Twenty-eighth street.....	".....	Defective plumbing and want of repair.....	Complied July 5.
68	" 22	1029 Stebbins avenue.....	Bronx.....	Defective drainage and want of repair.....	" September 29.
69	" 29	220 Madison street.....	Manhattan.....	Defective plumbing.....	" July 7.
70	" 29	173 Delancey street, rear.....	".....	Existence of a nuisance.....	Vacated July 7; complied July 26.
71	" 29	Northeast corner Jennings and Longfellow streets.....	Bronx.....	Defective drainage.....	Complied September 29.
72	" 29	239 East One Hundred and Eighth street.....	Manhattan.....	Want of repair.....	" July 14.
73	" 29	304 East One Hundred and Seventh street.....	".....	Defective plumbing and want of repair.....	" " 6.
74	" 29	533 West Forty-second street, front.....	".....	" ".....	" September 8.
75	" 29	533 West Forty-second street, rear.....	".....	" ".....	" " 8.
76	" 29	46 Lighthouse street.....	".....	".....	" July 18.

No.	DATE.	LOCATION.	BOROUGH.	CAUSE.	RESULT.
77	June 29	856 Ninth avenue.....	Manhattan.....	Defective plumbing and want of repair.....	Complied August 27.
78	" 29	354 East Eighty-fifth street.....	".....	".....	" July 30.
79	" 29	284 West One Hundred and Twenty-seventh street.....	".....	" and want of repair.....	" September 3.
80	" 29	Southwest corner of West End avenue and Seventy-eighth street.....	".....	".....	" July 18.
81	" 29	38 West One Hundred and Thirty-first street.....	".....	Defective drainage.....	Vacated July 19; complied July 28.
82	" 29	40 West One Hundred and Thirty-first street.....	".....	".....	" 19; " 28.
83	" 29	5 Goerck street.....	".....	".....	" 7; " 26.
84	July 6	904 First avenue.....	".....	Defective plumbing and want of repair.....	Complied July 30.
85	" 6	158 West Fifty-fifth street.....	".....	Defective drainage and defective plumbing.....	" August 23.
86	" 6	231 Tenth avenue.....	".....	Defective plumbing.....	" July 20.
87	" 6	77 First avenue.....	".....	" and want of repair.....	" 20.
88	" 6	East side of Valentine avenue, third house south of One Hundred and Eighty-fourth street, front.....	Bronx.....	Defective drainage.....	" August 25.
89	" 13	817 East One Hundred and Forty-sixth street.....	".....	".....	" September 1.
90	" 13	777 Jerome street.....	Brooklyn.....	".....	Vacated July 20.
91	" 13	North side of One Hundred and Forty-eighth street, first house east of New York Central and Hudson Railroad.....	Manhattan.....	" and want of repair.....	" September 3; complied October 25.
92	" 20	86 Chrystie street.....	".....	Defective plumbing and want of repair.....	Complied July 25.
93	" 20	103 West Third street.....	".....	".....	" September 13.
94	" 20	North side of One Hundred and Sixty-ninth street, sixth house west of Sheridan avenue.....	Bronx.....	Defective drainage.....	Work in progress.
95	" 20	North side of One Hundred and Sixty-ninth street, seventh house west of Sheridan avenue.....	".....	".....	"
96	" 20	North side of One Hundred and Seventy-sixth street, first house east of Anthony avenue.....	".....	".....	Complied September 3.
97	" 20	553 First avenue.....	Manhattan.....	Defective plumbing and want of repair.....	Vacated July 28; complied October 19.
98	" 20	406 West Thirteenth street.....	".....	".....	Complied July 27.
99	" 20	16 Ludlow street.....	".....	Want of repair.....	" August 20.
100	" 20	326 East Thirty-fourth street.....	".....	Defective plumbing.....	Vacated July 28; complied August 10.
101	" 20	445 West Fortieth street.....	".....	Want of repair.....	Complied August 31.
102	Aug. 3	Southwest corner Nelson avenue and Orchard street, front.....	Bronx.....	Defective plumbing.....	" December 9.
103	" 3	Southwest corner Nelson avenue and Orchard street, rear.....	".....	".....	" 9.
104	" 3	117 Navy street.....	Brooklyn.....	" and want of repair.....	Vacated August 9.
105	" 3	East side La Fontaine avenue, second house south of Quarry road.....	Bronx.....	Defective drainage.....	Complied September 14.
106	" 3	East side La Fontaine avenue, third house south of Quarry road.....	".....	".....	" 14.
107	" 3	413 West Fifty-second street.....	Manhattan.....	".....	" August 22.
108	" 3	58 West One Hundred and Fifth street.....	".....	Existence of a nuisance.....	" 10.
109	" 3	318 East One Hundred and Ninth street.....	".....	Defective plumbing and want of repair.....	Vacated August 31.
110	" 3	222 East Twentieth street.....	".....	".....	Complied September 10.
111	" 3	598 Eleventh avenue.....	".....	Defective drainage and want of repair.....	" August 24.
112	" 10	71 Jackson street.....	".....	Defective plumbing and want of repair.....	" September 13.
113	" 10	322 Ninth avenue.....	".....	".....	" 1.
114	" 10	317 East Ninth street, front.....	".....	".....	" 8.
115	" 10	319 East Ninth street, rear.....	".....	".....	" 8.
116	" 10	542 East Fourteenth street.....	".....	".....	" August 26.
117	" 10	509 East Thirteenth street, front.....	".....	".....	" September 12.
118	" 10	509 East Thirteenth street, rear.....	".....	".....	" 12.
119	" 18	98 Hester street.....	".....	".....	Vacated August 31; complied November 2.
120	" 18	1351 Franklin avenue.....	Bronx.....	Defective drainage.....	Work in progress.
121	" 18	One Hundred and Sixty-first street and Brook avenue.....	".....	".....	Complied September 21.
122	" 18	875 East One Hundred and Thirty-seventh street.....	".....	".....	" 21.
123	" 18	725 Elton avenue.....	".....	Defective plumbing.....	" August 30.
124	" 18	691 East One Hundred and Fifty-fifth street.....	".....	".....	" 30.
125	" 18	133 Goerck street.....	Manhattan.....	" and want of repair.....	Vacated September 20; complied November 3.
126	" 18	162 Lewis street.....	".....	Defective drainage.....	Complied September 15.
127	" 18	165 West Fourth street.....	".....	Defective plumbing and want of repair.....	" 1.
128	" 18	123 Avenue D.....	".....	".....	" August 24.
129	" 18	Northeast corner One Hundred and Thirty-third street and St. Nicholas avenue.....	".....	Defective drainage.....	" September 3.
130	" 18	1092 Third avenue.....	".....	Defective plumbing and want of repair.....	" 22.
131	" 18	1873 Third avenue.....	".....	".....	" 1.
132	" 18	1871 Third avenue.....	".....	".....	" 1.
133	" 24	West side of Bergen avenue, about 100 feet north of One Hundred and Forty-ninth street.....	Bronx.....	Defective drainage.....	" October 5.
134	" 24	620 St. Ann's avenue.....	".....	".....	Vacated August 31.
135	" 24	111 Perry street.....	Manhattan.....	".....	" 30; complied December 8.
136	" 24	175 Monroe street, rear.....	".....	Existence of a nuisance.....	Complied September 8.
137	" 31	620 German place.....	Bronx.....	Defective plumbing.....	Vacated August 31.
138	" 31	243 Stanton place.....	Manhattan.....	Defective drainage.....	Complied September 27.
139	" 31	565 Park avenue.....	".....	Defective plumbing and want of repair.....	" 23.
140	" 31	368 Sixth avenue.....	".....	".....	" October 10.
141	Sept. 7	54 Allen street.....	".....	".....	" September 21.
142	" 7	422 East Tenth street.....	".....	".....	" October 8.
143	" 7	4 St. Mark's place.....	".....	".....	" September 22.
144	" 7	113 Mercer street.....	".....	".....	" October 1.
145	" 7	115 Mercer street.....	".....	".....	" 1.
146	" 7	Southwest corner Pelham and Fulton avenues.....	Bronx.....	Defective drainage.....	" September 22.
147	" 7	235 West Sixty-first street.....	Manhattan.....	Defective plumbing and want of repair.....	Vacated September 14; complied September 15.
148	" 7	3021 Fulton street.....	Brooklyn.....	Defective drainage.....	Complied September 27.
149	" 7	50 Morrell street.....	".....	" and want of repair.....	Vacated September 10.
150	" 7	9 Sixth avenue.....	Richmond.....	Defective plumbing and want of repair.....	" 17.
151	" 7	72 Thompson street.....	Manhattan.....	".....	Complied October 18.
152	" 7	74 Thompson street.....	".....	".....	" 18.
153	" 7	70 Thompson street.....	".....	".....	" 18.
154	" 14	8 Allen street.....	".....	".....	" September 16.
155	" 14	170 Ludlow street.....	".....	".....	" October 8.
156	" 14	217 Eldridge street.....	".....	".....	" September 29.
157	" 14	1905 Second avenue.....	".....	" and want of repair.....	" October 8.

No.	DATE.	LOCATION.	BOROUGH.	CAUSE.	RESULT.
158	Sept. 14	Setheast corner Railroad avenue and West Fifth street.	Brooklyn	Defective drainage.	Complied October 31.
159	" 14	221 West Sixty-ninth street	Manhattan	Defective plumbing and want of repair.	" " 3.
160	" 14	Old City Hall, Jackson avenue.	Queens	" "	Vacated September 21.
161	" 14	625 East One Hundred and Forty-sixth street.	Bronx	Defective drainage.	Complied October 6.
162	" 14	Northeast corner One Hundred and Twenty-fifth street and St. Nicholas avenue.	Manhattan	"	" September 21.
163	" 14	Review avenue, Young and Gilbert streets.	Queens	Existence of a nuisance.	Work in progress.
164	" 21	753 Third avenue.	Manhattan	Defective plumbing and want of repair.	Complied November 19.
165	" 21	509 East Eleventh street.	"	"	" October 11.
166	" 21	South side Park place, 215 feet east of West Fifth street, and extending 20 feet east.	Brooklyn	Defective drainage.	" " 31.
167	" 21	South side Park place, 195 feet east of West Fifth street, and extending 20 feet east.	"	"	" November 21.
168	" 21	South side Park place, 175 feet east of West Fifth street, and extending 20 feet east.	"	"	" " 14.
169	" 21	South side Park place, 150 feet east of West Fifth street, and extending 20 feet east.	"	"	" " 15.
170	" 21	South side of One Hundred and Forty-seventh street, 150 feet west of Amsterdam avenue.	Manhattan	"	Vacated October 5; complied November 23.
171	" 21	East side Elton avenue, between One Hundred and Sixtieth and One Hundred and Sixty-first streets.	Bronx	"	Complied October 7.
172	" 21	424 West Thirty-seventh street.	Manhattan	Defective drainage and want of repair.	" September 29.
173	" 21	185 Rivington street, rear.	"	Existence of a nuisance.	Vacated October 1; complied October 15.
174	" 21	211 East Forty-third street.	"	Defective plumbing and want of repair.	Complied October 1.
175	Oct. 6	12 West One Hundred and Twenty-eighth street.	"	"	" " 18.
176	" 6	821 Second avenue.	"	"	" " 11.
177	" 6	258 Delancey street.	"	" and want of repair.	" November 1.
178	" 6	43 and 45 Watkins street, front.	Brooklyn	"	" December 13.
179	" 6	43 and 45 Watkins street, rear.	"	"	" " 13.
180	" 6	493 East Houston street.	Manhattan	"	" November 21.
181	" 6	43 Allen street.	"	Defective drainage.	" " 9.
182	" 6	223 West Sixty-first street.	"	Defective plumbing and want of repair.	" " 29.
183	" 6	385 Mt. Hope place.	Bronx	Defective drainage.	" " 14.
184	" 6	51 Sheriff street.	Manhattan	Defective plumbing and want of repair.	Vacated October 14; complied December 17.
185	" 6	55 Lewis street, front.	"	"	Complied November 1.
186	" 6	55 Lewis street, rear.	"	"	" " 1.
187	" 6	2392 Tiebout avenue, front.	Bronx	Defective drainage.	Work in progress.
188	" 6	2392 Tiebout avenue, rear.	"	"	"
189	" 6	335 East Thirty-fourth street.	Manhattan	Defective drainage and want of repair.	Complied November 17.
190	" 6	337 East Thirty-fourth street.	"	Defective plumbing and want of repair.	" " 29.
191	" 6	65 Avenue D.	"	"	" October 13.
192	" 6	504 West Fifty-fifth street.	"	"	" November 29.
193	" 6	506 West Fifty-fifth street.	"	"	" " 29.
194	" 6	147 Attorney street.	"	"	" October 22.
195	" 6	149 Attorney street.	"	"	" " 22.
196	" 10	516 West One Hundred and Twenty-third street.	"	"	" November 3.
197	" 10	518 West One Hundred and Twenty-third street.	"	"	" " 3.
198	" 10	42 Columbia street.	"	"	" December 8.
199	" 12	123 Attorney street.	"	"	" " 10.
200	" 12	125 Attorney street.	"	"	" " 10.
201	" 12	127 Attorney street.	"	"	" " 10.
202	" 12	245 West Sixtieth street.	"	"	" October 24.
203	" 19	24 Norfolk street.	"	Want of repair.	" December 6.
204	" 19	113 Norfolk street.	"	Defective plumbing and want of repair.	" November 4.
205	" 19	413 East Twelfth street.	"	" and defective drainage.	" " 5.
206	" 26	257½ Rivington street.	"	" and want of repair.	" " 18.
207	" 26	149 East Forty-first street.	"	"	" " 26.
208	Nov. 2	533 West Forty-fifth street.	"	"	Work in progress.
209	" 2	349 East Thirty-second street.	"	"	Complied November 26.
210	" 2	414 East Sixtieth street.	"	Defective drainage.	Vacated November 11; complied December 8.
211	" 2	416 East Sixtieth street.	"	"	" "
212	" 2	418 East Sixtieth street.	"	"	" "
213	" 2	47 West Twenty-sixth street.	"	Existence of a nuisance.	Work in progress.
214	" 2	49 West Twenty-sixth street.	"	"	"
215	" 2	51 West Twenty-sixth street.	"	"	"
216	" 9	116 Madison street.	"	Defective plumbing.	Complied November 24.
217	" 9	591 First avenue.	"	" and want of repair.	" " 19.
218	" 9	283 Bleecker street.	"	"	Work in progress.
219	" 9	Jerome avenue, first stable north of junction of Jerome and Cromwell avenues.	Bronx	Defective drainage.	"
220	" 9	329 East Forty-seventh street.	Manhattan	Defective plumbing and want of repair.	Complied December 24.
221	" 9	646 Railroad avenue.	Bronx	"	" " 15.
222	" 16	41 Main street, Long Island City.	Queens	Defective drainage.	Vacated December 2.
223	" 16	43 Main street, Long Island City.	"	"	" " 2.
224	" 16	45 Main street, Long Island City.	"	"	" " 2.
225	" 16	47 Main street, Long Island City.	"	"	" " 2.
226	" 16	49 Main street, Long Island City.	"	"	" " 2.
227	" 16	21 Albany street.	Manhattan	Want of repair.	Complied November 22.
228	" 23	448 West Thirty-eighth street (stable).	"	Existence of a nuisance.	Work in progress.
229	" 23	222 Delancey street (stable).	"	"	Complied December 8.
230	" 23	152 West One Hundred and Twenty-fourth street.	"	Defective plumbing.	" " 8.
231	" 23	West side Courtlandt avenue, 60 feet north of One Hundred and Sixty-first street.	Bronx	"	" " 16.
232	" 30	13 Spring street.	Manhattan	"	" " 13.
233	" 30	558 Tenth avenue.	"	"	" " 31.
234	Dec. 7	629 East Ninth street.	"	"	Vacated December 23.
235	" 7	148 East Forty-ninth street.	"	Existence of a nuisance.	Complied December 16.
236	" 7	645 West Forty-second street.	"	Defective plumbing.	" " 31.
237	" 14	94 Vesta avenue.	Brooklyn	" and want of repair.	Vacated December 18.
238	" 14	16 Beach street.	Manhattan	"	Work in progress.

No.	DATE.	LOCATION.	BOROUGH.	CAUSE.	RESULT.
239	Dec. 14	West side Eighth avenue, between Ninety-eighth and Ninety-ninth streets	Manhattan	Defective drainage	Complied December 27.
240	" 21	331 East Thirty-first street	"	Defective plumbing and want of repair	Work in progress.
241	" 21	315 East One Hundred and Ninth street	"	"	"
242	" 28	105 East Fifteenth street	"	"	"
243	" 28	107 East Fifteenth street	"	"	"
244	" 25	402 East One Hundred and Fourteenth street	"	"	"
245	" 28	Northwest corner West Broadway and Beach street	"	Defective drainage	"

SUMMARY.

Number of houses ordered vacated after five days' notice	245
Orders complied with before vacation	176
Work in progress	20
Houses vacated after notice	49
	245
Of those vacated orders since complied with	32
Of those vacated nothing done	17
	49

CONTAGIOUS DISEASES.

Section 145 of the Sanitary Code requires that "every physician shall report to the Sanitary Bureau, in writing, every person having a contagious disease (and the state of his or her disease, and his or her place of dwelling and name, if known) which such physician has prescribed for, or attended for the first time since having such a contagious disease, during any part of the preceding twenty-four hours."

To facilitate these reports, the following postal card is presented to the physicians free of charge:

REPORT OF CONTAGIOUS DISEASE.

Physicians will greatly facilitate the work of this department by filling in one of these cards by the bedside of the patient and dropping it at once in the nearest P. O. Box.

New York, 189
Name of patient Age
Residence Floor
Disease Duration of sickness
How contracted No. of families in house
Location of school attended by children in family
In case of diphtheria do you wish a bacterial culture made? Answer Yes or No. M. D.
Residence

NOTE—Whenever the immediate attention of this Department is required, please telegraph from the nearest Police Station-house, by day or night, or telephone directly to this office, which is always open. Contagious diseases to be reported include cholera, yellow fever, smallpox, chickenpox, diphtheria, membranous croup, typhus, typhoid, spotted, relapsing and scarlet fevers and measles. Secondary cases in the same family must be reported.

In the various boroughs of The City of New York, medical inspectors, who by long service in the Department of Health, have become expert in the diagnosis of contagious diseases, are detailed as "Diagnosticians," four being detailed in the borough of Manhattan; two in the Borough of Brooklyn; one each in the boroughs of The Bronx, Queens and Richmond.

They are at all times subject to call by telephone, and to them are referred all cases of contagious diseases reported by physicians, where the diagnosis is doubtful; also all cases recommended for removal to one of the contagious disease hospitals under the charge of the Department of Health.

If a person is reported as suffering from smallpox, cholera, yellow or relapsing fevers, he is immediately visited by a Diagnostician, and if the diagnosis is confirmed, he is at once removed to the hospital, and proper action taken by the officers and the Department of Health to prevent the spread of the disease.

It is the invariable rule of the Department of Health that no cases are removed to the contagious disease hospital without being examined by a Diagnostician, and the diagnosis confirmed. They also examine all persons (except those recovered from diphtheria) before their discharge from the hospitals of the Department, and report in writing that they are fully recovered. During the past year, 4,105 cases have been visited by the Diagnostician.

The boroughs of The City of New York are divided into contagious disease districts, and a medical inspector placed in charge of each district. It is his duty to promptly visit every case of contagious disease reported to the Department of Health in his district; to give proper instructions in regard to isolation of the case; to notify every tenant in the house of the existence of the disease; to distribute circulars relative to contagious diseases; sign and mail the necessary postal card, as follows:

HEALTH DEPARTMENT—DIVISION OF CONTAGIOUS DISEASES,
(CRIMINAL COURT BUILDING),
CENTRE, ELM, WHITE AND FRANKLIN STREETS,
New York, 189.

The following-named children, pupils of your school, are exposed to the contagion of
.....

Sec. 150.—That no parent, master or custodian of any child or minor (having power and authority to prevent) shall permit any such child or minor to be unnecessarily exposed, or to needlessly expose any other person to the taking, or to the infection of any contagious disease.

Respectfully,

A. BLAUVELT, M. D., Chief Inspector.

Reported by:

Inspector.

—excluding from the school the children of the family in which the disease exists; and further, in a case of smallpox, cholera, typhus, yellow or relapsing fevers, all children from the house must be excluded from school; also, in case of diphtheria to take the necessary cultures from the throat of the patient, when requested to do so by the attending physician, and forward the same to the Diagnosis Laboratory of the Department for verification of the diagnosis.

Where, in the judgment of the Inspector, it is advisable, a placard as follows:

DEPARTMENT OF HEALTH.

(Name of disease.)

All persons not occupants of this apartment are advised of the presence of (name of disease) in it, and are warned not to enter.

The person having (name of disease) must not leave the apartment until the removal of this notice by the Department of Health.

MICHAEL C. MURPHY, President.

EMMONS CLARK, Secretary.

—is posted on or near the door of the apartment where the contagious disease exists. This placard is removed after fumigation of the apartment.

The Inspectors are especially instructed that they are in no way to interfere with the duties or prerogatives of the attending physician.

He revisits the premises from time to time and at the termination of each case of contagious disease he orders the necessary disinfection and fumigation of the apartments, and after this has been performed by the Disinfector he revisits the apartments to ascertain whether his instructions have been properly carried out, and where children have been excluded from school, he notifies the school by postal that they may return.

DEPARTMENT OF HEALTH—CITY OF NEW YORK,
BOROUGH OF MANHATTAN—DIVISION OF CONTAGIOUS DISEASES,
(CRIMINAL COURT BUILDING),
NEW YORK, 189.

The apartments at No. have been disinfected, and children residing therein, who have been excluded from school on account of contagious disease, have received formal certificate from Health Department permitting their return to school duties.

Medical Inspector.

Whenever a District Inspector finds that a case cannot be properly isolated, or where the people willfully violate the rules of the Department in regard to isolation, a Diagnostician is sent to investigate, and if he verifies the report of the District Inspector, the case is removed to one of the Department hospitals, by force if necessary.

During the past year 2,092 cases were thus removed to the hospitals of the Department of Health.

When a patient ill with contagious disease occupies a room connected with a store, the store must be closed or the patient removed to the hospital. If in an apartment where goods are manufactured, all work must be discontinued and the goods removed to the disinfecting station of the Department of Health for disinfection.

Upon the termination of the case, or when the patient is removed to the hospital and the apartments fumigated, the goods are returned.

A Diagnostician is always sent to verify the report of the District Inspector. During the past year thirty-nine cases occurred in which stores were closed or business discontinued, as the family did not wish the patient removed to the hospital. In one hundred and eleven cases during the past year proper isolation was enforced by having a Sanitary Police officer visit the case daily.

After the disinfection and fumigation of an apartment, the bedding, carpet, rugs, etc., that have been in the room where the patient was ill with contagious disease are removed to the disinfecting station of the Department of Health, the goods thoroughly disinfected by steam heat or Formaldehyde and then returned to the owners.

One of the Medical Inspectors is detailed to visit the various institutions and also the schools, kindergartens and day nurseries that require a permit from the Board of Health. Each institution is required by a State law to forward to the Board of Health a monthly report, made by its attending physician, and these reports are referred to the Inspector of Schools and Institutions. He indorses them after visiting the institutions and verifying the report. When a case of contagious disease occurs in an institution it is his duty to see that a proper quarantine is maintained.

DISINFECTION.

The City of New York is divided into disinfection districts, and a Disinfector is detailed for duty in each district to attend the work of disinfection and fumigation as the result of the infection of infectious and contagious disease.

They follow the instructions of the Diagnostician and District Inspectors, who leave official slips at the premises, directing the manner and character of disinfection and fumigation work to be performed.

During the past year 50,289 pieces of infected goods were thus removed, 43,323 were disinfected, 6,866 destroyed, 40,997 returned, and 107 are on hand at the present time.

It was necessary in seventeen cases to have a Sanitary Police officer enforce the fumigation of apartments, and in four cases the aid of a Sanitary Police officer was required to enforce the removal of goods to the disinfecting station.

DEPARTMENT MORGUE.

During the past year 2,092 persons have been removed to the hospital on account of contagious disease, and the bodies of 51 persons that have died of contagious disease have been removed to the Department Morgue.

TYPHOID FEVER.

During the past year 2,226 cases of typhoid fever have been reported to the Department. 695 cases were persons in which the disease was contracted in service of the United States, or by contact with persons so affected.

SUMMER CORPS.

Under the provisions of section 230, chapter 378 of the Laws of 1897, the Board of Estimate and Apportionment is required to appropriate each year the sum of \$10,000, to be known as the "Tenement-house Fund," to be placed to the credit of the Department of Health and by it expended in the employment of a special corps of physicians, whose duty it shall be to visit every tenement-house, especially in the poorer and more crowded districts of the city, prescribe for the helpless sick, give needful advice, distribute rules for the care of infants and to cause to be corrected all unsanitary conditions.

In compliance with the provisions of this law, forty-two physicians were appointed to serve during the months of July, August and September. The city is divided into districts and an Inspector detailed for duty in the same. He is to visit each tenement-house in his district, selecting such houses, as far as possible, where the poorest classes reside. Sick children are sought out, and, if without medical attendance, prescribed for and medical and sanitary advice given. He observes all unsanitary conditions bearing upon the general health, causes the removal or abatement of minor nuisances by personal appeals; or, if not successful in his efforts, reports the facts to his Chief Inspector for further action on the part of the Board of Health.

Under no circumstances are they to interfere with a patient under the care of other physicians. During their term of service the Inspectors have visited 22,280 houses, and have made 207,955 visits to families, and have treated 21,651 persons, mostly children.

They distributed 57,000 printed circulars which give instructions for the proper care and feeding of infants, especially during the summer months. These circulars are printed in English, German, Italian and Hebrew.

They distributed 6,271 milk tickets among these patients, each ticket entitling the holder to either a quart of sterilized milk, a quart of milk and barley-water, or a milk-and-lime-water preparation, or half a pound of barley flour and a pint of sterilized milk; the one preparation required in each case was underlined on the ticket by the Inspector. These preparations were provided and supplied gratuitously by Mr. Nathan Straus of this city.

They distributed 4,683 ice tickets, each ticket entitling the holder to twenty pounds of ice a day for seven days at any of the "New York Herald" ice depots. They distributed 17,207 tickets which gave the patient the benefit of a trip down the bay on the floating hospital of the St. John's Guild.

The Tenement-house Chapter of the King's Daughters, at No. 48 Henry street, has materially aided the Inspectors in their work among the sick and needy.

MEDICAL SCHOOL INSPECTION.

One hundred and ninety-two Medical School Inspectors have been appointed by the Board of Health to inspect the public and parochial schools in The City of New York. One or more schools are placed in charge of a Medical School Inspector.

Inspectors are required to report at the schools to which they have been assigned, from 8.50 to 9.30 A. M., every day that school sessions are held.

They are to carefully examine each child that has been isolated by the teachers in charge of the scholars, and cause to be excluded from school each one affected with or showing symptoms of any contagious or infectious disease. They shall furnish each pupil that is to be excluded with a printed card, upon which they shall note the date, name and location of the school, name, age and address of the child, and the reason for its exclusion. These cards, signed by the Medical School Inspectors, are to be taken home by the excluded pupils.

The Inspectors shall ascertain from the principals and teachers of the schools the names and addresses of all children having contagious diseases in their families, where notification has not been sent to the schools by the Board of Health and such lists shall be forwarded with the daily reports.

If, in the opinion of an Inspector, immediate action should be taken by the Board of Health in any case, he should immediately communicate by telephone with the Chief Inspector.

Medical School Inspectors are not, under any circumstances, to visit children at their homes, to prescribe for them, or to suggest treatment at the schools. The treatment must be received from the family physician, in the dispensaries, or in the hospitals.

After the necessary disinfection and fumigation of the rooms in which there has been an infectious or contagious disease, postal cards are mailed by the Division of Contagious Diseases, notifying the proper schools that it is safe to reamit the child or children living in those rooms.

BACTERIOLOGICAL INVESTIGATIONS.

It was decided by the Board of Health that the bacteriological investigations conducted by the Department of Health could be more effectually and economically carried on in the laboratories established for this purpose at one location to pursue these investigations for the entire City.

To this end a laboratory for bacteriological investigations was established at the foot of East Sixteenth street, Borough of Manhattan, known as the Research Laboratory.

A laboratory for bacteriological diagnosis was established in the Criminal Court Building, Borough of Manhattan, known as the Diagnosis Laboratory.

These two laboratories were placed in charge of Hermann M. Biggs, M.D., Chief Inspector of the Fourth Division, and he reports as follows:

The Research Bacteriological Laboratory and Vaccine Station were established at the foot of East Sixteenth street, Borough of Manhattan, which affords facilities for the needs of the Department, and original and practical work in sanitary science, and is better equipped for bacteriological research and the manufacturing of vaccine virus than any similar Municipal or State department in the country or abroad.

Typhoid Fever Diagnosis.

The Widal test for the diagnosis of suspected cases of typhoid fever for the benefit of physicians throughout the city has been adopted as a routine method of diagnosis by the Department. It is used with increasing popularity by physicians, and has proved to be a valuable aid in the diagnosis of doubtful cases of typhoid fever. The number of cases of blood and serum sent in for examination for the typhoid reaction has constantly increased, the average being about twenty daily, while just at the close of the war, when so many sick soldiers were in and around New York, the examinations by the Widal test reached forty a day, or almost as many as the cultures examined for diphtheria.

Examination of Feces and Urine for Bacilli Typhosus.

The routine examination of feces and urine to determine the presence of specific organism of typhoid fever has been carried on during the year. This has been done for the benefit of practitioners who might wish to avail themselves of such an examination in the early stages of the disease, or as a means of differential diagnosis in obscure cases.

Besides the routine work, series of cases from the various hospitals have been examined in order to determine what results should be expected under the most favorable circumstances. The percentages thus determined show a large excess of positive results over the percentages given in the routine work.

Experiments are also being carried on which have a strong hygienic bearing, namely, to determine the percentage of typhoid convalescents, which show the presence of bacilli typhosus in their urine, and also determine the length of time this organism may remain in the urine, and convalescents be thus a menace to the community.

Up to the present time the bacilli have been found in about 10 per cent. of the samples of urine, from convalescent cases of typhoid fever, none have persisted longer than eight weeks.

The routine examination of the blood of suspected typhoid fever cases for the serum reaction has been continued and this work has greatly increased.

The cases examined number 1,582. The Widal reaction was obtained in 569 cases. Of the remainder, a great many were proved by their later course to be some other disease than typhoid fever.

Typhoid Antitoxic Serum.

Experiments have been carried on in the endeavor to produce an antitoxic serum of protective and therapeutic value in infections with the typhoid bacillus. In these experiments horses have received weekly inoculations of broth cultures of the typhoid bacillus in gradually increasing quantities, the bacilli in these cultures being alive and the cultures being only twenty-four hours old. Injections of older broth cultures, both when containing living bacilli and after sterilization at low temperature, have also been tried. Cultures of varying degrees of virulence have been used, both newly isolated and old stock cultures.

Although a fair amount of protective power has been shown by some of the sera obtained from horses subjected to such inoculations, *i. e.*, 1-20 c. c. of serum protecting against twice the fatal dose of a twenty-four-hour broth culture of the organism used for immunizing, still practically no saving power has been developed, as shown by the inability of the serum to protect the animal from the fatal result produced by a previous peritoneal injection.

Two patients suffering from well-marked typhoid fever were inoculated with the serum of highest protective power, the treatment extending over a number of days, and the doses increased up to 20 c. c., but no change in the clinical symptoms was observed.

Methods of Testing Diphtheria Antitoxin.

In testing the diphtheria antitoxin brought into the laboratory considerable trouble and loss of time has been caused by the sudden and unaccountable deterioration in strength of the various test toxins used.

Experiments have been carried out to determine, if possible, the causes for this loss in strength. The effects of heat, different lights, at room temperature, sunlight and the action of air and its constituent gases, oxygen, nitrogen and carbon dioxide, at ice-box temperature, have been tested.

Toxin put immediately after its removal from the culture into small vials and tightly stoppered has been found to retain its strength in cold storage for one year.

The results of investigations carried on in the laboratory have confirmed those of Ehrlich, *i. e.*, that a minimal fatal dose of toxin prepared in different ways varied in the amount of antitoxin which it neutralized. We found a new fact, namely, that these changes followed the general law, that the minimal fatal dose of a fresh culture neutralized less antitoxin than that from an old culture. With a bacillus such as the one used for toxin production in the laboratory, whose characteristics have remained the same for the past four years, we have found it possible to at any time produce a toxin which within small limits is uniform in the amount of antitoxin which the minimal fatal dose neutralizes. We are now able at any time to produce a standard toxin.

Formaldehyde.

Another investigation which has been carried on during the year, and has now passed the experimental stage, is that regarding the use of formaldehyde as a disinfectant, especially in its practical application to the disinfection of infected dwellings, bedding, clothing, books, etc. An exhaustive report on these investigations was made by Dr. William H. Park, Assistant Director of the Research Laboratory, and Dr. Arthur R. Guérard, Assistant Bacteriologist, and on May 11, 1898, the Sanitary Committee recommended the adoption of the formaldehyde method of disinfection. This method is now being employed with especial advantage for the disinfection of private dwellings, furniture, upholstery, fine wearing apparel, furs, leather, books, etc., and all articles which are injured by sulphur fumigation. In the same way the new formaldehyde chamber, which has recently been added to the steam disinfecting plant, is employed for the disinfection of such articles as are now injuriously affected by steam or great heat.

Rabies.

A third important investigation, which has resulted in a new branch of diagnosis and treatment by the Department, is that relating to rabies. As a consequence of the success of the experimental work in the investigation into the diagnosis of rabies in suspected animals, the Pasteur treatment for the prevention of rabies in the human subject was adopted. As proof of the fact that the adoption of the anti-rabic treatment was well timed, already some fifteen persons have been treated who were bitten by animals suspected or proved to be rabid, although the method was introduced only a few months ago; and at the present time there are six persons under treatment. In addition to this, many dogs and other animals have been sent to the Laboratory for the diagnosis of rabies. It is, of course, too soon to form any definite opinion of the results of the anti-rabic treatment by the Department, but this much may be positively stated, from the experiments made on animals, that the treatment administered in the Department laboratories is absolutely unaccompanied by any injurious effects; in some cases treated, in which the animal that caused the wound was proved to be rabid, the occurrence of the disease was apparently prevented.

During the year work has been carried on upon the following subjects:

First—Completion of the investigation upon a method of preventive treatment of hydrophobia with diluted virus.

Second—Experimental investigations on cauterization of wounds infected with rabies, after an interval of twenty-four hours.

Third—The administration of the Pasteur preventive method of treatment in fifteen cases of dog bites.

Fourth—The routine autopsies and the inoculation of rabbits, for carrying on the Pasteur treatment.

Tetanus Antitoxin and a Curative Serum for Pneumonia.

The routine work of the immunization of animals against tetanus and the production of tetanus antitoxin has been continued.

During the past two years extensive experiments have been carried on looking to the production of a serum which will have a curative action in pneumonia in man. The experiments are as yet incomplete, but are sufficiently promising to justify their continuance and to give the hope that some definite results may be obtained.

Investigations as to the Cause of Variola and Vaccinia.

This work has been carried on intermittently for the past three years and consists in the microscopic examination of tissue for the identification of the so-called specific organism of variola and vaccinia, and in the attempt to isolate and study such organism in pure culture. It has for its object the increase of our knowledge in regard to the cause of variola and the other exanthemata, and of our power to control the spread of these diseases. The following is the general plan of study:

First—The microscopic appearance of typical skin lesions of variola and vaccinia in different stages of development, in order to discover the time of appearance and disappearance of the "special bodies" and of their reaction to various stains, as well as their general morphological characteristics.

Second—The constancy of the special bodies.

Third—Their specific nature.

Fourth—Methods of isolation and cultivation.

Besides diphtheria antitoxin several other laboratory products are now prepared by the Department in constantly increasing amounts, to satisfy the growing demand which is being made for them. Such products are tetanus and antitoxin, mallein, streptococcus antitoxin, and tuberculin. There have thus been issued by the Department in 1898, 526 bottles of tetanus antitoxin, 456 bottles of anti-streptococcus serum, and 1,703 bottles, or 5,182 c. c. of tuberculin. This quantity of tuberculin represents the amount required to inject 10,364 cows, which is almost ten times as much as was issued last year.

Streptococcus Investigations.

The routine work consists in maintaining the virulence of the streptococcus cultures to be used for the inoculations of the larger animals; in regulating the inoculations of these animals, and in testing the serum obtained from the animals.

One variety of streptococcus has been used for the cultures. This has maintained its virulence for rabbits by frequent passage through an ascitic broth culture medium. Horses have been used for the inoculations. These animals react well to streptococcus infection and furnish a large quantity of a more or less active serum within six months of the beginning of treatment.

No serum has so far been obtained which shows a greater activity than that reported by other workers.

In the experimental work the following points have been considered:

First—Increase of virulence of streptococcus cultures, in order to find out whether a more virulent organism would produce a more active serum.

Second—Identity of various streptococci, in order to judge of value of serum in various streptococcus infections.

Third—Susceptibility of horses and sheep to streptococcus infection, in order to find out how rapidly an active serum might be produced.

Fourth—Specific action of serum in rabbits.

Fifth—Clinical use of serum.

The results obtained from these studies must necessarily remain incomplete for an indefinite time, owing to the number and extent of the observations to be made.

Production of Vaccine Virus.

The vaccine laboratory has been established in a building erected for that purpose at the foot of East Sixteenth street, Borough of Manhattan, near the water, and as far as possible in the city from the dust of the city streets. The part of the building occupied by the laboratory includes stable, operating, sterilizing, preparing and research rooms. All of these have asphalt floors and walls either of enamel brick, or plaster covered with enamel paint, and are properly heated, lighted and ventilated. The laboratory is now excellently equipped for the proper care of the animals, and is well provided with the apparatus necessary for every stage in the preparation of the virus.

During the year 241 calves have been vaccinated, and from them 1,429.79 grammes of vaccine pulp have been collected and prepared for distribution as follows:

Tubes for one vaccination, 65381	65.381
Vials for ten vaccinations, 4043	40.430
Vials for fifty vaccinations, 1032	51.600

Sufficient to perform..... vaccinations 157.411

The general methods of preparation, preservation and examination of the pulp have not been changed. Continued experience, however, has shown that the durability of the efficiency of the vaccine fluctuates, and in rare instances virus responding at first perfectly to test has failed without known cause in less than a single month. This does not impair, however, the validity of the general statement that the virus usually continues efficient at least three months. In isolated instances virus has continued efficient eighteen to twenty-one months. The excellent care which the calves receive is shown by the average increase of weight per calf during the last five months of 197½ pounds.

Much microscopical work has been done on the "vaccine organism," and in the course of this test vaccinations have been performed on horses and on various so-called immune animals. The general result of this work has been to increase materially the probability that the organism under consideration is the ultimate cause of the disease vaccinia. Bacteriological study of the glycerinated virus has tended to show that the number of varieties of bacteria in the product of this laboratory is small.

THE DIAGNOSIS LABORATORY.

This laboratory is located at the office of the Board of Health, in the Criminal Court Building, Borough of Manhattan, and is devoted to the examination of cultures received from the throats of persons supposed to be suffering with diphtheria, and also the sputum of persons supposed to be suffering with tuberculosis.

Diphtheria.

The culture method, which is in use by the Department of Health of this city as an aid to physicians in the clinical diagnosis of diphtheria, has come to be regarded everywhere as an indispensable adjunct to the work of all municipal Health Departments. In this city to-day it is universally employed and the majority of physicians look upon it as a confirmatory test which they would not be without. Indeed, since the true significance of bacteriological examinations has become better understood by medical practitioners—their limitations and their value—the prejudice which was at one time felt against laboratory diagnosis by clinicians has gradually given place to a desire to utilize every possible aid in the solution of that difficult problem, the diagnosis of this disease.

The following table presents a summary of the work which has been done in the bacteriological diagnosis of diphtheria during the year 1898:

Total cultures examined, daily average	59.95
Cultures made for diagnosis (primary), total examined	11,537
Cultures made after convalescence (later), total examined	9,936
Cultures made from healthy throats (trial), total examined	392

With our present knowledge of the etiology and nature of this disease, and with the means which we have now at our command for its early recognition, isolation, prophylaxis and treatment, it may safely be asserted that diphtheria will go on decreasing in New York City if we but continue to vigorously carry out the methods for its control which have already been instituted by the Department.

The results of the antitoxin treatment of diphtheria, by the Medical Inspectors of the Department and by physicians with free antitoxin have been most satisfactory.

Summary of Cases Treated by the Inspectors of the Department of Health from January 1 to December 31, 1898.

	CASES.	DEATHS.	MORTALITY, PER CENT.
.....	617	68	11.02
Moribund deducted.....	19	..	.....
There remain	598	49	8.19

Summary of Cases Treated by Physicians with Free Antitoxin from January 1 to December 31, 1898.

	CASES.	DEATHS.	MORTALITY, PER CENT.
.....	426	52	12.2
Moribund deducted.....	8	..	....
There remain.....	418	44	10.5

Pulmonary Tuberculosis.

The sanitary surveillance of pulmonary tuberculosis has been carried on vigorously throughout the year. Apartments in tenement-houses, vacated by consumptives through death or removal to a hospital, have been inspected and their renovation enforced, if necessary. Cases of tuberculosis reported have been visited and circulars of information regarding consumption have been distributed among persons suffering from the disease, or personal instruction given. It having been recognized by physicians what it was intended to effect by the addition to the Sanitary Code of the section officially classing tuberculosis as a communicable disease, of which notification must be given, the law has met with but little opposition. The public, and especially the inhabitants of the tenement districts of the city, are also acquiring an increased knowledge of the true nature of the disease, and requests are daily received from citizens for the disinfection of clothing, bedding, etc., in apartments occupied by consumptives, or for the inspection of premises. As a result of the close watch which has been kept over public institutions with regard to the reporting of tuberculosis cases discharged or transferred from such institutions, a larger number of cases are now reported to the Department.

The following table gives a summary of the work done in the sanitary supervision of tuberculosis and the bacteriological examination of sputum during the year 1898:

Specimens of sputum received and examined.....	3,945
Daily average.....	10.8
Cases of tuberculosis reported by physicians.....	2,412
By public institutions.....	7,059
Total.....	9,471

A special appropriation was made by the Board of Estimate and Apportionment to be expended by the Department of Health in providing accommodations in already existing hospitals for the care of consumptives too poor to pay for the services of a physician, and who, through carelessness, ignorance or inability due to the disease, scatter infection broadcast. This appropriation was granted to be expended in the boroughs of Manhattan and The Bronx, and a certain number of cases have been sent by the Department to the Seton Hospital for Consumptives, at Spuyten Duyvil, and to the Colored Home and Hospital, corner of Sixty-fifth street and First avenue, Borough of Manhattan. The number of applicants who have applied for admission to these hospitals has far exceeded the means at the command of the Department to supply the demand, but between two hundred and fifty and three hundred patients have already been cared for in this way with quite gratifying results. The patients either applied personally at the office, or through a friend, or by letter, when they were subjected to a careful physical examination by a special medical inspector attached to the Department, who also visited and inspected the rooms which they occupied. If, on physical examination of the patient and bacteriological examination of the sputum, the case proved to be one of tuberculosis, the name of the individual was put on the list for admission to the consumptive hospital, to enter when a vacancy occurred.

The premises, clothing, bedding, etc., used by the patient were then disinfected, etc., if necessary.

The following is a brief summary of the number of cases admitted to, discharged from (improved and unimproved), died and still in hospital during the year 1898:

	ADMITTED.	DISCHARGED.		DIED.	IN HOSPITAL.
		Improved.	Unimproved.		
Seton Hospital.....	252	63	21	77	91
Colored Home and Hospital.....	27	4	..	15	8
Total.....	279	67	21	92	99

From this table it appears that of 279 consumptive patients admitted to these hospitals, 67, or 24 per cent. have been discharged more or less improved; many of them gained from 5 to 20 or more pounds in weight, as the result of the care and treatment received. Apart from the improvement in their general health, most of these patients were removed to the hospital and isolated at a time when their disease was in its most infective stage. Others again were educated in the hygiene of consumption and taught how to prevent the spread of infection by a proper care of the sputum. The results which have thus been obtained, even from this short and limited experience, would seem to be sufficient to warrant a further extension of the care and treatment of consumptives in special hospitals under the control of the Department. The development of such a system cannot but be followed by inestimable benefits, not only to the consumptive poor, but also to the health of the entire city.

Tubercular Disease in Animals.

There have been received at the laboratory from time to time specimens of supposed tubercular tissue from cattle. These tissues have been examined microscopically and guinea pigs have been inoculated with them. The bacilli recovered from the guinea pigs have been compared with those occurring in animals infected with human tuberculosis, to determine whether these organisms retain their morphological characteristics without regard to their habitat, and to study the relations existing between bovine and human tubercle bacilli. There has also been made an attempt to immunize animals with a tuberculin prepared from the bodies of crushed tubercle bacilli; the results so far obtained have been negative in character.

HOSPITALS.

The hospitals for the treatment of contagious diseases in The City of New York, under the charge of the Department of Health, are as follows:

The Reception Hospital at the foot of East Sixteenth street, Borough of Manhattan.
The Willard Parker Hospital, at the foot of East Sixteenth street, Borough of Manhattan.
The Riverside Hospital on North Brother Island, Borough of the Bronx.
The Kingston Avenue Hospital, Kingston avenue and Tulip street, Borough of Brooklyn.
All cases of diphtheria and scarlet fever (uncomplicated) occurring in the boroughs of Manhattan, The Bronx and Richmond, requiring hospital treatment, are removed to Willard Parker Hospital.

All other cases of contagious disease in these boroughs, and all cases of small-pox and typhus fever occurring in any borough of The City of New York, requiring hospital treatment, are removed to Riverside Hospital.

All cases of contagious disease, with the exception of small-pox and typhus fever, requiring hospital treatment, in the boroughs of Brooklyn and Queens, are removed to the Kingston Avenue Hospital.

All these hospitals have been especially constructed for the care and treatment of those suffering from contagious diseases, and it is with great satisfaction that I have the honor to report that the year 1898 has been marked with a very low mortality.

The following is a summary, in detail, of the work performed by the employees of the Sanitary Bureau of the Department of Health of The City of New York during the year 1898:

The number of inspections and reinspections made was 1,744,100 classified as follows:	
By the Sanitary Inspectors.....	138,045
By the Sanitary Police.....	336,820
By the Divisions of Food Inspection and Offensive Trades.....	1,076,888
By the Divisions of Contagious Diseases.....	102,921
By the Division of Bacteriology.....	18,486
By the Divisions of Medical School Inspection.....	70,940
Total.....	1,744,100

The number of complaints returned was 49,195, classified as follows:

By the Sanitary Inspectors.....	31,587
By the Sanitary Police.....	15,686
By the Divisions of Food Inspection and Offensive Trades.....	841
By the Division of Bacteriology.....	1,081
Total.....	49,195

The number of complaints received from citizens was 33,439, all of which were referred to the Sanitary Inspectors and the Sanitary Police for investigation and report.

The Sanitary Superintendent during the same period, under instructions and authority of the Board, granted 4,279 permits to discharge cargoes, under proper vouchers of the Health Officer of the Port; and 10,079 miscellaneous permits, under the Sanitary Code.

Amount of fines collected at Court, \$5,803.

The following is a summary of the work performed by the Sanitary Inspectors:

Number of inspections and reinspections.....	138,045
Number of complaints made.....	31,587

The following premises and locations have been inspected and reported upon by the Sanitary Inspectors, a summary of which is as follows:

Tenement houses.....	35,533
Lodging houses.....	4,037
Private dwellings.....	7,142
Other dwellings.....	3,448
Public buildings.....	161
Other buildings.....	1,869
Manufactories and workshops.....	1,481
Stores and warehouses.....	702
Stables.....	2,510
Offensive trade buildings.....	113
Sunken and vacant lots.....	3,191
Public highways.....	813
Receiving-basins and public sewers.....	231
Dumps and dumping grounds.....	136
Docks and piers.....	1,568
Slaughter houses.....	20
Railroad cars.....	72
Yards.....	2
Miscellaneous.....	9,531
Total.....	73,160
Reinspections.....	64,885
Total.....	138,045

Number of cellars ordered to be made water-tight.....	661
" privy vaults ordered to be abolished.....	206
" children examined.....	27,518
" employment certificates granted.....	15,353
" " refused.....	1,530

The following is a summary of reports made by the Sanitary Inspectors, with the result of inspections:

NATURE OF COMPLAINT.	Cause.	No Cause.	Total.	NATURE OF COMPLAINT.	Cause.	No Cause.	Total.
Plumbing.....	15,692	4,720	20,412	Cesspools.....	922	102	1,024
Draining.....	13,810	4,011	17,821	Chimneys.....	378	81	459
Ventilation.....	1,656	868	2,524	Water.....	496	161	657
Light.....	701	262	963	Cows, etc.....	213	117	330
Overcrowding.....	16	24	40	Fowls.....	449	247	696
Dangerous structures.....	115	29	144	Filth.....	16,929	5,003	21,932
Stables.....	1,715	564	2,279	Sunken and vacant lots.....	1,748	498	2,246
Manure vaults.....	376	28	402	Streets, gutters and sidewalks.....	369	48	417
Public highways.....	517	83	600	Sewers and receiving-basins.....	179	38	217
Repairs.....	14,579	4,311	18,890	Ash receptacles.....	532	67	599
Cellars and basements.....	12,120	3,820	15,940	Miscellaneous.....	671	544	1,215
Privies and water-closets.....	14,295	4,078	18,373	Totals.....	98,418	29,704	128,122

Number of inspections and reinspections..... 138,045

Number of inspections on—	
Complaints and reports forwarded for Board's orders.....	28,579
Complaints and reports forwarded Sanitary Superintendent.....	3,008
Complaints, negative reports.....	10,766
Miscellaneous.....	22,340
Total.....	64,693

Number of reinspections on—	
Orders forwarded.....	65,125
Miscellaneous.....	8,227
Total.....	73,352

Number of visits to Court.....	293
Number of visits to Department.....	7,833
Number of inspectors.....	72

The number of dead animals and the quantity of offal, garbage, etc., removed from the shore front by the Shore Inspectors was:

Bodies (human).....	10	Rabbit.....	1
Calves.....	9	Rats.....	5,598
Cats.....	2,189	Sheep.....	101
Cows.....	53	Turtles.....	2
Deer's Heads.....	3	Garbage (pieces).....	2,034
Dogs.....	2,716	" (tons).....	400
Fish.....	12,319	" dumps.....	2
Fowl.....	3,786	Mattresses, beds, etc (pieces).....	2,121
Goats.....	95	Offal (pieces).....	18,628
Horses.....	9		
Pigs.....	90		

THE FOLLOWING IS A SUMMARY OF THE WORK PERFORMED BY THE SANITARY POLICE:

Inspections, reinspections and miscellaneous.....	336,820
Complaints made and forwarded to the Sanitary Superintendent.....	12,735
Complaints made and referred to the Sanitary Inspectors.....	2,543
Complaints on complaint of citizens, and forwarded to the Sanitary Superintendent.....	2,828
Complaints made on overcrowding.....	123

Citizens' Complaints.

Received from Sanitary Superintendent.....	8,014
Returned to Sanitary Superintendent, complaint made and forwarded.....	3,225
Returned to Sanitary Superintendent, no cause for complaint.....	2,804
Returned to Sanitary Superintendent, nuisance abated.....	2,286

Communications.

Received from Sanitary Superintendent for examination and report.....	3
Returned to Sanitary Superintendent with report of examination made.....	2
Under investigation.....	1

Orders for Reinspection.

Attorneys received from Sanitary Superintendent.....	23,247
Attorneys returned to Sanitary Superintendent complied with.....	12,110
Attorneys returned to Sanitary Superintendent not complied with.....	10,692
Orders received from Sanitary Superintendent.....	32,379
Orders returned to Sanitary Superintendent complied with.....	18,652
Orders returned to Sanitary Superintendent not complied with.....	15,052

Orders from the Division of Contagious Diseases.

Under observation, date of last report.....	11
Received to stop work, close stores and keep premises under observation.....	141
Relieved from observation.....	150
Under observation.....	2
Night inspections of tenement apartments to report overcrowding.....	38,541
Complaints of overcrowding made and forwarded.....	185
Orders issued by the Board to reduce number of occupants in overcrowded apartments.....	180
Orders complied with.....	176
Orders not complied with.....	4
Letters delivered.....	3,799
Total officers.....	50
Water-closets ordered in lieu of privy vaults.....	25
Ash receptacles removed from outside stoop line.....	664
Scavengers' permits collected and forwarded to Sanitary Superintendent.....	720
Manure dump inspections.....	1,432
Lodging houses inspected.....	908
Tenement houses inspected, house to house inspection under the law.....	66,271
Tenement houses inspected, not house to house inspection under the law.....	83,596
Slaughter house inspections.....	3,940
Stables inspected.....	5,909
Miscellaneous inspections and reinspections.....	38,422
Notices served directing burial of persons who died from contagious or infectious diseases.....	1,343
Officers on special duty.....	11

Nature of Complaints and Violations Reported by Sanitary Police.

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Air shafts filthy, not covered or connected with house sewer.....	661	767	1,428
Areas filthy and dangerous.....	837	1,192	2,029
Ash-boxes in violation of Sanitary Code.....	3,144	734	3,878
Balusters and stairs dangerous.....	404	8	412
Cellars filthy.....	1,724	1,661	3,385
Cellars occupied as a place of dwelling or lodging.....	92	2	94
Cellar doors dangerous.....	44	....	44
Cellars not water tight.....	57	1	58
Cesspools.....	43	2	45
Chimneys dangerous or obstructed.....	27	1	28
Clothes poles dangerous.....	2	....	2
Cows, no permit.....	12	4	16
Dogs in violation of Sanitary Code.....	183	77	260
Drains obstructed or defective.....	187	3	190
Drains not provided with a running trap or fresh-air inlet.....	2	....	2
Eaves—gutters defective or dangerous.....	20	....	20
Fences dangerous.....	134	2	136
Fire-escapes filthy or obstructed.....	96	498	594
Flooring broken, dangerous or filthy.....	1,399	295	1,694
Fowls, no permit.....	369	89	458
Fresh-air inlets obstructed.....	16	93	109
Goats, no permit.....	17	3	20
Hogs, no permit.....	60	11	71
Hydrants out of repair.....	42	....	42
Ice-boxes not connected with properly trapped croton supply sinks.....	67	29	96
Lodging-houses, no permit.....	1	....	1
Leaders defective, obstructed or dangerous.....	344	2	346
Manure-vaults in violation of Sanitary Code, or no permit.....	271	45	316
Pigeons.....	480	13	493
Pumps out of repair.....	13	....	13
Privy accommodation not sufficient.....	21	....	21
Privy-vaults full, offensive or out of repair.....	57	30	87
Privy-houses filthy or out of repair.....	443	223	666
Premises not connected with street sewer.....	9	1	10
Rabbits.....	37	....	37
Receiving-basins full or offensive.....	20	....	20
Roofs leaking or filthy.....	1,002	385	1,387
School sinks out of order or neglected.....	305	535	840
Stable yards filthy, not paved, graded or sewer connected.....	78	94	172
Stables in tenement-houses.....	2	....	2
Skylights broken.....	101	2	103
Stoops dangerous.....	33	....	33
Soil-pipes obstructed, defective or not ventilated.....	186	....	186
Sinks filthy, defective or not trapped.....	669	123	792
Sidewalks filthy, dangerous or not flagged.....	47	13	60
Street pavements dangerous.....	16	1	17
Streets or gutters filthy or obstructed.....	48	20	68
Street culverts obstructed.....	7	6	13
Smoke-houses in tenement-houses, no permit.....	12	8	20
Supply-pipes obstructed or defective.....	334	....	334
Tenement-houses overcrowded.....	4	....	4
Urinals not trapped, flushed or sewer connected.....	80	....	80
Vacant lots filthy, dangerous, not fenced or sewer connected.....	290	60	350

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Vault covers or gratings dangerous.....	17	1	18
Water-closets out of repair or filthy.....	1,556	242	1,798
Water-closets not trapped or ventilated.....	41	2	43
Water-tanks filthy.....	2,366	42	2,408
Walls and ceilings filthy or out of repair.....	3,583	2	3,585
Waste-pipes obstructed, defective or not ventilated.....	626	....	626
Yards filthy, not properly graded or sewer connected.....	1,371	1,671	3,042
Yard pavements out of repair.....	137	....	137
Halls not properly ventilated.....	31	2	33
Inside rooms not properly ventilated.....	1	....	1
No appliances to receive and distribute water on every floor of tenement.....	14	....	14
Rags stored in tenement-houses, no permit.....	23	....	23
Schools kept in tenement-houses, no permit.....	15	....	15
Halls not lighted.....	224	....	224
Mercantile complaints.....	281	....	281
Totals.....	24,835	8,995	33,830

The number of dead animals removed from the streets and highways, and the quantity of offal, etc., removed from the markets and slaughter houses by the contractor was:

Horses.....	12,861	Fowls.....	64
Colts.....	8	Rats.....	14
Mules.....	7	Barrels of offal.....	3,406
Ponies.....	1	Barrels of fish.....	7,239
Donkeys.....	5	Quarters of beef.....	145
Cows.....	233	Quarters of mutton.....	92
Steers.....	1	Quarters of veal.....	1,529
Calves.....	1,875	Barrels of assorted meat.....	95
Sheep.....	527	Barrels of poultry.....	924
Goats.....	77	Barrels of game.....	9
Deer.....	3	Boxes of game.....	18
Hogs.....	119	Kegs of meat.....	24
Cats and dogs.....	59,622	Quarters of horse meat.....	14
Dogs from Public Pound.....	13,530		

WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.

Measles.....	15,056	Typhoid fever.....	2,226
Diphtheria.....	10,578	Yellow fever.....	1
Laryngeal diphtheria (croup).....	613	Malarial fever.....	3
Scarlet fever.....	9,148	Pertussis.....	233
Cerebro-spinal meningitis.....	17	Parotiditis.....	47
Small-pox.....	16	Typhoid malarial fever.....	3
Chicken-pox.....	1,244		
Tuberculosis.....	18	Total.....	39,203

SUMMARY.

Work Performed by Inspectors of Vaccination.

Number of primary vaccinations.....	25,831
“ revaccinations.....	33,366
Total.....	59,197
Number of visits to infected houses.....	50
“ visits to sick children.....	289
“ vaccination certificates issued.....	35,461
“ reports to Chief Inspector.....	793

Work Performed by Medical Sanitary Inspectors.

Number of cases visited.....	80,351
“ cases for special diagnosis.....	4,105
“ days (24 hours) as diagnostician.....	2,135
“ inspections of tenement houses.....	63,107
“ inspections of hotels.....	245
“ inspections of schools and institutions.....	2,562
“ inspections of private houses.....	6,531
“ miscellaneous inspections.....	2,816
“ inspections, “not found”.....	467
“ total inspections.....	75,728
“ school notices sent.....	11,273
“ vaccination certificates issued.....	2,176
“ visits to doctors and undertakers.....	669
“ visits to Department.....	9,710
“ reports to Chief Inspector.....	10,699

Work Performed by Disinfecting Corps.

Number of houses visited.....	17,492
“ infected rooms fumigated.....	36,410
“ infected rooms disinfected.....	28,020
“ pieces of infected goods removed by Department.....	50,289
“ pieces infected goods returned by Department.....	40,997
“ pieces infected goods disinfected.....	43,423
“ pieces of infected goods destroyed.....	6,866
“ pieces infected goods on hand.....	107
“ school certificates delivered.....	116
“ persons removed to hospital on account of contagious diseases.....	2,092
“ dead bodies to Morgue.....	51
“ days on ambulance.....	1,479
“ times ambulances, etc., fumigated.....	2,879
“ reports to Chief Inspector.....	6,375

Work Performed by Veterinarian.

Number of cases of diseased animals examined.....	1,569
“ inspections made.....	9,701
“ head of cattle examined.....	16,487
“ post mortems on cattle.....	295
“ glandered horses destroyed.....	200
“ reports to Chief Inspector.....	369

Miscellaneous Work.

Number of certificates of vaccination issued.....	888
“ prescriptions written.....	408
“ prescriptions filled.....	408
“ reports to Chief Inspector.....	2,016
Total of all inspections.....	102,921
Total number of certificates of vaccination issued.....	39,120
Total general and special reports to Chief Inspector.....	18,804

THE FOLLOWING IS A SUMMARY OF THE WORK PERFORMED BY THE CORPS HAVING CHARGE OF FOODS AND CHEMICALS.

SUMMARY.

Orders received.....	3,502
Orders complied with.....	2,344
Orders not complied with.....	1,279
Total number of inspections.....	1,076,888

Total number of analyses	4,205
citizens' complaints received	2,992
citizens' complaints returned for orders	528
citizens' complaints returned as negative	2,296
citizens' complaints under observation	168
original complaints by inspectors	313
complaints made and returned to Sanitary Superintendent	3,941
days at Court or Department	13,371
arrests	247
Total number held on bail	230
of trials at Special or General Sessions	186
of pounds of milk, fruit, food, meat and fish condemned and seized	9,841,074

Milk Inspections.

Inspectors on duty	19
Number of inspections	106,778
specimens examined	114,199
samples of milk	7,098
citizens' complaints received	276
original complaints by inspectors	97
citizens' complaints returned for orders	59
citizens' complaints returned as negative	158
citizens' complaints under observation	59
days at Court or Department	3,300
special day inspections	2,311
early morning inspections	10,919
nights of special work	61
quarts adulterated milk destroyed (258 pounds)	129
days in country or at laboratory	229
arrests	202
Number held on bail	189
Number of trials at Special or General Sessions	160
Chemists on duty	4
Number of analyses	4,205
experimental analyses	1,028
lactometers tested	22
thermometers tested	50
days at Court or Department	1,115
nights of special work	59
special inspections	221

Substances Analyzed.

Number	Number
Antiseptics	1
Asparagus	1
Beer (Birch)	1
Beer	1
Buttermilk	5
Bread	4
Cake	1
Candy	1,058
Cheese cloths	16
Cotton	1
Cheese scrapings	15
Cocoa	2
Clam juice	2
Crystals	2
Cigars	1
Coffee	5
Cheese	28
Cider	1
Corks	1
Deposit	1
Disinfectants	7
Experimental analyses	1,028
Enamel	31
Enamel ware	6
Effluent	3
Food preservatives	2
Fat extraction	209
Fluid	5
Flour	1
Glasses	1
Green substance	1
Horseradish	1
Ice cream	2
Ice	4
Jelly	1
Liquid	10
Lemon extract	2
Lime	1
Macaroni	1
Milk	1,090
" (condensed)	5
" (preserved)	1
Milk (evaporated)	2
" (cream)	5
" (modified)	3
" (microscopic examinations)	201
Powder	1
Poison	1
Paste	4
Peas	1
Pills	2
Polishing fluid	1
Pork and beans	2
Soup	1
Sardines	3
Sardine can	1
Stomach contents	1
Sausages	2
Salmon	1
Sugar	1
Tea	8
Tablets	6
Tub.	1
Urine	2
Vegetable ivory	2
Vichy salts	1
Vomit	1
Wines	3
Water, Croton	140
" cellars	51
" Croton Water Shed	41
" springs	14
" ponds	2
" lake	1
" cistern	7
" brook	4
" Ridgewood	38
" surface	1
" mineral	8
" ice	1
Borough water supply	80
Whole wheat flour	1

Fruit and Food Inspections.

Inspectors on duty	7
Number of inspections	519,661
pounds of fruits and foods condemned	7,746,959
Number of pounds of fruit condemned	6,605,501
vegetables	895,028
canned goods	197,469
confectionery	1,730
groceries	47,231
Total	7,746,959

Number of citizens' complaints received	597
original complaints by inspectors	61
citizens' complaints returned for orders	70
citizens' complaints returned as negative	479
citizens' complaints under observation	48
days at Court or Department	1,751
nights of special work	55
arrests	10
held on bail	9
trials at Special or General Sessions	4

SUMMARY.

Items.	Pounds.	Items.	Pounds.
Assorted fruits	92,212	Cocoanuts	950
Apples	92,355	Carrots	7,810
Apricots	940	Cheese	1,060
Asparagus	100	Cherries	2,065
Beans	39,590	Cranberries	24,145
Bananas	4,706,354	Cornmeal	37,500
Berries	7,980	Eggs	2,060
Beets	31,665	Egg plant	2,000
Corn	25	Figs	165
Candy apples	1,340	Grape fruit	14,675
Celery	91,385	Grapes	13,055
Cucumbers	75,345	Groceries	3,655
Canned goods	197,469	Greens	370
Cauliflower	6,555	Kale	63,450
Cabbage	180,324	Lemons	340,615
Chestnuts	26,115	Limes	11,625
Candy	390	Macaroni	2,893

Items.	Pounds.	Items.	Pounds.
Melons (Water)	330,485	Plums	14,755
Melons (Musk)	101,360	Pears	64,860
Nectarines	1,080	Pumpkins	100
Oranges	430,865	Preserves	25
Oatmeal	38	Radishes	1,200
Onions	164,275	Sauerkraut	125
Pomegranates	40	Spinach	5,300
Peas	1,075	Sprouts	1,950
Peaches	97,865	Squash	9,450
Peppers	75	Tomatoes	45,710
Pineapples	230,940	Turnips	16,795
Potatoes	100,585	Vegetables	34,894
Pickles	14,875		

Inspection of commission houses	1,015
" auction houses	1,409
" stores	105,264
" licensed vendors	162,867
" vessels	687
" railroad depots	1,521
" stands	176,367
" markets	96,070
" ice-houses	137
" market wagons	36,252
" fruit docks	24,533
Miscellaneous	2

Meat and Fish Inspections.

Inspectors on duty	10
Number of inspections	399,939
permits issued to lead cows	3,230
pounds of meat condemned	860,963
pounds of fish condemned	1,232,894
citizens' complaints received	390
original complaints by inspectors	49
citizens' complaints returned for orders	18
citizens' complaints returned as negative	340
citizens' complaints under observation	32

Number of carcasses of beef condemned	263 3/4
" veal condemned	2,962 1/2
" sheep condemned	673
" hogs condemned	182
" horses condemned	3

Total condemned.....4,084 1/4

Number of pounds of beef condemned	243,931
" veal condemned	191,880
" sheep condemned	61,390
" hogs condemned	25,245
" assorted meats condemned	62,938
" poultry condemned	264,417
" game condemned	9,662
" horse-meat condemned	1,500

Total condemned.....860,963

Number of pounds of fish condemned.....1,232,894

Number of days at Court or Department	1,888
nights of special work	420
arrests	32
held on bail	31
trials at Special or General Sessions	23

Inspection of fish stores	13,725
stands	14,273
licensed vendors	191,844
commission houses	30,954
butcher shops	101,579
slaughter houses	21,578
packing houses	1,001
ice-houses	16,877
vessels	275
railroad depots	586
stock yards	4,835
markets	1,300
Miscellaneous	1,052

Inspection of Cows.

Number of Inspectors on duty	17
inspections of premises	14,657
herds examined	480
cows tagged	3,643
temperatures taken	25,513
cows examined (tuberculin test)	3,315
" negative	2,210
cows found diseased	158
cows condemned	142
autopsies	97
citizens' complaints received	32
citizens' complaints returned for orders	8
citizens' complaints returned as negative	18
citizens' complaints under observation	6
original complaints by inspectors	11
days at Court or Department	776
nights special work	555

Offensive Trade Inspections.

Inspectors on duty	18
Number of inspections	35,632
citizens' complaints received	1,697
original complaints by inspectors	95
citizens' complaints returned for orders	373
citizens' complaints returned as negative	1,301
citizens' complaints under observation	23
days at Court or Department	1,726
nights of special work	135
arrests	1
held on bail	1
trials at Special or General Sessions	1

SUMMARY.

Items.	Items.
Acid work	1 Brass work
Ale vault	1 Barber shops
Asphalt plant	6 Borax work
Buildings under construction	2 Bologna manufacturing
Bakeries	68 Candle manufactories
Blacksmith shops	121 Cabinet manufactories
Bone yards	190 Candy manufactories
Boiler factories	17 Cigar manufactories
Blacking factory	1 Clothing manufactories
Box factories	112 Cheese manufactories
Breweries	448 Calf's head cleaning establishments
Butcher shops	223 Car stables
Bottling works	12 Clothes cleaning establishments
Bird stores	5 Carpet cleaning establishments
Butter stores	10 Chemical works

Carpenter shops.....	23	Power houses.....	7
Cattle yards.....	2,268	Offices.....	2,450
Coal yards.....	8	Offal docks.....	7
Cold storage warehouses.....	12	Offal wagons.....	6
Cellars.....	232	Oil works.....	4
Confectionery stores.....	8	Office building.....	1
Canal.....	1	Paint shops.....	4
Coffee mills.....	2	Plumber supply shops.....	5
Chicken houses.....	145	Paris green works.....	2
Carrousel.....	1	Packing houses.....	4
Cooperage.....	2	Private dwellings.....	1,403
Color work.....	1	Printing houses.....	92
Dumps (manure).....	201	Provision houses.....	289
Dumps (garbage).....	45	Piers.....	71
Dynamoes.....	41	Public baths.....	10
Dye works.....	35	Pickle factories.....	4
Drug stores.....	29	Plaster mill.....	1
Drug mills.....	7	Public highway.....	1
Distilleries.....	3	Paper mill.....	3
Dental establishments.....	3	Potteries.....	2
Delicatessen stores.....	11	Restaurants.....	174
Dairies.....	3	Rag shops.....	75
Dwellings.....	2	Round houses.....	81
Degreasing work.....	1	Railroads.....	33
Dry goods house.....	1	Railroads (elevated).....	4
Excavations.....	369	Railroad depots.....	4
Electrical apparatus manufactories.....	49	Rolling mills.....	3
Electrical lamps.....	5	Reservoir.....	1
Electric-light plant.....	8	Slaughter houses (horse).....	4
Elevator work.....	1	Slaughter houses (cattle).....	7,031
Fat and bone wagons.....	32	Slaughter houses (chickens).....	640
Fat rendering establishments.....	1,087	Smoke houses.....	426
Foundries.....	147	Saw-mills.....	242
Fur stores.....	38	Soap manufactories.....	88
Fur dressing establishments.....	56	Stands.....	9
Factories.....	1,819	Soda-water manufactories.....	3
Ferries.....	147	Stores.....	444
Fruit stands.....	24	Streets.....	654
Fires.....	10	Sugar refinery.....	1
Fish markets.....	137	Schools.....	13
Furniture factories.....	19	Spice and coffee mills.....	22
Fertilizer factories.....	1,107	Smelting works.....	18
Freight yard.....	1	Sausage manufactory.....	1
Flour mills.....	4	Sewers.....	278
Gas-engines.....	76	Silk mills.....	9
Gas-houses.....	672	Stair building establishments.....	2
Gas leaks in mains.....	24	Silver-plating establishments.....	20
Gas leaks in pipes.....	6	Stables.....	187
Gas leaks in houses.....	17	Steam engines (stationary).....	121
Gas holders.....	540	Steam heating pipes.....	70
Gas trenches.....	48	Steam heating plants.....	13
Grocery stores.....	212	Steam exhaust pipes.....	294
Grain drying establishments.....	117	Stone-crushing machines.....	6
Gut cleaning establishments.....	85	Stone yards.....	14
Grain elevators.....	4	Subway Companies' pipes.....	9
Glass works.....	2	Swill wagons and receptacles.....	2
Goat stables.....	7	Scavenger plant.....	1
Glue factories.....	4	Swill boiling work.....	1
Garbage.....	8	Smoke nuisances.....	19
Hair picking establishments.....	13	Skin dressing establishment.....	1
Hide cellars.....	789	Saloons.....	2
Hog yards.....	157	Tenement-houses.....	2,617
Hat stores.....	8	Tanneries.....	15
Hospitals.....	3	Tobacco manufactories.....	7
Hotels.....	90	Tripe factories.....	2
Hardware stores.....	4	Tin shop.....	1
Ice manufactories.....	13	Trees.....	2
Iron works.....	31	Type foundry.....	1
Junk shops.....	5	Vinegar factories.....	17
Kindling wood factories.....	14	Venders' wagons.....	139
Laundries.....	202	Varnish factories.....	3
Lime kilns.....	14	Vacant lot.....	1
Leather manufactories.....	10	Warehouses (malt and hops).....	4
Liquor stores.....	62	Water (crown).....	7
Locomotives.....	239	Water well.....	1
Lacquer work.....	1	Water tanks.....	13
Licorice factory.....	2	Water hydrants.....	17
Malt houses.....	4	Wire works.....	52
Machine shops.....	26	Wheelwright shops.....	53
Milk depots.....	142	Wool yards.....	9
Markets.....	3,737	Wood working establishments.....	6
Metal beating establishments.....	8	White lead works.....	3
Machinery.....	1	Yards.....	162
Picture frame factory.....	1		

WORK PERFORMED BY THE DIVISION OF BACTERIOLOGY.

Number of inspections, administration of diphtheria antitoxin.....	3,330
" inspections tuberculosis.....	11,065
" inspections other than above.....	3,491
" inspections, total.....	18,486
" inspections of tenement houses.....	15,340
" original complaints by inspectors.....	1,081
" special reports.....	1,721
" new cases treated with diphtheria antitoxin.....	1,080
" curative injections of diphtheria antitoxin given.....	1,077
" individuals immunized with diphtheria antitoxin.....	1,516
" laryngeal cases of diphtheria intubated.....	60
" cases of pulmonary tuberculosis examined and removed to hospitals.....	303
" cases of pulmonary tuberculosis examined, removal not recommended.....	160
" visits to Central Office.....	897
" autopsies (human).....	2
" autopsies (animal).....	65
" histological examinations.....	298
" bacteriological diagnoses of suspected diphtheria.....	11,557
Cases found to be true diphtheria.....	5,249
Cases found not to be diphtheria.....	3,547
Cases bacteriological diagnosis indecisive.....	2,761
" bacteriological examinations of healthy throats in infected families.....	392
" later bacteriological examinations of diphtheria (convalescents).....	9,936
" cultures in cases of suspected diphtheria, taken by Medical School Inspectors.....	244
Diphtheria bacilli found.....	38
Diphtheria bacilli not found.....	174
Indecisive.....	32
" bacteriological examinations of sputum from cases of suspected tuberculosis.....	3,945
Tubercle bacilli found.....	1,832
Tubercle bacilli not found.....	2,113
" microscopical preparations of sputum made and examined.....	6,295
" inoculations of animals with toxins.....	3
" animals bled for antitoxic serums.....	89
Amount of diphtheria antitoxic serum produced, in cubic centimeters.....	212,035
" tetanus antitoxic serum produced, in cubic centimeters.....	20,665
" tuberculin produced, in cubic centimeters.....	50
" antistreptococcus serum, produced in cubic centimeters.....	6,380
Number of samples of toxins tested.....	343
" samples of antitoxic serums tested.....	400
" specimens of blood and serum examined for typhoid fever reaction (Widal test).....	1,582
Specimens showing positive reaction.....	569
Specimens showing negative reaction.....	1,013

Number of specimens of feces or urine examined for typhoid bacilli (Hiss method).....	304
Typhoid bacilli found.....	16
Typhoid bacilli not found.....	294
" specimens of vaccine virus tested bacteriologically.....	227
" specimens of other substances tested bacteriologically.....	204
" animals vaccinated.....	257
" animals collected from.....	251
" grammes of vaccine virus collected.....	1,434.40
" cubic centimeters of liquid vaccine virus prepared.....	3,987.68
" clinical tests of vaccine virus made.....	2,054
" quills charged with humanized virus.....	2,875
" spades charged with humanized virus.....	18,234
" capillary tubes of vaccine virus prepared.....	65,381
" small vials of vaccine virus prepared.....	4,043
" large vials of vaccine virus prepared.....	1,032
" visits to collect diphtheria culture tubes, samples of sputum, etc.....	10,371
" special visits to Department stations.....	2,414

WORK PERFORMED BY THE DIVISION OF MEDICAL SCHOOL INSPECTION.

SCHOOLS.	Total Daily Average Attendance.	School Days.	Number of Schools Visited.	Number of Visits to Schools.
Grammar Schools, Grammar Departments.....	203,095	183	230	36,353
Grammar Schools, Primary Departments.....	85,091	183	*212	*27,455
Primary Schools.....	63,559	183	90	14,069
Parochial Schools.....	64,668	185	77	10,931
Industrial Schools, American Female Guardian Society.....	2,804	183	10	1,962
Industrial Schools, Children's Aid Society.....	4,081	183	12	3,016
Schools in Tenement-houses.....	153	183	10	1,133
Kindergarten Schools.....	813	183	13	2,632
Mixed Schools.....	32,130	183	20	844
Total.....	456,394	183	462	70,940

* Included in Grammar Departments of Grammar Schools.

SCHOOLS.	NUMBER EXAMINED.			Number Excluded.
	Males.	Females.	Total.	
Grammar Schools, Grammar Departments.....	10,361	7,933	18,294	750
Grammar Schools, Primary Departments.....	26,323	33,588	59,911	4,127
Primary Schools.....	11,924	13,649	25,573	1,588
Parochial Schools.....	5,004	6,369	11,373	385
Industrial Schools, American Female Guardian Society.....	1,330	1,112	2,442	285
Industrial Schools, Children's Aid Society.....	1,470	1,740	3,210	301
Schools in Tenement-houses.....	11,795	4,930	16,725	12
Kindergarten Schools.....	585	899	1,484	91
Mixed Schools.....	495	698	1,193	67
Total.....	69,047	70,918	139,965	7,606

Table Showing Diseases for Which Children Were Excluded.

SCHOOLS.	Measles.	Diphtheria.	Scarlet Fever.	Croup.	Whooping Cough.	Mumps.	Contagious Eye Diseases.	PARASITIC DISEASES OF		Chicken Pox.	Skin Diseases.	Miscellaneous.	Total Number Excluded.
								Head.	Body.				
Grammar Schools, Grammar Departments.....	53	12	1	2	36	18	164	325	21	22	89	7	750
Grammar Schools, Primary Departments.....	132	59	15	9	144	284	818	2,021	64	199	371	11	4,127
Primary Schools.....	22	30	8	7	53	101	378	720	35	92	140	2	1,588
Parochial Schools.....	14	4	2	4	8	29	72	189	5	9	48	1	385
Industrial Schools, American Female Guardian Society.....	4	8	5	2	24	69	122	6	17	28	..	..	285
Industrial Schools, Children's Aid Society.....	6	3	1	..	6	5	61	170	4	16	29	..	301
Schools in Tenement-houses.....	1	..	..	..	..	..	1	3	..	1	6	..	12
Kindergarten Schools.....	14	1	..	..	1	8	5	44	..	11	7	..	91
Mixed Schools.....	7	1	..	1	4	3	6	24	6	2	13	..	67
Total.....	253	118	32	25	276	517	1,627	3,502	152	380	703	21	7,606

REPORT OF THE PATIENTS TREATED IN RECEIPTION HOSPITAL FOR THE YEAR ENDING DECEMBER 31, 1898.

General Statement.

1898.	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOMPANYING.
Remaining in Hospital December 31, 1897.....	4	5	9	4	5	9	..
Admitted.....	461	445	906	687	219	906	76
Total.....	465	450	915	691	224	915	76
Transferred.....	405	345	750	573	172	750	66
Discharged.....	41	87	128	83	45	128	10
Died.....	13	16	29	23	9	29	..
Total.....	459	448	907	684	223	907	76
Remaining in Hospital December 31, 1898.....	6	2	8	7	1	8	..

Remaining in Hospital December 31, 1897.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.	
Scarlet fever.....	2	..	..	..	1	1	1	..	1	2
Measles.....	1	1	..	1	..	1	..	1	1	2
Diphtheria.....	..	1	..	..	..	..	1	..	1	1
Scarlet fever and diphtheria.....	1	..	..	..	..	..	..	1	1	1
Suspects.....	..	3	..	1	1	2	..	1	1	3
Total.....	4	5	..	2	2	4	2	3	5	9

Admitted.

Small-pox.....	4	..	7	..	1	1	5	5	10	11
Scarlet fever.....	103	95	..	78	98	176	17	5	22	198
Measles.....	152	189	1	118	107	225	72	45	117	342
Diphtheria.....	10	30	..	17	19	36	3	1	4	40
Pertussis.....	10	4	..	4	10	14	..	..	..	14
Varicella.....	5	12	..	7	8	15	2	..	2	17
Mumps.....	1	3	..	1	1	2	2	..	2	4
Scarlet fever and diphtheria.....	53	25	..	37	36	73	2	3	5	78
Scarlet fever and measles.....	2	24	..	12	12	24	1	1	2	26
Scarlet fever and varicella.....	..	2	..	1	1	2	..	..	..	2
Scarlet fever and pertussis.....	..	9	..	4	5	9	..	..	..	9
Scarlet fever, pertussis and varicella.....	..	1	..	1	..	1	..	..	..	1
Measles and diphtheria.....	25	12	..	21	14	35	1	1	2	37
Measles and varicella.....	..	1	..	1	..	1	..	..	..	1
Measles and pertussis.....	2	..	..	1	1	2	..	..	..	2
Diphtheria and pertussis.....	1	4	..	4	1	5	..	..	..	5
Suspects.....	80	39	..	26	40	66	23	30	53	119
Accompanying.....	..	..	..	..	..	..	..	..	..	76
Total.....	448	450	8	333	354	687	128	91	219	982

Transferred.

Small-pox.....	4	..	7	..	1	1	5	5	10	11
Scarlet fever.....	100	80	..	75	89	164	12	4	16	180
Measles.....	150	183	..	117	100	217	71	45	116	333
Diphtheria.....	9	8	..	9	7	16	1	..	1	17
Pertussis.....	9	4	..	4	9	13	..	..	..	13
Varicella.....	2	7	..	5	3	8	1	..	1	9
Scarlet fever and diphtheria.....	50	24	..	35	34	69	2	3	5	74
Scarlet fever and measles.....	2	23	..	12	11	23	1	1	2	25
Scarlet fever and varicella.....	..	1	..	1	..	1	..	..	..	1
Scarlet fever and pertussis.....	..	9	..	4	5	9	..	..	..	9
Scarlet fever, pertussis and varicella.....	..	1	..	1	..	1	..	..	..	1
Measles and diphtheria.....	22	8	..	20	9	29	1	..	1	30
Measles and varicella.....	..	1	..	1	..	1	..	..	..	1
Measles and pertussis.....	2	..	..	1	1	2	..	..	..	2
Diphtheria and pertussis.....	1	3	..	4	..	4	..	..	..	4
Suspects.....	28	12	..	9	11	20	13	7	20	40
Accompanying.....	..	..	..	..	..	..	..	..	..	66
Total.....	379	364	7	298	280	578	107	65	172	816

Discharged.

Scarlet fever.....	3	13	..	2	9	11	4	1	5	16
Measles.....	1	7	1	..	7	7	1	1	2	9
Diphtheria.....	1	15	..	4	9	13	2	1	3	16
Varicella.....	2	5	..	2	4	6	1	..	1	7
Mumps.....	1	3	..	1	1	2	2	..	2	4
Scarlet fever and varicella.....	..	1	..	..	1	1	..	..	..	1
Measles and diphtheria.....	..	1	..	..	1	1	..	..	..	1
Diphtheria and pertussis.....	..	1	..	..	1	1	..	..	..	1
Suspects.....	44	29	..	13	28	41	9	23	32	73
Accompanying.....	..	..	..	..	..	..	..	..	..	10
Total.....	52	75	1	22	61	83	19	26	45	138

Died.

Scarlet fever.....	2	2	..	1	1	2	2	..	2	4
Measles.....	2	..	..	2	..	2	..	..	..	2
Diphtheria.....	..	4	..	2	2	4	..	..	..	4
Varicella.....	1	..	..	..	1	1	..	..	..	1
Scarlet fever and diphtheria.....	4	1	..	2	2	4	..	1	1	5
Scarlet fever and measles.....	..	1	..	..	1	1	..	..	..	1
Measles and diphtheria.....	3	3	..	1	4	5	..	..	1	6
Suspects.....	6	..	..	2	2	4	1	1	2	6
Total.....	18	11	..	10	13	23	3	3	6	29

Remaining in Hospital December 31, 1898.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria.....	..	4	..	2	1	3	1	..	1	4
Pertussis.....	1	..	..	..	1	1	..	..	..	1
Suspects.....	2	1	..	3	..	3	..	..	..	3
Total.....	3	5	..	5	2	7	1	..	1	8

RECAPITULATION.

	REMAINING DECEMBER 31, 1897.		ADMITTED DURING YEAR.		TRANSFERRED DURING YEAR.		DISCHARGED DURING YEAR.		DIED DURING YEAR.		REMAINING DECEMBER 31, 1898.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Small-pox.....	..	..	5	6	5	6	..	..	..	..	..	..
Scarlet fever.....	1	1	95	103	87	93	6	10	3	1	..	..
Measles.....	1	1	190	152	188	145	1	8	2	..	..	..
Diphtheria.....	1	..	20	20	10	7	6	10	2	2	3	1
Pertussis.....	..	..	4	10	4	9	..	..	..	..	..	1
Varicella.....	..	..	9	8	6	3	3	4	..	1	..	..
Mumps.....	..	..	3	1	..	3	1	..	..	..	..	..
Scarlet fever and diphtheria.....	..	1	39	39	37	37	..	..	2	3	..	..
Scarlet fever and measles.....	..	..	13	13	13	12	..	..	..	1	..	..
Scarlet fever and varicella.....	..	..	1	1	1	..	..	1	..	..	..	..
Scarlet fever and pertussis.....	..	..	4	5	4	5	..	..	..	..	..	..
Scarlet fever, pertussis and varicella.....	..	..	1	..	1	..	..	..	..	..	..	..
Measles and diphtheria.....	..	..	22	15	21	9	..	1	1	5	..	..
Measles and varicella.....	..	..	1	..	1	..	..	..	..	..	..	..
Measles and pertussis.....	..	..	1	1	1	1	..	..	..	..	..	..
Diphtheria and pertussis.....	..	..	4	1	4	..	..	1	..	..	..	..
Suspects.....	1	2	49	70	22	18	22	51	3	3	3	..
Accompanying.....	..	..	9	67	8	58	1	9	..	..	..	..
Total.....	4	5	470	512	413	403	42	96	13	16	6	2

REPORT OF THE PATIENTS TREATED IN WILLARD PARKER HOSPITAL FOR THE YEAR ENDING DECEMBER 31, 1898.

General Statement.

1898.	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOMPANYING.
Remaining in hospital December 31, 1897.....	44	48	92	72	20	92	..
Admitted.....	483	496	979	793	186	979	..
Total.....	527	544	1,071	865	206	1,071	14
Discharged.....	414	437	851	675	176	851	9
Died.....	72	77	149	131	18	149	..
Total.....	486	514	1,000	806	194	1,000	9
Remaining in hospital December 31, 1898.....	41	30	71	59	12	71	5

Remaining in Hospital December 31, 1897.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.	Accompanying.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.		
Scarlet fever.....	37	36	..	26	30	56	7	10	17	73	..
Diphtheria.....	13	6	..	9	7	16	2	1	3	19	..
Total.....	50	42	..	35	37	72	9	11	20	92	..

Admitted.

Scarlet fever.....	211	175	..	152	155	307	36	43	79	386	5
Diphtheria.....	410	182	1	239	247	486	56	51	107	593	9
Total.....	621	357	1	391	402	793	92	94	186	979	14

Discharged.

Scarlet fever.....	212	164	..	142	149	291	38	47	85	376	2
Diphtheria.....	322	152	1	191	193	384	43	48	91	475	7
Total.....	534	316	..	333	342	675	81	95	176	851	9

Died.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.	Accompanying.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.		
Scarlet fever.....	17	23	..	15	19	34	2	4	6	40	..
Diphtheria.....	80	29	..	46	51	97	9	3	12	109	..
Total.....	97	52	..	61	70	133	11	7	18	149	..

Remaining in Hospital December 31, 1898.

Scarlet fever.....	19	24	..	21	17	38	3	2	5	43	3
Diphtheria.....	21	7	..	11	10	21	6	1	7	28	2
Total.....	40	31	..	32	27	59	9	3	12	71	5

Recapitulation of Report for Year ending December 31, 1898.

	REMAINING IN HOSPITAL DECEMBER 31, 1897.		ADMITTED DURING YEAR.		DISCHARGED DURING YEAR.		DIED DURING YEAR.		REMAINING IN HOSPITAL DECEMBER 31, 1898.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Scarlet fever.....	33	40	188	198	180	196	17	23	24	19
Diphtheria.....	11	8	295	298	234	241	55	54	17	11
Accompanying.....	..	..	3	11	2	7	..	..	1	4
Total.....	44	48	486	507	416	444	72	77	42	34

Report by Ages of Patients.

	REMAINING DECEMBER 31, 1897.				ADMITTED DURING YEAR.				DISCHARGED DURING YEAR.				DIED DURING YEAR.				REMAINING DECEMBER 31, 1898.			
	Under 5 Years.		5 Years to 16 Years.		Under 5 Years.		5 Years to 16 Years.		Under 5 Years.		5 Years to 16 Years.		Under 5 Years.		5 Years to 16 Years.		Under 5 Years.		5 Years to 16 Years.	
	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.	Over 16 Years.	Total.
Scarlet fever.....	35	29	9	73	205	122	59	386	123	133	60	376	30	6	4	40	27	12	4	43
Diphtheria.....	10	7	2	19	336	139	118	593	240	127	108	475	88	15	6	109	18	4	6	28
Total.....	45	36	11	92	541	261	177	979	423	260	168	851	118	21	10	149	45	16	10	71

Mortality, Per Centum.

	UNDER 5 YEARS.	5 YEARS TO 16 YEARS.	OVER 16 YEARS.	TOTAL.
Scarlet fever.....	.125	.039	.058	.087
Diphtheria.....	.254	.103	.050	.178

REPORT OF THE PATIENTS TREATED IN RIVERSIDE HOSPITAL FOR THE YEAR ENDING DECEMBER 31, 1898.

Small Pox.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining.....	..	1	..	..	..	1	1	..	..	1	1
Admitted.....	5	9	..	..	9	5	14	..	3	11	14
Total treated.....	5	10	..	..	9	6	15	..	3	12	15
Discharged.....	3	8	..	..	7	4	11	..	2	9	11
Died.....	..	1	..	..	1	..	1	..	..	1	1
Remaining.....	2	1	..	..	1	2	3	..	1	2	3

Mortality, 6.66 per cent.

Measles.

Remaining.....	7	2	5	1	8	7	15	..	9	6	15
Admitted.....	109	58	115	93	205	170	365	10	246	129	375
Total treated.....	116	60	120	94	213	177	380	10	255	135	390
Discharged.....	102	49	97	87	180	155	327	8	217	118	335
Died.....	9	3	20	6	20	18	36	2	34	4	38
Remaining.....	5	8	3	1	13	4	17	..	4	13	17

Mortality, 9.74 per cent.

Measles Exposed to Diphtheria.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	..	..	1	..	1	..	1	..	1
Total treated.....	1	..	..	..	1	..	1	..	1	..	1
Discharged.....	1	..	..	..	1	..	1	..	1	..	1
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Measles Exposed to Scarlet Fever.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	2	..	3	..	3	..	3	..	3
Total treated.....	1	..	2	..	3	..	3	..	3	..	3
Discharged.....	1	..	2	..	3	..	3	..	3	..	3
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Measles Exposed to Varicella.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	1	1	..	1	..	1	..	1
Total treated.....	..	..	..	1	1	..	1	..	1	..	1
Discharged.....	..	..	..	1	1	..	1	..	1	..	1
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever.

Remaining.....	18	..	4	2	15	9	24	..	17	7	24
Admitted.....	91	1	29	49	76	94	167	3	154	16	170
Total treated.....	109	1	33	51	91	103	191	3	171	23	194
Discharged.....	98	1	28	47	85	89	171	3	151	23	174
Died.....	11	..	5	4	6	14	20	..	20	..	20
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 10.30 per cent.

Scarlet Fever Exposed to Measles.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	17	2	18	25	28	34	62	..	56	6	62
Total treated.....	17	2	18	25	28	34	62	..	56	6	62
Discharged.....	16	1	16	14	21	26	47	..	43	4	4
Died.....	1	1	..	4	3	3	6	..	5	1	6
Remaining.....	1	..	2	7	4	5	9	..	8	1	9

Mortality, 96.79 per cent.

Scarlet Fever Exposed to Varicella.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	1	..	1	1	..	1	..	1
Total treated.....	..	..	..	1	..	1	1	..	1	..	1
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	1	..	1	1	..	1	..	1
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 100 per cent.

Varicella.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	1	1	7	..	6	3	8	1	8	1	9
Total treated.....	1	1	7	..	6	3	8	1	8	1	9
Discharged.....	1	..	7	..	5	3	7	1	8	..	8
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	1	..	..	1	..	1	..	..	1	1

Mortality, 0 per cent.

Measles and Diphtheria.

Remaining.....	..	..	1	..	1	..	1	..	1	..	1
Admitted.....	35	1	19	8	39	24	63	..	57	6	63
Total treated.....	35	1	20	8	40	24	64	..	58	6	64
Discharged.....	18	..	11	..	19	10	29	..	27	2	29
Died.....	15	..	7	7	19	10	29	..	29	..	29
Remaining.....	2	1	2	1	2	4	6	..	2	4	6

Mortality, 45.63 per cent.

Measles and Varicella.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining
Admitted	1	1	..	1	..	1	..	1
Total treated	1	1	..	1	..	1	..	1
Discharged	1	1	..	1	..	1	..	1
Died
Remaining

Mortality, 0 per cent.

Scarlet Fever and Diphtheria.

Remaining	7	..	..	1	5	3	8	..	7	1	8
Admitted	89	..	16	9	64	50	112	2	107	7	114
Total treated	96	..	16	10	69	53	120	2	114	8	122
Discharged	52	..	8	7	36	31	66	1	60	7	67
Died	39	..	8	1	26	22	47	1	48	..	48
Remaining	5	..	..	7	7	..	7	..	6	1	7

Mortality, 39.34 per cent.

Scarlet Fever and Measles.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	20	..	17	22	34	25	59	..	55	4	59
Total treated	20	..	17	22	34	25	59	..	55	4	59
Discharged	14	..	10	13	23	14	37	..	33	4	37
Died	6	..	7	7	9	11	20	..	20	..	20
Remaining .....	..	..	..	2	2	..	2	..	2	..	2

Mortality, 37.32 per cent.

Scarlet Fever and Varicella.

Remaining	1	..	..	1	1	1	2	..	2	..	2
Admitted	7	..	2	2	5	6	11	..	10	1	11
Total treated	8	..	2	3	6	7	13	..	12	1	13
Discharged	8	..	2	3	6	7	13	..	12	1	13
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Measles and Pertussis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	5	..	9	..	8	6	14	..	13	1	14
Total treated	5	..	9	..	8	6	14	..	13	1	14
Discharged	3	..	4	..	5	2	7	..	6	1	7
Died	2	..	5	..	3	4	7	..	7	..	7
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 50 per cent.

Measles Exposed to Parotitis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted .....	..	..	..	4	2	2	4	..	4	..	4
Total treated .....	..	..	..	4	2	2	4	..	4	..	4
Discharged .....	..	..	..	4	2	2	4	..	4	..	4
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Pertussis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	8	..	1	3	2	10	10	2	12	..	12
Total treated	8	..	1	3	2	10	10	2	12	..	12
Discharged	6	..	1	3	1	9	8	2	10	..	10
Died	2	..	..	..	1	1	2	..	2	..	2
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 16.66 per cent.

Rotheln.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	1	..	..	..	1	1	..	..	1	..	1
Total treated	1	..	..	..	1	1	..	..	1	..	1
Discharged	1	..	..	..	1	1	..	..	1	..	1
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Diphtheria Exposed to Measles.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	4	..	..	..	1	3	4	..	4	..	4
Total treated	4	..	..	..	1	3	4	..	4	..	4
Discharged	4	..	..	..	1	3	4	..	4	..	4
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Diphtheria Exposed to Scarlet Fever.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	2	..	6	5	7	6	13	..	12	1	13
Total treated	2	..	6	5	7	6	13	..	12	1	13
Discharged	2	..	5	4	5	6	11	..	10	1	11
Died .....	..	..	1	1	2	..	2	..	2	..	2
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 15.22 per cent.

Measles and Diphtheria Exposed to Scarlet Fever.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	1	..	2	..	2	1	3	..	3	..	3
Total treated	1	..	2	..	2	1	3	..	3	..	3
Discharged	1	..	2	..	2	1	3	..	3	..	3
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Measles and Parotitis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted .....	..	..	..	1	..	1	1	..	1	..	1
Total treated .....	..	..	..	1	..	1	1	..	1	..	1
Discharged .....	..	..	..	1	..	1	1	..	1	..	1
Died .....	..	..	..	..	..	..	..	..	..	..	..
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever, Measles and Diphtheria.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted .....	..	..	1	..	..	1	1	..	1	..	1
Total treated .....	..	..	1	..	..	1	1	..	1	..	1
Discharged .....	..	..	..	..	..	..	..	..	..	..	..
Died .....	..	..	1	..	..	1	1	..	1	..	1
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 100 per cent.

Scarlet Fever, Measles and Pertussis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	1	..	..	..	..	1	1	..	1	..	1
Total treated	1	..	..	..	..	1	1	..	1	..	1
Discharged .....	..	..	..	..	..	..	..	..	..	..	..
Died	1	..	..	..	..	1	1	..	1	..	1
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 100 per cent.

Scarlet Fever and Pertussis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	2	..	6	6	8	6	14	..	14	..	14
Total treated	2	..	6	6	8	6	14	..	14	..	14
Discharged	2	..	4	6	6	6	12	..	12	..	12
Died .....	..	..	2	..	2	..	2	..	2	..	2
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 14.28 per cent.

Diphtheria and Pertussis.

Remaining .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	2	..	2	1	4	1	5	..	5	..	5
Total treated	2	..	2	1	4	1	5	..	5	..	5
Discharged	1	..	2	..	3	..	3	..	3	..	3
Died	1	..	..	1	1	1	2	..	2	..	2
Remaining .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 40 per cent.

Scarlet Fever and Diphtheria Observation.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining.....
Admitted.....
Total treated.....
Discharged.....
Died.....
Remaining.....

Mortality, 0 per cent.

Diphtheria, Measles and Pertussis.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 100 per cent.

Scarlet Fever Exposed to Pertussis.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever, Pertussis and Varicella.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever, Varicella Exposed to Pertussis.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever Observation.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Diphtheria Exposed to Scarlet Fever and Measles.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Scarlet Fever and Diphtheria Exposed to Measles.

Remaining.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	..	..	..	..	..	..	..	..	..	..	..
Total treated.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	..	..	..	..	..	..	..	..	..	..	..
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 50 per cent.

Scarlet Fever Exposed to Diphtheria.

	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining.....
Admitted.....
Total treated.....
Discharged.....
Died.....
Remaining.....

Mortality, 0 per cent.

Total Patients.

Remaining.....	33	3	10	5	30	21	51	..	36	15	51
Admitted.....	404	73	253	238	507	461	952	16	781	187	968
Total treated.....	437	76	263	243	537	482	1,003	16	817	202	1019
Discharged.....	343	60	200	196	413	376	776	13	615	174	789
Died.....	89	5	56	32	93	89	179	3	176	6	182
Remaining.....	15	11	7	15	31	17	48	..	26	22	48

Mortality, 17.81 per cent.

Accompanying.

Remaining.....	1	2	..	..	..	3	3	..	1	2	3
Admitted.....	9	59	10	2	16	64	80	..	8	72	80
Total treated.....	10	61	10	2	16	67	83	..	9	74	83
Discharged.....	10	47	10	2	6	63	69	..	9	60	69
Died.....	..	..	..	..	..	..	..	..	..	..	..
Remaining.....	..	14	..	..	10	4	14	..	..	14	14

Mortality, 0 per cent.

RECAPITULATION OF REPORT.

DISEASES.	REMAINING DECEMBER 31, 1897.		ADMITTED.		TOTAL TREATED.		DIS- CHARGED.		DIED.		REMAIN- ING DECEM- BER 31, 1898.	
	Over 15 Years.	Under 15 Years.	Over 15 Years.	Under 15 Years.	Over 15 Years.	Under 15 Years.	Over 15 Years.	Under 15 Years.	Over 15 Years.	Under 15 Years.	Over 15 Years.	Under 15 Years.
Small-pox.....	..	1	8	6	8	7	6	5	..	1	2	1
Measles.....	4	11	112	263	116	274	110	225	2	36	..	17
Measles (ex) to diphtheria.....	1	..	1	..	1	..	..	..	..
Measles (ex) to scarlet fever.....	3	..	3	..	3	..	..	..	..
Measles (ex) to varicella.....	1	..	1	..	1	..	..	..	..
Scarlet fever.....	4	20	27	143	31	163	30	144	1	19	..	..
Scarlet fever (ex) to measles.....	1	61	1	61	..	47	..	6	1	8
Scarlet fever (ex) to varicella.....	1	..	1	..	..	..	1	..	..
Varicella.....	9	..	9	..	8	..	..	..	1
Measles and diphtheria.....	..	1	2	61	2	62	2	27	..	29	..	6
Measles and varicella.....	1	..	1	..	1	..	..	..	..
Scarlet fever and diphtheria.....	..	8	6	108	6	116	6	61	..	48	..	7
Scarlet fever and measles.....	59	..	59	..	37	..	20	..	2
Scarlet fever and varicella.....	..	2	..	11	..	13	..	13	..	..	..	..
Measles and pertussis.....	14	..	14	..	7	..	7	..	..
Measles (ex) to parotitis.....	4	..	4	..	4	..	..	..	..
Pertussis.....	12	..	12	..	10	..	2	..	..
Rotheln.....	1	..	1	..	1	..	..	..	..
Diphtheria (ex) to measles.....	1	3	1	3	1	3	..	..	..	..
Diphtheria (ex) to scarlet fever.....	13	..	13	..	11	..	2	..	..
Measles and diphtheria (ex) to scarlet fever.....	3	..	3	..	3	..	..	..	..
Measles and parotitis.....	1	..	1	..	1	..	..	..	..
Scarlet fever, measles and diphtheria.....	1	..	1	..	..	..	1	..	..
Scarlet fever, measles and pertussis.....	1	..	1	..	..	..	1	..	..
Scarlet fever and pertussis.....	14	..	14	..	12	..	2	..	..
Diphtheria and pertussis.....	5	..	5	..	3	..	2	..	..
Scarlet fever and diphtheria, ob- servation.....	1	..	1	..	1	..	..	..	..
Diphtheria, measles and pertussis	1	..	1	..	..	..	1	..	..
Scarlet fever (ex) to pertussis.....	1	..	1	..	1	..	..	..	..
Scarlet fever, pertussis and varicella.....	1	..	1	..	..	..	..	..	1
Scarlet fever, varicella (ex) to pertussis.....	1	..	1	..	..	..	..	..	1
Scarlet fever, observation.....	1	..	1	..	1	..	..	..	..
Diphtheria (ex) to scarlet fever and measles.....	1	..	1	..	1	..	..	..	..
Scarlet fever and diphtheria (ex) measles.....	2	..	2	..	..	..	1	..	1
Scarlet fever (ex) to diphtheria.....	2	..	2	..	2	..	..	..	..
Total patients.....	8	43	157	811	165	854	155	634	3	179	3	45
Accompanying.....	3	..	59	21	62	21	54	15	..	..	8	6
Total, all ages.....	54	..	1,048	..	1,102	..	858	..	182	..	62	..

Average daily attendance—

Patients.....	68.35
Help, hospital.....	61.93
Help, steamboat.....	5.00
Help, launch.....	1.00
Total.....	136.28
Number of dead bodies received.....	89
Number of trips by Steamboat "Franklin Edson".....	705

REPORT OF PATIENTS TREATED AT KINGSTON AVENUE HOSPITAL, BOROUGH OF BROOKLYN,
FOR THE YEAR ENDING DECEMBER 31, 1898.

Scarlet Fever.

	H. D.	P. I.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining December 31, 1897.....	9	3	9	3	12	..	11	1	12
Admitted.....	47	113	103	57	158	2	145	15	160
Total treated.....	56	116	112	60	170	2	156	16	172
Discharged.....	51	97	95	53	146	2	134	16	148
Died.....	3	6	5	4	9	..	9	..	9
Remaining December 31, 1898.....	2	13	12	3	15	..	15	..	15

Mortality, 3.74 per cent.

Diphtheria.

Remaining December 31, 1897.....	4	1	4	1	5	..	5	..	5
Admitted.....	119	78	120	107	221	6	199	28	227
Total treated.....	153	79	124	108	226	6	204	28	232
Discharged.....	118	68	97	89	182	4	161	25	186
Died.....	26	5	18	13	31	..	31	..	31
Remaining December 31, 1898.....	9	6	9	6	13	2	12	3	15

Mortality 11¼ per cent.

Scarlatina with Diphtheria.

Remaining December 31, 1897.....	1	..	1	..	1	..	1	..	1
Admitted.....	10	13	20	3	23	..	23	..	23
Total treated.....	11	13	21	3	24	..	24	..	24
Discharged.....	7	11	16	2	18	..	18	..	18
Died.....	3	2	4	1	5	..	5	..	5
Remaining December 31, 1898.....	1	..	1	..	1	..	1	..	1

Mortality, 17.18 per cent.

Measles.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	23	84	64	43	105	2	95	12	107
Total treated.....	23	84	64	43	105	2	95	12	107
Discharged.....	23	78	59	42	101	..	89	12	101
Died.....	..	4	4	..	4	..	4	..	4
Remaining December 31, 1898.....	..	2	1	1	2	2	2	..	2

Mortality, 5.39 per cent.

Leprosy.

Remaining December 31, 1897.....	1	..	1	..	1	..	1	..	1
Admitted.....	..	..	..	..	..	..	..	..	..
Total treated.....	1	..	1	..	1	..	1	..	1
Discharged.....	..	..	..	..	..	..	..	..	..
Died.....	1	..	1	..	1	..	1	..	1
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality 100 per cent.

Pertussis.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	..	9	5	4	9	..	9	..	9
Total treated.....	..	9	5	4	9	..	9	..	9
Discharged.....	..	9	5	4	9	..	9	..	9
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Varicella.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	2	2	..	4	4	..	3	1	4
Total treated.....	2	2	..	4	4	..	3	1	4
Discharged.....	2	2	..	4	4	..	4	1	4
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Rotheb.

	H. D.	P. I.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining December 31, 1897.....
Admitted.....	..	1	..	1	1	..	1	..	1
Total treated.....	..	1	..	1	1	..	1	..	1
Discharged.....	..	1	..	1	1	..	1	..	1
Died.....
Remaining December 31, 1898.....

Mortality, 0 per cent.

Mumps.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	1	..	1	..	..	1	1
Total treated.....	1	..	1	..	1	..	..	1	1
Discharged.....	1	..	1	..	1	..	..	1	1
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Tonsillitis.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	14	20	14	20	34	..	26	8	34
Total treated.....	14	20	14	20	34	..	26	8	34
Discharged.....	14	20	14	20	34	..	26	8	34
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Cellulitis.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	..	1	1	..	1	..	1	..	1
Total treated.....	..	1	1	..	1	..	1	..	1
Discharged.....	..	1	1	..	1	..	1	..	1
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Erysipelas.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	7	7	13	1	14	..	6	8	14
Total treated.....	7	7	13	1	14	..	6	8	14
Discharged.....	7	7	13	1	14	..	6	8	14
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Malaria.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	1	..	1	..	1	..	1
Total treated.....	1	..	1	..	1	..	1	..	1
Discharged.....	1	..	1	..	1	..	1	..	1
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Dysentery.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	1	..	1	..	1	..	1
Total treated.....	1	..	1	..	1	..	1	..	1
Discharged.....	1	..	1	..	1	..	1	..	1
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Malaria With Tuberculosis.

Remaining December 31, 1897.....	..	..	..	..	..	..	..	..	..
Admitted.....	1	..	..	1	1	..	..	1	1
Total treated.....	1	..	..	1	1	..	..	1	1
Discharged.....	1	..	..	1	1	..	..	1	1
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

Persons Accompanying Patients.

	H. D.	P. I.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining December 31, 1897.....	3	..	..	3	3	..	3	..	3
Admitted.....	26	19	1	44	45	..	23	22	45
Total treated.....	29	19	1	47	48	..	26	22	48
Discharged.....	28	19	1	45	47	..	25	22	47
Died.....	..	..	..	..	..	..	..	..	..
Remaining December 31, 1898.....	..	..	..	..	..	..	..	..	..

Mortality, o per cent.

	REMAINING DECEMBER 31, 1897.		1898, ADMITTED.		TOTAL TREATED.		DISCHARGED.		DIED.		REMAINING DECEMBER 31, 1898.	
	Adults.	Minors.	Adults.	Minors.	Adults.	Minors.	Adults.	Minors.	Adults.	Minors.	Adults.	Minors.
Diphtheria.....	1	4	37	190	38	194	38	148	..	31	..	15
Scarletina.....	3	9	22	138	25	147	24	124	1	8	..	15
Scarletina with diphtheria.....	..	1	..	23	..	24	..	18	..	5	..	1
Measles.....	..	..	18	89	18	89	15	86	1	3	2	..
Tonsillitis.....	..	..	15	19	15	19	15	19	..	..	..	..
Varicella.....	..	..	2	2	2	2	2	2	..	..	..	..
Erysipelas.....	..	..	14	..	14	..	14	..	..	..	..	..
Periussis.....	..	..	9	..	9	..	9	..	..	..	..	..
Malaria.....	..	..	1	..	1	..	1	..	..	..	..	..
Dysentery.....	..	..	1	..	1	..	1	..	..	..	..	..
Mumps.....	..	..	..	1	..	1	..	1	..	..	..	..
Leprosy.....	1	..	..	..	1	..	..	1	..	..	..	..
Rotheln.....	..	..	..	1	..	1	..	1	..	..	..	..
Malaria with tuberculosis.....	..	..	1	..	1	..	1	..	..	..	..	..
Cellulitis.....	..	..	1	..	1	..	1	..	..	..	..	..
Total patients.....	5	14	121	463	126	477	121	399	3	47	2	31
Accompanying.....	3	..	43	2	46	2	45	2	..	..	1	..
Total.....	22	..	629	..	651	..	567	..	50	..	34	..

Mortality, 8 1/4 per cent.

Respectfully submitted,
CHAS. F. ROBERTS, M. D., Sanitary Superintendent.

DEPARTMENT OF HEALTH, CITY OF NEW YORK.

EMMONS CLARK, Secretary.

SIR—I have the honor to submit the following report of the Bureau of Records for the year 1898:

ORGANIZATION.

Under the provisions of the new Charter, consolidating various towns and cities into one, the organization of the Bureau of Records was changed from a single bureau, with a Register and Deputy Register, to a composite one, with an Assistant Registrar and a branch office in each of the five boroughs into which the city was divided, and a Registrar having general jurisdiction over them all. The office of the Registrar is in the Borough of Manhattan, and in that office are consolidated and prepared for publication the papers and reports of the five boroughs.

The City of New York, as it existed before January 1, 1898, was divided by the act of consolidation into the Borough of Manhattan and the Borough of The Bronx. The City of Brooklyn is the Borough of Brooklyn, several towns and villages of Queens County form the Borough of Queens, and Richmond County (comprising the whole of Staten Island) the Borough of Richmond.

Assistant Registrars were appointed by the Board of Health as follows:

BOROUGH.	NAME.	DATE OF APPOINTMENT.
Manhattan.....	Thomas C. Taylor, M. D.....	Jan. 6, 1898
The Bronx.....	Arthur J. O'Leary, M. D.....	" 6, "
Brooklyn.....	Sylvester J. Byrne, M. D.....	Mar. 8, "
Queens.....	Frank Wickham, M. D.....	" 2, "
Richmond.....	J. Walter Wood, M. D.....	Jan. 6, "

The offices of the Bureau of Records in the cities of New York and Brooklyn had been organized for more than thirty years, and being already in efficient working order, continued to act under the new conditions with scarcely perceptible difficulty or friction. But in the boroughs of Queens and Richmond the organization of the numerous local offices had been less systematized, and more or less trouble resulted.

In the territory comprised within the limits of the Borough of Queens there were, at the time of the consolidation, the following local boards:

Board of Health of Long Island City.

" " Newtown.

" " the Town of Flushing.

" " the Village of Flushing.

" " the Village of Whitestone.

" " the Village of College Point.

" " the Town of Jamaica.

" " the Village of Jamaica.

" " the Town of Hempstead.

" " the Village of Rockaway Beach.

" " the Village of Far Rockaway.

" " the Village of Arverne.

In the Borough of Richmond there were the following local boards:

Board of Health of the Village of New Brighton.

" " Village of Port Richmond.

" " Village of Edgewater.

" " Village of Tottenville.

" " Town of Northfield.

" " Town of Middletown.

" " Town of Westfield.

" " Town of Southfield.

These various local boards were constituted under the laws of the State and acted independently of one another. Numerous controversies arose between them on account of the imperfect delimitation of the boundaries of their respective jurisdiction.

The records of many of these local boards were very imperfectly kept, and when the Assistant Registrars took charge of the borough offices they met with great difficulty in obtaining possession of the papers. Some of the old officers, without a shadow of legal right, continued to issue permits for burial after their terms had expired, many physicians and midwives were recalcitrant

when the more rigid methods of the new officers were forced upon their attention, and it was several months before difficulties of this character were smoothed over or eradicated in these two boroughs. One deplorable result has been that many of the records of births, deaths and marriages that, in the prevailing confusion, had been reported to the former officers, did not come into the possession of the Assistant Registrars until their reports for the first quarter of the year had already been published. These will be found, therefore, many discrepancies between the annual reports of the boroughs of Queens and Richmond and their quarterly reports, especially early in the year. There are difficulties, inherent to the scheme of consolidation, which had been foreseen and could not have been avoided.

As this report covers the first year of registration in the greater city, all accurate comparisons with previous years must be made by boroughs.

GENERAL STATISTICS.

The total number of marriages reported during the year was 28,885, making a marriage rate of 8.40, and a rate per person married of 16.80, of births 78,928, giving a birth rate of 22.95, and of deaths 66,294, making a death rate of 19.28, the population for the middle of the year being estimated at 3,438,899.

Population.

The population was estimated by the geometrical method, using the United States Census of 1880 and the Police Census of 1895 in calculating the population of the old City of New York (boroughs of Manhattan and The Bronx), the New York State Census of 1892 and the estimate of the Board of Health for January 1, 1898, for Brooklyn, and the United States Census of 1880 and 1890 for the boroughs of Queens and Richmond. In the Borough of Queens, as only a portion of the town of Hempstead was included in the greater city, the estimates of population had to be based upon the registered vote, and was taken as 8,000 in 1896. These estimates gave a mean population for the year as follows:

Borough of Manhattan.....	1,911,755
" " The Bronx.....	137,075
" " Brooklyn.....	1,197,100
" " Queens.....	128,042
" " Richmond.....	64,927
Total.....	3,438,899

The number of deaths and the death-rates for the city and the various boroughs were as follows:

BOROUGH.	TOTAL DEATHS.	DEATH-RATE.
Manhattan.....	36,687	19.19
The Bronx.....	3,751	27.36
Brooklyn.....	21,989	18.37
Queens.....	2,561	20.00
Richmond.....	1,306	20.11
Total.....	66,294	19.28

The death-rate in the Borough of The Bronx is noticeably high. This is due to two things. In the first place, the number of deaths is larger than ought to be properly charged to this borough, because it is the location of several large institutions, which receive the greater portion of their inmates from the Borough of Manhattan, notably St. Joseph's Hospital and Seton Sanitarium, where consumptives are cared for. In the second place, the estimate of the population of the borough is probably too small, as the proportion of the entire population of the former City of New York assigned to this borough was assumed to be the same as in the census of 1895, whereas there is much evidence to the effect that the growth of this borough has been much more rapid than that of the older Manhattan.

If the deaths of non-residents, for these reasons, be eliminated, the total number of deaths in the Borough of The Bronx would be 3,321, and in the Borough of Manhattan 37,117. If also the population of the boroughs of The Bronx and Manhattan be estimated separately, on the basis of the United States Census of 1880 and the Police Census of 1895, the respective populations, deaths and death-rates would then be as follows:

BOROUGH.	POPULATION.	DEATHS.	DEATH RATE.
Manhattan.....	1,901,332	37,117	19.52
The Bronx.....	153,376	3,321	21.65

Even with these allowances, the death rate in the Borough of the Bronx seems comparatively high for a suburban community, but for its correction a new census must be awaited.

Causes of Death.

The data are lacking for a true comparison of the mortality of the present City of New York for 1898 with that of the same territory in 1897, for the reasons already given, viz., the imperfection of the records in the boroughs of Queens and Richmond, and the impossibility of ascertaining the number and causes of the deaths in the Fifth Ward of the Borough of Queens, formerly a part of the town of Hempstead. The following comparative statement, however, imperfect as it is for the year 1897, will be found to be not devoid of interest.

The statistics for 1897 were compiled from the monthly reports of the State Board of Health, and the number of deaths falls short of the true total—how much it is impossible to tell.

CAUSE OF DEATH.	1897.	1898.	INCREASE, 1898.	DECREASE, 1898.
Cerebro-spinal meningitis.....	325	357	32	..
Typhoid fever.....	491	676	185	..
Malarial fevers.....	251	250	..	1
Smallpox.....	27	1	..	26
Scarlet fever.....	710	703	..	7
Measles.....	608	651	43	..
Erysipelas.....	179	148	..	31
Whooping cough.....	489	716	227	..
Diphtheria and croup.....	2,743	1,778	..	965
Diarrhoeal diseases.....	4,378	4,848	470	..
Acute respiratory diseases.....	9,235	10,017	782	..
Phthisis.....	7,306	7,724	418	..
Puerperal diseases.....	506	568	62	..
Digestive diseases.....	4,873	5,998	1,125	..
Urinary diseases.....	4,396	5,027	631	..
Circulatory diseases.....	4,947	4,450	..	497
Nervous diseases.....	4,779	5,820	1,041	..
Cancer.....	1,863	2,006	143	..
Violence.....	3,421	3,677	256	..
Old age.....	1,030	1,160	130	..
All other causes.....	10,297	9,719	..	578
Total deaths.....	62,854	66,294	3,440	2,105
Balance.....	3,440	3,440	..	..

Notwithstanding the fact that the figures for 1897 are considerably less than the true figures (the total for the Borough of Richmond, for instance, being only 891 for 1897, against 1,306 in 1898), it is noticeable that the diseases usually considered most amenable to sanitary control and most indicative of good sanitary condition have tended to diminish in frequency. There was one slight increase of 43 in the deaths from measles, a disease notoriously difficult to control, but not very fatal, and of 227 in whooping cough, which at present it is not attempted to control. The most significant increase was that of 185 in the deaths from typhoid fever. This increase was largely, if not wholly, due to the war. So far as possible, a separate account was kept of the deaths of returned soldiers, but very frequently the fact that the man had been a soldier was not mentioned in the certificate of death, the previous occupation and home residence alone being given. In a certain proportion of such cases, the deceased was ascertained to have been a soldier in other ways, such as the mention of the death in the newspapers, reports of typhoid fever cases before death from the hospitals, etc. All such were added to the number obtained from the certificates of death, and the whole number thus obtained of returned soldiers who died of typhoid fever in this city was 114. It is extremely probable that a large part, if not all, of the remaining 71 were directly or indirectly caused by the war, for the tendency has been toward a decrease of the disease in recent years.

There was an increase of 470 in the deaths from diarrhoeal diseases, which was probably due to the prolonged high temperature of the summer months. This will be discussed more at length below.

Deaths in the Boroughs of Manhattan, The Bronx and Brooklyn.

In these boroughs alone, comprising the former cities of New York and Brooklyn, can a fair comparison be made between the mortality of 1897 and 1898.

There was an increase of about 4 per cent. in the deaths in the Boroughs of Manhattan and The Bronx, and of more than 6½ per cent. in the Borough of Brooklyn. Before inquiring into the detailed causes of this increase, it is well to consider that some increase in the mortality was to be expected as a natural result of the excessive mortality in the years 1890-1896, when influenza prevailed. Every epidemic which proves fatal to a great many persons is followed after it has spent its force by a longer or shorter period of greatly lessened mortality, which may even fall far below the normal. This is chiefly because the feeble elements of the population, whether weakened by disease, old age, unhygienic modes of living, or what not, are partly weeded out by the prevailing epidemic, leaving a population containing a much larger proportion than normal of what may be called selected lives, so that the vital energy of the community, as a mass, is greater. Some effect may also be granted to the generally greater attention paid to personal hygiene on the part of many, as a result of their apprehensions during the progress of the epidemic.

Now these effects of the influenza epidemics, exhibited in a lower mortality, began about the middle of 1896, and ended about the middle of 1898, making two years of unusually low mortality. This is made evident by the following table of deaths by months, in the boroughs of Manhattan and The Bronx for four years:

MONTH.	TOTAL NUMBER OF DEATHS.			
	1895.	1896.	1897.	1898.
January.....	4,192	3,657	3,182	3,172
February.....	3,643	3,377	3,129	3,029
March.....	3,894	3,913	3,608	3,376
April.....	3,820	3,912	3,318	3,310
May.....	3,479	3,454	3,158	3,227
June.....	3,347	3,281	3,074	2,998
July.....	4,460	4,214	4,202	3,941
August.....	3,965	4,497	3,333	3,784
September.....	3,326	3,059	3,110	3,822
October.....	3,175	2,893	3,088	3,160
November.....	2,935	2,574	2,730	2,920
December.....	3,283	2,819	3,053	3,699
Total.....	43,420	41,622	38,877	40,438

It will be seen that, although there was a considerable difference between the number of deaths in the first two months of 1895 and 1896, owing to the prevalence of influenza in the former year, the real continuous decline began in May, 1896, and lasted—the mortality in each month being less than for the corresponding month of the previous year—until August, 1898, the only interruptions of this downward tendency being in August, 1896, when the mortality was increased by the extraordinary temperature of one week, in which there were 671 deaths by sunstroke alone, and during the last four months of 1897, when there was a slight recurrence of influenza.

During the first seven months of 1898, the number of deaths in the boroughs of Manhattan and The Bronx was 478 less than during the corresponding months of 1897, but during the last five months of the year the excess of deaths in 1898 amounted to 2,039, making an excess for the entire year of 1,561. This increase was due to three causes, which are clearly indicated by the statistics given in the following table:

CAUSE OF DEATH.	AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
Typhoid fever.....	40	53	32	95	40	51	28	42	44	31
Diarrhoeal diseases.....	505	712	347	512	155	175	62	45	34	35
Heart diseases.....	177	180	173	201	197	237	172	244	212	291
Pneumonia.....	236	244	259	309	318	376	353	467	451	712
Diseases of digestive organs.....	331	486	335	433	217	294	185	176	202	190
Bright's disease and nephritis.....	288	220	169	207	189	211	203	242	210	272
Accidents.....	172	191	190	394	140	127	136	115	106	132

A summary of this table gives the following results:

CAUSE OF DEATH.	TOTAL DEATHS.		EXCESS IN 1898.
	1897.	1898.	
Typhoid fever.....	184	284	100
Diarrhoeal diseases.....	1,103	1,479	376
Heart diseases.....	936	1,153	217
Pneumonia.....	1,657	2,108	451
Diseases of digestive organs.....	1,300	1,579	249
Bright's disease and nephritis.....	959	1,152	193
Accidents.....	744	959	215
	6,913	8,714	1,801

Now it will be seen at a glance that the excess of deaths from typhoid fever, diarrhoeal diseases, diseases of the digestive organs and accident occurred mostly during August and September, viz.: 868 out of a total excess from those diseases of 940. The excess of typhoid fever, as explained before, was mainly due to the war, the deaths of returned soldiers from this disease in August and September having been certainly 42, and probably many more, out of a total excess of 80.

The excess of deaths in August and September for the other causes mentioned was directly or indirectly due to a prolonged period of high temperature and excessive humidity. From June 18 to September 10, a period of twelve weeks, there was only one week in which there was not at least one day with a temperature of 90 degrees or more, and only two weeks in which the humidity fell below 75. On twenty days, out of eighty-four, the temperature rose to 90 degrees

or more, and on one day, July 3, to 100 degrees. A striking illustration of the effect of such weather upon the health of the community is given by the excess of deaths from sunstroke, which is classed among accidents and more than accounts for the total excess of accidental deaths. The total number of deaths by sunstroke during August and September was 8 in 1897 against 286 in 1898. Moreover, additional evidence is given to the unusual character of the weather by the fact that, of the excess, 44 were in August and 234 in September, which is generally a comfortable month.

The excess due to the other causes, viz.: heart disease, pneumonia and Bright's disease, was mostly during November and December, the excess for those months being 627 out of the total of 861. This was due to a recrudescence of the influenza, which, besides a great increase of deaths from pneumonia, one of its direct sequelae, always brings about indirectly a great increase of mortality among persons affected with diseases of the heart and kidneys. This disease, after a long disappearance from the mortality list, reappeared in November and increased in severity until during the last week of the year it was responsible for 126 deaths in the entire City of New York, and 81 in the Borough of Manhattan alone.

As the three reasons given above for the increased mortality for the year in the boroughs of Manhattan and The Bronx, viz.: the war, the unusual weather and the return of the influenza, apply equally to all the boroughs, they are sufficient to account for the increased mortality of the entire city. It will be of interest, however, to compare the general mortality of 1897 and 1898 in the boroughs of Manhattan, The Bronx and Brooklyn, where alone the records of previous years are sufficiently accurate for the purpose.

The following table includes all causes to which 200 or more deaths were due in the boroughs of Manhattan and The Bronx in 1898:

CAUSE OF DEATH.	MANHATTAN AND THE BRONX.				BROOKLYN.			
	1897.	1898.	Increase.	Decrease.	1897.	1898.	Increase.	Decrease.
Measles.....	391	446	55	..	190	194	4	..
Scarlet fever.....	500	523	23	..	187	159	..	28
Diphtheria and croup.....	1,597	923	..	674	998	745	..	253
Whooping cough.....	308	442	134	..	164	234	70	..
Typhoid fever.....	299	376	77	..	172	270	98	..
Influenza.....	196	268	72	..	170	118	..	52
Cerebro-spinal meningitis.....	232	258	26	..	73	82	9	..
Diarrhoeal diseases.....	2,515	2,802	287	..	1,528	1,749	221	..
Cancer.....	1,217	1,260	43	..	561	632	71	..
Phthisis.....	4,843	4,957	114	..	2,155	2,394	239	..
Other tubercular diseases.....	948	944	..	4	423	536	113	..
Diabetes.....	202	238	36	..	70	96	26	..
Congenital debility.....	1,281	1,258	..	23	711	614	..	97
Old age.....	548	685	137	..	378	380	2	..
Diseases of the nervous system.....	3,344	3,155	..	189	2,132	2,137	5	..
Heart diseases.....	2,316	2,379	33	..	1,243	1,457	214	..
Bronchitis.....	1,309	1,404	95	..	800	805	5	..
Pneumonia.....	4,621	5,301	680	..	2,223	2,384	161	..
Diseases of digestive organs.....	3,057	3,384	327	..	1,624	2,234	610	..
Bright's disease and nephritis.....	2,499	2,961	462	..	1,420	1,503	83	..
Puerperal diseases.....	493	376	..	27	194	164	..	30
Accidents.....	1,782	1,860	78	..	595	781	216	..
Suicides.....	436	463	27	..	195	189	..	6
Marasmus, etc.....	1,374	1,266	..	108	697	727	30	..
All other causes.....	2,679	2,509	..	170	1,720	1,405	..	315
Total.....	38,877	40,438	2,561	1,145	20,503	21,980	2,177	781
Balance.....	1,561	1,561	..	..	1,396	1,396	..	..

In this table, a few items call for attentive consideration. In the first place, although the total number of deaths in Brooklyn was only a little more than half of the total for Manhattan and The Bronx, the excess of mortality in 1898 over 1897 was almost as large in the former borough as in the latter, viz.: 1,396 against 1,561, indicating a much greater increase in Brooklyn than in the other two boroughs. In examining the table for the items showing this increase, we find it to be chiefly in diseases of the digestive organs, tuberculosis, heart diseases and accidental deaths, the increase for the first two classes of disease alone being almost as large as the total excess of the Brooklyn increase over Manhattan and The Bronx, that is to say: the total number of deaths for Manhattan and The Bronx in 1898 was four per cent. greater than in 1897, and the same ratio of increase for Brooklyn would have given a total excess of 824, as against the actual excess of 1,396. The increase for the year in Brooklyn, therefore, was proportionately 572 larger than the increase in the other two boroughs. Now, 502 of this 572 is accounted for by the excess of increase in Brooklyn in diseases of the digestive organs and tuberculous diseases alone, which would certainly indicate some defect in the food supply, especially the milk supply of that city. This surmise is further supported by the fact that while the increase in the number of deaths of children under five years of age in the boroughs of Manhattan and The Bronx was only 196 (15,591 against 15,395), the increase in Brooklyn was 212 (8,448 against 8,236).

Contagious Diseases.

In the entire city there has been a notable decrease in the deaths from this class of diseases. In every one of those most amenable to sanitary control, there has been a decrease, excepting typhoid fever, the increase of which has been discussed elsewhere. The only other increases were one of 32 in cerebro-spinal meningitis and of 43 in measles, a disease which spreads with such facility that its limitation is extremely difficult with our present methods. There was a decrease of 26 in smallpox, of 7 in erysipelas and of 955 in diphtheria and croup, the total in 1898 being 1,778 against 2,743 in 1897. Two-thirds of this decrease, or 674, was in the boroughs of Manhattan and The Bronx, in which the total number of deaths was only 923 against 1,597 in 1897, being the lowest mortality since 1871, when there were 704. There was an increase of 227 in the deaths from whooping cough, which no attempt is made to control.

Infant Mortality.

There was a slight increase in the mortality of children under five years of age, the total for the entire city being 25,499 in 1898, against an approximate total of 25,015 in 1897, an increase of less than two per cent. The total for the year, by boroughs, with the percentage of such deaths on the total number of deaths is given in the following table:

BOROUGH.	DEATHS OF CHILDREN UNDER 5 YEARS OF AGE.	TOTAL DEATHS.	PERCENTAGE OF INFANT DEATHS ON TOTAL.
Manhattan.....	14,327	36,687	39.05
The Bronx.....	1,264	3,751	33.70
Brooklyn.....	8,448	21,989	38.40
Queens.....	1,026	2,561	40.06
Richmond.....	434	1,306	33.23
City of New York.....	25,499	66,294	38.46

The proper infant death rate for the City, i. e., the proportion of deaths to population of the same ages, cannot be determined until a census of the City has been taken.

Accidental Deaths.

There were 2,861 deaths by accident during the year. Of this number, 549 were sunstrokes, leaving a total of 2,312 of what are usually understood as deaths by accident. Of these 217 were caused by railroads of different kinds, and 150 by other street vehicles. Of the railroad accidents, 20 were by cable cars, mostly in Manhattan, 21 on elevated roads, 11 in Manhattan and 10 in Brooklyn, 17 by horse cars, all in Manhattan and The Bronx, 72 by trolley cars, 23 of which were in Manhattan and 43 in Brooklyn, and 83 on so-called steam railroads, of which the greatest number was in Queens, viz.: 25, with 22 in Manhattan, 17 in The Bronx, 14 in Brooklyn and 5 in Richmond.

Among the less common accidents there were 13 deaths by bicycles, 10 by the electric current, 1 in Queens struck by lightning and 2 cases of promaine poisoning, 1 in Manhattan and 1 in Brooklyn. There were 90 accidental deaths by illuminating gas.

Suicides.

There were 695 suicides during the year, of which 225, nearly one-third, were Germans, and 250 were born in the United States—509 were males, and only 186 females. The favorite means of leaving this world was carbolic acid, the use of which for this purpose has increased of late years surprisingly. 230 persons, just about one-third of the whole, used this method, of whom 133 were males and 97 females. 170 used other forms of poison, the favorite being illuminating gas, which killed 97—63 males and 34 females. 164 persons shot themselves—157 males and 7 females—the usual preponderance of males for this method of dying. 76 hung themselves—71 males and 5 females. Drowning, which was once a favorite way of dying, was resorted to by only 8—6 males and 2 females.

Births.

There were 78,928 births reported during the year, of which 40,370 were males and 38,558 were females, a proportion of 1.047 boys to one girl, which is about the usual proportion in this city. 43,471 were reported by physicians and 35,457 by midwives, the former being about 55 per cent. and the latter a little less than 45 per cent. of the total number. 1,249 were reported as illegitimate, about 1 1/2 per cent. of all. There were 576 pairs of twins, about 1 in every 137 births. The birth-rate was 22.95 per 1,000 of the population, ranging from 26.01 in the Borough of Manhattan to 17.87 in the Borough of Brooklyn. This is much below the true rate, there being no adequate method as yet of compelling full returns.

Marriages.

The total number of marriages reported was 28,885, which is believed to be not far from the true total, although the method of collecting these reports is quite as defective as in the case of births. The rate per 1,000 of the population was 8.40 marriages, or 16.80 persons married, i. e., about 1 in 60. The marriage rate varied from 10.53 in Manhattan to 4.75 in the Bronx.

Searches and Transcripts.

The searches of birth, marriage and death records for the year numbered 21,124, and there were 18,735 transcripts issued.

Respectfully submitted,

ROGER S. TRACY, M. D., Registrar of Records.

APRIL 20, 1899.

REPORT OF BUREAU OF RECORDS.
For Year ending December 31, 1898.

	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	*The Bronx.	Brooklyn.	Queens.	Richmond.	
Number of deaths.....	36,687	3,751	21,989	2,561	1,306	66,294
Death rate.....	19.19	27.36	18.37	20.00	20.11	19.28

* 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, July 1, 1898.	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.....	1,941,755	20,118	49,835	36,628	3,263	10.33	26.08	19.16	1.68	715	4,770	15,345	13,193
The Bronx.....	137,075	651	3,524	3,742	262	4.75	25.71	27.22	1.93	13	407	416	510
Brooklyn.....	1,197,100	7,129	21,395	21,856	1,888	5.96	17.87	18.26	1.58	266	2,756	4,893	4,560
Queens.....	128,042	636	2,826	2,561	200	4.97	22.07	20.00	1.56	...	503	311	342
Richmond.....	64,927	351	1,348	1,306	85	5.41	20.76	20.11	1.31	...	195	129	130
City of New York.....	3,438,899	28,885	78,928	66,093	5,638	8.40	22.95	19.22	1.64	994	8,631	21,124	18,735

	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Actual number of deaths in institutions.....	9,097	1,165	3,318	161	303	14,944
Actual number of deaths in tenements.....	22,893	1,314	11,475	543	130	36,355
Actual number of deaths in dwellings.....	2,628	1,199	6,804	1,779	779	13,209
Actual number of deaths in hotels and boarding-houses.....	501	11	1,000	23	11	686
Actual number of deaths in streets, rivers, etc.....	668	64	262	25	83	1,102

* Particulars Regarding Births, Deaths, Marriages and Still-births Reported During Year ending December 31, 1898.

BOROUGH OF MANHATTAN.

	TOTAL.	WHITE.		COLORED.		NATIVE PARENTS.		FOREIGN PARENTS.		PARENTAGE OF MIXED NATIVITIES.		PARENTAGE UNKNOWN OR NOT STATED.		SINGLE.		MARRIED.		WIDOWED.		NOT STATED.		MONTH OF UTERO-GESTATION.												
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	1	2	3	4	5	6	7	8	9	10	Not Stated.		
Marriages.....	20,118	19,617	19,632	501	486	....	....	....	....	....	....	....	....	17,733	18,166	....	....	2,385	1,952	..	..											
Births.....	49,835	25,145	23,939	364	387	5,719	5,647	16,185	15,309	3,229	3,056	346	314	....	....	....	....	....	....	..	..					
Deaths.....	36,628	19,188	16,395	525	520	3,350	3,075	11,776	10,454	2,109	1,861	2,473	1,525	11,855	9,095	5,735	4,495	1,737	3,250	386	75													
Still-births.	3,203	1,758	1,311	56	43	449	366	1,033	736	214	163	118	89													

BOROUGH OF THE BRONX.

Marriages.....	651	646	647	5	4	57.3	589	78	62																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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BOROUGH OF BROOKLYN.

Marriages.....	7,129	6,932	6,933	197	195	6,171	6,372	958	757										
Births.....	21,395	10,872	10,232	134	157	4,025	3,818	4,834	4,440	2,102	2,057	45	44										
Deaths.....	21,856	11,275	10,105	207	269	3,031	2,800	6,295	5,664	1,286	1,204	870	705	6,823	5,436	3,456	2,695	1,100	2,203	103	40										
Still-births.....	1,883	1,079	748	35	23	440	301	433	313	177	130	64	27	3	18	52	102	228	781	314	847	12	31

BOROUGH OF QUEENS.

Marriages.....	636	624	624	12	12	534	550	80	84	2	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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BOROUGH OF RICHMOND.

Marriages.....	351	340	340	11	11	308	326	43	23
Births.....	1,348	688	639	10	11	312	315	234	183	151	152	1
Deaths.....	1,306	748	525	19	14	209	181	288	251	67	58	203	49	369	262	215	146	91	130	89	1	..	..	..	..	..
Still-births.....	85	41	43	..	1	18	18	17	18	6	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

CITY OF NEW YORK.

*Marriages.....	28,885	28,150	28,176	726	709	....	....	....	....	....	....	....	....	25,339	26,003	....	....	3,514	2,880	2	2	..	..	..	..	..
*Births.....	78,928	39,833	37,959	537	599	11,318	11,142	22,557	21,224	6,088	5,828	407	364	....	....	....	....	....	....	....	....	....	....	....	....	....
Deaths.....	66,093	34,557	29,841	821	874	7,363	6,773	20,263	17,990	3,884	3,490	3,868	2,462	21,091	19,258	10,429	8,131	3,233	6,161	625	125	..	..	..	..	..
*Still-births.....	5,638	3,142	2,285	95	71	1,024	759	1,584	1,143	436	331	193	124	....	....	....	....	....	....	....	....	....	....	....	....	....

* The Returns of Births, Marriages and Still-births are incomplete.

† Sex undetermined, 35.

‡ Sex undetermined, 6.

§ Sex undetermined, 3.

|| Sex undetermined, 44.

Deaths of Males by Age, Color and Cause of Death in The City of New York, with Total of Both Sexes, for Year ending December 31, 1898.

CAUSE OF DEATH.	Total, Both Sexes.	All ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
I.—SPECIFIC FEBRILE (ZYMOTIC) DISEASES.																				
Miasmatic.																				
Small pox.....	1	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Chicken pox.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles.....	651	344	110	142	50	17	9	328	15	..	..	..	1	..	..	..	..	..	..	5
Scarlet fever.....	703	351	23	63	71	69	28	254	82	8	1	1	5	..	..	..	..	..	..	3
Diphtheria.....	1,459	744	58	189	129	100	86	562	147	17	2	4	7	..	3	1	1	..	..	7
Mumps.....	7	5	4	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..	..
Whooping cough.....	716	321	179	92	28	7	10	316	5	..	..	..	..	..	..	..	..	..	..	10
Fever, typhoid.....	676	456	..	3	1	4	4	12	17	22	45	125	132	55	27	14	6	1	..	9
Fever, yellow.....	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Fever, typhus.....	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Fever, influenza.....	393	147	13	2	..	2	1	18	6	1	6	4	16	19	18	16	24	15	4	5
Fever, cerebro-spinal.....	357	201	62	35	21	11	8	137	22	6	5	11	7	6	4	3	..	..	..	10
Total miasmatic diseases.....	4,966	2,572	449	527	300	210	146	1,632	295	54	59	145	169	80	52	34	32	16	4	49
Diarrheal.																				
Cholera Morbus.....	85	46	12	2	..	..	..	14	2	..	..	1	2	6	9	4	5	3	..	1
Cholera infantum.....	2,149	1,089	894	171	17	6	1	1,089	..	..	..	..	..	..	..	..	..	..	..	31
Diarrhea, enterocolitis.....	2,246	1,202	895	169	30	13	5	1,112	8	2	2	3	15	7	13	11	13	13	3	37
Dysentery.....	368	174	45	19	11	8	1	84	16	6	3	5	11	4	12	15	12	5	1	..
Total diarrheal diseases.....	4,848	2,511	1,846	361	58	27	7	2,299	26	8	5	9	28	17	34	30	30	21	4	69
Malarial fevers.....																				
	250	129	14	7	3	4	3	31	7	3	9	11	13	19	11	10	6	7	2	5
Zoögenous.																				
Hydrophobia.....	8	4	..	..	..	..	1	1	2	..	..	1	..	..	..	..	..	..	..	..
Malignant pustule.....	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Total zoögenous diseases.....	9	5	..	..	..	..	1	1	2	..	..	1	..	..	1	..	..	..	..	..
Syphilis.....																				
	157	92	58	2	2	..	..	62	..	..	1	1	10	8	7	2	1	..	..	2
Septic.																				
Erysipelas.....	148	76	31	2	1	..	..	34	..	..	1	..	8	8	7	11	6	..	1	..
Pyæmia, septicæmia.....	102	49	8	1	1	1	..	11	..	2	2	2	4	6	13	3	5	1	..	..
Puerperal fever.....	230	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total septic diseases.....	480	125	39	3	2	1	..	45	..	2	3	2	12	14	20	14	11	1	1	..
Other zymotic diseases.....																				
	9	6	3	..	..	..	..	3	..	..	1	..	..	2	..	..	..	..	..	..
Total zymotic diseases.....	10,719	5,440	2,409	900	365	242	157	4,073	330	67	78	169	232	140	125	90	80	45	11	125
II.—PARASITIC DISEASES.																				
Aphthæ (thrush).....	7	3	2	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..
Trichinosis.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other parasitic diseases.....	2	2	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..
Total parasitic diseases.....	10	5	2	..	1	..	..	3	1	..	..	..	..	1	..	..	..	..	..	..
III.—DIETETIC DISEASES.																				
Starvation, want of breast milk.....	10	7	5	..	..	..	..	5	..	..	..	..	..	1	..	..	1	..	..	1
Scurvy.....	6	2	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Intemperance—Alcoholism.....	323	255	..	..	..	..	..	..	..	..	..	9	65	90	50	30	11	..	..	7
Chronic morphinism.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total dietetic diseases.....	340	264	7	..	..	..	..	7	..	..	..	9	65	91	50	30	12	..	..	8
IV.—CONSTITUTIONAL DISEASES.																				
Acute rheumatism (rheumatism of the heart).....	207	90	3	1	1	1	3	9	7	6	6	9	11	12	15	4	8	3	..	3
Rheumatism.....	71	28	..	..	..	..	..	..	..	1	..	1	1	2	2	7	13	1	..	1
Gout.....	6	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..
Rickets.....	61	28	16	11	..	..	1	28	..	..	..	..	..	..	..	..	..	..	..	2
Cancer.....	2,006	773	..	..	2	3	1	6	4	3	3	8	38	98	192	244	131	44	2	10
Tabes mesenterica.....	62	30	22	3	..	..	..	25	2	1	1	..	..	..	1	..	..	..	..	1
Tubercular meningitis.....	864	477	156	129	47	30	22	384	39	7	5	9	14	11	7	1	..	..	..	11
Phthisis.....	7,724	4,616	46	27	8	5	5	91	27	25	171	520	1,394	1,733	677	371	160	42	5	146
Other forms of tuberculosis, scrofula.....	580	322	48	35	7	5	3	98	12	8	21	31	54	43	24	19	9	2	1	11
Purpura, hæmophilia.....	49	31	15	..	3	..	1	19	1	..	..	1	3	4	..	..	1	..	2	1
Anæmia, chlorosis, leucocythæmia.....	112	40	4	1	1	2	1	9	1	..	..	2	6	6	6	3	7	..	..	..
Diabetes.....	345	153	..	..	..	..	1	1	..	4	3	5	17	15	21	42	34	10	1	1
Other constitutional diseases.....	12	8	1	..	..	..	3	4	..	..	..	..	..	1	1	1	1	..	..	..
Total constitutional diseases.....	12,099	6,599	311	207	69	46	41	674	93	55	210	586	1,538	1,325	947	693	365	102	11	187
V. DEVELOPMENTAL DISEASES.																				
Premature birth.....	1,327	740	740	..	..	..	..	740	..	..	..	..	..	..	..	..	..	..	..	17
Atelectasis.....	329	190	190	..	..	..	..	190	..	..	..	..	..	..	..	..	..	..	..	4
Cyanosis.....	107	66	66	..	..	..	..	66	..	..	..	..	..	..	..	..	..	..	..	3
Umbilical hemorrhage.....	45	11	11	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..	1
Spina bifida.....	54	33	32	..	1	..	..	33	..	..	..	..	..	..	..	..	..	..	..	..

CAUSE OF DEATH.	Total Both Sexes.	All ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
Imperforate anus.....	14	6	6	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..
Cleft palate, hare lip.....	19	11	10	1	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..
Other congenital defects.....	252	145	142	1	..	..	..	143	1	..	..	..	..	1	..	..	..	..	..	2
Old age.....	1,160	442	..	..	..	..	..	..	..	..	..	..	..	2	22	112	207	99	6	6
Total developmental diseases.....	3,277	1,644	1,197	2	1	..	..	1,200	1	..	..	..	..	3	22	112	207	99	33	33
VI. LOCAL DISEASES.																				
Diseases of Nervous System.																				
Meningitis, encephalitis.....	1,477	816	312	148	62	34	28	584	44	17	14	15	47	43	21	13	12	5	1	6
Chronic hydrocephalus.....	65	40	33	3	1	..	..	37	3	..	..	..	..	..	..	..	..	..	..	1
Apoplexy.....	2,361	1,195	3	..	2	..	..	5	5	..	7	5	46	113	199	308	316	156	29	15
Softening of brain.....	75	38	..	..	..	..	..	..	..	..	1	..	3	6	9	12	7	..	..	..
Hemiplegia, brain paralysis.....	239	107	..	..	..	..	..	..	1	..	1	..	4	7	22	27	29	14	2	2
Insanity, general paresis.....	303	186	..	..	..	..	..	..	..	..	4	1	19	71	45	25	10	11	..	1
Epilepsy.....	112	67	3	2	2	..	..	7	1	1	7	5	11	15	13	2	4	1	..	1
Convulsions.....	731	381	327	25	13	8	1	374	6	1	..	..	..	..	..	..	..	..	..	12
Congestion of brain.....	81	50	26	5	4	1	..	36	2	..	1	3	1	3	2	..	1	1	..	1
Laryngismus stridulus.....	21	10	5	1	1	1	..	8	1	..	..	..	..	..	..	1	..	..	..	..
Idiopathic tetanus, trismus.....	73	43	33	2	..	..	..	35	4	..	..	..	..	1	1	..	1	..	1	1
Paraplegia, myelitis.....	113	65	5	2	1	1	1	10	1	..	3	2	4	5	19	10	9	2	..	2
Locomotor ataxy.....	47	38	..	..	..	..	..	..	..	..	..	..	4	6	12	8	6	2	..	1
Other diseases nervous system.....	124	65	2	..	1	1	..	4	4	2	2	2	10	8	16	6	9	2	..	1
Total diseases nervous system.....	5,820	3,101	749	188	87	46	30	1,100	72	21	39	34	146	281	356	409	409	201	33	44
Diseases Organs Special Sense.																				
Otitis, otorrhea, mastoid abscess.....	93	62	17	7	2	1	1	28	..	9	1	7	4	3	8	1	1	..	..	2
Other diseases, eye, ear and nose.....	3	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Total diseases organs special sense.....	96	63	17	7	2	1	1	28	..	9	1	7	4	4	8	1	1	..	..	2
Diseases of Circulatory System.																				
Endocarditis, valvular disease of the heart.....	2,948	1,427	18	6	1	4	3	32	25	34	45	56	114	172	255	288	279	113	14	51
Pericarditis.....	89	43	..	3	1	..	..	4	4	3	2	3	5	7	4	4	5	2	..	..
Hypertrophy of heart.....	118	64	..	..	..	..	..	..	2	1	2	4	6	10	15	14	5	5	..	2
Fatty degeneration of heart.....	267	104	..	..	..	..	..	..	1	..	1	1	16	21	23	30	9	2	..	..
Heart disease.....	514	260	2	..	..	1	..	3	3	6	6	5	25	33	39	63	43	27	7	7
Angina pectoris.....	157	90	..	..	..	..	..	..	..	..	..	1	3	16	11	35	17	6	1	..
Aneurysm.....	83	62	..	..	..	..	..	..	..	1	1	..	10	18	16	11	4	1	..	6
Senile gangrene.....	81	33	..	..	..	..	..	..	..	..	..	..	..	..	1	7	13	10	2	..
Embolism, thrombosis.....	142	60	..	..	..	..	..	..	..	1	1	1	5	9	12	13	12	6	1	2
Phlebitis.....	18	9	1	..	..	1	..	2	..	..	..	..	1	4	1	..	..	1	..	..
Other diseases circulatory system.....	33	20	..	..	..	1	..	1	..	1	..	1	2	1	2	8	4	..	..	..
Total diseases circulatory system.....	4,450	2,172	21	9	2	7	3	42	34	47	57	72	172	286	377	466	412	180	27	68
Diseases of Respiratory System.																				
Croup.....	319	156	22	47	32	18	17	136	19	1	..	..	..	..	..	..	..	..	..	1
Laryngitis.....	50	32	4	10	2	2	2	20	6	..	..	2	..	..	1	1	1	..	1	..
Other diseases of larynx and trachea.....	6	5	1	2	..	..	..	3	..	..	..	1	..	..	1	..	..	..	..	..
Emphysema, asthma.....	157	95	2	..	..	..	1	3	..	..	..	4	7	6	22	31	18	3	1	4
Bronchitis.....	1,023	961	559	147	42	10	10	768	10	5	3	4	7	14	19	42	46	31	12	32
Chronic bronchitis.....	390	173	4	1	..	..	..	5	..	..	..	6	7	11	24	40	50	26	4	3
Pneumonia.....	8,094	4,347	1,065	617	233	93	63	2,071	112	26	62	126	448	434	346	333	238	127	24	103
Pleurisy.....	183	103	5	4	2	1	..	12	4	..	5	5	14	15	20	16	5	6	1	1
Hydrothorax, empyema.....	95	71	8	9	9	3	1	30	..	2	3	4	11	9	6	3	3	..	..	..
Congestion of lungs.....	104	57	18	4	..	1	..	23	..	1	..	1	2	5	4	6	6	8	1	..
Hemorrhage of lungs.....	45	28	..	..	..	1	..	1	..	..	..	..	2	10	8	5	..	1	1	1
Other diseases respiratory system.....	55	35	1	..	..	..	..	1	..	..	..	3	6	12	7	4	2	..	..	1
Total diseases respiratory system.....	11,421	6,063	1,689	841	320	120	94	3,073	151	35	73	156	504	516	458	481	369	202	45	146
Diseases of Digestive System.																				
Stomatitis.....	39	16	12	2	1	1	..	16	..	..	..	..	..	..	..	..	..	..	..	..
Dentition.....	281	138	82	51	5	..	..	138	..	..	..	..	..	..	..	..	..	..	..	4
Tonsillitis, quinsy.....	16	11	2	3	..	2	..	7	1	1	..	..	..	1	1	..	..	..	..	1
Gastritis.....	414	214	55	12	8	2	2	79	4	..	4	3	16	21	18	36	22	10	1	4
Gastro-enteritis.....	2,108	1,120	858	158	20	9	3	1,048	7	3	3	1	12	10	5	15	6	9	1	21
Ulcer of stomach.....	99	49	..	..	..	..	1	1	..	..	1	1	6	10	8	17	5	..	..	3
Enteritis.....	545	277	170	36	6	1	2	215	4	..	1	3	9	6	5	12	11	9	2	6
Ulcer of intestine, chronic diarrhea.....	102	56	3	1	1	..	..	5	..	..	2	5	6	5	5	9	14	5	..	2
Ileus, obstruction of intestine.....	211	83	18	1	1	1	..	21	3	6	3	1	9	11	10	8	8	3	..	3
Stricture or strangulation of intestine.....	72	36	11	1	2	1	..	15	2	1	..	2	1	1	6	6	1	1	..	1
Intussusception of intestine.....	10	7	1	1	..	..	1	3	..	1	..	..	..	1	1	1	..	..	..	..
Typhlitis, perityphlitis, perforation of vermiform appendix.....	392	222	..	..	1	2	1	4	23	33	16	28	40	40	21	12	5	..	..	5
Hernia.....	183	89	8	2	1	..	..	11	..	..	5	2	9	9	14	15	17	7	..	5
Peritonitis.....	212	83	14	3	1	1	2	21	5	5	7	3	18	7	5	5	1	1	1	2
Hepatitis.....	119	65	5	..	1	1	..	7	..	..	..	3	8	8	13	13	10	2	1	..
Cirrhosis.....	705	446	..	..	..	..	..	..	1	..	1	4	41	95	120	95	69	17	3	2
Jaundice.....	69	49	41	1	..	..	..	42	..	..	..	..	1	..	2	3	..	1	..	..
Gall-stones, biliary colic, etc.....	54	22	..	..	..	..	..	..	..	1	1	1	1	2	3	8	5	1	..	1
Other diseases of liver.....	94	51	3	..	..	..	1	4	2	1	1	3	9	12	10	3	5	1	..	..
Other diseases of digestive system.....	273	147	87	13	5	6	1	112	2	..	..	3	9	4	3	8	4	2	..	2
Total diseases of digestive system.....	5,998	3,181	1,370	285	53	27	14	1,749	54	51	45	63	195	243	250	266	187	69	9	62

CAUSE OF DEATH.	Total Both Sexes.	All ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Diseases of Lymphatic System and Ductless Glands.</i>																				
Lymphadenoma (Hodgkin's disease).....	13	9	..	..	..	..	..	..	1	..	1	2	2	2	..	1	..	..	..	1
Exophthalmic goitre (Basedow's disease).....	13	2	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Addison's disease.....	15	10	..	..	..	..	..	..	..	..	..	2	4	1	1	1	1	..	..	..
Other diseases, lymphatic system.....	11	2	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..
Total diseases of lymphatic system.....	52	23	..	1	..	..	..	1	1	..	2	5	7	3	1	2	1	..	..	1
<i>Diseases of Urinary System.</i>																				
Acute nephritis.....	839	446	24	16	12	10	13	75	20	8	14	26	67	63	61	56	36	17	3	14
Bright's disease, albuminuria.....	3,847	2,048	5	4	1	3	4	17	12	9	29	47	202	305	432	444	377	147	27	37
Uræmia, suppression of urine.....	124	67	8	..	..	..	..	8	1	..	1	2	13	11	13	9	8	1	..	1
Calculus.....	22	17	..	..	..	..	..	..	..	..	..	..	3	2	3	5	4	..	..	..
Diseases of bladder and prostate gland.....	144	124	..	..	..	..	..	..	..	..	1	..	..	2	13	25	42	36	5	2
Other diseases of urinary system.....	51	36	3	1	1	..	..	5	1	..	..	1	5	6	7	7	1	3	..	..
Total diseases of urinary system.....	5,027	2,738	40	21	14	13	17	105	34	17	45	76	290	389	529	546	468	204	35	54
<i>Diseases of Organs of Generation.</i>																				
Ovarian diseases.....	84	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diseases of uterus and vagina.....	192	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pelvic abscess.....	27	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Diseases of penis, testes, scrotum, etc.....	12	10	1	..	..	..	..	1	..	..	..	..	1	3	2	1	2	..	..	1
Total diseases of organs of generation.....	315	11	1	..	..	..	..	1	..	..	..	..	2	3	2	1	2	..	..	1
<i>Diseases of Parturition.</i>																				
Abortion, miscarriage.....	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal convulsions.....	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal mania.....	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Placenta prævia, flooding.....	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Post-partum hemorrhage.....	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other diseases of parturition.....	121	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total diseases of parturition.....	338	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Diseases of Organs of Locomotion.</i>																				
Caries, necrosis.....	10	5	..	..	..	..	..	..	2	..	..	..	1	..	1	1	..	..	..	1
Arthritis, osteitis, periostitis.....	19	13	2	1	..	..	1	4	1	..	1	1	3	1	1	1	..	..	..	..
Spinal disease.....	23	14	1	..	2	1	1	5	2	..	1	1	1	1	2	1	..	..	..	..
Hip disease.....	12	6	..	..	..	..	..	3	1	..	..	..	..	..	1	1	..	..	..	..
Other diseases, locomotor system.....	8	5	..	..	..	..	..	2	2	..	..	..	1	..	..	..	..	..	..	..
Total diseases of organs of locomotion.....	72	43	3	1	2	1	2	9	10	3	2	2	6	2	5	4	..	..	..	1
<i>Diseases of the Integumentary System.</i>																				
Carbuncle.....	24	13	..	..	..	..	..	..	..	..	..	..	..	3	3	5	1	1	..	..
Phlegmon, Cellulitis.....	47	27	7	2	..	..	1	10	1	..	1	4	2	5	2	1	1	..	..	1
Lupus.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ulcer, bed sore.....	16	7	2	1	..	..	..	3	..	..	..	..	..	1	2	..	..	1	..	..
Eczema.....	6	3	1	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..
Pemphigus.....	12	7	5	..	..	..	..	5	..	..	..	..	..	1	..	1	..	..	..	..
Other diseases of integumentary system.....	38	16	9	1	..	..	..	10	..	..	..	..	..	3	2	..	1	..	..	..
Total diseases of integumentary system.....	143	73	24	4	..	..	1	29	1	..	1	4	2	9	12	8	4	3	..	1
Total local diseases.....	33,732	17,468	3,914	1,357	480	224	162	6,137	357	183	266	414	1,326	1,740	1,999	2,186	1,852	858	150	38
VII.—VIOLENCE.																				
Criminal abortion.....	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Accident and Negligence.</i>																				
Fractures, contusions.....	1,092	878	5	12	27	18	17	79	64	31	37	51	175	177	137	74	36	15	2	14
Gunshot wounds.....	61	52	..	1	1	1	..	3	2	3	5	7	11	6	7	4	3	1	..	3
Cut, stab.....	6	6	..	..	..	..	..	..	..	..	..	..	1	2	..	2	1	..	..	..
Burn, scald.....	289	140	6	17	22	18	11	74	12	1	..	2	13	24	3	8	3	..	..	1
Poison.....	167	111	3	3	4	2	..	12	2	..	2	5	31	22	22	8	4	3	..	..
Drowning.....	415	350	3	..	2	1	2	8	29	23	32	27	72	101	51	30	5	2	..	5
Suffocation.....	120	80	26	3	1	..	..	30	3	3	5	2	11	12	8	4	1	1	..	2
Stroke.....	549	395	39	10	2	..	..	51	..	1	3	9	81	127	60	37	25	..	1	6
Surgical operations.....	19	16	8	1	..	..	..	9	1	2	1	..	..	2	..	1	..	..	..	..
Electric current.....	11	11	..	..	..	..	..	..	1	..	..	2	4	3	1	..	..	..	..	..
Neglect, exposure.....	21	13	6	..	..	..	..	6	..	..	..	..	1	3	1	1	1	..	..	1
Other forms.....	102	81	1	1	..	2	..	4	9	4	4	6	14	13	8	10	7	2	..	1
Total accident and negligence.....	2,861	2,163	97	48	59	42	30	276	122	69	89	111	414	492	298	179	86	24	3	33
<i>Homicide.</i>																				
Blows.....	33	26	1	1	..	..	..	2	2	1	..	3	7	7	3	1	..	..	..	..
Cut, stab.....	16	13	..	..	..	..	..	..	1	..	..	2	6	1	2	1	..	..	..	..
Gunshot.....	49	35	..	..	..	..	..	..	1	2	3	13	14	2	..	..	..	..	..	1
Poison.....	3	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Other methods.....	20	10	7	..	..	..	..	7	..	..	..	..	1	..	2	..	..	..	..	1
Total homicides.....	121	85	8	2	..	..	..	10	3	2	2	8	27	22	9	2	..	..	..	2

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Suicide.</i>																				
Illuminating gas.....	95	61	..	..	..	..	..	..	..	1	2	4	8	14	17	11	4	..	..	..
Cut, stab.....	27	20	..	..	..	..	..	..	..	..	..	..	4	6	3	4	2	1	..	..
Drowning.....	9	7	..	..	..	..	..	..	..	..	..	1	..	5	1	..	..	..	..	..
Gunshot.....	164	157	..	..	..	..	..	..	..	..	3	16	36	35	35	19	10	3	..	1
Hanging.....	78	73	..	..	..	..	..	..	..	..	1	1	7	15	14	23	9	3	..	..
Leaps.....	13	10	..	..	..	..	..	..	..	..	..	..	3	7	..	..	..	..	..	1
Poison.....	305	178	..	..	..	..	..	..	..	..	7	15	47	48	29	20	11	1	..	1
Other methods.....	4	3	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..
Total suicides.....	695	509	..	..	..	..	..	..	..	1	13	37	106	132	99	77	36	8	..	3
Total violence.....	3,677	2,757	105	50	59	42	30	286	125	72	104	150	547	646	406	258	122	32	3	38
VIII.—ILL-DEFINED OR NOT SPECIFIED CAUSES.																				
Marasmus, inanition.....	2,149	1,142	1,059	67	11	2	1	1,140	2	..	..	..	..	..	..	..	..	..	..	52
Injury at birth.....	245	152	150	2	..	..	..	152	..	..	..	..	..	..	..	..	..	..	..	3
Other ill-defined causes.....	46	24	20	..	..	..	..	20	..	..	..	..	..	..	1	2	..	1	..	1
Total ill-defined causes.....	2,440	1,318	1,229	69	11	2	1	1,312	2	..	..	..	..	..	1	2	..	1	..	56
I.—Specific febrile diseases.....	10,719	5,140	2,409	900	365	242	157	4,071	330	67	78	169	232	140	125	90	80	45	11	125
II.—Parasitic diseases.....	10	5	2	..	1	..	..	3	1	..	..	..	..	1	..	..	..	..	..	..
III.—Dietetic diseases.....	340	264	7	..	..	..	..	7	..	..	..	9	65	91	50	30	12	..	..	8
IV.—Constitutional diseases.....	12,099	6,599	311	207	69	46	41	674	93	55	210	586	1,538	1,35	947	693	345	102	11	187
V.—Developmental diseases.....	3,277	1,644	1,197	2	1	..	..	1,200	1	..	..	..	..	..	3	22	112	27	99	33
VI.—Local diseases.....	33,732	17,468	3,914	1,351	480	224	102	6,137	357	183	266	414	1,320	1,740	1,999	2,186	1,852	858	150	380
VII.—Violence.....	3,677	2,757	105	50	59	42	30	286	125	72	104	150	547	646	406	258	122	32	3	38
VIII.—Ill-defined causes.....	2,440	1,318	1,229	69	11	2	1	1,312	2	..	..	..	..	..	1	2	..	1	..	56
Total, all causes.....	66,294	35,435	9,174	2,585	986	556	391	13,692	909	377	658	1,334	3,708	3,943	3,531	3,211	2,543	1,245	274	827
Total, males.....	..	35,495	9,174	2,585	986	556	391	13,692	909	377	658	1,334	3,708	3,943	3,531	3,211	2,543	1,245	274	827
Total, females.....	..	30,799	7,596	2,323	928	556	404	11,807	873	384	663	1,224	2,965	2,662	2,685	2,813	2,713	1,482	488	879
Total, both sexes.....	..	66,294	16,770	4,908	1,914	1,112	795	25,499	1,782	761	1,321	2,558	6,673	6,605	6,216	6,094	5,256	2,727	762	1706

Deaths of Females, by Age, Color and Cause of Death, in The City of New York, for Year ending December 31, 1898.

CAUSE OF DEATH.	All ages.	0	1	2	3	4	Total under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
I.—SPECIFIC FEBRILE (ZYMOTIC) DISEASES.																			
<i>Miasmatic.</i>																			
Small pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken pox.....	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Measles.....	307	85	132	37	20	13	287	13	..	1	3	3	..	..	..	..	..	..	8
Scarlet fever.....	352	20	49	70	72	57	268	67	7	3	4	3	..	..	..	..	..	..	3
Diphtheria.....	715	39	131	138	106	80	494	178	23	4	3	6	2	2	2	1	..	..	5
Mumps.....	2	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Whooping cough.....	395	203	106	36	27	11	383	11	..	..	..	..	..	..	..	1	..	..	22
Fever, typhoid.....	220	1	3	..	2	1	7	9	16	29	32	67	28	18	8	3	2	1	7
Fever, yellow.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever, typhus.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever, influenza.....	246	19	2	..	3	1	25	..	..	6	6	18	23	25	46	48	40	9	12
Fever, cerebro-spinal.....	156	43	29	18	9	3	102	24	10	5	2	4	4	1	3	..	1	..	3
Total miasmatic diseases.....	2,394	413	452	299	239	166	1,569	302	56	48	50	101	57	46	59	53	43	10	60
<i>Diarrhoeal.</i>																			
Cholera morbus.....	39	6	3	..	1	..	10	..	..	..	1	3	5	5	4	6	5	..	..
Cholera infantum.....	1,060	862	173	18	4	..	1,037	3	..	..	..	..	..	..	..	..	..	..	38
Diarrhoea, enterocolitis.....	1,044	717	163	30	9	4	923	13	4	1	..	5	9	13	25	29	15	7	18
Dysentery.....	194	35	21	16	3	3	78	7	6	1	4	10	8	20	16	28	10	6	2
Total diarrhoeal diseases.....	2,337	1,620	360	64	17	7	2,068	23	10	2	5	18	22	38	45	63	30	13	58
Malarial fevers.....	121	5	10	5	6	2	28	6	9	6	4	16	13	11	14	9	4	1	4
<i>Zoogenous.</i>																			
Glanders.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia.....	4	..	..	..	1	1	2	..	..	1	..	..	..	1	..	..	..	..	..
Malignant pustule.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total zoogenous diseases.....	4	..	..	..	1	1	2	..	..	1	..	..	..	1	..	..	..	..	..
Syphilis.....	65	38	2	2	..	..	42	..	..	1	4	11	3	..	4	..	..	..	8
<i>Septic.</i>																			
Erysipelas.....	72	34	3	..	..	..	37	1	1	1	2	5	2	9	3	6	4	1	..
Phagedæna.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pyæmia, septicæmia.....	53	4	1	1	..	..	6	..	2	3	7	18	8	5	2	2	..	..	1
Puerperal fever.....	230	..	..	..	..	..	..	..	..	20	53	114	38	3	2	..	..	..	11
Total septic diseases.....	335	38	4	1	..	..	43	1	3	24	62	137	48	17	7	8	4	1	12
Other zymotic diseases.....	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Total zymotic diseases.....	5,279	2,114	828	371	263	176	3,752	332	78	82	125	284	144	114	129	133	81	25	142

CAUSE OF DEATH.	All ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
II.—PARASITIC DISEASES.																			
Aphthae (thrush).....	4	4	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	1
Trichinosis.....	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Other parasitic diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total parasitic diseases.....	5	4	..	..	..	..	4	..	..	..	1	..	..	..	..	..	..	..	1
III.—DIETETIC DISEASES.																			
Starvation, want of breast milk.....	3	..	..	1	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..
Scurvy.....	4	2	..	1	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..
Intemperance—alcoholism.....	68	..	..	..	..	..	..	..	..	..	3	26	17	10	9	1	2	..	..
Chronic morphinism.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Total dietetic diseases.....	76	2	..	2	..	..	4	1	..	..	3	26	18	11	9	2	2	..	..
IV.—CONSTITUTIONAL DISEASES.																			
Acute rheumatism (rheumatism of the heart).....	117	3	1	1	1	3	9	17	11	3	5	14	15	14	13	13	3	..	3
Rheumatism.....	43	..	1	..	..	..	1	..	1	..	1	3	5	6	7	13	5	1	2
Gout.....	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..
Rickets.....	33	20	7	3	1	1	32	1	..	..	..	..	..	..	..	..	..	..	8
Cancer.....	1,233	2	4	5	..	..	11	2	2	5	9	57	229	330	305	208	60	15	26
Tabes mesenterica.....	32	19	4	3	..	..	26	..	..	1	..	1	..	..	1	2	..	..	3
Tubercular meningitis.....	387	135	101	35	21	19	311	33	12	9	5	7	3	5	1	1	..	..	8
Phthisis.....	3,108	23	23	15	9	8	78	26	60	227	446	1,019	587	325	187	107	39	7	117
Other forms of tuberculosis, scrofula.....	258	53	15	10	3	3	84	13	8	11	25	47	21	17	15	12	4	1	12
Purpura, hæmophilia.....	18	6	..	1	3	..	10	..	..	..	1	..	2	1	..	3	1	..	1
Anæmia, chlorosis, leucocythæmia.....	72	5	2	1	..	..	8	3	4	4	6	12	12	8	9	4	1	1	1
Diabetes.....	192	..	..	1	..	1	2	1	1	3	2	8	16	33	55	49	21	1	3
Other constitutional diseases.....	4	1	1	..	..	..	2	..	..	..	1	..	..	..	..	1	..	..	..
Total constitutional diseases.....	5,500	267	159	75	39	34	574	96	99	263	501	1,168	892	739	593	414	134	27	184
V.—DEVELOPMENTAL DISEASES.																			
Premature births.....	587	587	..	..	..	..	587	..	..	..	..	..	..	..	..	..	..	..	17
Atelectasis.....	139	138	1	..	..	..	139	..	..	..	..	..	..	..	..	..	..	..	..
Cyanosis.....	41	41	..	..	..	..	41	..	..	..	..	..	..	..	..	..	..	..	..
Umbilical hemorrhage.....	4	4	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..
Spina bifida.....	21	21	..	..	..	..	21	..	..	..	..	..	..	..	..	..	..	..	..
Imperforate anus.....	8	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..
Cleft palate, hare lip.....	8	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..
Other congenital defects.....	107	105	..	..	..	..	105	..	2	..	..	..	..	..	..	..	..	..	8
Old age.....	718	..	..	..	..	..	..	..	..	..	..	..	..	3	27	189	301	198	12
Total developmental diseases.....	1,633	912	1	..	..	..	913	..	2	..	..	..	..	3	27	189	301	198	37
VI.—LOCAL DISEASES.																			
<i>Diseases of Nervous System.</i>																			
Meningitis, encephalitis.....	661	255	151	54	28	25	513	41	11	11	17	13	18	20	7	8	2	..	17
Chronic hydrocephalus.....	23	15	6	..	..	1	22	..	..	1	..	..	..	..	..	..	..	..	..
Apoplexy.....	1,166	7	1	2	..	..	10	1	4	6	5	36	80	195	301	306	183	39	24
Softening of brain.....	37	..	..	..	..	..	..	..	..	..	..	1	3	5	6	15	6	1	..
Hemiplegia, brain paralysis.....	132	1	..	..	..	1	2	1	..	1	..	2	11	16	34	44	16	5	6
Insanity, general paresis.....	117	..	..	..	..	..	..	1	..	4	3	20	26	20	19	20	2	2	2
Epilepsy.....	45	2	1	2	..	..	5	..	3	4	7	9	5	2	5	4	1	..	2
Convulsions.....	350	288	36	13	5	1	343	7	..	..	..	..	..	..	..	..	..	..	10
Congestion of brain.....	31	13	4	2	3	1	23	1	1	..	1	2	..	..	2	1	..	..	1
Laryngismus stridulus.....	11	4	4	1	1	..	10	1	..	..	..	..	..	..	..	..	..	..	..
Idiopathic tetanus, trismus.....	30	26	..	..	..	..	26	1	..	..	3	..	..	..	..	..	..	..	..
Paraplegia myelitis.....	48	1	..	..	..	2	3	3	2	1	5	4	4	10	6	8	2	..	1
Locomotor ataxy.....	9	..	..	..	..	..	..	..	..	..	1	2	1	1	2	2	..	..	..
Other diseases nervous system.....	59	3	..	1	..	1	5	3	2	1	..	8	15	9	9	7	..	..	2
Total diseases nervous system.....	2,719	615	203	75	37	32	962	60	23	29	42	97	163	278	391	415	212	47	65
<i>Diseases Organs of Special Sense.</i>																			
Otitis, otorrhœa, mastoid abscess.....	31	4	3	6	..	2	15	3	3	..	2	..	2	4	..	2	..	..	2
Other diseases, eye, ear and nose.....	2	1	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Total diseases organs special sense.....	33	5	3	7	..	2	17	3	3	..	2	..	2	4	..	2	..	..	2
<i>Diseases of Circulatory System.</i>																			
Endocarditis, valvular disease of heart.....	1,521	15	4	3	2	9	33	37	38	50	64	156	170	234	272	299	141	27	57
Pericarditis.....	46	1	1	..	1	2	5	2	2	5	7	1	4	5	8	7	..	..	7
Hypertrophy of heart.....	54	..	..	..	..	..	..	2	..	2	2	6	2	11	14	11	4	..	..
Fatty degeneration of heart.....	163	..	..	..	..	..	..	..	1	1	2	13	22	30	34	47	10	3	..
Heart disease.....	254	..	..	..	..	..	..	3	6	3	6	17	23	39	51	72	29	5	4
Angina pectoris.....	67	..	..	..	..	..	..	..	..	..	2	3	9	19	13	13	7	1	6
Aneurism.....	21	..	..	..	..	..	..	..	..	..	..	1	5	7	3	3	2	..	5
Senile gangrene.....	48	..	..	..	..	..	..	..	..	..	..	..	..	3	9	18	11	7	2
Embolism, thrombosis.....	82	1	1	..	..	..	2	..	2	1	5	10	11	9	14	16	9	3	2
Phlebitis.....	9	..	..	..	..	..	..	..	..	..	..	..	2	1	3	3	..	..	..
Other diseases circulatory system.....	13	..	..	..	..	..	..	..	..	..	..	..	1	3	4	2	2	1	..
Total diseases circulatory system.....	2,278	17	6	3	3	11	40	44	49	62	88	207	249	361	425	491	215	47	83

CAUSE OF DEATH.	All ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Diseases of Respiratory System.</i>																			
Croup.....	163	14	40	36	29	18	137	25	..	..	..	..	1	..	..	..	..	..	..
Laryngitis.....	18	4	7	1	4	1	17	..	..	..	..	1	..	..	..	..	..	..	..
Other diseases larynx and trachea.....	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Emphysema, asthma.....	62	1	..	..	..	..	1	..	..	..	..	1	4	8	18	23	6	1	2
Bronchitis.....	962	461	145	34	18	12	670	21	1	3	5	11	25	24	51	65	62	24	38
Chronic bronchitis.....	217	2	1	2	..	..	5	1	1	4	1	10	18	21	49	60	38	9	3
Pneumonia.....	3,747	829	560	210	84	57	1,740	113	48	53	104	286	266	286	314	315	167	53	112
Pleurisy.....	80	3	7	..	2	..	12	2	1	5	7	10	10	8	13	8	4	..	1
Hydrothorax, empyema.....	24	4	6	3	..	1	14	2	..	1	..	2	1	2	..	1	1	..	1
Congestion of lungs.....	47	11	5	2	2	1	21	..	..	2	3	2	3	2	2	10	..	2	..
Hemorrhage of lungs.....	17	..	..	..	..	..	1	..	..	..	4	1	2	4	3	1	1	1	1
Other diseases respiratory system.....	20	2	1	..	..	1	4	..	..	2	4	5	2	..	1	2	..	..	2
Total diseases respiratory system.....	5,358	1,331	772	288	130	91	2,621	166	51	72	124	332	331	353	452	487	279	90	160
<i>Diseases of Digestive System.</i>																			
Stomatitis.....	23	14	1	2	1	3	21	1	..	1	..	..	..	..	..	..	..	..	1
Dentition.....	143	80	58	5	..	..	143	..	..	..	..	..	..	..	..	..	..	..	8
Tonsillitis, quinsy.....	5	..	..	1	..	..	1	2	..	1	..	..	1	..	..	..	..	..	..
Gastritis.....	200	49	6	8	3	1	67	3	2	1	5	14	13	20	24	26	21	4	5
Gastro-Enteritis.....	988	711	135	26	7	2	881	14	5	3	3	7	13	12	16	23	9	2	13
Ulcer of stomach.....	50	..	1	..	..	..	1	..	1	..	..	5	16	9	3	5	7	2	1
Enteritis.....	268	169	28	8	3	5	213	3	1	1	2	8	2	8	12	9	8	1	5
Ulcer of intestine, chronic diarrhoea.....	46	2	1	..	..	..	3	1	2	..	1	2	10	8	9	4	5	1	3
Ileus, obstruction of intestine.....	128	11	1	..	1	2	15	2	..	2	7	15	27	19	23	13	4	1	5
Stricture or strangulation of intestine.....	36	12	3	..	..	..	15	2	..	..	1	1	6	2	2	5	2	..	..
Intussusception of intestine.....	3	1	1	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..
Typhlitis, perityphlitis, per. verm. app.....	170	..	..	1	..	1	2	16	17	20	27	27	21	9	20	7	3	1	..
Hernia.....	94	3	1	..	..	..	4	..	..	..	..	2	18	31	22	12	4	1	3
Peritonitis.....	129	9	1	..	3	2	15	5	5	7	9	33	28	16	10	7	..	..	4
Hepatitis.....	54	1	..	..	..	1	2	..	..	..	1	5	7	9	13	9	8	..	2
Cirrhosis.....	239	..	..	..	..	..	..	1	..	1	1	23	63	57	65	38	9	1	3
Jaundice.....	20	14	..	..	1	..	15	..	..	1	..	..	..	2	1	..	..	..	..
Gall-stones, biliary colic, etc.....	32	..	..	..	..	..	..	..	..	..	1	4	7	6	8	4	2	..	..
Other diseases of liver.....	43	1	1	..	..	..	2	..	1	2	1	4	4	6	15	6	2	..	2
Other diseases of digestive system.....	126	60	14	5	4	..	83	3	1	2	3	6	6	7	3	10	2	..	1
Total diseases of digestive system.....	2,817	1,137	252	56	23	17	1,483	53	35	42	67	168	235	209	248	180	82	13	55
<i>Diseases of Lymphatic System and Ductless Glands.</i>																			
Lymphadenoma (Hodgkin's disease).....	4	..	..	..	..	..	..	..	..	..	..	1	2	1	..	..	..	..	1
Exophthalmic goitre (Basedow's disease).....	11	..	..	..	..	..	..	..	1	2	3	2	3	..	..	..	..	..	1
Addison's disease.....	5	..	..	..	..	..	..	..	..	..	..	3	1	1	..	..	..	..	..
Other diseases, lymphatic system.....	9	..	2	..	..	..	2	..	..	..	..	1	3	2	1	..	..	..	..
Total diseases of lymphatic system.....	29	..	2	..	..	..	2	..	..	1	2	8	8	7	1	..	..	..	2
<i>Diseases of the Urinary System.</i>																			
Acute Nephritis.....	391	20	10	9	15	6	60	24	8	12	27	64	54	57	42	30	8	7	11
Bright's disease, albuminuria.....	1,799	2	3	3	3	4	15	14	17	31	59	183	253	372	364	331	130	23	51
Uræmia, suppression of urine.....	57	7	2	1	..	..	10	1	1	4	5	5	7	11	9	4	..	..	3
Calculus.....	5	..	..	..	..	..	..	1	..	..	..	1	2	1	..	..	..	..	1
Diseases of bladder and prostate gland.....	20	..	..	..	..	..	..	..	..	1	..	1	1	4	2	3	5	3	..
Other diseases, urinary system.....	15	1	..	..	..	..	1	..	1	..	1	4	3	3	1	..	1	..	..
Total diseases of urinary system.....	2,289	30	15	13	18	10	86	40	27	48	92	253	325	446	418	368	144	35	66
<i>Diseases of Organs of Generation.</i>																			
Ovarian diseases.....	84	..	..	..	..	..	..	..	2	9	28	25	11	4	3	2	..	..	..
Diseases of uterus and vagina.....	192	1	..	..	..	..	1	..	1	19	61	69	28	8	5	..	..	..	18
Pelvic abscess.....	26	..	..	..	..	..	..	..	3	5	10	3	2	1	..	1	1	1	1
Other diseases of organs of generation, testes, scrotum, etc.....	2	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Total diseases of organs of generation.....	304	1	..	..	..	..	1	..	6	34	98	97	41	13	8	3	1	19	..
<i>Diseases of Parturition.</i>																			
Abortion, miscarriage.....	64	..	..	..	..	..	..	..	..	11	38	15	..	..	..	..	..	..	3
Puerperal convulsions.....	78	..	..	..	..	..	..	..	8	17	32	21	..	..	..	..	..	..	..
Puerperal mania.....	6	..	..	..	..	..	..	..	1	2	2	1	..	..	..	..	..	..	..
Placenta prævia, flooding.....	31	..	..	..	..	..	..	..	1	5	18	7	..	..	..	..	..	..	..
Post-partum hemorrhage.....	38	..	..	..	..	..	..	..	1	6	17	12	2	..	..	..	..	..	..
Other diseases of parturition.....	121	..	..	..	..	..	..	..	1	17	68	33	2	..	..	..	..	..	4
Total diseases of parturition.....	338	..	..	..	..	..	..	..	12	58	175	89	4	..	..	..	..	..	7
<i>Diseases of Organs of Locomotion.</i>																			
Caries, necrosis.....	5	..	..	..	1	..	1	..	1	..	1	..	1	..	1	..	..	..	..
Arthritis, osteitis, periostitis.....	6	..	..	..	..	..	..	..	..	2	2	..	1	..	1	..	..	..	..
Spinal disease.....	9	1	..	..	2	3	2	..	2	..	1	..	..	1	..	..	..	..	..
Hip disease.....	6	..	..	1	1	2	..	1	2	..	1	..	..	..	..	..	..	..	..
Other diseases, locomotor system.....	3	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..
Total diseases of organs of locomotion.....	29	1	..	1	2	2	6	2	2	5	3	5	1	2	1	2	..	..	..

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Diseases of the Integumentary System.</i>																			
Carbuncle	11	..	..	..	..	..	..	..	..	..	1	1	3	2	2	..	..	..	..
Phlegmon, cellulitis	20	6	..	1	1	..	8	1	..	1	1	3	2	1	1	1	1	..	..
Ulcer, bed sore	9	1	..	..	..	..	1	..	..	..	..	..	..	5	1	2	..	..	..
Eczema	3	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..
Pemphigus	5	3	1	..	..	..	4	..	..	1	..	..	..	..	..	..	..	..	..
Other diseases of integumentary system	22	11	..	..	2	1	14	1	..	1	..	1	2	1	2	..	..	..	1
Total diseases of integumentary system	70	24	1	1	3	1	30	2	..	3	2	5	7	4	10	4	3	..	1
Total local diseases	16,264	3,161	1,254	444	225	166	5,250	370	190	280	514	1,335	1,506	1,712	1,962	1,934	938	233	460
<i>VII.—VIOLENCE.</i>																			
<i>Accident and Negligence.</i>																			
Criminal abortion	9	..	..	..	..	..	..	..	..	..	4	3	2	..	..	..	..	..	1
Fractures, contusions	214	4	1	10	13	11	39	33	5	2	13	15	13	25	26	26	12	5	6
Gun-shot wounds	9	..	..	..	..	..	..	3	..	..	..	3	..	1	1	1	..	..	..
Burn, scald	149	9	11	8	10	9	47	23	3	2	6	11	16	18	13	6	4	..	7
Poison	56	2	3	2	..	1	8	1	..	7	13	9	6	4	1	..	..	..	1
Drowning	35	1	3	1	..	..	5	2	4	1	5	4	3	5	4	2	..	..	..
Suffocation	40	20	2	1	..	1	24	1	..	1	1	4	4	1	2	1	1	..	2
Sunstroke	154	42	8	2	1	..	53	2	..	1	3	12	18	21	18	16	10	..	3
Surgical operations	3	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..
Neglect, exposure	8	6	..	..	..	..	6	..	..	..	..	1	..	..	1	..	..	..	..
Other forms	21	..	..	..	1	3	4	4	2	1	..	1	3	2	3	1	..	..	..
Total accident and negligence	698	84	28	24	25	25	186	69	14	15	39	69	69	79	72	54	27	5	20
<i>Homicide.</i>																			
Blows	7	..	..	..	..	..	..	1	1	..	1	2	2	..	..	..	..	..	..
Cut, stab	3	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..
Gun-shot	14	..	..	..	1	..	1	1	..	1	3	3	3	1	1	..	..	..	..
Poison	2	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Other methods	10	3	..	..	..	..	3	..	..	1	2	1	1	2	..	..	..	..	..
Total homicides	36	3	..	..	1	1	5	2	1	2	7	7	7	4	1	..	..	..	..
<i>Suicide.</i>																			
Illuminating gas	34	..	..	..	..	..	..	..	..	1	2	15	5	5	3	3	..	..	..
Cut, stab	7	..	..	..	..	..	..	..	..	..	1	1	3	..	2	..	..	..	..
Drowning	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..
Gun-shot	7	..	..	..	..	..	..	..	..	1	..	2	2	..	2	..	..	..	..
Hanging	5	..	..	..	..	..	..	..	..	..	..	..	1	..	4	..	..	..	..
Leaps	3	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..
Poison	127	..	..	..	..	..	..	..	..	19	30	35	14	18	8	3	..	..	1
Other methods	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Total suicides	186	..	..	..	..	..	..	..	..	21	34	56	26	23	20	6	..	..	1
Total violence	920	87	28	24	26	26	191	71	15	38	80	132	102	106	93	60	27	5	21
<i>VIII.—ILL-DEFINED OR NOT SPECIFIED CAUSES.</i>																			
Marasmus, inanition	1,007	935	52	12	3	2	1,004	3	..	..	..	..	..	..	..	..	..	..	33
Injury at birth	93	92	1	..	..	..	93	..	..	..	..	..	..	..	..	..	..	..	1
Other ill-defined causes	22	22	..	..	..	..	22	..	..	..	..	..	..	..	..	..	..	..	..
Total ill-defined causes	1,122	1,049	53	12	3	2	1,119	3	..	..	..	..	..	..	..	..	..	..	34
I.—Specific febrile diseases	5,279	2,114	828	371	263	176	3,752	332	78	82	125	284	144	114	129	133	81	25	142
II.—Parasitic diseases	5	4	..	..	..	..	4	..	..	..	1	..	..	..	..	..	..	..	1
III.—Dietetic diseases	76	2	..	2	..	..	4	1	..	..	3	26	18	11	9	2	2	..	..
IV.—Constitutional diseases	5,550	267	159	73	39	34	574	96	99	263	501	1,168	892	739	593	414	134	27	184
V.—Developmental diseases	1,633	912	1	..	..	..	913	..	2	..	..	..	..	3	27	190	300	198	37
VI.—Local diseases	16,264	3,161	1,254	444	225	166	5,250	370	190	280	514	1,335	1,506	1,712	1,962	1,934	938	233	460
VII.—Violence	920	87	28	24	26	26	191	71	15	38	80	132	102	106	93	60	27	5	21
VIII.—Ill-defined causes	1,122	1,049	53	12	3	2	1,119	3	..	..	..	..	..	..	..	..	..	..	34
Total, all causes	30,799	7,596	2,323	928	556	404	11,807	873	384	663	1,224	2,965	2,662	2,685	2,813	2,753	1,482	488	879

Summary of Deaths, according to Sex and Age, by Boroughs.

	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Borough of Manhattan.</i>																			
Total, males	19,742	5,128	1,512	556	290	182	7,668	418	196	356	744	2,107	2,290	2,078	1,822	1,338	592	133	529
Total, females	16,945	4,287	1,346	543	303	198	6,659	439	186	357	682	1,720	1,571	1,547	1,466	1,408	702	208	524
Total, both sexes	36,687	9,415	2,858	1,079	593	380	14,327	857	382	713	1,426	3,827	3,861	3,625	3,288	2,746	1,294	341	1,053
<i>Borough of The Bronx.</i>																			
Total, males	2,057	427	140	66	37	26	696	71	19	42	104	243	294	174	184	128	82	20	32
Total, females	1,694	321	113	57	36	41	568	48	26	41	85	175	147	144	159	172	96	33	34
Total, both sexes	3,751	748	253	123	73	67	1,264	119	45	83	189	418	441	318	343	300	178	53	66

	ALL AGES.	0	1	2	3	4	Total Under 5	5	10	15	20	25	35	45	55	65	75	85	Colored.
<i>Borough of Brooklyn.</i>																			
Total, males.....	11,538	3,064	820	310	201	151	4,546	355	132	227	416	1,187	1,147	1,083	1,060	888	435	82	908
Total, females.....	10,431	2,336	743	287	185	151	3,902	332	143	231	414	946	800	851	1,036	1,019	368	189	269
Total, both sexes.....	21,969	5,600	1,563	597	386	302	8,448	687	275	458	830	2,133	1,947	1,934	2,096	1,907	1,003	271	477
<i>Borough of Queens.</i>																			
Total, males.....	1,371	382	79	38	19	22	540	52	21	27	49	121	129	125	134	96	63	14	37
Total, females.....	1,190	331	92	37	17	9	486	42	22	23	25	91	92	101	106	109	61	32	40
Total, both sexes.....	2,561	713	171	75	36	31	1,026	94	43	50	74	212	221	226	240	205	124	46	77
<i>Borough of Richmond.</i>																			
Total, males.....	767	173	34	16	9	10	242	13	9	6	21	50	83	71	81	93	73	25	21
Total, females.....	539	121	29	24	13	5	192	12	7	11	18	33	52	42	46	45	55	26	12
Total, both sexes.....	1,306	294	63	40	22	15	434	25	16	17	39	83	135	113	127	138	128	51	33

* Table of Mortality from the Principal Causes of Death during the Year 1898.

CAUSES 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.....	2,917	2,748	3,024	2,978	2,924	2,733	3,609	3,427	3,479	2,852	2,654	3,342	36,687	255	281	352	332	303	265	332	357	343	308	266	357	3,751
Yellow fever.....	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Influenza.....	..	7	18	15	2	2	2	..	..	..	11	182	239	..	1	1	1	..	..	..	..	..	..	1	25	29
Cerebro-spinal meningitis.....	16	18	26	25	24	26	28	21	14	12	14	21	245	..	..	2	1	3	1	2	..	3	..	1	..	13
Diphtheria.....	77	80	85	72	79	43	57	32	34	54	45	64	722	3	5	9	10	3	5	6	3	2	2	9	9	66
Erysipelas.....	6	10	10	11	7	8	4	10	1	3	4	7	81	..	..	..	..	1	..	..	1	..	1	1	1	5
Malarial fevers.....	6	4	5	4	9	7	4	18	19	9	5	4	94	..	1	..	4	3	..	1	4	8	5	5	1	32
Measles.....	63	45	53	40	34	26	20	9	11	6	9	19	335	8	13	29	27	13	7	5	3	..	..	3	3	111
Scarlet fever.....	64	60	60	50	42	31	24	9	10	12	12	29	403	24	6	18	6	29	17	11	..	..	4	1	4	120
Small pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Typhoid fever.....	8	10	14	8	8	17	19	53	94	56	38	28	353	..	2	..	..	3	2	1	3	2	3	4	3	23
Typhus fever.....	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough.....	12	18	39	35	35	34	71	60	40	20	19	20	403	1	5	3	2	3	4	3	6	4	4	3	1	39
Cholera morbus.....	1	1	..	..	..	5	14	8	8	1	..	..	38	..	..	..	..	..	..	..	1	4	..	..	..	5
Other diarrhoeal diseases.....	40	43	40	58	53	159	801	635	455	161	39	32	2,516	5	2	6	6	10	6	73	68	45	13	6	3	243
Diarrhoeas under five years.....	34	40	38	49	50	152	765	588	421	135	28	24	2,324	5	2	6	4	7	5	70	62	40	10	3	2	216
Other zymotic diseases.....	11	9	12	9	10	14	14	13	6	19	13	10	140	..	..	..	..	..	1	..	..	2	2	..	..	5
Cancer.....	85	76	97	101	103	92	111	103	89	106	108	92	1,163	5	7	8	6	7	9	9	10	9	9	9	9	97
Phthisis.....	332	250	361	339	355	302	356	314	336	324	373	386	4,070	55	68	82	77	84	74	67	65	74	89	64	88	887
Other constitutional diseases.....	111	114	122	136	165	109	89	120	107	88	96	93	1,350	10	10	12	12	10	7	16	6	4	9	8	12	116
Apoplexy.....	121	81	97	95	93	79	71	74	82	88	77	101	1,059	14	9	15	11	6	10	11	12	15	16	10	16	145
Convulsions.....	38	40	42	52	35	26	36	28	33	29	28	45	432	..	4	2	2	7	3	1	1	2	1	2	2	27
Meningitis and encephalitis.....	76	76	75	78	68	62	75	63	47	32	47	39	738	1	3	4	10	2	5	3	5	2	3	2	4	44
Other diseases of nervous system.....	61	67	43	44	57	61	48	58	55	51	52	50	647	3	5	5	8	3	4	5	8	3	8	4	7	63
Heart diseases.....	177	140	157	154	188	178	128	166	181	222	223	267	2,181	16	14	11	16	15	17	15	14	20	15	21	24	198
Other diseases of circulatory system.....	19	15	18	31	14	19	19	10	11	21	18	14	203	..	3	..	1	..	2	1	2	1	3	1	..	14
Bronchitis.....	105	118	133	96	86	52	41	46	64	83	83	132	1,030	7	17	14	6	4	3	4	4	8	8	7	6	88
Croup.....	9	21	15	11	6	7	6	3	5	10	15	14	122	2	2	2	1	..	1	..	1	..	1	2	1	13
Pneumonia.....	469	501	501	488	470	302	256	231	290	354	424	651	4,937	28	42	59	48	26	15	8	13	19	22	23	61	364
Other diseases of respiratory system.....	63	42	59	59	51	46	42	38	46	59	55	76	636	7	7	3	4	3	..	1	1	5	1	3	7	42
Gastro-enteritis and enteritis.....	34	38	35	55	52	83	306	297	244	122	48	40	1,354	3	..	1	6	1	6	20	22	14	10	5	..	88
Cirrhosis of liver and hepatitis.....	36	39	37	36	42	37	32	42	42	33	43	48	467	2	4	6	4	4	1	2	6	5	1	2	..	37
Other diseases of digestive system.....	112	110	134	118	111	123	112	114	113	123	68	58	1,341	9	9	5	9	6	9	16	5	10	5	10	4	97
Bright's disease and nephritis.....	258	250	257	271	248	222	201	201	191	193	223	255	2,770	18	16	21	11	12	15	9	19	16	18	19	17	191
Other urinary diseases.....	18	6	22	11	15	19	19	20	19	11	14	22	196	1	1	1	2	1	2	1	2	3	1	1	..	16
Premature and preterm births, { cyanosis and atelectasis.....	103	94	89	77	101	98	99	98	87	117	90	92	1,145	12	5	12	7	12	8	10	8	6	18	9	6	113
Puerperal diseases.....	32	25	23	32	31	41	27	27	21	30	21	28	338	4	..	5	4	5	4	..	2	4	3	5	2	38
Old age.....	52	59	45	51	41	54	41	52	59	42	48	76	620	1	7	5	3	1	5	5	11	8	8	5	6	65
Alcoholism.....	19	8	15	8	12	13	7	18	27	25	27	14	193	2	..	..	1	1	1	2	2	1	1	1	5	17
Sunstroke.....	..	..	..	..	..	11	72	45	240	..	..	..	368	..	..	..	..	..	3	3	1	13	..	..	..	20
† Accident.....	103	79	114	99	99	139	203	177	369	117	104	116	1,719	6	5	5	12	11	11	15	14	25	10	11	16	141
Homicide.....	10	4	7	11	12	3	7	9	6	4	7	8	88	..	..	..	..	..	..	..	3	..	..	1	1	5
Suicide.....	36	32	33	42	37	39	33	36	25	36	37	42	425	3	1	..	5	5	6	2	3	2	3	3	2	35
Under one year.....	607	606	669	653	643	695	1,453	1,233	1,092	730	473	581	9,415	36	48	64	58	51	42	123	126	85	51	33	31	748
Total under five years.....	1,000	1,057	1,174	1,121	1,083	1,007	1,944	1,688	1,539	1,051	744	919	14,327	80	93	130	119	99	78	164	166	121	87	57	70	1,264
Sixty-five years and over.....	398	360	343	350	327	321	288	320	368	344	390	572	4,381	51	48	35	38	30	35	35	40	46	51	55	67	531
Males.....	1,574	1,503	1,634	1,595	1,587	1,443	1,945	1,804	1,913	1,514	1,429	1,801	19,742	129	152	187	191	171	144	193	186	207	167	138	192	2,057
Females.....	1,343	1,245	1,390	1,383	1,337	1,290	1,664	1,623	1,566	1,338	1,225	1,541	16,945	126	129	165	141	132	121	139	171	136	141	128	165	1,694
Colored.....	89	74	96	70	86	86	108	111	94	77	64	68	1,053	4	4	4	4	2	3	4	1	12	11	10	7	66

** Table of Mortality from the Principal Causes of Death during the Year 1898.*

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.....	1,697	1,585	1,905	1,665	1,682	1,575	2,441	2,187	2,138	1,655	1,481	1,078	21,989	182	160	174	188	201	196	317	312	261	170	186	214	2,561
Yellow Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	....
Influenza.....	11	17	11	10	6	..	..	..	..	1	3	59	118	..	1	..	..	..	..	..	..	..	..	..	1	2
Cerebro-spinal Meningitis.....	3	6	5	12	13	8	5	6	9	9	2	2	82	2	1	..	1	3	..	2	2	1	1	1	..	14
Diphtheria.....	87	56	85	56	65	46	38	26	27	24	41	44	595	8	3	3	7	5	6	3	1	5	1	5	..	47
Erysipelas.....	8	11	2	8	8	5	2	3	1	..	2	3	53	..	1	2	2	1	..	1	..	..	..	..	..	..
Malarial Fevers.....	9	10	7	9	7	3	6	7	17	10	4	1	90	2	..	..	4	1	2	1	4	8	6	1	2	31
Measles.....	12	13	30	23	27	38	23	8	4	2	5	7	194	1	..	1	1	3	..	4	..	..	..	..	..	10
Scarlet Fever.....	16	19	12	16	21	19	12	7	11	9	6	11	159	..	..	..	3	5	5	1	2	..	1	2	..	19
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	....
Typhoid Fever.....	15	9	13	11	7	8	14	36	58	45	36	20	270	..	..	..	..	..	..	1	..	5	4	3	3	16
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	....
Whooping-cough.....	8	9	17	35	28	30	33	34	17	7	4	7	234	1	2	1	3	2	2	7	3	5	1	..	..	27
Cholera Morbus.....	1	..	..	..	..	1	14	13	8	1	1	..	39	..	..	..	..	..	..	1	1	..	..	..	..	2
Other Diarrhœal Diseases.....	9	7	10	9	12	91	643	507	314	72	25	11	1,710	1	..	1	1	3	10	78	76	37	8	3	..	213
Diarrhœos under five years.....	6	4	7	7	7	86	613	477	282	56	19	5	1,569	..	1	..	..	3	8	76	60	32	7	1	..	188
Other Zymotic Diseases.....	11	3	11	23	10	8	8	12	10	12	5	9	112	..	2	..	1	..	..	1	1	2	1	4	..	12
Cancer.....	50	39	57	61	51	58	61	36	54	53	46	66	632	4	4	6	4	3	6	10	7	5	2	7	7	65
Phthisis.....	211	195	223	182	196	200	200	197	207	189	173	221	2,394	17	21	20	24	25	21	23	18	14	14	17	25	239
Other Constitutional Diseases.....	75	69	69	62	81	54	58	55	64	65	50	71	803	3	4	4	5	8	3	11	7	5	8	2	1	61
Apoplexy.....	88	93	108	79	90	65	60	68	91	72	69	106	1,89	7	11	14	7	8	10	4	7	8	11	17	2	106
Convulsions.....	12	9	15	17	20	9	17	7	11	6	10	13	146	7	6	7	6	2	11	12	9	12	10	9	9	100
Meningitis and Encephalitis.....	39	37	53	51	48	32	57	65	49	45	24	35	575	4	8	9	7	8	8	11	10	10	3	1	9	88
Other Diseases of Nervous System ..	27	37	47	32	37	43	42	31	32	33	26	40	407	1	5	..	3	5	6	5	12	8	4	7	6	62
Heart Diseases.....	126	108	133	115	126	114	130	115	116	108	113	103	1,457	18	11	10	14	15	11	11	11	13	5	13	15	147
Other Diseases of Circulatory System	12	6	14	6	12	5	9	6	9	9	12	12	112	..	1	..	1	..	..	1	2	1	..	..	..	6
Bronchitis.....	64	67	74	75	64	40	32	30	32	62	65	94	699	10	5	5	2	9	4	3	1	4	..	12	19	80
Croup.....	17	15	20	13	7	12	5	10	13	10	12	16	150	3	4	1	4	1	..	..	1	3	6	3	26	
Pneumonia.....	244	215	209	244	215	134	118	88	94	149	205	379	2,384	31	27	37	34	25	15	14	8	10	10	23	53	267
Other Diseases of Respiratory System	48	29	37	33	21	31	21	17	12	28	34	46	357	5	5	4	3	3	3	3	2	4	2	1	6	41
Gastro-Enteritis and Enteritis.....	24	29	34	39	35	53	226	230	202	113	42	20	1,047	..	2	2	4	4	6	27	29	13	7	2	7	103
Cirrhosis of Liver and Hepatitis....	23	19	19	17	28	27	29	13	18	23	19	32	267	4	3	3	5	1	1	1	3	2	1	3	1	28
Other Diseases of Digestive System..	72	74	83	67	74	82	105	85	82	86	49	61	920	4	5	9	6	9	7	17	10	9	14	4	1	93
Bright's Disease and Nephritis.....	130	141	156	142	127	89	103	101	102	109	131	172	1,503	16	10	7	11	21	13	12	17	10	8	10	10	145
Other Urinary Diseases.....	7	8	8	8	8	20	6	12	9	13	7	16	112	1	..	..	..	..	1	1	1	..	..	1	1	6
Premature and Pretermatural Births, (Cyanosis and Atelectasis.....)	53	53	53	37	49	42	57	71	65	61	56	47	644	3	6	6	5	10	8	7	16	10	5	2	10	88
Puerperal Diseases.....	19	15	20	16	14	11	10	9	21	9	9	11	164	3	2	3	2	5	2	..	2	..	..	..	1	20
Old Age.....	30	28	39	30	28	19	26	23	38	21	40	46	380	5	..	5	1	1	9	5	5	7	6	3	3	50
Alcoholism.....	19	7	10	7	8	9	12	6	12	5	10	8	104	1	1	..	..	2	1	..	..	1	1	1	1	9
Stroke.....	..	..	..	..	..	3	34	14	90	..	..	..	141	..	..	..	..	..	1	1	1	11	..	..	..	14
Accident.....	38	34	52	38	62	55	96	85	150	56	65	50	781	13	4	8	8	8	13	16	15	21	13	13	7	139
Homicide.....	1	2	3	3	1	1	1	1	4	2	1	..	20	..	..	..	..	..	2	3	1	..	..	1	..	7
Suicide.....	15	8	14	13	11	16	17	24	15	22	18	16	189	3	1	..	2	2	5	5	6	5	3	2	..	34
Under one year.....	252	303	358	314	303	495	1,044	893	708	440	265	278	5,600	35	23	29	36	31	51	160	129	91	53	30	45	713
Total under five years.....	513	508	611	557	549	635	1,383	1,201	984	626	421	460	8,448	56	49	47	73	72	78	182	168	123	72	57	49	1,026
Sixty-five years and over.....	219	270	328	253	242	200	235	223	230	204	275	432	3,181	26	31	34	22	25	28	30	36	24	30	33	56	375
Males.....	874	811	995	884	878	827	1,312	1,135	1,178	866	779	989	11,558	102	92	96	97	114	102	173	159	133	91	103	109	1,371
Females.....	823	744	910	781	804	748	1,129	1,052	960	789	702	939	10,431	80	68	78	91	87	94	144	153	128	79	83	105	1,190
Colored.....	36	39	36	42	43	37	60	42	42	41	29	30	477	5	6	7	5	5	8	7	10	9	6	5	4	77

* *Table of Mortality from the Principal Causes of Death for the Year 1898.*

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.
Total, all causes	87	84	99	80	83	82	158	168	136	111	108	110	1,306	5,138	4,858	5,554	5,243	5,193	4,851	6,857	6,451	6,357	5,096	4,695	6,001	66,290
Yellow fever.....	1	..	..	..	1
Influenza.....	5	5	11	26	30	26	8	2	2	..	1	15	272	392	
Cerebro-spinal meningitis.....	1	..	..	..	2	..	3	23	25	33	39	43	35	38	29	27	23	20	23	351
Diphtheria.....	2	4	3	5	3	1	1	4	2	2	2	..	29	177	148	185	150	155	101	105	66	70	83	102	117	1,459
Erysipelas.....	2	..	..	..	..	..	..	..	..	2	14	22	14	23	17	13	7	14	2	4	7	11	148
Malarial fevers	1	..	..	1	..	..	1	..	..	..	..	3	17	16	12	21	21	12	12	34	52	30	15	8	250
Measles.....	1	..	..	..	..	..	..	..	1	84	71	113	93	78	71	52	20	15	8	17	29	651
Scarlet fever.....	1	..	..	..	..	..	1	..	2	104	85	90	75	98	72	48	18	21	26	22	44	702
Small-pox	1	..	1
Typhoid fever.....	1	2	1	8	1	1	..	14	21	21	27	19	18	28	37	93	167	109	82	54	676
Typhus fever.....	1	..	1
Whooping-cough.....	1	3	5	..	2	1	1	..	13	22	34	60	75	69	73	124	103	68	33	27	28	716
Cholera morbus.....	1	..	..	..	..	1	2	1	..	..	..	6	29	24	20	2	1	..	89

* Actual mortality.

† Including sunstroke.

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.
Other diarrhoeal diseases.....	1	..	..	..	1	1	23	24	15	8	3	..	76	56	52	57	74	79	267	1,618	1,310	866	262	76	46	4,753
Diarrhoeas under 5 years.....	1	..	..	..	..	1	23	22	12	8	3	..	70	46	47	51	60	67	252	1,347	1,209	787	216	54	31	4,367
Other zymotic diseases.....	..	..	1	..	..	1	..	..	..	..	1	3	6	22	14	24	23	20	24	22	26	19	35	20	26	275
Cancer.....	3	3	3	3	3	4	3	5	5	7	5	5	49	147	129	171	175	167	169	194	161	162	177	175	179	2,000
Phthisis.....	9	14	15	5	8	7	18	4	16	14	14	10	134	624	588	701	627	668	604	664	598	647	630	641	732	7,724
Other constitutional diseases.....	2	1	5	1	3	2	7	6	3	4	4	1	39	201	198	212	216	267	175	211	194	183	174	160	178	2,369
Apoplexy.....	4	1	..	5	4	6	8	8	6	3	11	6	62	234	195	234	197	201	170	154	169	202	190	154	231	2,361
Convulsions.....	4	..	..	4	..	3	2	1	5	4	2	1	26	61	59	66	81	64	52	68	46	63	50	51	70	731
Meningitis and encephalitis.....	6	1	2	..	4	5	3	4	3	1	2	1	32	126	145	143	146	130	132	149	147	111	84	76	88	1,477
Other diseases of nervous system.....	3	10	16	1	4	2	4	3	1	4	2	2	52	95	124	111	88	106	116	104	112	99	100	91	105	1,251
Heart diseases.....	12	15	9	9	8	13	10	4	8	7	7	8	110	349	288	320	308	352	333	294	300	338	357	377	477	4,093
Other diseases of circulatory system.....	2	1	1	..	1	1	3	1	3	..	1	2	16	33	26	33	39	27	27	33	21	25	33	32	28	357
Bronchitis.....	1	..	1	3	4	..	..	..	1	2	2	3	17	187	207	227	188	167	99	80	81	109	155	169	254	1,923
Croup.....	..	2	..	..	3	..	1	..	..	..	..	2	8	31	44	38	29	17	20	12	14	19	24	35	319	
Pneumonia.....	15	4	14	16	7	6	8	7	7	8	9	21	122	787	789	910	830	743	472	404	347	420	543	684	1,165	8,094
Other diseases of respiratory system.....	..	..	1	3	1	..	..	..	..	..	1	3	9	123	83	104	102	79	80	67	58	67	90	94	138	1,085
Gastro-enteritis and enteritis.....	1	..	..	1	1	..	13	26	4	6	7	2	61	62	69	72	105	93	148	592	604	477	258	104	69	2,653
Cirrhosis of liver and hepatitis.....	2	..	..	..	2	1	3	6	3	1	4	3	25	67	65	65	62	77	67	67	70	70	59	71	84	824
Other diseases of digestive system.....	3	2	9	8	11	4	8	4	8	4	4	3	63	200	200	240	208	211	225	258	218	227	232	135	167	2,521
Bright's disease and nephritis.....	3	6	11	5	6	2	7	6	6	9	6	10	77	425	423	452	440	414	341	332	344	325	337	389	464	4,686
Other urinary diseases.....	1	..	..	1	2	2	1	..	2	1	1	..	11	28	15	31	22	26	34	28	35	33	26	24	39	341
Premature and preterm births, } cyanosis and atelectasis.....	1	2	..	1	2	2	2	2	1	1	2	2	18	172	160	160	127	174	158	175	195	169	202	159	157	2,008
Puerperal diseases.....	..	2	2	..	1	..	1	1	1	..	..	1	8	58	44	53	54	55	59	37	41	47	42	35	43	568
Old age.....	..	4	6	6	7	2	5	2	3	2	3	5	45	83	98	100	91	78	89	82	105	115	79	99	136	1,160
Alcoholism.....	..	..	..	..	..	..	..	..	..	..	..	..	..	32	16	25	16	23	24	21	26	41	32	39	28	323
Sunstroke.....	..	..	..	..	..	..	2	1	3	..	..	..	6	..	..	..	..	..	18	112	62	357	..	..	..	519
* Accident.....	8	3	1	4	3	4	14	15	15	4	5	5	81	168	125	180	161	183	222	344	305	580	200	198	194	2,861
Homicide.....	..	..	..	..	1	..	..	..	..	..	..	..	1	11	6	10	14	14	6	11	14	10	6	10	9	121
Suicide.....	1	..	..	..	1	1	2	1	..	..	1	2	9	58	42	47	62	56	67	59	70	47	64	61	62	695
Under one year.....	9	11	13	16	14	13	51	70	33	21	22	21	294	969	933	1,133	1,077	1,042	1,186	2,831	2,456	2,009	1,295	823	956	16,770
Total under five years.....	21	14	26	23	22	23	70	88	49	40	32	26	434	1,670	1,721	1,958	1,893	1,825	1,821	3,743	3,311	2,816	1,876	1,311	1,524	25,409
Sixty-five years and over.....	34	36	30	18	22	21	30	21	17	17	31	40	317	798	745	770	681	646	605	618	640	685	646	784	1,167	8,785
Males.....	47	53	58	47	44	49	100	96	84	73	58	58	767	2,726	2,641	2,970	2,814	2,794	2,565	3,723	3,380	3,515	2,711	2,507	3,149	35,495
Females.....	40	31	41	33	39	33	58	72	52	38	50	52	539	2,412	2,217	2,584	2,429	2,399	2,286	3,134	3,071	2,842	2,385	2,188	2,852	30,799
Colored.....	2	..	5	..	3	1	3	8	8	1	1	1	33	136	123	148	121	139	135	182	172	165	136	109	140	1,706

* Including sunstroke.

Actual Number of Deaths from Certain Preventable Diseases, by Wards, for Year ending December 31, 1898.

BOROUGH OF MANHATTAN AND THE BRONX.

WARDS.	AREA IN ACRES.	POPULATION BY CENSUS OF 1895.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria.	Croup.	Typhoid Fever.	Small-pox.	Typhus Fever.	Yellow Fever.	Malarial Fevers.	Measles.	Scarlet Fever.	Whooping Cough.	Diarrhoeal Diseases.	Phthisis.	All Causes.	*All Causes, with Deaths in Institutions Redistributed.	In Institutions.	Deaths of Children under 5 Years.
Borough of Manhattan—																				
First.....	173.8	12,508	72.0	4	2	3	18	..	..	..	4	6	2	1	19	52	308	379	124	119
Second.....	78.0	1,038	13.3	1	..	..	1	..	..	..	..	..	..	..	..	2	35	36	9	2
Third.....	104.0	4,014	38.6	..	..	..	..	..	..	..	1	..	..	..	1	9	73	63	29	8
Fourth.....	83.3	18,405	220.9	2	9	1	3	..	..	..	1	7	6	1	31	106	669	677	179	260
Fifth.....	160.2	10,603	66.2	3	4	1	6	..	..	..	1	2	4	1	17	42	294	235	123	80
Sixth.....	101.1	22,897	226.5	2	6	..	6	..	..	..	1	7	7	3	20	116	561	574	148	230
Seventh.....	206.0	74,227	360.7	14	40	5	14	..	..	..	4	16	27	13	109	153	1,388	1,414	364	631
Eighth.....	177.1	31,374	177.2	1	13	7	7	..	..	..	5	10	16	5	43	119	765	858	144	305
Ninth.....	305.0	60,987	200.0	7	16	5	15	..	..	..	5	10	25	15	90	215	1,437	1,486	362	449
Tenth.....	109.0	70,168	643.8	5	26	5	7	..	..	..	1	17	30	15	82	120	1,071	987	355	529
Eleventh.....	213.0	86,722	407.1	10	43	5	6	..	..	..	1	15	27	22	115	140	1,489	1,628	310	731
Twelfth.....	5,920.0	364,412	61.6	58	161	19	92	..	..	..	29	99	85	82	635	831	7,863	8,144	1,968	2,918
Thirteenth.....	109.0	58,802	539.5	7	26	3	1	..	..	..	..	19	18	17	73	60	860	945	176	505
Fourteenth.....	108.0	31,904	295.4	8	13	6	4	..	..	..	2	17	9	6	68	79	934	1,047	177	534
Fifteenth.....	225.0	26,216	116.5	..	5	4	6	..	..	..	3	2	10	2	20	69	513	505	147	165
Sixteenth.....	318.0	57,430	180.6	8	18	4	15	..	..	..	..	4	9	15	66	148	1,185	1,204	314	349
Seventeenth.....	266.0	114,727	431.4	17	43	11	15	..	..	1	2	10	30	21	141	276	2,238	2,247	612	903
Eighteenth.....	500.0	67,469	134.9	11	38	3	18	..	1	..	4	7	30	17	69	202	1,533	1,372	539	502
Nineteenth.....	1,851.0	267,076	144.3	28	101	18	52	..	..	..	9	67	48	85	542	684	5,968	4,884	2,430	2,523
Twentieth.....	418.7	94,969	226.8	22	48	4	14	..	..	..	3	14	31	24	105	362	2,189	2,295	529	714
Twenty-first.....	380.0	72,144	189.9	6	23	4	14	..	..	..	4	19	15	15	76	227	1,647	1,506	557	488
Twenty-second.....	1,681.0	194,893	115.9	39	90	14	39	..	..	..	16	26	54	44	234	464	4,005	4,369	842	1,468
Borough of The Bronx—																				
Twenty-third.....	4,267.0	81,567	19.1	10	48	10	12	1	..	..	14	68	37	21	168	272	2,080	2,388	351	817
Twenty-fourth.....	22,255.8	43,508	1.9	4	15	3	11	..	..	..	17	4	3	17	78	209	1,241	1,199	373	349
Total.....	40,010.0	1,868,060	46.7	258	788	135	376	1	1	1	127	446	523	442	2,802	4,957	40,438	40,438	11,162	15,590

BOROUGH OF BROOKLYN.

WARDS.	AREA IN ACRES.	POPULA- TION BY CENSUS OF 1892.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria.	Croup.	Typhoid Fever.	Small pox.	Typhus Fever.	Yellow Fever.	Malarial Fevers.	Measles.	Scarlet Fever.	Whooping Cough.	Diarrheal Diseases.	Phthisis.	All Causes.	* All Causes, with Deaths in Institutions Redistributed.	In Institutions.	Deaths of Chil- dren under 5 Years.
First.....	233.0	22,784	97.9	..	9	1	4	..	..	..	2	5	3	4	21	35	372	398	34	133
Second.....	97.7	10,529	107.8	..	6	..	1	..	..	..	..	9	1	..	18	21	203	239	..	94
Third.....	161.4	24,140	149.6	..	10	1	6	..	..	..	1	1	2	2	23	37	325	366	14	112
Fourth.....	111.3	15,580	139.8	..	..	..	3	..	..	..	..	1	1	..	21	22	219	256	2	81
Fifth.....	119.4	19,175	160.6	1	13	5	..	..	..	..	2	23	5	5	50	34	467	550	..	260
Sixth.....	302.9	48,939	161.6	4	20	5	58	..	..	..	8	17	7	11	89	197	1,797	946	494	402
Seventh.....	458.5	39,490	86.1	1	28	7	9	..	..	..	3	5	7	2	31	53	631	728	13	210
Eighth.....	1,843.2	42,753	23.2	5	24	6	17	..	..	..	8	20	5	13	67	81	889	972	64	432
Ninth.....	623.6	21,084	33.8	6	12	2	7	..	..	..	3	5	5	2	53	67	709	741	80	258
Tenth.....	318.7	50,318	157.9	4	19	7	4	..	..	..	2	7	6	5	84	65	774	911	..	374
Eleventh.....	252.6	25,007	99.0	..	10	1	9	..	..	..	6	3	3	4	49	61	604	500	179	190
Twelfth.....	663.1	31,734	47.9	3	18	3	6	..	..	..	1	10	8	9	80	65	698	822	..	305
Thirteenth.....	230.3	24,282	105.4	3	9	2	5	..	..	..	4	..	3	3	36	48	457	471	57	135
Fourteenth.....	282.6	32,629	115.5	5	27	8	..	..	..	..	1	8	4	7	74	49	679	800	..	383
Fifteenth.....	244.8	30,319	123.8	1	28	8	4	..	..	..	1	1	4	5	35	61	579	682	..	266
Sixteenth.....	244.8	51,152	209.0	6	31	13	6	..	..	..	2	4	11	15	104	85	876	1,032	..	473
Seventeenth.....	823.3	46,315	56.3	3	28	12	8	..	..	..	6	4	4	16	90	91	1,020	1,193	7	484
Eighteenth.....	873.0	22,267	25.5	2	30	8	16	..	..	..	6	5	6	5	53	113	802	615	280	280
Nineteenth.....	413.8	38,187	92.3	2	4	3	6	..	..	..	2	4	8	8	40	46	566	667	..	198
Twentieth.....	461.5	26,120	56.6	1	9	2	7	..	..	..	1	4	..	1	25	36	463	438	91	123
Twenty-first.....	483.2	57,362	118.7	1	29	5	11	..	..	..	5	9	4	10	58	110	941	1,099	8	366
Twenty-second.....	1,361.6	57,807	42.5	5	32	6	9	..	..	..	3	5	5	12	53	93	1,030	1,025	160	348
Twenty-third.....	736.0	33,292	45.2	2	19	3	11	..	..	..	6	2	1	15	34	66	892	784	226	235
Twenty-fourth.....	1,198.5	17,888	14.9	4	16	4	14	..	..	..	1	6	5	13	48	142	798	576	309	220
Twenty-fifth.....	567.8	56,682	99.8	5	35	7	10	..	..	..	4	3	3	15	70	77	760	866	25	281
Twenty-sixth.....	3,590.2	38,541	10.7	5	27	10	7	..	..	..	3	6	6	24	101	93	949	1,075	36	453
Twenty-seventh.....	400.7	34,695	86.7	3	14	6	2	..	..	..	3	3	5	11	92	86	768	861	37	358
Twenty-eighth.....	884.4	38,882	44.0	5	35	14	9	..	..	..	1	8	15	8	106	132	1,176	1,341	37	469
Twenty-ninth.....	3,800.0	12,625	3.3	2	35	..	9	..	..	..	1	7	6	6	66	281	1,432	352	1,153	300
Thirtieth.....	5,404.1	9,120	1.7	1	12	..	9	..	..	..	1	6	4	3	18	25	295	346	1	107
Thirty-first.....	6,312.3	8,418	1.3	2	5	1	2	..	..	..	3	3	..	..	43	16	211	235	11	89
Thirty-second.....	5,479.5	4,234	.8	..	1	..	1	..	..	..	..	..	2	..	11	9	87	102	..	29
Total.....	38,977.8	992,355	25.5	82	595	150	270	..	..	..	90	194	159	234	1,749	2,394	21,989	21,989	3,318	8,448

BOROUGH OF QUEENS.

First.....	35,682	..	7	16	12	6	..	..	..	14	5	4	3	67	88	837	860	81	338
Second.....	19,739	..	2	12	9	4	..	..	..	10	1	11	9	51	52	630	669	3	292
Third.....	20,762	..	2	7	2	4	..	..	..	3	1	3	5	40	59	450	415	61	159
Fourth.....	17,303	..	2	10	2	1	..	..	..	4	3	..	10	41	32	453	469	14	183
Fifth.....	**	..	1	2	1	1	..	..	..	..	..	1	..	21	8	137	144	2	54
Not stated.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	..
Total.....	..	..	14	47	26	16	..	..	..	31	10	19	27	220	239	2,561	2,561	161	1,026

BOROUGH OF RICHMOND.

First.....	17,212	..	1	11	2	5	..	..	..	1	1	..	4	27	39	459	375	171	120
Second.....	11,457	..	1	8	2	2	..	..	..	..	..	..	4	21	38	282	289	60	112
Third.....	9,603	..	1	3	1	2	..	..	..	..	..	1	2	5	31	209	247	19	54
Fourth.....	6,306	..	..	2	1	5	..	..	..	1	..	..	1	17	13	212	223	41	105
Fifth.....	8,742	..	..	5	2	..	..	..	..	1	..	1	2	7	13	144	172	12	43
Total.....	37,760	53,220	1.4	3	29	8	14	..	..	3	1	2	13	77	134	1,306	1,306	303	434

* Deaths in institutions redistributed to the wards in the same proportion that the deaths in each ward, exclusive of those in institutions, bear to the total number exclusive of institutions.
† Including portion of Westchester County, comprising 14,205.5 acres (preliminary estimate by Commissioner of Street Improvements), annexed June 6, 1895. Population of annexed territory was estimated at 17,000 on July 1, 1895, and is included in the population of the Twenty-fourth Ward.
** The population of the Fifth Ward of the Borough of Queens, by census, cannot be given, as it formed only part of the town of Hempstead.

Deaths According to Nativity of Deceased, and Parents of Deceased, for Year ending December 31, 1898.

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.	
Africa.....	5	..	..	1	..	6	3	..	..	1	..	4
Armenia.....	2	1	..	..	..	3	5	1	..	..	..	1
Alaska.....	..	..	1	..	..	1	..	..	..	..	..	..
Australia.....	2	..	4	..	2	8	3	..	6	..	2	11
Austria-Hungary.....	611	31	79	7	9	737	1,439	46	209	21	14	1,729
Belgium.....	12	1	7	1	3	24	13	1	6	1	3	24
Bohemia.....	179	14	4	11	1	209	353	19	4	23	1	400
Brazil.....	..	..	..	..	..	..	..	..	..	..	..	..
British America.....	177	25	109	8	9	328	88	13	94	9	9	213

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.	
Canary Islands.....	....	....	....	....	1	1	....	....	....	....	1	1
China.....	79	1	2	....	....	82	75	1	2	....	....	78
Corsica.....	1	....	....	....	....	1	1	....	....	....	....	1
Cuba.....	51	1	9	....	1	62	50	2	11	....	1	64
Denmark.....	26	2	53	1	5	87	23	7	64	2	5	101
England.....	667	75	598	44	41	1,425	637	92	701	58	34	1,522
Europe.....	1	....	....	....	....	1	2	....	....	....	....	2
Finland.....	14	3	17	2	4	40	25	4	33	3	4	69
France.....	199	13	46	15	7	280	225	14	64	17	8	328
Germany.....	3,599	470	2,224	374	125	6,792	5,143	732	3,791	616	171	10,453
Greece.....	14	....	1	....	....	15	14	....	1	....	....	15
Greenland.....	1	1	....	....	....	2	1	....	....	....	....	1
Holland.....	27	1	17	2	2	49	37	1	22	2	2	64
India.....	....	....	1	....	....	1	....	....	1	....	....	1
Ireland.....	5,172	520	2,841	221	150	8,904	8,468	863	4,540	394	214	14,479
Italy.....	904	71	294	31	10	1,310	2,788	168	920	93	28	3,997
Java.....	....	....	....	....	1	1	....	....	....	....	1	1
Japan.....	2	....	....	....	....	2	2	....	1	....	....	3
Malta.....	1	....	....	....	....	1	....	....	....	....	....	....
Mexico.....	3	....	1	....	....	4	1	....	1	....	....	2
Morocco.....	1	....	....	....	....	1	1	....	....	....	....	1
Norway.....	46	6	....	3	5	60	55	10	....	10	5	80
Nassau, N. P.....	....	....	....	....	....	....	1	....	....	....	....	1
New Zealand.....	....	....	1	....	....	1	....	....	....	....	....	....
Palestine.....	2	1	....	....	....	3	1	....	....	....	....	1
Persia.....	1	....	....	....	....	1	....	....	....	....	....	....
Poland.....	47	2	34	6	....	89	81	11	107	32	1	232
Philippine Islands.....	....	....	....	....	1	1	....	....	....	....	1	1
Porto Rico.....	....	....	....	....	....	....	....	....	....	....	....	....
Portugal.....	4	1	4	....	2	11	1	1	10	....	2	14
Prince Edward Island.....	....	....	....	....	....	....	....	....	....	....	....	....
Roumania.....	44	5	2	....	....	51	98	6	13	....	....	117
Russia.....	784	40	134	9	3	970	1,959	88	483	16	6	595
Sandwich Islands.....	1	....	....	....	....	1	....	....	....	....	....	....
Scandinavia.....	....	....	299	....	....	299	....	....	606	....	....	606
Scotland.....	194	24	159	20	13	410	235	34	236	28	12	545
South America.....	14	2	1	3	....	20	9	1	....	2	....	12
Spain.....	10	2	9	1	....	22	12	3	15	....	....	30
St. Helena.....	1	....	....	....	....	1	....	....	....	....	....	....
Sweden.....	136	15	....	10	5	166	158	31	....	10	5	234
Switzerland.....	123	18	36	9	5	191	130	23	48	11	6	218
Syria.....	8	2	....	....	....	10	21	1	1	....	....	23
Turkey.....	7	1	3	....	....	11	4	1	3	....	....	8
United States.....	22,973	2,366	14,833	1,744	876	42,792	6,433	777	5,879	711	310	14,190
Unknown.....	491	31	129	34	22	707	4,028	283	1,570	219	252	6,352
Uruguay.....	1	....	....	....	....	1	....	....	....	....	....	....
Wales.....	7	1	12	1	3	24	11	1	10	1	3	26
Other West Indies.....	43	4	25	3	....	75	40	5	21	3	....	69
Mixed nationalities.....	....	....	....	....	....	....	3,983	511	2,514	278	125	7,411
Total.....	36,687	3,751	21,989	2,561	1,306	66,294	36,687	3,751	21,989	2,561	1,306	66,294

Deaths by Suicide in Borough of Manhattan during Year ending December 31, 1898.

NATIVITY.	Cuts and Stabs.		Gunshots.		Hanging.		Leaps.		Drowning.		Strangulation.		Ignition of Clothing.		Illuminating Gas.		Leaps in front of Railroad Trains.		Arsenic.		Paris Green.		Corrosive Sublimates.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria-Hungary.....	..	..	4	..	1	..	..	..	1	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..
Bohemia.....	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
British America.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..
England.....	1	2	3	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
France.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	1	..	..	..	1	..	..	..	..
Germany.....	4	..	32	..	18	2	1	1	1	..	1	..	..	..	13	5	..	..	1	1	3	..	1	..
Ireland.....	1	1	2	..	2	..	..	..	..	..	..	..	..	..	2	1	..	..	..	1	2	..	..	..
Italy.....	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Russia.....	..	..	2	..	2	..	2	..	..	..	..	..	..	..	3	1	..	1	..	..	..	..	..	..
Scotland.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland.....	..	..	1	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..
Other foreign countries.....	..	..	7	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
United States.....	4	..	39	2	5	..	4	2	1	..	..	..	1	14	5	..	..	2	5	2	..	..	..	..
Unknown.....	1	..	4	2	..	..	..	1	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..
Total.....	11	3	98	5	32	2	8	3	6	..	1	..	1	38	22	2	..	2	4	9	8	..	1	..

Deaths by Suicide in Borough of Manhattan during Year ending December 31, 1898—(Continued).

NATIVITY.	Carbolic Acid.		Hydrochloric Acid.		Rough on Rats.		Battery Fluid.		Cyanide of Potassium.		Laudanum.		Lime Chloride.		Morphine.		Opium.		Poison, not Specified.		Total, by Sexes.		Total of both Sexes.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Austria-Hungary.....	2	4	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	11	5	16
Bohemia.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	6
British America.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	5
England.....	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	6	9	15
France.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5
Germany.....	29	7	1	..	..	..	1	1	..	..	1	..	..	..	4	..	..	..	..	..	106	22	128
Ireland.....	6	6	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	14	12	26
Italy.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	4
Russia.....	10	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	6	26
Scotland.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Switzerland.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	5
Other foreign countries.....	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	3	15
United States.....	25	36	..	..	2	..	..	..	..	..	1	..	..	..	3	..	..	1	..	..	104	50	154
Unknown.....	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	4	22
Total.....	86	66	1	..	2	1	1	1	..	1	1	..	1	8	..	..	1	1	1	..	307	121	428

*Deaths by Suicide in The City of New York during the Year ending December 31, 1898.

NATIVITY.	Cuts and Stabs.		Gunshots.		Hanging.		Leaps.		Leaps in front of Rail-road Trains.		Drowning.		Strangulation.		Ignition of Clothing.		Rough on Rats.		Illuminating Gas.		Arsenic.		Paris Green.		Corrosive Sublimate.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria-Hungary.....	..	..	4	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..
Bohemia.....	..	..	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
British America.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	..	..	..	..	..	..
England.....	1	3	3	1	2	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..
France.....	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..
Germany.....	5	1	54	1	42	3	2	1	..	..	1	..	1	..	..	..	..	..	22	9	2	1	2	4	..	2
Ireland.....	2	2	4	..	4	..	..	..	..	..	..	1	..	..	..	..	..	1	2	3	1	2	1	3	..	..
Italy.....	..	..	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Russia.....	..	..	3	..	2	1	2	..	..	..	..	..	..	..	..	..	..	..	4	1	1	..	..	..	..	..
Scotland.....	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Switzerland.....	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..
Other foreign countries.....	..	..	10	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..
United States.....	10	1	62	2	10	..	5	2	..	..	1	1	1	..	..	1	2	..	25	10	..	2	7	3	..	1
Unknown.....	3	..	6	3	4	..	..	..	1	..	1	..	..	..	..	..	..	..	3	..	..	..	1	..	..	..
Total.....	21	7	157	7	71	5	10	3	2	..	6	2	2	..	..	1	2	1	63	34	5	6	13	12	..	3

NATIVITY.	Carbolic Acid.		Hydrochloric Acid.		Oxalic Acid.		Laudanum.		Morphine.		Opium.		Potash.		Cyanide of Potassium.		Lime Chloride.		Battery Fluid.		Poison, not Specified.		Total, by Sexes.		Total of 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.	
Austria-Hungary.....	2	4	..	..	..	..	..	..	I	..	..	..	..	..	..	..	..	..	..	..	..	..	11	5	16
Bohemia.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	1	7
British-America.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4	7
England.....	4	4	..	..	..	..	..	..	..	..	..	I	..	..	..	..	..	..	..	..	..	I	13	10	23
France.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5
Germany.....	47	13	2	..	..	I	..	I	4	..	I	..	I	..	I	..	..	..	..	I	..	..	187	38	225
Ireland.....	10	11	..	..	..	..	..	..	..	..	..	I	..	..	..	..	..	I	..	..	..	..	24	25	49
Italy.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	6
Russia.....	10	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	9	31
Scotland.....	1	1	..	..	..	..	..	..	..	..	I	..	..	..	..	..	..	..	..	..	..	..	5	2	7
Switzerland.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2	8
Other foreign countries.....	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	5	24
United States.....	39	51	2	..	2	..	I	..	3	..	2	I	..	..	2	..	..	..	..	..	I	..	175	75	250
Unknown.....	12	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	7	37
Total.....	133	97	4	..	2	I	I	I	8	..	4	3	I	..	3	..	..	I	..	I	I	I	509	186	695

*The 695 suicides in The City of New York took place in the boroughs as follows: Manhattan, 428; The Bronx, 189; Brooklyn, 35; Queens, 34; Richmond, 9.

Deaths by Accident and Negligence during Year ending December 31, 1898.

	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Fractures and contusions—						
Crushed by elevator.....	15	..	2	..	..	17
“ machinery.....	2	..	13	..	..	15
Diving.....	5	..	1	..	..	6
Struck by falling stone from blasts.....	1	1	..	..	..	2
“ “ derrick.....	..	..	4	..	..	4
“ other bodies.....	37	1	20	..	..	58
Not defined by Coroners.....	118	23	12	10	2	165
Falls—						
From bridge.....	1	1	1	..	1	4
“ window.....	60	2	40	..	..	102
“ scaffold.....	15	1	4	1	..	21
“ building.....	18	3	1	1	..	23
“ fire-escape.....	15	1	2	..	..	18
In street.....	15	1	12	2	1	31
Down hold of ship.....	4	..	4	..	..	8
“ elevator shaft.....	8	..	4	..	..	12
“ stairs.....	58	1	21	..	..	80
“ hatchway.....	7	..	..	..	..	7
“ air-shaft.....	11	..	1	..	..	12
“ area.....	2	..	..	..	..	2
Other than above.....	57	9	43	2	5	116
Not defined by Coroners.....	70	5	..	2	1	78
Street Vehicles—						
Run over by wagons, trucks, etc.....	65	2	21	..	..	88
Fall from wagons, trucks, etc.....	28	..	19	2	..	49
Fall, knocked down by or thrown from bicycles.....	9	..	4	..	..	13
Burns—						
In burning buildings.....	12	..	9	..	..	21
By explosion of lamp.....	9	..	10	..	..	19
“ oil stoves.....	3	..	1	..	..	4
By other causes.....	21	2	41	7	7	78
Not defined by Coroners.....	68	5	..	7	3	83
Scalds—						
By escaping steam.....	7	..	..	2	..	9
By hot fluids.....	10	1	22	1	..	34
Not specified by Coroners.....	34	2	..	..	..	36
By other causes.....	4	..	..	..	..	4
Killed by railroads—						
Cable cars.....	19	..	1	..	..	20
Elevated railroad.....	11	..	10	..	..	21
Horse cars.....	16	1	..	..	..	17
Trolley cars.....	23	3	43	2	1	72
Steam railroads.....	22	17	14	25	5	83
Not specified by Coroners.....	2	..	..	2	..	4
Suffocation—						
Caving in of embankments, etc.....	2	4	1	2	..	9
Food in larynx, etc.....	3	..	2	1	..	6
Foreign body in larynx, etc.....	3	..	1	..	..	4
In burning buildings.....	4	..	5	..	..	9
In sewers, manholes, etc.....	2	..	..	..	..	2
Overlaid in bed.....	30	..	5	3	..	38
Not specified by Coroners.....	..	1	..	..	..	1
Other causes.....	9	..	5	..	1	15
Explosions—						
Steam boilers, pipes, etc.....	1	..	..	..	..	1
Holders of compressed gases.....	7	..	1	..	..	8
Toy cannon.....	..	..	..	1	..	1
Drowning—						
In rivers.....	201	19	131	26	33	410
In tubs, barrels, pails, etc.....	7	..	..	..	..	7
Poison by—						
Alcohol.....	1	..	..	..	..	1
Alkaloid, unspecified.....	1	..	..	..	..	1
Arnica.....	1	..	..	..	..	1
Arsenic.....	3	..	..	..	..	3
Atropine.....	1	..	1	..	..	2
Benzine.....	1	..	..	..	..	1
Berries.....	..	..	1	..	..	1
Bichloride of mercury.....	..	..	3	..	..	3
Carbolic acid.....	15	2	15	1	..	33
Carbon dioxide.....	..	..	1	1	..	2
Carbon monoxide.....	4	..	3	1	..	8
Cocaine.....	1	..	..	..	..	1
Chloroform.....	3	..	2	..	..	5
Ether.....	1	..	..	..	..	1
Illuminating gas.....	55	5	28	1	1	90
Iodine.....	..	..	1	..	..	1
Poison by—						
Irritant poison.....	2	..	..	..	..	2
Lead.....	4	1	3	..	..	8
Morphine.....	5	..	2	..	..	7
Nicotine.....	..	..	..	1	..	1
Nitric acid.....	1	..	..	..	..	1
Opium.....	6	..	4	..	..	10
Oxalic acid.....	..	..	1	..	..	1
Paris green.....	1	..	1	1	..	3
Phosphorus.....	1	..	1	1	..	3
Potash.....	1	..	..	..	..	1
Potassium chromate.....	..	..	1	..	..	1
Ptomaines.....	1	..	1	..	..	2
Pyrogallie acid.....	1	..	..	..	..	1
Sodium bromide.....	..	..	..	1	..	1
Strychnine.....	1	..	..	..	..	1
Sulphuric acid.....	1	..	..	..	..	1
Not specified by coroners.....	2	..	..	..	..	2
Wounds—						
Incised.....	2	..	4	..	1	7
Lacerated.....	14	..	2	..	..	16
Gunshot.....	18	2	12	7	7	46
Others.....	2	3	7	..	..	12
Not specified by coroners.....	..	..	..	4	..	4
Horses—						
Kicked by.....	12	..	..	..	..	12
Runaways, falls, etc.....	5	..	2	..	2	9
Criminal abortion.....	8	1	1	..	..	10
Electric current.....	3	..	4	1	2	10
Sunstroke.....	368	20	141	14	6	549
Neglect and exposure.....	12	..	5	3	2	22
Circumcision.....	5	..	3	..	..	8
Surgical operations.....	5	1	..	2	..	8
Struck by lightning.....	..	..	..	1	..	1
RECAPITULATION.						
Fractures and contusions.....	178	25	52	10	2	267
Falls.....	341	24	133	8	8	514
Vehicles.....	102	2	44	2	..	150
Burns and scalds.....	168	10	83	17	10	288
Railroads.....	93	21	68	29	6	217
Suffocation.....	53	5	19	6	1	84
Explosions.....	8	..	1	1	..	10
Drowning.....	208	19	131	26	33	417
Poison.....	114	8	69	8	1	200
Wounds.....	36	5	25	11	8	85
Horses.....	17	..	2	..	2	21
Criminal abortion.....	8	1	1	..	..	10
Electric current.....	3	..	4	1	2	10
Sunstroke.....	368	20	141	14	6	549
Neglect and exposure.....	12	..	5	3	2	22
Circumcision.....	5	..	3	..	..	8
Surgical operations.....	5	1	..	2	..	8
Lightning.....	..	..	..	1	..	1
Total deaths from accidents and negligence.....	1,719	141	781	139	81	2,861
Deaths in Institutions during Year 1898, Boroughs of Manhattan and The Bronx.						
Almshouse.....						595
Babies' Hospital.....						89
Bellevue Hospital.....						1,479
Beth Israel Hospital.....						30
City Hospital.....						612
*Colored Home and Hospital.....						87
Columbus Hospital.....						36
Flower Hospital.....						92
*Fordham Hospital.....						113
Foundling Hospital.....						620
French Hospital.....						39
German Hospital.....						184
Gouverneur Hospital.....						239
Hahnemann Hospital.....						26
Harlem Hospital.....						219
Home for Aged (Little Sisters of Poor).....						91
Home for Aged and Infirm Hebrews.....						33
*Home for Incurables.....						81
House of Relief (Hudson street).....						180
Infants' Hospital (Randall's Island).....						259
**Manhattan State Hospital.....						603
Metropolitan Hospital.....						429
Montefiore Home.....						115
Mount Sinai Hospital.....						327
New York Hospital.....						334
New York Infirmary for Women and Children.....						49
Nursery and Child's Hospital.....						248
Polyclinic Hospital.....						30
Post Graduate Hospital.....						311
Presbyterian Hospital.....						368
Randall's Island Hospital.....						54
Reception Hospital.....						26
*Riverside Hospital.....						165
Roosevelt Hospital.....						404

*Institutions so marked are situate in the Borough of The Bronx.

**One of the divisions of Manhattan State Hospital is situated in the Borough of The Bronx.

St. Francis Hospital	199
St. John's Guild Hospital	28
*St. Joseph's Hospital	507
St. Luke's Hospital	329
St. Mark's Hospital	79
St. Vincent's Hospital	176
*Seton Hospital	115
Skin and Cancer Hospital and New York Cancer Hospital	57
Sloane Maternity Hospital	70
Trinity Hospital	15
Willard Parker Hospital	152
Woman's Hospital	23
Wright Memorial Hospital	122
Other Institutions	723

Total..... 11,162

Deaths in Institutions in the Year 1898, Borough of Brooklyn.

Almshouse	150
Baptist Home	5
Brooklyn Maternity	22
Brooklyn Hospital	169
Brooklyn Central Throat Hospital	10
Bushwick Hospital	14
Convent of Mercy	4
Eastern District Hospital	52
Faith Home	5
German Evangelical Home	37
Graham Institute	4
Homeopathic Hospital	85
Home for Aged, C. C. F.	5
Home for Aged, Little Sisters of the Poor, Twenty-second Ward	35
Home for Aged, Little Sisters of the Poor, Twenty-seventh Ward	37
Home for Aged, Ninth Ward	10
Home for Aged, Seventeenth Ward	4
Home for Consumptives	78
House of Good Shepherd	5
Infants' Hospital	77
Kings County Hospital	790
Kings County Jail	5
Kings County Penitentiary	9
Kingston Avenue Hospital	51
Long Island College Hospital	168
Long Island State Hospital	156
Low's Maternity Hospital	4
Lutheran Hospital	22
Memorial Hospital	40
Methodist Episcopal Home	6
Methodist Episcopal Hospital	122
Norwegian Hospital	64
Orphan Home, Eighteenth Ward	7
St. Agnes' Home	7
St. Catharine's Hospital	273
St. Christopher's Hospital	33
St. John's Home	14
St. John's Hospital	83
St. Joseph's Orphan Asylum	5
St. Malachi's Home	5
St. Martha's Sanitarium	6
St. Mary's Hospital	232
St. Mary's Maternity Hospital	14
St. Peter's Hospital	324
Seaside Home	7
Warthburg Home	6

* Institutions so marked are situate in the Borough of The Bronx.

Woman's Aid Nursery	8
Other institutions	41
Total	3,318

Deaths in Institutions for Year 1898, Borough of Queens.

Astoria Institute, Astoria	7
Breezehurst Terrace, Whitestone	3
Flushing Hospital, Flushing	56
Hebrew Savitarium, Rockaway Park	2
Jamaica Hospital, Jamaica	12
Orphan Home, Eas. Williamsburg	3
Sanford Hall, Flushing	2
St. John's Hospital, Long Island City	74
Other Institutions	2

Total..... 161

Deaths in Institutions for Year 1898, Borough of Richmond.

Mount Loretto	12
Nursery and Child's Hospital	20
Richmond County Almshouse	19
Sailors' Snug Harbor	93
Seaside Hospital	25
Smith Infirmary	78
Staten Island Hospital	5
United States Marine Hospital	40
United States Reservation, Fort Wadsworth	11

Total..... 303

RECAPITULATION—CITY OF NEW YORK.

Prisons	125
Hospitals	12,032
Insane Asylums	766
Institutions for Children	834
Homes for Aged	383
Almshouse	764
Other Institutions	40

Total..... 14,944

Deaths of Persons 100 Years of Age and Over during Year 1898.

DATE OF DEATH.	NAME.	AGE.			NATIVITY.	BOROUGH OF—					CAUSE OF DEATH.
		Years.	Months.	Days.		Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Mar. 24	Mary A. Perkins	101	2	..	England	..	..	1	..	..	Old age.
Mar. 29	Emanuel Schwab	101	..	..	Germany	1	..	..	..	..	"
May 6	Jane A. Brown	104	11	29	United States	..	..	1	..	..	"
June 13	Mary Ann Cobb	100	..	..	United States	1	..	..	..	..	"
Oct. 5	William Carroll	103	..	..	Ireland	..	..	1	..	..	"
Nov. 2	Margaret Criley	107	..	..	Ireland	1	..	..	..	..	"
Nov. 28	Bridget Fitzpatrick	101	..	..	Ireland	..	..	..	..	1	"
Dec. 24	Kate Doran, or Durneen	108	..	..	Ireland	1	..	..	..	..	Chronic nephritis

Table of Births Reported by Months for the Year 1898, Showing Color, Nativity of Parents, Number Reported by Physicians and Midwives, Illegitimate and Twin Births.

MONTH.	TOTAL.	WHITE.		COLORED.		NATIVITY OF PAR NTS.								BIRTHS REPORTED BY		Births Apparently Illegitimate.	Pairs of Twins Reported.
		Male.	Female.	Male.	Female.	NATIVITY.		FOREIGN.		MIXED.		NOT STATED.		Physician	Midwife.		
						Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
January.....	6,992	3,549	3,343	53	47	1,043	968	2,034	1,929	488	463	37	30	3,865	3,127	106	49
February.....	6,256	3,207	2,960	44	45	896	837	1,852	1,683	464	460	39	25	3,417	2,839	94	39
March.....	6,917	3,470	3,347	52	48	962	931	2,001	1,940	521	480	38	44	3,686	3,231	111	41
April.....	6,285	3,160	3,011	60	54	901	910	1,786	1,671	498	451	35	33	3,517	2,768	106	49
May.....	6,226	3,120	3,031	26	49	934	892	1,704	1,668	473	485	35	35	3,570	2,655	119	41
June.....	6,129	3,085	2,944	45	55	947	872	1,683	1,655	465	449	35	23	3,475	2,654	119	54
July.....	6,549	3,244	3,177	58	50	913	979	1,835	1,743	505	453	49	52	3,662	2,867	102	49
August.....	6,815	3,440	3,317	41	47	979	971	1,956	1,825	517	542	19	26	3,653	3,192	102	44
September.....	6,770	3,346	3,344	43	37	965	943	1,866	1,885	526	537	32	16	3,801	2,969	86	53
October.....	6,829	3,455	3,270	43	61	927	1,002	1,990	1,789	548	508	33	32	3,754	3,075	109	54
November.....	6,399	3,293	3,024	34	48	936	890	1,847	1,675	522	477	22	20	3,555	2,844	97	56
December.....	6,751	3,464	3,191	38	58	915	947	1,933	1,761	561	513	33	28	3,516	3,235	98	47
Total.....	78,928	39,833	37,959	537	599	11,318	11,142	22,557	21,224	6,083	5,828	407	364	43,471	35,457	1,249	576

Marriages by Months for the Year 1898, showing Sex, Color, Previous Condition and Nativity.

MONTH.	TOTAL.	WHITE.		COLORED.		SINGLE.		WIDOWED.		NATIVE.		FOREIGN.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
January	2,321	2,254	2,215	67	66	2,024	2,011	197	250	1,010	1,080	1,311	1,241
February	2,562	2,504	2,504	58	58	2,270	2,328	292	234	1,096	1,148	1,466	1,414
March	2,073	2,012	2,018	61	55	1,763	1,856	310	217	801	891	1,272	1,182
April	2,510	2,434	2,435	66	65	2,151	2,232	319	268	1,200	1,284	1,300	1,216
May	2,115	2,052	2,050	63	65	1,828	1,909	287	206	881	951	1,234	1,161
June	2,926	2,862	2,865	64	61	2,584	2,658	342	268	1,417	1,523	1,519	1,463
July	2,190	2,146	2,146	44	44	1,909	1,975	281	215	1,054	1,157	1,106	1,033
August	1,955	1,921	1,923	34	32	1,685	1,720	270	235	852	932	1,103	1,023
September	2,227	2,194	2,173	53	54	1,954	2,001	273	226	1,026	1,131	1,201	1,096
October	2,715	2,640	2,642	75	73	2,430	2,469	285	246	1,355	1,459	1,360	1,255
November	2,783	2,712	2,715	76	73	2,499	2,516	289	272	1,309	1,433	1,479	1,355
December	2,513	2,448	2,450	65	63	2,244	2,270	269	243	1,022	1,109	1,491	1,404
Total	28,885	28,159	28,176	726	709	25,341	26,005	3,544	2,880	13,053	14,098	15,832	14,787

NUMBER AND LOCATION OF INTERMENTS IN THE CITY OF NEW YORK DURING THE YEAR 1898.

Name of Cemetery.		Borough of Manhattan.		Number of Interments.
First Presbyterian Church, vault.....				2
Marble Cemetery.....				15
St. Paul's Church, vault.....				2
St. Patrick's Church, vault.....				1
Trinity Cemetery.....				129
Trinity Church, vault.....				5
Total.....				154

Name of Cemetery.		Borough of The Bronx.		Number of Interments.
City Cemetery.....				4,982
Eastchester.....				1
St. Raymond's.....				1,504
Woodlawn.....				1,566
Total.....				8,053

Name of Cemetery.		Borough of Brooklyn.		Number of Interments.
		(First quarter of year not included.)		
Canarsie.....		Holy Cross.....		5,254
County Farms.....		Holy Trinity.....		1,042
Cypress Hills.....		Maimonides.....		11
Evergreens.....		Mount Hope.....		53
Flatlands.....		Salem Fields.....		127
Friends'.....		Washington.....		2,009
Gravesend.....				
Greenwood.....		Total.....		14,056
		3,371		

Name of Cemetery.	Number of Interments.	Name of Cemetery.	Number of Interments.
Hillside	10	Silver Lake	675
Lake	49	Silver Mount.....	99
Lutheran	4	Springville.....	13
Moravian	203	Staten Island.....	19
Mount Loretto.....	13	Sylvan.....	6
Reformed Church ..	1	West Baptist.....	2
Sailors' Snug Harbor	72	Woodland.....	185
St. Mary's, Third Ward.....	41	Woodrow Church	13
St. Mary's, Fourth Ward.....	129	Total.....	2,029
St. Peter's.....	231		

SUMMARY.		Number of Interments.
Borough of Manhattan		154
Borough of The Bronx.....		8,053
Borough of Brooklyn (nine months only).....		14,056
Borough of Queens.....		38,434
Borough of Richmond.....		2,029
Total.....		62,726

YEAR.	Cerebro-spinal Meningitis.	Diphtheria.	Group.	† Typhoid Fever.	Typhus Fever.	Measles.	Scarlet Fever.	‡ Small-pox.	Malarial Fever.	Whooping Cough.	Diarrhoeal Diseases.	Diarrhoeal Diseases of children under five years of age.	Cancer.	Phthisis.	Other Tuber- culous Diseases.	Heart Diseases.	§ Diseases of Ner- vous System.	Bronchitis.	Pneumonia.	Bright's Disease.	Puerperal Fever.	Other Puerperal Diseases.	Strokes.	Accidents.	Homicide.	Suicide.
1868.....	34	277	342	329	137	200	861	26	132	217	3,837	3,322	315	3,414	727	615	3,560	803	1,608	531	101	121	196	733	46	98
1869.....	42	328	483	378	125	526	956	203	128	358	3,134	2,676	304	2,364	846	686	2,976	877	2,100	557	108	115	26	797	37	102
1870.....	32	308	421	422	95	298	975	293	213	201	3,956	3,311	355	4,030	926	69	3,275	855	1,836	787	130	128	238	834	45	101
1871.....	48	238	466	251	65	49	791	805	279	455	3,653	3,250	335	4,186	886	813	2,677	954	1,834	947	193	183	21	*1,071	65	114
1872.....	782	446	675	386	86	463	990	929	326	565	5,197	4,680	392	4,274	999	894	3,479	1,040	2,150	949	284	192	320	1,108	69	144
1873.....	290	1,151	732	313	39	306	1,045	117	263	268	4,097	3,634	425	4,134	905	860	2,811	1,068	2,328	876	258	169	34	968	73	118
1874.....	158	1,665	594	305	14	319	879	484	265	489	3,569	3,227	416	4,034	817	883	2,451	1,065	2,398	828	232	151	19	1,008	59	180
1875.....	146	2,329	758	376	28	167	514	1,280	246	407	3,738	3,352	424	4,172	773	985	2,436	1,111	2,802	909	222	148	19	967	62	155
1876.....	127	1,750	527	325	20	362	891	315	195	406	2,732	3,413	459	4,194	776	992	2,613	1,214	2,542	958	190	152	206	902	55	150
1877.....	116	951	472	343	17	155	983	14	250	440	3,557	3,187	495	4,044	647	880	2,378	1,033	2,148	923	185	113	21	820	57	148
1878.....	97	1,007	499	321	4	272	1,029	2	285	382	2,945	2,598	570	4,466	721	1,068	2,410	1,084	2,288	919	172	128	52	809	58	142
1879.....	108	671	522	268	4	244	1,477	25	300	517	2,965	2,592	572	4,343	728	1,164	2,485	1,263	2,554	1,027	216	143	41	807	48	117
1880.....	170	1,390	910	372	3	479	618	31	336	277	3,947	3,469	659	4,706	736	1,153	2,783	1,375	2,822	1,029	224	183	116	1,007	58	152
1881.....	461	2,249	1,038	594	160	429	1,964	451	457	286	4,270	3,710	706	5,312	811	1,289	3,274	1,511	3,261	1,187	244	182	134	1,059	65	166
1882.....	238	1,525	729	516	65	913	2,066	259	266	658	4,050	3,479	732	5,247	805	1,177	2,958	1,583	3,472	1,241	236	171	123	1,099	76	159
1883.....	223	1,009	644	625	15	716	744	12	371	327	3,393	2,897	678	5,220	653	1,603	2,810	1,435	3,409	1,195	251	162	83	1,100	62	161
1884.....	210	1,090	748	476	27																					

YEAR.	Cerebro-spinal Meningitis.	Diphtheria.	Croup.	† Typhoid Fever.	Typhus Fever.	Measles.	Scarlet Fever.	‡ Small-pox.	Malarial Fever.	Whooping Cough.	Diarrhoeal Diseases.	Diarrhoeal Diseases of children under five years of age.	Cancer.	Phthisis.	Other Tuberculous Diseases.	Heart Diseases.	§ Disease of Nervous System.	Bronchitis.	Pneumonia.	Bright's Disease.	Puerperal Fever.	Other Puerperal Diseases.	Stroke.	Accidents.	Homicide.	Suicide.
1890	136	1,262	521	352	..	730	408	2	176	487	3,346	2,997	954	5,492	917	1,78	3,210	1,987	4,989	2,024	208	175	61	1,449	61	239
1891	189	1,361	603	384	1	663	1,220	2	185	352	3,587	3,191	902	5,160	949	2,285	3,342	1,836	5,818	2,116	249	171	95	1,597	56	300
1892	230	1,436	670	400	45	864	977	81	161	371	3,602	3,162	996	5,033	1,028	2,330	3,655	1,754	5,841	1,991	277	140	320	1,900	38	241
1893	469	1,970	588	381	200	393	551	102	133	542	3,300	2,898	993	5,124	1,039	2,379	3,751	1,577	6,187	2,071	237	117	43	1,607	47	314
1894	213	2,159	511	325	..	584	541	154	126	272	3,040	2,708	1,022	4,628	1,062	2,170	3,465	1,329	4,725	1,870	193	165	115	1,728	61	331
1895	204	1,634	342	322	..	793	468	10	90	496	3,208	2,839	1,030	5,205	1,078	2,297	3,429	1,636	5,751	2,019	218	191	85	2,045	76	375
1896	178	1,555	268	297	..	714	402	1	112	435	2,874	2,544	1,141	4,994	932	2,396	3,359	1,292	5,383	2,195	198	218	755	2,641	71	384
1897	232	1,376	214	299	..	391	500	24	118	308	2,515	2,296	1,217	4,843	948	2,346	3,344	1,089	4,621	2,059	169	234	39	1,782	65	436

* Exclusive of 53 killed in riot July 12. † Including typhomalarial 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 15.

§ 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. Sunstroke included from 1868 to 1887, excluded from 1888 to 1897 inclusive.

NEW YORK.

Causes of Contagious and Infectious Diseases Reported from 1874 to 1897, inclusive.

YEAR.	CROUP.	DIPHTHERIA.	MEASLES.	SCARLET FEVER.	SMALL POX.	TYPHOID FEVER.	TYPHUS FEVER.	TOTAL.
1874	..	3,684	1,407	3,051	1,462	488	48	10,140
1875	..	4,521	703	1,730	3,397	634	56	11,041
1876	..	3,471	1,638	2,406	883	561	15	8,974
1877	..	2,328	1,719	3,475	48	607	15	8,192
1878	..	3,484	2,172	3,916	5	594	10	9,181
1879	..	1,783	2,333	5,446	65	432	8	10,067
1880	..	3,307	3,391	3,048	64	508	2	10,820
1881	..	5,196	3,076	7,164	1,338	901	603	18,278
1882	..	3,507	4,637	5,961	702	686	207	15,700
1883	..	2,096	3,828	3,825	26	1,393	71	11,239
1884	..	2,223	4,395	3,262	5	1,102	133	11,120
1885	..	2,920	4,095	2,634	98	974	84	10,805
1886	..	3,737	5,028	1,696	109	896	66	11,532
1887	..	5,923	6,052	3,147	343	1,004	2	16,481
1888	..	6,491	7,279	7,188	311	1,108	4	22,381
1889	..	6,483	6,443	8,849	2	1,414	..	23,197
1890	..	4,350	9,544	3,087	5	1,100	4	18,090
1891	490	4,874	11,980	7,442	21	1,342	9	26,158
1892	530	4,654	12,780	7,048	378	1,140	241	26,771
1893	553	6,468	7,122	5,764	464	1,008	473	21,852
1894	486	9,155	9,493	4,768	770	792	..	25,464
1895	428	9,925	8,203	3,808	41	965	..	23,370
1896	306	11,093	11,350	4,728	5	1,002	3	28,987
1897	400	10,496	9,118	7,699	73	1,004	..	28,790
Total	3,193	121,175	138,796	111,142	10,615	21,655	2,054	408,630

BROOKLYN.

Population by Census from 1790 to 1892, Inclusive.

YEAR.	POPULATION.	AUTHORITY.	DATE.
1790	1,603	United States Census	Aug. 1
1800	2,378	"	" 1
1810	4,102	"	" 1
1820	3,805	New York State Census	June 1
1830	7,175	United States Census	Aug. 1
1840	10,991	New York State Census	July 1
1850	15,394	United States Census	June 1
1860	24,529	New York State Census	July 1
1870	36,233	United States Census	June 1
1880	59,374	New York State Census	July 1
1890	96,818	United States Census	June 1
1892	205,250	New York State Census	" 1
1894	266,561	United States Census	" 1
1896	296,378	New York State Census	" 1
1898	396,099	United States Census	" 1
1899	482,493	New York State Census	" 1
1899	566,663	United States Census	" 1
1899	806,343	"	" 1
1899	957,958	New York State Census	Feb. 1

NOTE.—The population given in this table is that of the City of Brooklyn, which was not made contemporaneous 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.		Estimated at time of Annexation.
			U. S. Census.	N. Y. State Census.	
Williamsburg	13 to 16	1854	1850	34,519	51,602
Bushwick	17 and 18	1880	13,655	1892	38,541
New Lots	26	Aug. 1, 1886	1880	7,634	12,625
Flatbush	29	Apr. 25, 1894	1880	3,674	8,418
Gravesend	31	May 3, 1894	1880	4,742	9,129
New Utrecht	30	July 1, 1894	1880	3,127	4,234
Flatlands	32	Jan. 1, 1896	1880	3,127	4,234

The intercensal population of these towns has been calculated by the geometrical method, using the census populations given above as the basis.

Estimated Population on July 1 in Each Year, from 1790 to 1899 Inclusive.

YEAR.	POPULATION.	YEAR.	POPULATION.	YEAR.	POPULATION.	YEAR.	POPULATION.
1790	1,598	1818	5,791	1846	65,761	1873	447,347
1791	1,662	1819	6,418	1847	72,591	1874	465,352
1792	1,729	1820	7,114	1848	80,130	1875	483,788
1793	1,798	1821	7,742	1849	88,452	1876	499,600
1794	1,871	1822	8,412	1850	97,534	1877	515,927
1795	1,946	1823	9,140	1851	106,279	1878	532,789
1796	2,024	1824	9,931	1852	115,810	1879	550,202
1797	2,106	1825	10,791	1853	126,195	1880	568,622
1798	2,190	1826	11,600	1854	139,113	1881	592,676
1799	2,279	1827	12,459	1855	150,147	1882	617,734
1800	2,366	1828	13,403	1856	161,227	1883	643,849
1801	2,451	1829	14,407	1857	172,901	1884	671,072
1802	2,536	1830	15,512	1858	185,204	1885	699,444
1803	2,621	1831	16,601	1859	198,167	1886	728,473
1804	2,707	1832	17,733	1860	211,131	1887	758,603
1805	2,792	1833	18,912	1861	224,836	1888	789,203
1806	2,878	1834	20,141	1862	238,663	1889	820,321
1807	2,964	1835	21,420	1863	252,614	1890	851,929
1808	3,050	1836	22,749	1864	266,692	1891	883,398
1809	3,136	1837	24,128	1865	280,814	1892	915,632
1810	3,222	1838	25,557	1866	295,000	1893	948,715
1811	3,308	1839	27,036	1867	309,248	1894	982,600
1812	3,394	1840	28,565	1868	323,551	1895	1,017,246
1813	3,480	1841	30,144	1869	337,904	1896	1,052,749
1814	3,566	1842	31,773	1870	352,307	1897	1,088,400
1815	3,652	1843	33,452	1871	366,760	1898	1,124,200
1816	3,738	1844	35,181	1872	381,263	1899	1,160,248
1817	3,824	1845	36,960	1873	395,816		

a Williamsburgh and Bushwick annexed.

b New Lots annexed.

c Flatbush, Gravesend and New Utrecht annexed.

d Flatlands annexed.

NOTE.—The population for intercensal years has been calculated by the geometrical method, that for the various annexed towns separately, as described elsewhere. Between 1892 and 1899 the New York State Census of 1892 and the estimate of the Brooklyn Health Department for January 1, 1893 (1,180,000), have been used to base the calculations upon. All estimates since 1892 are subject to revision on the completion of the United States Census of 1900.

Deaths, Births, Marriages and Stillbirths Reported, from 1866 to 1897 Inclusive.

YEAR.	DEATHS.	BIRTHS.	MARRIAGES.	STILLBIRTHS.
1866	8,683	9,124	853	..
1867	8,389	9,224	1,677	..
1868	8,750	9,802	2,130	..
1869	8,759	9,349	2,461	..
1870	9,546	9,817	2,367	..
1871	10,259	10,424	2,447	..
1872	10,648	10,416	2,561	..
1873	10,968	10,627	2,520	1,003
1874	11,011	10,668	2,675	1,033
1875	12,470	10,576	2,734	978
1876	12,334	9,723	2,850	986
1877	11,362	10,507	3,047	819
1878	11,075	10,747	3,091	844
1879	11,569	10,462	3,322	885
1880	13,222	11,975	3,814	880
1881	14,533	10,906	3,948	923
1882	15,014	10,801	4,584	1,076
1883	13,758	11,050	4,150	1,011
1884	14,116	11,718	4,510	1,659
1885	15,369	11,588	4,364	1,184
1886	15,790	12,132	4,900	1,193
1887	17,078	12,750	5,700	1,299
1888	16,061	11,562	4,763	1,277
1889	18,480	17,075	9,606	1,279
1890	19,827	15,000	7,500	1,305
1891	21,349	16,500	7,500	1,733
1892	20,807	18,000	7,800	1,682
1893	21,017	19,250	7,350	1,530
1894	21,183	19,419	5,935	1,673
1895	22,568	20,465	6,779	1,770
1896	22,501	21,424	7,116	1,807
1897	20,674	21,109	7,254	1,919

* Marriages and births were first recorded in the last eight months of the year 1866.

Annual Number of Deaths from Prominent Causes, for Thirty Years.

YEAR.	Diphtheria.	Croup.	Scarlet Fever.	Measles.	Typhoid Fever.	Small-pox.	Typhus Fever.	Whooping Cough.	Malarial Fever.	Bronchitis.	Phthisis.	Pneumonia.	Diarrheal.	Diarrheal, under 5 years.	Cancer.	Bright's Disease and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Stroke and Heat.	Suicide.
1868.....	133	126	487	30	103	2	20	191	98	182	1,098	449	1,699	1,530	112	106	1,054	34	262	36	27
1869.....	139	176	348	262	96	21	12	193	99	212	1,136	577	1,249	1,130	131	157	1,028	36	229	4	19
1870.....	110	200	220	62	111	135	7	71	143	184	1,281	520	1,473	1,289	134	....	1,528	88	269	....	25
1871.....	157	255	522	67	92	373	8	110	138	231	1,355	613	932	855	155	....	1,596	108	320	....	28
1872.....	184	327	327	59	149	737	12	96	146	239	1,465	778	1,718	1,550	147	216	1,943	141	338	....	31
1873.....	252	325	314	69	103	116	3	136	153	243	1,376	745	1,564	1,411	168	211	1,388	131	312	5	31
1874.....	580	318	479	90	81	53	7	130	124	285	1,267	744	1,400	1,272	197	228	1,231	157	303	6	34
1875.....	965	440	304	6	102	619	9	161	137	369	1,522	892	1,395	1,262	200	....	1,292	157	312	....	39
1876.....	812	412	352	159	97	309	8	190	137	397	1,539	883	1,546	1,367	192	....	1,225	128	622	....	59
1877.....	778	325	730	10	82	5	3	118	154	314	1,587	724	1,461	1,300	203	328	1,123	156	299	6	50
1878.....	544	317	363	67	59	....	....	195	184	365	1,509	829	1,165	1,011	233	332	1,297	149	294	13	52
1879.....	689	250	344	38	59	2	....	204	145	479	1,665	975	1,258	1,076	231	318	1,238	182	316	22	37
1880.....	1,118	420	222	156	71	2	....	111	256	495	1,736	972	1,610	1,415	221	327	1,387	155	420	36	31
1881.....	1,169	438	651	56	99	142	3	118	306	471	1,754	1,022	1,707	1,493	254	414	1,512	152	402	48	55
1882.....	631	334	892	168	93	65	1	249	289	684	1,806	1,204	1,893	1,600	285	481	1,498	172	433	36	62
1883.....	409	318	505	69	92	3	....	132	258	573	1,847	1,245	1,597	1,340	262	485	1,427	148	414	29	58
1884.....	385	280	218	114	107	2	....	222	272	622	1,913	1,118	1,836	1,576	323	507	1,357	208	440	41	66
1885.....	519	313	363	175	153	3	2	157	242	675	1,965	1,446	1,854	1,623	301	614	1,483	216	477	57	53
1886.....	782	403	340	106	123	52	3	260	241	764	2,085	1,468	1,398	1,229	293	675	1,549	167	422	8	46
1887.....	950	503	271	172	143	109	1	59	256	790	2,026	1,418	1,632	1,418	349	657	1,897	154	485	32	61
1888.....	984	301	475	59	153	90	....	194	199	786	2,051	1,663	1,763	1,563	345	867	2,108	163	517	34	75
1889.....	1,101	366	273	205	161	....	....	281	182	392	2,055	1,814	1,449	1,274	356	827	2,298	159	488	14	86
1890.....	902	381	227	182	182	....	1	238	168	1,010	2,169	2,325	1,668	1,462	414	892	2,438	166	570	23	94
1891.....	766	414	485	203	180	....	....	140	120	1,015	2,117	2,537	1,737	1,563	416	993	2,430	201	492	18	73
1892.....	775	362	412	168	162	51	....	192	195	487	2,128	2,357	1,894	1,715	418	1,039	2,619	240	582	94	79
1893.....	607	271	7	111	179	200	....	261	140	960	2,174	2,569	1,840	1,681	441	1,060	2,649	173	601	14	120
1894.....	1,279	381	188	204	159	102	....	243	127	832	2,260	2,181	1,823	1,605	457	1,199	2,292	168	757	52	165
1895.....	1,139	315	124	192	173	1	....	263	138	832	2,299	2,624	1,973	1,750	572	1,387	2,322	188	864	43	161
1896.....	1,063	247	150	333	163	1	....	179	148	871	2,245	2,553	1,697	1,491	534	1,448	2,215	237	1,247	333	160
1897.....	795	203	187	190	173	3	....	164	107	802	2,164	2,232	1,528	1,327	561	1,443	2,132	194	992	22	197

Cases of Contagious and Infectious Diseases Reported from 1873 to 1897 Inclusive.

YEAR.	CROUP.	DIPHTHERIA.	MEASLES.	SCARLET FEVER.	SMALLPOX.	TYPHOID FEVER.	TYPHUS.	YEAR.	CROUP.	DIPHTHERIA.	MEASLES.	SCARLET FEVER.	SMALLPOX.	TYPHOID FEVER.	TYPHUS.
1873.....	319	....	930	426	207	10	1886.....	....	1,602	923	1,645	125	343	..
1874.....	1,651	....	2,448	268	214	9	1887.....	....	1,995	2,479	1,877	215	444	..
1875.....	2,669	....	1,269	2,519	263	12	1888.....	....	2,297	674	2,675	374	394	..
1876.....	2,329	....	1,657	1,131	191	11	1889.....	....	2,798	4,723	2,668	2	399	..
1877.....	2,280	....	2,930	87	180	5	1890.....	....	2,241	1,821	1,657	....	313	..
1878.....	1,744	....	1,988	3	168	..	1891.....	....	1,850	2,892	2,701	....	418	..
1879.....	1,801	219	2,208	6	137	..	1892.....	....	1,829	3,118	3,078	184	243	..
1880.....	3,058	2,572	1,727	10	143	..	1893.....	....	1,672	2,272	2,961	449	216	..
1881.....	3,218	906	4,554	498	181	9	1894.....	....	3,812	4,688	2,119	459	284	..
1882.....	4,549	2,670	4,599	185	148	2	1895.....	....	4,276	3,438	1,991	11	285	..
1883.....	..	1,185	1,664	3,167	12	202	..	1896.....	319	4,912	7,074	2,471	3	245	..
1884.....	976	1,225	1,990	14	194	..	1897.....	285	3,862	4,695	2,924	7	312	..
1885.....	1,348	3,441	2,288	16	435	..								

Reporting of measles was begun in the latter part of 1879; croup in 1895; typhoid fever not fully reported.

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 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:

POPULATION OF THE CITY OF NEW YORK, BY CENSUS, SINCE 1800.

Boroughs of Manhattan and The Bronx.

WARD.	Year 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.	POLICE CENSUS, 1890.	* NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.
1st.....	1791	.....	4,320	7,191	7,630	12,085	9,929	11,331	10,380	10,629	12,230	19,754	13,486	18,148	9,852	14,463	14,298	17,939	11,122	12,075	.....	12,508
2d.....	1791	.....	5,167	8,493	7,439	8,214	9,315	8,203	7,549	6,394	6,962	6,665	3,249	2,506	1,194	1,312	1,012	1,608	929	1,510	.....	1,038
3d.....	1791	.....	6,449	7,426	7,495	9,201	10,801	9,599	10,884	11,581	11,900	10,355	7,909	3,757	3,367	3,715	2,874	3,582	3,765	3,418	.....	4,014
4th.....	1791	.....	6,935	10,226	9,856	10,736	12,240	12,705	15,439	15,770	21,000	23,250	22,895	21,994	17,152	23,748	20,828	20,996	17,809	19,337	.....	18,405
5th.....	1791	.....	9,148	14,744	14,523	12,421	15,093	17,722	18,495	19,159	20,362	22,686	21,617	22,337	18,205	17,150	15,951	15,845	12,383	12,949	.....	10,603
6th.....	1791	.....	13,076	11,286	11,821	13,309	20,061	13,570	14,827	17,198	19,343	24,698	25,562	26,696	19,754	21,153	19,861	20,196	23,119	23,058	.....	22,897
7th.....	1791	.....	15,394	12,120	10,886	13,006	14,192	15,873	21,481	22,982	25,556	32,690	34,422	39,982	36,962	44,818	45,636	50,066	57,366	62,139	.....	74,227
8th.....	1803	7th Ward.....	9,128	10,702	13,766	24,285	20,729	28,570	29,073	30,900	34,612	34,052	39,406	30,098	34,913	32,465	35,879	31,220	41,890	.....	31,374	
9th.....	1803	"	4,719	4,343	11,162	10,956	17,333	20,618	24,795	30,907	40,657	39,982	44,385	38,504	47,609	49,403	54,596	54,425	60,243	.....	60,987	
10th.....	1808	"	10,290	10,824	17,806	23,932	16,438	20,926	29,026	20,993	23,316	26,378	29,004	31,537	41,431	41,757	47,554	57,596	64,076	.....	70,108	
11th.....	1825	9th and 10th Wards.....	.....	.....	.....	7,344	14,915	26,845	17,053	27,259	43,758	52,979	59,571	58,953	64,230	63,855	68,778	75,426	83,337	.....	86,722	
12th.....	1825	"	.....	.....	.....	7,938	11,808	24,437	11,652	13,378	10,451	17,656	30,651	28,259	47,497	60,510	81,800	245,046	275,587	.....	364,412	
13th.....	1827	10th Ward.....	.....	.....	.....	.....	12,598	17,130	18,517	22,411	28,246	26,597	32,917	26,388	33,364	34,013	37,797	45,884	51,649	.....	58,802	
14th.....	1827	6th and 8th Wards.....	.....	.....	.....	.....	14,288	17,306	20,235	21,103	25,196	24,754	28,080	23,382	26,436	26,453	30,171	28,094	30,752	.....	31,904	
15th.....	1832	9th Ward.....	.....	.....	.....	.....	.....	13,202	17,755	19,422	22,564	24,046	27,587	25,572	27,587	25,529	31,882	25,399	32,707	.....	26,216	

WARD.	Year 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.	POLICE CENSUS, 1890.	* NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.
16th.....	1836	12th Ward.....								22,723	40,350	52,882	39,823	45,176	41,972	48,359	48,235	52,188	49,134	61,419	.....	57,430
17th.....	1837	11th Ward.....								18,619	27,147	43,766	59,548	72,953	79,563	95,365	101,075	104,837	103,158	107,737	.....	114,727
18th.....	1846	16th Ward.....										31,546	39,415	57,462	47,613	59,593	61,195	66,611	63,270	70,299	.....	67,169
19th.....	1850	12th Ward.....										18,465	17,866	32,795	39,945	86,090	118,727	158,191	234,846	257,766	.....	267,076
20th.....	1851	16th Ward.....											47,055	67,519	61,884	75,407	79,764	86,015	84,327	93,844	.....	94,969
21st.....	1853	18th Ward.....											27,914	49,017	38,669	56,703	58,831	66,536	63,012	78,689	.....	72,144
22d.....	1853	19th Ward.....											22,605	61,725	47,361	71,349	83,420	111,606	153,877	184,979	.....	194,893
23d.....	1874 1874 1895	Westchester County...																				
24th.....		".....										4,436	12,436	16,343	19,024	28,981	24,320	28,338	53,948	60,445		
																	11,874	13,288	20,137	20,810	.....	26,508
Total..	....	.....	60,489	96,373	95,519	123,706	166,086	197,112	268,089	312,710	371,223	519,983	642,246	830,012	715,410	971,273	1,041,886	1,206,299	1,515,301	1,710,715	1,801,739	1,851,060

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 New York State census. The figures, for years prior to 1870, for this and the following tables, are taken from the official report of the New York State census of 1865. The totals at the foot of the columns for 1840, 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, that for 1840 being 313,161; for 1850, 515,557; and for 1860, 813,668.

The city was originally divided into seven wards in 1686, by Governor Dongan's charter. They were not numbered at that time, but were called the West, South, Dock, East, North and Montgomerie Wards, the rest of Manhattan Island forming the Out Ward.

* 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 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 portion represented above, 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, formed from West Farms (1855).

Borough of Brooklyn.

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.	POLICE CENSUS, 1890.	NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.					
1st.....	1834	Village and Town of Brooklyn							1,523	2,148	4,622	6,062	6,441	6,967	6,128	6,476	16,084	18,719	20,040	.....	22,784	.....				
2d.....	1834									4,674	5,447	6,903	9,357	8,383	9,817	8,760	9,117	8,860	9,254	8,986	.....	10,529	.....			
3d a.....	1834									2,764	3,834	5,936	8,749	8,900	10,084	8,890	9,984	15,809	18,271	18,754	.....	24,140	.....			
4th.....	1834									5,724	6,827	8,819	11,032	12,282	11,766	11,566	12,087	12,616	12,819	12,324	.....	15,580	.....			
5th.....	1834	Town of Brooklyn.....	2,378	4,402	3,805	7,175	10,791	15,394	4,510	7,415	9,419	13,682	16,352	17,100	17,820	20,490	18,591	18,517	20,175	.....	19,175	.....				
6th.....	1834									2,139	4,043	10,651	11,536	18,490	22,710	26,407	28,296	34,072	35,437	37,693	.....	48,939	.....			
7th.....	1834									2,042	4,521	9,958	6,371	12,523	12,096	15,968	22,312	26,488	31,663	35,726	.....	39,490	.....			
8th b.....	1834									487	944	1,369	2,585	5,318	9,190	9,829	9,592	12,127	17,388	31,239	.....	42,758	.....			
9th.....	1834								666	1,054	1,897	3,261	9,133	17,342	23,443	15,279	13,643	15,044	17,696	.....	21,084	.....				
10th b.....	1850											11,782	21,749	25,258	28,668	34,592	24,866	27,140	34,031	.....	50,318	.....				
11th.....	1863	5th Ward.....														12,421	22,213	28,821	18,242	21,243	21,629	21,680	22,693	25,007	
12th.....	1863	6th Ward.....														6,990	11,083	13,085	18,302	17,525	22,201	27,368	31,734		
13th.....	1854	Williamsburgh												14,044	17,958	17,791	18,711	19,547	21,029	21,628	.....	24,282	.....			
14th.....	1854										5,094	11,338	30,780	12,414	15,475	15,425	20,649	23,925	25,559	27,246	.....	32,629	.....			
15th.....	1854													6,559	10,566	11,449	18,406	21,255	23,654	27,630	.....	30,319	.....			
16th.....	1854													15,350	21,181	24,379	26,438	39,206	42,712	45,720	.....	51,152	.....			
17th.....	1854	Bushwick	656	798	759	930	958	1,620	3,325	1,295	1,857	3,739	5,508	7,934	10,234	17,353	23,998	30,088	41,424	.....	46,315	.....				
18th.....	1854													2,601	4,316	6,319	11,607	17,459	23,926	74,960	.....	22,267	.....			
19th.....	1856		7th and 13th Wards.....												6,697	8,055	16,321	21,908	27,661	36,244	.....	38,187	.....			
20th.....	1863		5th Ward.....															13,980	19,179	21,430	24,188	24,136	26,120		
21st.....	1868	7th Ward.....																27,904	24,834	31,956	50,118	57,362			
22d.....	1868	8th Ward.....																							57,807
23d.....	1873	7th Ward.....																10,005	14,396	29,348	.....	33,292	.....			
24th.....	1873	9th Ward.....																5,799	8,823	16,771	.....	17,888	.....			
25th.....	1873	7th Ward.....																13,081	19,055	44,638	.....	56,682	.....			
26th.....	1886	New Lots											2,261	3,271	5,009	9,800	11,047	13,655	29,505	.....	38,541	.....				
27th.....	1892	18th Ward.....																				34,695	.....			
28th.....	1892																						38,882			
29th.....	1894	Flatbush	946	1,159	1,062	1,027	1,049	1,143	1,537	2,099	2,225	3,177	3,280	3,471	2,778	6,309	6,940	7,634	12,338	.....	12,625	.....				
30th.....	1894	New Utrecht	778	907	970	1,009	982	1,217	1,287	1,283	1,863	2,129	2,730	2,781	3,394	3,296	3,843	4,742	8,854	.....	9,129	.....				
31st.....	1894	Gravesend	489	520	552	534	498	565	695	799	898	1,064	1,256	1,286	1,627	2,131	2,180	3,674	6,937	.....	8,418	.....				
32d.....	1896	Flatlands.....	493	517	507	512	491	596	684	810	936	1,155	1,578	1,552	1,904	2,286	2,651	3,127	4,075	.....	4,234	.....				
Total.....			5,740	8,303	7,655	11,187	14,079	20,535	32,057	47,613	78,691	138,882	216,355	279,122	311,090	419,921	509,154	599,495	838,547	.....	* 3,707 996,071	.....				

NOTE.—Flatbush, New Utrecht, Gravesend and Flatlands were formed in 1878; New Lots was formed from Flatbush in 1852.

* Inmates 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.

Borough of Queens.

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.	POLICE CENSUS, 1890.	NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.
1st.....	1898	* Long Island City.....															15,587	17,129	30,506	.....	35,745	.....
2d.....	1898	Newtown.....	2,312	2,437	2,472		2,478	2,610	3,505	5,054	5,521	7,208	4,694	13,725	13,891	20,274	10,614	9,804	17,549	.....	19,776	.....
3d.....	1898	Flushing.....	1,818	2,230	2,271		2,325	2,820	3,643	4,124	3,918	5,376	7,970	10,189	10,813	14,650	15,357	15,906	19,803	.....	20,816	.....
4th.....	1898	Jamaica.....	1,661	2,110	1,880		2,401	2,376	2,885	3,781	3,883	4,247	5,632	6,515	6,777	7,745	8,983	10,088	14,441	.....	17,654	.....
5th.....	1898	† Hempstead.....																		.....	.....	.....
Total.....			5,791	6,777	6,623		7,204	7,806	10,033	12,959	13,322	16,831	18,296	30,429	31,481	42,669	50,541	52,927	82,299	.....	93,991	.....

* Formed in 1870 from Newtown. The other towns were formed in 1788.

† Only part of Hempstead was consolidated with the other towns forming Greater New York, and the population previous to consolidation cannot be given.

Borough of Richmond.

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.	POLICE CENSUS, 1890.	NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.
1st.....	1898	Castleton.....	1,056	1,301	1,348	1,527	1,786	2,216	2,868	4,275	5,203	5,389	8,252	6,678	7,683	9,504	10,957	12,679	16,423	.....	17,261	.....
2d.....	1898	*Middletown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,243	6,866	7,589	8,332	9,029	10,557	.....	11,477	.....
3d.....	1898	Northfield.....	1,377	1,595	1,710	1,980	1,984	2,162	2,297	2,745	3,343	4,020	4,187	4,841	5,201	5,949	6,619	7,014	9,211	.....	9,641	.....
4th.....	1898	Southfield.....	932	1,007	998	1,012	719	971	845	1,619	2,631	2,709	5,449	3,645	4,407	5,082	4,426	4,980	6,644	.....	6,324	.....
5th.....	1898	Westfield.....	1,198	1,444	1,446	1,616	1,443	1,773	1,681	2,326	2,497	2,943	3,501	3,985	4,052	4,905	4,862	5,289	8,258	.....	8,648	.....
Total.....			4,563	5,347	5,502	6,135	5,932	7,122	7,691	10,965	13,674	15,061	21,389	25,392	28,209	33,029	35,196	38,991	51,693	.....	53,351	.....

* Formed in 1860, from Castleton and Southfield. The other towns were formed in 1788.

City of New York.

BOROUGH.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.	1850.	1855.	1860.	1865.	1870.	1875.	1880.	UNITED STATES CENSUS, 1890.	POLICE CENSUS, 1890.	NEW YORK STATE CENSUS, 1892.	POLICE CENSUS, 1895.
Manhattan.....	60,489	96,373	95,519	123,706	166,086	197,112	268,089	312,710	371,223	515,547	629,810	813,669	726,386	942,292	1,005,692	1,164,673	1,441,216	.....	1,801,739	.....
The Bronx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,436	12,436	16,343	19,024	28,981	36,194	41,626	74,085	.....	.....	.....
Brooklyn.....	5,740	8,303	7,655	11,187	14,679	20,535	32,057	47,613	78,691	138,832	216,355	279,122	311,090	419,921	509,154	599,495	838,547	.....	996,071	.....
Queens.....	5,791	6,777	6,623	*6,914	7,204	7,806	10,033	12,959	13,322	16,831	18,296	30,429	31,481	42,669	50,541	52,927	82,299	.....	93,991	.....
Richmond.....	4,563	5,347	5,502	6,135	5,932	7,122	7,691	10,965	13,674	15,061	21,389	25,392	28,209	33,029	35,196	38,991	51,693	.....	53,351	.....
Entire City.....	76,583	116,800	115,299	147,942	193,991	232,575	317,870	384,247	476,910	690,757	898,266	1,164,955	1,116,190	1,466,892	1,636,777	1,897,712	2,487,840	.....	2,945,152	.....

* Arithmetical mean between previous and following census (see note to Queens' table).

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.

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.

(Figures furnished by DANIEL DRAPER, Ph. D., Director of Central Park Observatory.)

YEAR.	TEMPERATURE—FAHR.					RAINFALL, IN INCHES (INCLUDING SNOW WATER).					Depth of Snow, (Inches.)
	Maximum.	Month.	Minimum.	Month.	Mean.	Maximum.	Month.	Minimum.	Month.	Total.	
1822.....	100	July....	-1	Jan....	54.2	.....	.....	.....	.....	.....	.....
1823.....	91	".....	3	{ Feb. } { Mar. }	50.5	.....	.....	.....	.....	.....	.....
1824.....	96	".....	2	Feb....	52.1	.....	.....	.....	.....	.....	.....
1825.....	104	".....	-3	Dec....	54.4	.....	.....	.....	.....	.....	.....
1826.....	97	".....	-1	Jan....	52.5	.....	.....	.....	.....	.....	.....
1827.....	96	".....	0	".....	51.8	.....	.....	.....	.....	.....	.....
1828.....	99	".....	9	".....	54.	.....	.....	.....	.....	.....	.....
1829.....	95	".....	7	".....	52.5	.....	.....	.....	.....	.....	.....
1830.....	98	".....	5	".....	54.8	.....	.....	.....	.....	.....	.....
1831.....	98	Aug....	8	".....	51.6	.....	.....	.....	.....	.....	.....
1832.....	97	".....	1	".....	51.5	.....	.....	.....	.....	.....	.....
1833.....	94	July....	8	Mar....	51.5	.....	.....	.....	.....	.....	.....
1834.....	94	{ July. } { Aug. }	6	Dec....	51.	.....	.....	.....	.....	.....	.....
1835.....	89	{ July. } { Aug. }	-1	Jan....	49.6	.....	.....	.....	.....	.....	.....
1836.....	89	{ July. } { Sept. }	0	Feb....	47.6	6.46	June..	.63	May....	27.57	.....
1837.....	86	{ July. } { Aug. }	10	{ Jan. } { Feb. }	49.1	9.50	May....	2.10	Sept....	65.51	.....
1838.....	94	{ July. } { Aug. }	13	Feb....	50.3	4.96	Sept....	1.83	July....	47.90	.....
1839.....	86	July....	6	Jan....	51.2	7.61	Dec....	.69	Jan....	42.97	.....
1840.....	91	June....	2	".....	51.2	4.59	Oct....	1.00	Dec....	29.80	.....
1841.....	92	".....	9	".....	51.2	5.30	Jan....	.80	Feb....	42.08	.....
1842.....	85	{ July. } { Sept. }	16	{ Jan. } { Feb. }	53.4	4.30	Oct....	1.07	Jan....	33.98	.....
1843.....	93	{ June. } { July. }	9	Feb....	51.4	15.26	Aug....	.76	June..	41.37	.....
1844.....	92	June....	3	Jan....	52.	6.	July....	.55	April..	36.38	.....
1845.....	99	July....	6	Feb....	53.3	4.87	Jan....	1.22	".....	34.08	.....
1846.....	95	".....	5	".....	52.3	9.70	May....	.48	Sept....	48.91	.....
1847.....	94	June....	12	{ Feb. } { Dec. }	52.3	6.93	Aug....	1.53	April..	64.85	.....
1848.....	91	{ June. } { July. }	3	Jan....	52.3	7.28	May....	1.16	".....	36.80	.....
1849.....	94	July....	0	".....	50.2	5.63	Oct....	.61	Jan....	31.74	.....
1850.....	94	".....	9	Feb....	50.9	9.20	May....	2.33	Nov....	54.53	.....
1851.....	93	".....	4	Dec....	52.1	6.94	April..	.90	June..	40.88	.....
1852.....	93	".....	-2	Jan....	51.4	6.20	Aug....	2.06	Oct....	43.84	.....
1853.....	98	June....	9	".....	52.2	6.80	Nov....	1.04	Dec....	52.20	.....
1854.....	93	July....	5	Dec....	50.7	8.80	April..	.70	Mar....	45.18	.....
1855.....	93	".....	-7	Feb....	50.7	7.37	Oct....	1.57	Sept....	51.76	.....
1856.....	95	".....	-5	Jan....	50.5	6.73	Aug....	.66	Feb....	41.92	.....
1857.....	90	Aug....	0	".....	52.1	9.05	April..	1.30	Nov....	53.88	.....
1858.....	93	June....	-3	Feb....	53.1	6.42	June....	1.47	Mar....	52.87	.....
1859.....	96	July....	-5	Jan....	53.1	8.21	Mar....	1.75	Oct....	57.28	.....
1860.....	89	".....	-7	Feb....	52.9	7.57	Nov....	1.43	June..	45.17	.....
1861.....	92	Aug....	-3	".....	53.8	8.09	".....	1.73	Dec....	56.52	.....
1862.....	95	".....	8	Dec....	53.2	9.03	June....	1.91	".....	53.98	.....
1863.....	90	June....	6	Feb....	54.2	8.60	July....	1.05	Sept....	57.03	.....
1864.....	97	".....	8	".....	55.4	5.90	Dec....	2.04	Feb....	49.01	.....
1865.....	95	July....	6	Jan....	55.5	10.42	June....	2.23	Aug....	62.86	.....
1866.....	98	".....	-13	".....	52.1	10.09	Feb....	1.67	July....	51.68	.....
1867.....	91	June....	4	".....	49.8	10.18	June....	.78	Sept....	54.61	.....

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET,
NEW YORK, February 16, 1900.

Supervisor of the City Record:

SIR—The following appointments, etc., in this Department, from February 9 to date, are forwarded for publication in the CITY RECORD, pursuant to resolution adopted by the Police Board on January 10, 1898:

Appointed as Patrolmen on Probation.

William H. Tiernan, No. 27 East Twenty-ninth street.
Patrick O'Brien, No. 300 West One Hundred and Forty-eighth street.
Howard W. Gifford, No. 47 Park place, New Rochelle.
Charles P. Vosburgh, No. 1232 Hoe avenue.

Probationary Patrolmen Appointed Patrolmen.

George A. Brown,
John P. Crowley,
William Fitzgerald,
Melvin Harvey,
Ralph Micelli,
John O'Connor,
Henry Storjohann,
Anton Svarc,
John F. Williams,Jeremiah A. Buckley,
Albert J. Carr,
Frank M. Graham,
John C. Kluber,
James McLaughlin,
Martin J. Perkinson,
Eugene J. Shea,
Benjamin F. Siebelt,
Cornelius W. Willemse,Edwin D. Brosnan,
Thomas Donegan,
Ernest Harbordt,
Michael Larney,
John McMurray,
Edward Sheridan,
Joseph Smith,
John E. Walsh,
Thomas Walsh.

Respectfully,

WM. H. KIPP, Chief Clerk.

PUBLIC ADMINISTRATOR OF THE COUNTY OF
NEW YORK.BUREAU OF THE PUBLIC ADMINISTRATOR OF THE COUNTY OF NEW YORK,
No. 119 NASSAU STREET, BOROUGH OF MANHATTAN,
NEW YORK, January 4, 1900.

To the Honorable the Municipal Assembly of The City of New York:

The Public Administrator, pursuant to chapter 230 of the Laws of 1898, section 27 of said act, herewith exhibits to the Municipal Assembly of The City of New York, a statement, on oath, of the total amount of his receipts and expenditures in each case in which he shall have taken charge of and collected any effects, or on which he shall have administered, during the year 1899, with the name of the deceased, his or her addition, and the country or place from which he or she came, if the same be known.

Respectfully,
WILLIAM M. HOES,
Public Administrator of the County of New York.

NAME.	OCCUPATION.	Place of Residence at the time of Death.	Country or Place from which he came.	Total Amount of Receipts in 1899.	Total Amount of Expenditures in 1899, including funeral expenses, claims of creditors, and amount paid to next of kin, etc.
Elizabeth Stewart.....	Lady's maid.....	New York.....	England.....	.....	\$98 81
Anna Olson.....	Unknown.....	".....	Sweden.....	.....	30 00
August Meyer.....	Restaurant helper.....	".....	Germany.....	.....	1 10
Louis Feldman.....	None.....	".....	".....	.....	125 00
Charles Bush.....	Unknown.....	".....	".....	.....	10 03
Armand Casselmary.....	Opera singer.....	".....	France.....	.....	37 71
William L. Blanchard.....	None.....	".....	Ireland.....	.....	\$135 02
Catherine Sullivan.....	Cook.....	".....	".....	.....	3 12
John Kristiansen.....	Sailor.....	".....	Norway.....	.....	6 50
Mary B. Dunbar.....	None.....	".....	United States.....	.....	10 19
John Cassidy.....	None.....	".....	Ireland.....	.....	3,298 88
Ellen Rooney.....	Scrubber.....	".....	".....	.....	80
John J. Galnor.....	Music teacher.....	".....	".....	.....	34 72
Samuel Leary or Leoy.....	Pedler.....	".....	Poland.....	.....	2,129 82
Alfred Trumble.....	Newspapers.....	".....	Unknown.....	.....	8 00
William Gould.....	Clerk.....	".....	England.....	.....	3 00
Ernst F. Hoffman.....	Physician.....	".....	Germany.....	.....	63 46
Anton Pokomey.....	Unknown.....	".....	Unknown.....	.....	45 43
Nathan Campbell.....	Physician.....	".....	United States.....	.....	38
Daniel Hoag.....	Shoemaker.....	".....	Germany.....	.....	3 90
James McCall.....	None.....	".....	England.....	.....	435 46
Michael Kennedy.....	Unknown.....	".....	Ireland.....	.....	23 47
Vincenzo Cassino.....	Barber.....	".....	Italy.....	.....	14 61
Joseph Gunther.....	Cabinetmaker.....	".....	Germany.....	.....	20 14
Harry M. Cole.....	Painter.....	".....	England.....	.....	3 37
Masey Brande.....	Coal dealer.....	".....	Unknown.....	.....	2 40
Gabriel Becker.....	Shirrmaker.....	".....	Russia.....	.....	5 73
Herman Me'lian.....	Designer.....	".....	Switzerland.....	.....	68 53
John C. Crabb.....	Unknown.....	".....	England.....	.....	4 84
Johann Brandt.....	None.....	".....	Germany.....	.....	10 50
Nellie S. Munson.....	None.....	".....	United States.....	.....	73 75
Anna M. Hammelchin.....	Domestic.....	".....	Bavaria.....	.....	3 90
Honora Monahan.....	".....	".....	Ireland.....	.....	1 34
Bessie Hanley.....	".....	".....	".....	.....	6 12
Oscar Lembl.....	Boxmaker.....	".....	Germany.....	.....	1 45
William Brophy.....	None.....	".....	United States.....	.....	9 80
Louis D. Ratauri.....	None.....	".....	Italy.....	.....	20 60
Mary Flynn.....	Domestic.....	".....	Ireland.....	.....	52 03
Franz Thim.....	Laborer.....	".....	Germany.....	.....	1 24
Michael Baltzi.....	Soloon.....	".....	".....	.....	10 22
Francis D. Ville.....	Unknown.....	".....	France.....	.....	32 40
Agnes C. Shea.....	Factory hand.....	".....	Ireland.....	.....	52 09
Joseph Bizant.....	Machinist.....	".....	Bohemia.....	.....	6 65
Paul V. Forrest.....	Merchant.....	".....	France.....	.....	32 16
Charles Brown.....	Rigger.....	".....	Sweden.....	.....	1 22
Harriet Wright.....	Domestic.....	".....	England.....	.....	4 53
Charles Dornah.....	Laborer.....	".....	Ireland.....	.....	61 52
James H. Matthews.....	Grocer.....	".....	Unknown.....	.....	6 94
Margaret O'Brien.....	Unknown.....	".....	Ireland.....	.....	118 82
Elise L. Foley.....	Milliner.....	".....	".....	.....	30 60
Helen M. Hall.....	Unknown.....	".....	Unknown.....	.....	4 46
Catharine Drumper.....	Midwife.....	".....	Germany.....	.....	60
Emily Gross or Ryan.....	Housewife.....	".....	Ireland.....	.....	38 73
Katharine Wendebaum.....	None.....	".....	Germany.....	.....	579 02
Annie Roughlin.....	Domestic.....	".....	Ireland.....	.....	8 25
John J. Crane.....	Unknown.....	".....	Unknown.....	.....	5 56
George Smith.....	Waiter.....	".....	Prussia.....	.....	4 50
Bridget McKenna or Aubach.....	Domestic.....	".....	Unknown.....	.....	30 35
Margaret Glynn.....	Domestic.....	".....	Ireland.....	.....	1 10
Eva Grel.....	Unknown.....	".....	Unknown.....	.....	3 00
Kate Murphy.....	".....	".....	".....	.....	24 56
Jacob A. Riessenger.....	Boxmaker.....	".....	Germany.....	.....	7 08
Eliza Murphy.....	Unknown.....	".....	Unknown.....	.....	597 24
Hugo Rieger.....	Druggist.....	".....	Germany.....	.....	36 66
Franz A. Rump.....	Liquors.....	".....	Unknown.....	.....	20 00
Mary Ashback.....	Janitress.....	".....	United States.....	.....	15 13
Caroline Smith.....	Housewife.....	".....	Germany.....	.....	26 67
Wilhelmina Remsen.....	Cook.....	".....	United States.....	.....	3 00
Ann D. Alton.....	Seaman.....	".....	Ireland.....	.....	4 48
Gabriel Dause.....	Bronze Worker.....	".....	Sweden.....	.....	51 54
Joseph Buninkel.....	Merchant.....	".....	France.....	.....	58 25
Bartram K. Veregian.....	Wood Carver.....	".....	Germany.....	.....	2,473 51
Edwin G. Bohm.....	Unknown.....	".....	Germany.....	.....	1 12
Charles Hartmann.....	Bookkeeper.....	".....	".....	.....	89 07
Theodore H. Klatt.....	Soloon.....	".....	United States.....	.....	1 70
Amelia C. Noyes.....	None.....	".....	United States.....	.....	118 72
Alexander Fo'ester.....	Plasterer.....	".....	Scotland.....	.....	576 72
William Gunther.....	None.....	".....	Germany.....	.....	13 80
Margaret Keen.....	None.....	".....	Germany.....	.....	4,501 66
Joseph Moran.....	Fireman.....	".....	United States.....	.....	34 33
Charles Anderson.....	Bartender.....	".....	Germany.....	.....	1 71
Alfred Leucinger.....	Machinist.....	".....	Switzerland.....	.....	2 32
Lucinda Gates.....	Unknown.....	".....	Unknown.....	.....	30 66
Maggie Bradshaw.....	Domestic.....	".....	Ireland.....	.....	3 00
Julia O'Callaghan.....	Laundress.....	".....	".....	.....	24
Mary Connolly.....	Domestic.....	".....	Unknown.....	.....	37
Margaret Define.....	Housework.....	".....	Unknown.....	.....	4 40
Charles Hoffman.....	Soldier.....	".....	Prussia.....	.....	4,960 67
John O'Brien.....	Watchman.....	".....	Unknown.....	.....	5 75
Herman Gauscholz.....	Baker.....	".....	Germany.....	.....	1 12
Herman Weiss.....	Cutter.....	".....	".....	.....	153 72
Joseph Howard.....	Clerk.....	".....	Ireland.....	.....	139 84
John W. Holgate.....	Chemist.....	".....	Unknown.....	.....	1 00
Bridget Williams.....	None.....	".....	Ireland.....	.....	50 81
Mary McCauley.....	Housekeeper.....	".....	".....	.....	406 91
Mary Riley.....	Domestic.....	".....	".....	.....	4 90
Thomas Dorsey or Dawson.....	Whitewasher.....	".....	United States.....	.....	39 25
Maggie Brown.....	Unknown.....	".....	".....	.....	130 93
James O'Neil.....	Laborer.....	".....	Ireland.....	.....	69 07
Marie Maltratt.....	Nurse.....	".....	Connecticut.....	.....	9 71
James Forrest.....	Unknown.....	".....	Scotland.....	.....	1 30
Mary A. Burns.....	None.....	".....	Ireland.....	.....	93 38
Charles Hunt.....	Unknown.....	".....	Unknown.....	.....	3,834 08
John Henser.....	Tailor.....	".....	Germany.....	.....	130 07
Margaret Laird.....	Domestic.....	".....	Ireland.....	.....	308 82
Alexander Cameron.....	Coachman.....	".....	Scotland.....	.....	423 28
Joseph McCarron.....	Gaflitter.....	".....	Ireland.....	.....	15 46
Mary Cummings.....	Seamstress.....	".....	".....	.....	892 10
Mary J. Lillie.....	Domestic.....	".....	Unknown.....	.....	4 71
Christina Niederlein.....	Furnished rooms.....	".....	Germany.....	.....	326 86
Julia Korb.....	Domestic.....	".....	Hungary.....	.....	724 39
Sarah Neville.....	Actress.....	".....	United States.....	.....	454 60
Emile Ruse.....	Agent.....	".....	Germany.....	.....	1 60
Theresa N. Harris.....	Unknown.....	".....	New York.....	.....	1 06
Fredericka Will.....	Domestic.....	".....	Germany.....	.....	54 50
Max Muller.....	Actor.....	".....	".....	.....	1,280 98
Leopold H. Huguet.....	Unknown.....	".....	Cuba.....	.....	4 98
Jack Weber.....	Engineer.....	".....	France.....	.....	80
Theo. B. Moebius.....	None.....	".....	Germany.....	.....	1 75
Margaret Hennessey.....	None.....	".....	Ireland.....	.....	144 40
Mary L. Clawson.....	Unknown.....	".....	Unknown.....	.....	39 06

NAME.	OCCUPATION.	Place of Residence at the time of Death.	Country or Place from which he came.	Total Amount of Receipts in 1899.	Total Amount of Expenditures in 1899, including funeral expenses, claims of creditors, and amount paid for next of kin, etc.
Hans A. Hansen.....	Laborer.....	New York.....	Norway.....	\$14 08	\$717 98
Thomas O. Murray.....	Foreman.....	".....	Louisiana.....		1 14 38
Henry Seckman.....	Domestic.....	".....	Hungary.....		1 9 10
Mary Newberger.....	".....	".....	Ireland.....		30 50
Bridget Campbell.....	None.....	".....	".....	1,472 76	1,450 36
John J. Kaut.....	".....	".....	Russia.....	828 09	886 09
Carl H. Solbach.....	Watchman.....	".....	Germany.....	38 56	101 53
Margaret Berrien.....	None.....	".....	Ireland.....		101 72
Philip Kleber.....	Agent.....	".....	Germany.....	6 40	12 18
James J. Falvey.....	None.....	".....	New York.....		9,507 78
Isabella Boyd.....	Domestic.....	".....	United States.....		21 40
Charles or Claus Meyer.....	Grocery.....	".....	Germany.....	27 45	2,628 07
Tevisia Mijhal.....	Domestic.....	".....	Bohemia.....	3 00	195 10
Mathew King.....	Circus.....	".....	United States.....		73 20
John Welton.....	None.....	".....	Ireland.....	2 80	29 61
Catherine Bell.....	".....	".....	".....		89 72
William Werner.....	Tinsmith.....	".....	United States.....	2 20	2 01
Erick G. Ekman.....	Laborer.....	".....	Sweden.....		52 80
Alfred K. Jacob.....	Waiter.....	".....	France.....	1,634 70	174 67
Albert Grandvillier.....	Candy maker.....	At Sea.....	".....	45 34	211 58
Pierre Cohn.....	Laborer.....	New York.....	Ireland.....	68 40	2,417 84
Edward Ryan.....	Domestic.....	".....	".....		386 05
Jane Keegan.....	Unknown.....	".....	Germany.....	10 18	14 24
Ernst Kastenfeld.....	Seamstress.....	".....	United States.....		21 91
Bessie Dunbar.....	Porter.....	".....	West Indies.....	42 91	42 66
Charles A. Muckle.....	Unknown.....	".....	Germany.....	2,574 28	7,765 56
Pierce Minchin.....	Seaman.....	".....	Sweden.....		3 43
Charles Grundberg.....	Carpenter.....	".....	Germany.....		107 10
Fritz Henninger.....	None.....	".....	France.....		61 10
Felice Gantier.....	".....	".....	New York.....		10 80
James L. Warner.....	Cap maker.....	".....	Unknown.....		100 40
Johann Hiller.....	Agent.....	".....	Germany.....	3 82	268 00
Edward Gimm.....	Merchant.....	".....	United States.....		3 64
E. L. Long.....	".....	".....	Maryland.....	334 50	37 43
Ferd. Motz.....	Housework.....	".....	Ireland.....	6 19	83 21
Annie Fuller.....	Block cutter.....	".....	Baden.....		1 59
Charles Beck.....	Salesman.....	".....	Maryland.....	16 10	782 47
William D. Margruder.....	Painter.....	".....	France.....	26 62	2,230 28
Emile E. Vallet.....	Unknown.....	".....	Pennsylvania.....	27 62	2,130 48
Minnie V. Goodwin.....	Sailor.....	".....	Norway.....		47 05
Peder Ovenson.....	None.....	".....	Ireland.....		323 33
James O'Brien.....	Stableman.....	".....	Germany.....	9 32	666 46
William Flanagan.....	Unknown.....	".....	Unknown.....		11 47
Wanda Bodensack.....	Cook.....	".....	Germany.....		10 38
Edward Reutter.....	Bartender.....	".....	".....	26 06	2,294 06
Eric Westhauser.....	Housework.....	".....	".....		2 45
Pauline Goltz.....	Shoemaker.....	".....	Austria.....	738 40	52 20
Jacob Parask.....	Literature.....	".....	England.....	5 23	373 75
Susan E. Noek.....	Unknown.....	".....	Unknown.....		25 05
Catharine Gorman.....	Piano finisher.....	".....	Ireland.....	8 45	889 32
John Poole.....	Laborer.....	".....	".....		12 00
Johann O'Neil.....	Grocer.....	".....	France.....	209 48	209 48
Edward R. Brochard.....	None.....	".....	Unknown.....		24 45
Bessie Baldwin.....	None.....	".....	United States.....		9 19
William C. James.....	Tailor.....	".....	Germany.....		2 46
August Bokaff.....	Engraver.....	".....	".....		2 46
Albert Hesse.....	Cook.....	".....	United States.....		252 80
Charles H. Mayor.....	".....	".....	Ohio.....	723 00	473 07
Rachel Madden.....	Sewing-machine op- erator.....	".....	Russia.....	131 07	23 61
Davis Auertach.....	Planter.....	".....	Mexico.....	15 14	17 14
Faustino Mendoza.....	Steward.....	".....	Alsace-Lorraine.....	600 00	1,539 57
Gaspard Behr.....	Shoemaker.....	".....	Sweden.....		33
Albert O. Berg.....	None.....	".....	Ireland.....		20 90
Bridget McDonald.....	Tailor.....	".....	South Carolina.....	2,327 07	2,328 06
James Gibbs.....	Barkeeper.....	".....	Germany.....	31 45	31 45
Henry Goebel.....	Salesman.....	".....	Canada.....	1 25	1 00
W. A. Tibbs.....	Washing.....	".....	Ireland.....		53 25
Eliza Halloran.....	None.....	".....	".....	6 60	697 57
Alice McGillen.....	Message.....	".....	Unknown.....	10 79	235 88
Fannie W. Crawford.....	Unknown.....	".....	Ireland.....	670 40	338 66
Bridget Donovan.....	Tailor.....	".....	Germany.....	640 06	57 91
Franz F. Bayer.....	Unknown.....	".....	France.....		22 50
Julius Brennan.....	Porter.....	".....	Scotland.....	3 44	6 47
Samuel Weir.....	Storekeeper.....	".....	United States.....	436 09	436 09
Lizzie McGiff.....	Stenographer.....	".....	New York.....		126 26
Emma C. Carey.....	Machinist.....	".....	Germany.....		57 80
George Schaefer.....	None.....	".....	England.....		7 95
Elizabeth Russell.....	Unknown.....	".....	Unknown.....	27 50	27 50
Daniel Campbell.....	".....	".....	".....	10 04	10 73
Abraham Christiansen.....	Laborer.....	".....	France.....	1 81	131 64
Charles E. Anglade.....	Tailor.....	".....	Russia.....	359 80	369 03
Todras Nodelman.....	Florist.....	".....	Germany.....		1 00
Louis Lellor.....	Waiter.....	".....	".....	9 84	62 21
William Reidel.....	Unknown.....	".....	Unknown.....	1 50	142 54
Jacob F. Bohm.....	Waiter.....	".....	Germany.....	23 00	43 22
Henrike Kruke.....	Nurse.....	".....	".....	6,830 13	356 13
Mary A. Burton.....	Housekeeper.....	".....	England.....	2 81	41 41
Edward Teutrene.....	Unknown.....	".....	Unknown.....		2 20
Sarah Burns.....	Domestic.....	".....	Ireland.....		130 36
Thomas E. Vaughan.....	Street sweeper.....	".....	Unknown.....	194 22	124 15
Philip A. Crapo.....	Lawyer.....	".....	Iowa.....	283 57	283 57
Christian Reimann.....	Rigger.....	".....	Germany.....	3,437 07	218 25
Margaret Fogarty.....	Tailoress.....	".....	Ireland.....	1,920 37	905 50
Marion Hogan.....	Butler.....	".....	Unknown.....	2,254 70	2,981 56
Mary Fegarty.....	Cook.....	".....	Ireland.....	1,185 04	31 14
Owen Hagen.....	Oilier.....	".....	".....	1,557 29	453 31
Julia Minchin.....	None.....	".....	".....	625 44	625 44
Margaret Redmond.....	Housekeeper.....	".....	Ireland.....	4 48	23 61
Robert Kirschner.....	Harness maker.....	".....	Germany.....	7 72	7 48
Charles Kruger.....	Unknown.....	".....	Unknown.....	5 24	4 19
Margaret Heenan.....	None.....	".....	Halifax.....	299 43	298 58
Henry Powers.....	Unknown.....	".....	Unknown.....	6 70	7 59
Adelina L. Callendar.....	".....	".....	Sweden.....	137 56	92 45
Arthur Dhome.....	Laborer.....	".....	Germany.....		26 30
Gilge Seljogovich.....	Tailor.....	".....	Austria.....	855 92	29 41
Andes Pederson.....	Cooper.....	".....	Sweden.....	1,167 53	1,167 43
Philip Schimz.....	Waiter.....	".....	Germany.....	1,041 29	210 85
Andrew Andree.....	Waiter.....	".....	France.....	29 59	35 59
Henry Walker.....	Porter.....	".....	Ireland.....		35 59
Charles Truttman.....	Unknown.....	".....	United States.....	926 10	410 80
August R. Rietz.....	Waiter.....	".....	Germany.....	1,366 77	1,366 67
Daniel Donovan.....	Soldier.....	".....	Ireland.....		89 90
Jane Hughes.....	Nurse.....	".....	".....	648 80	666 63
Mary Nagel.....	Domestic.....	".....	".....	368 13	76 85
Thomas Pierson.....	Laborer.....	".....	".....	1,715 92	133 75
Ellen Bonney.....	None.....	".....	Massachusetts.....		106 76
Mary Hartratt.....	Waitress.....	".....	Ireland.....	107 63	979 26
Amelia J. Burr.....	Dressmaker.....	".....	Sweden.....	979 26	979 26
Margaret Redmond.....	Druggist.....	".....	England.....	851 40	854 70
Edgar M. Crawford.....	Unknown.....	".....	Unknown.....	101 74	101 74
Louisa Baugert.....	None.....	".....	Unknown.....		10
Wilhelm Goltzmann.....	Cook.....	".....	Germany.....	345 57	76 85
Israel Linder.....	Presser.....	".....	".....	1,040 45	230 05
Gerhard Kunt.....	Bookkeeper.....	".....	Austria.....	399 05	51 45
Catharine Callahan.....	None.....	".....	Germany.....		51 45
Rosalie Baumann.....	Cook.....	".....	Ireland.....	2 05	32 65
Mary Cruise.....	Cook.....	".....	Germany.....	10 80	280 96
Heinrich Emrich.....	Domestic.....	".....	Ireland.....	53 47	447 67
Sarah L. Lazare.....	Laborer.....	".....	Germany.....	165 32	1,376 06
Margaret A. Moore.....	Housekeeper.....	".....	Sweden.....	8 58	159 77
Nicholas Meyer.....	None.....	".....	United States.....	23	2 05
James W. Moore.....	Unknown.....	".....	Unknown.....	127 05	1,134 93
Julie Muench.....	Waiter.....	".....	".....	30 40	292 75
Joseph Marbacher.....	Forewoman.....	".....	Bohemia.....	43 75	331 21
Johanna Schutz.....	Milkman.....	".....	Switzerland.....	206 09	2,531 44
Christoph Schnelle.....	Washing.....	".....	Austria.....	15 71	86 30
Louise Schmidt.....	Tailor.....	".....	Prussia.....		1,921 32
Henry Adams.....	Dyer.....	".....	Germany.....	159 80	1,695 69
Frederick T. Baury.....	Lawyer.....	".....	Unknown.....	545 52	351 23
James Votey.....	Navy.....	".....	".....	146 32	333 36
Mary Olmeda.....	Unknown.....	".....	".....	223 60	223 60
James J. Lee.....	None.....	".....	Italy.....	17 05	948 33
Frederick J. Schiller.....	Domestic.....	".....	England.....	41 93	601 64
Theodore M. Hagen.....	Unknown.....	".....	Unknown.....	9 37	1,777 69
Mary Green.....	Teacher.....	".....	Germany.....	6 92	180 21
William C. R. Lange.....	Domestic.....	".....	Ireland.....	48 00	671 85
Mary Robinson.....	Bartender.....	".....	Germany.....	19 55	23 76
Harry Cecil Howell.....	Stewardess.....	".....	Scotland.....	52 50	813 85
	None.....	".....	Unknown.....	318 00	318 00

NAME.	OCCUPATION.	Place of Residence at the time of Death.	Country or Place from which he came.	Total Amount of Receipts in 1899.	Total Amount of Expenditures in 1899, including funeral expenses, claims of creditors, and amount paid to next of kin, etc.	NAME.	OCCUPATION.	Place of Residence at the time of Death.	Country or Place from which he came.	Total Amount of Receipts in 1899.	Total Amount of Expenditures in 1899, including funeral expenses, claims of creditors, and amount paid to next of kin, etc.
Bridget Sullivan.	Nurse.	New York.	Ireland.	\$134 82	\$2,067 59	Charles Hosing.	Sailor.	New York.	Germany.	\$1 60	\$1 60
Carl Burk.	Laborer.	"	"	"	75	Wilhelmina Cook.	Seamstress.	"	"	4 72	2 00
Mary McAnulty.	Housework.	"	"	102 26	1,648 07	John Smith.	Unknown.	"	Unknown.	1 28	1 00
Patrick McElroy.	Unknown.	"	"	254 12	"	Mary Madaline.	"	"	"	40	40
Augusta Lagerlot.	Domestic.	"	Sweden.	4 74	83 54	Margaret Lambert.	Cook.	"	France.	23 24	2 00
Julia Graves.	None.	"	Bavaria.	126 55	"	Sophie Weirich.	Janitress.	"	Germany.	4 00	4 00
Matilda Bieber.	Washing.	"	Germany.	10 65	"	James O'Donovan.	Policeman.	"	Ireland.	2,482 93	391 00
Maria Franklin.	None.	"	England.	232 11	"	William S. Peacock.	Baker.	"	England.	394 74	394 74
Annie Carr.	Cook.	"	Ireland.	29 76	"	John Dyse.	Unknown.	"	Unknown.	263 32	13 72
Lizzie Connolly.	Domestic.	"	"	25 33	559 59	Ferdinand or Charles Boen- nick.	Newsman.	"	Germany.	485 19	485 19
Gufroyne Forsell.	Dressmaker.	"	Sweden.	14 57	"	James R. Webster.	Salesman.	"	England.	10,341 09	639 47
Ann Dalton.	"	"	Ireland.	38 47	136 13	Charles Dittman.	Tailor.	"	Germany.	1 88	10
Frieda Nesselbach.	"	"	Germany.	32 20	583 64	Frank Carroll.	Longshoreman.	"	New York.	140 10	140 10
Christian H. Breyer.	Unknown.	Germany.	Unknown.	"	78 08	Peter Murphy.	Real estate.	"	Ireland.	220 52	66 64
Louisa Knost.	"	"	"	"	72 81	Lewis Doyle.	Unknown.	"	Unknown.	"	1 90
Otto E. Salyman.	Engineer.	New York.	Germany.	44 97	1,055 41	John Hall.	Coppersmith.	"	Ireland.	582 52	8 72
Mary Biemesdorfer.	None.	"	"	89 36	"	Marie A. Poncin.	Domestic.	"	Germany.	169 92	7 77
Ellen Nelson.	Unknown.	"	Unknown.	115 87	3,276 27	Raynor Willey.	Cashier.	"	Spain.	213 60	124 12
Cases not Heretofore Reported.						Pauline Genet.	Lady's maid.	"	France.	366 54	139 77
						Unknown man from hospital.	Unknown.	"	Unknown.	41 19	38 10
						Louise Fisher.	Housework.	"	Germany.	114 92	58 30
						Johannes Schmidt.	Waiter.	"	New York.	246 30	8 02
						William Lücke.	"	"	Germany.	4 16	4 16
						Louis E. Piefky.	Piano carver.	"	"	4,355 67	181 31
						Fidur Bing.	Housework.	"	"	289 54	70 32
						Daniel M. Heaney.	Newsman.	"	Ireland.	340 23	132 89
						Frances Haegner.	Unknown.	"	Germany.	12,132 06	165 90
						Julia Gavin.	Domestic.	"	Ireland.	672 19	672 19
						Ann Dean.	None.	"	Troy, N. Y.	202 30	172 72
						William Schaefer.	Merchant.	"	Germany.	504 41	262 26
						Pierre Obenore.	Unknown.	"	Unknown.	8 11	"
						Mary H. Lynch.	Teacher.	"	United States.	115 77	115 77
						Jean F. Maige.	Interpreter.	"	France.	6 47	70
						Betty Woods.	Domestic.	"	Unknown.	153 05	153 05
						Margaret Smallman.	Housekeeper.	"	Ireland.	2,943 31	2 62
						Patrick J. Dowling.	Quartermaster.	"	West Indies.	238 11	1 77
						Barbara Dilger.	Domestic.	"	United States.	219 50	91 52
						Henry T. W. Steinberg.	None.	"	Prussia.	17,544 82	515 02
						Joseph Howard.	Actor.	"	Unknown.	2 33	2 33
						Louis Hinkal.	Shoemaker.	"	Germany.	1 00	1 00
						Unknown man.	Unknown.	"	Unknown.	24	24
						Ernest Garbreith.	"	"	Germany.	48	48
						Michael Daly.	"	"	Unknown.	2 12	1 00
						Serrestos Ferrestos.	Peddler.	"	Greece.	17 18	17 18
						Giuseppe Dallanegra.	Laborer.	"	Italy.	277 64	174 17
						Joseph Lauterbacher.	Cook.	"	Germany.	103 30	7 77
						Anastasia Morrissey.	Unknown.	"	Ireland.	180 04	64 80
						Sarah or Ann Hogan.	"	"	"	219 39	7 77
						Catharine Hinchion.	Dressmaker.	"	"	1,024 97	281 67
						Peter Sarkisian.	Laborer.	"	Turkey.	159 51	1 90
						Philip J. O'Reilly.	Lawyer.	"	Ireland.	44 36	44 36
						John Allen.	Merchant.	"	Scotland.	51 63	51 63
						Emanuel Roza.	Deckhand.	"	Portugal.	18	"
						Frank R. Paterson.	Telegraph operator.	"	Missouri.	649 40	168 14
						William Talbot.	Doorkeeper.	"	Ireland.	1,134 38	169 15
						Peter Yonston.	Unknown.	"	Unknown.	1 15	"
						Mary Mooney.	None.	"	Ireland.	358 55	167 07
						Eugene Vanoult.	Watchman.	"	France.	26	30
						James Ward.	Musician.	"	United States.	252 00	9 55
						Jan Kolmar.	Sailor.	"	Unknown.	3 08	1 20
						Carrie Diggs.	Domestic.	"	Virginia.	118 38	89 02
						Henry Sherman.	Laborer.	"	England.	3 48	2 30
						David Couch.	Ironworker.	"	Germany.	90 98	45 20
						Michael McGoldrick.	Soldier.	"	Ireland.	1,075 14	7 97
						Florence J. Fowle.	Singer.	"	United States.	154 33	122 07
						Jennie Cuff.	Domestic.	"	Ireland.	13 66	13 66
						Joseph Li neitz.	Unknown.	"	Unknown.	29	"
						Peter Blake.	Hospital orderly.	"	Ireland.	1,100 27	154 30
						Silas Sheppard.	Laborer.	"	United States.	16 43	15 85
						William H. Clark.	Painter.	"	"	59 48	23 20
						Hugh Higgins.	Jack dealer.	"	Ireland.	14,993 39	3 82
						Lawrence Peltier.	Unknown.	"	Unknown.	30 00	"
						Kate Kernell.	Domestic.	"	New York.	20 50	"
						Mary Robinson.	"	"	Ireland.	181 23	108 51
						Abraham Finkelstein.	Unknown.	"	Unknown.	212 04	212 04
						Dennis Cremius.	Soldier.	"	Ireland.	520 20	8 27
						Emilie Postale.	None.	"	France.	2,359 48	156 05
						Catherine Welch or Welsh.	Domestic.	"	Ireland.	855 25	120 25
						Clara T. Hewett.	None.	"	"	4 95	9 95
						Rose Rich.	Housekeeper.	"	Poland.	15 80	15 80
						Christiana Holst.	Dressmaker.	"	Denmark.	345 20	115 35
						William R. Mack.	Harnessmaker.	"	Germany.	16 64	9 73
						Etta S. Murray.	Dressmaker.	"	Massachusetts.	21 68	5 00
						Fritz Kreamer.	Pian maker.	"	Germany.	23 88	8 00
						James Murphy.	Waiter.	"	New York.	5 32	1 00
						Catherine J. Johnson.	Unknown.	"	Unknown.	1,636 14	1,332 62
						Joseph Miller.	Laborer.	"	Germany.	20 50	60
						Anna Raabon.	Seamstress.	"	France.	22 64	4 70
						Anne Steinkopf.	Housekeeper.	"	New York.	280 05	121 60
						Meeds T. Tuthill.	Lawyer.	"	United States.	444 72	444 72
						Jacob Jensen.	Coachman.	"	Unknown.	41 60	41 60
						John Trocier.	Carpenter.	"	Switzerland.	31 95	21 45
						Alma Kothe.	Shirt maker.	"	Germany.	216 20	137 45
						John Muller.	Laundress.	"	Ireland.	30 05	30 05
						Patrick J. Hennessey.	Tobacco dealer.	"	"	264 00	95 20
						Unknown man from Elev- enth street and North river.	Unknown.	"	Unknown.	50 00	45 10
						Ernest Weissman.	Farmer.	"	Germany.	60 69	60 69
						Margaret Hough.	Landlady.	"	Unknown.	56 50	56 50
						Bridget Casman.	Washing.	"	Ireland.	103 20	55 40
						Andrew Hambrosky.	Laborer.	"	Unknown.	14 16	1 45
						Paul Zerpies.	Unknown.	"	Germany.	492 66	235 92
						William Robinson.	"	"	Unknown.	20	20
						John F. Baumann.	Watchman.	"	Germany.	68 55	68 55
						William H. Russell.	Clerk.	"	United States.	5 00	5 00
						Julius Koehler.	Expressman.	"	West Indies.	58 64	3 00
						Jane Duff.	Cook.	"	Ireland.	10 75	1 00
						Josephine A. Jackson.	None.	"	United States.	58 85	58 85
						May Healey.	Housewife.	"	England.	"	25
						Marie Androit.	Housework.	"	France.	40 22	25 60
						Simon Shiel.	Unknown.	"	Unknown.	"	10
						Maggie Gilmore.	Domestic.	"	Germany.	1 20	1 10
						Daniel Short.	Foreman.	"	Unknown.	"	10
						Patrick Hagerty.	Unknown.	"	Ireland.	"	10 53
						Michael Coleman.	Laborer.	"	"	2 00	50
						Frank Smith.	Unknown.	"	Unknown.	72	50
						Joseph Koestler.	Manufacturer.	"	Austria.	578 70	187 45
						Ferdinand Schletter.	Unknown.	"	Germany.	"	7 22
						G. C. Ottoni.	"	"	Italy.	1 35	1 35
						Louis Krempf.	Clerk.	"	Germany.	204 30	104 20
						Peter Dally.	Laborer.	"	Ireland.	8 27	1 10
						Eleanor Oldenbuttle.	Housewife.	"	England.	30 12	6 05
						Michael O'Grady.	Plasterer.	"	Ireland.	976 42	4 05
						Mary B. Gaunt.	Real estate.	"	Virginia.	1 13	1 13
						Mary Rooney.	Unknown.	"	Unknown.	6 00	7 12
						Louis Johnson.	None.	"	Germany.	1 43	10
						John McGarry.	Unknown.	"	Unknown.	121 10	10 05
						John G. Queller.	Germaness.	"	Germany.	80 00	60 25
						Julius Spier.	Motorman.	"	Saxony.	77 42	111 80
						Eliza Fellews.	Janitress.	"	Ireland.	1,887 20	155 10
						Marie Ponson.	Cutter.	"	Belgium.	131 30	83 55
						Mohanna Saghia.	Merchant.	"	Syria.	20 00	8 20
						Margaret Owens.	Domestic.	"	Ireland.	2,171 94	94 05
						Ana Cullis.	Unknown.	"	England.	91 94	69 35
						John Wilke, or Wilkins.	None.	"	Germany.	4,247 42	9 10
						Theodore Mabie.	Coat maker.	"	United States.	64	10
						Lawrence Goolund.	Literature.	"	Denmark.	195 19	195 19
						James McCay.	Actor.	"	Ohio.	1,072 00	1,072 00
						Margaretina Wild.	Dressmaker.	"	Germany.	13 14	37
						Andrew M. Macvey.	Salesman.	"	Scotland.	124 63	86 37
						Mary E. McVicker.	Unknown.	"	Unknown.	"	25
						Mary Obvist.	"	"	Bohemia.	"	35
						Maria L. D. Kastner.	None.	"	Germany.	"	10
						James Foster.	Unknown.	"	England.	"	10
						Frederick W. Satokat.	Tailor.	"	Germany.	215 60	6 80
						Joseph Arlt.	Workman in brewery	"	"	6 30	95
						William Denger.	Unknown.	"	Unknown.	10	10
						Edmond Glock.	Cider.	"	Germany.	1,343 93	131 30

NAME.	OCCUPATION.	Place of Residence at the time of Death.	Country or Place from which he came.	Total Amount of Receipts in 1899.	Total Amount of Expenses in 1899, including funeral expenses, claims of creditors, and amount paid to next of kin, etc.	NAME.	AMOUNT.	NAME.	AMOUNT.
Katharine Osterlag.	Cook.	New York.	Germany.	\$864 90	\$152 40	Samuel Mills.	\$0 10	Louise Smith.	\$1 00
Henry Herring.	Janitor.	"	"	"	"	Thomas Curry.	20	Mary Reilly.	1 57
William Mackey.	Coachman.	"	Ireland.	3 20	1 30	Charles H. Reynolds.	10	J. Franks.	05
Margaret Kennedy.	Domestic.	"	"	167 40	2 20	John Read.	1 04	Joseph Sonza.	11
Paul Forchheimer.	Merchant.	"	Germany.	"	2 20	James T. Millwater.	05	Joseph Berrens.	10
William Wilkins.	Janitor.	"	United States.	459 68	52 50	Sam Wo.	63	Pasquella Marraino.	01
Eliza Allen.	Domestic.	"	Ireland.	93 15	93 15	Hom Lee.	6 55	Quo, g Pong.	1 25
Lena Hagelorn.	None.	"	Switzerland.	407 24	126 20	Edward Galbraith.	25	William Burns.	09
Chas. ney L. Hurd.	Clerk.	"	United States.	1 53	"	Unknown man (George).	10	William Melville.	05
Julius Mackenroth.	Waiter.	"	Germany.	35 09	7 00	John Farley.	26	Charles Williams.	10
Andrew Hagen.	Unknown.	"	Unknown.	25	25	William Murray.	10	Michael Layden.	12
Philipp Culmann.	Waiter.	"	Germany.	2 72	"	Robert J. Bowes.	28	Michael P. Quinn.	11
George Peters, or Petrie.	Unknown.	"	Unknown.	14 84	14 84	Charles Syke.	45	James Willard.	1 15
Johanne C. F. Lehenbauer.	"	"	Bavaria.	7,831 78	1,831 78	William Weldon.	05	Philip Marky.	14
Charles Geischen.	Clerk.	"	Germany.	41 13	30	Joseph McCattig.	05	Najeeel Barniib.	01
Abraham M. Brenner.	Merchant.	"	Austria.	6 00	6 00	Martin Johns.	24	Perfecto Pujados.	40
Marie Reimer.	Domestic.	"	Germany.	157 51	81 80	Charles Ridgeway.	02	Frank Merzien.	05
Joseph Edwards.	Seaman.	"	Norway.	778 03	145 85	Joseph Dunbar.	20	Henry Uhler.	85
Loisa Jones.	Agent.	"	United States.	17	05	John Payton.	06	Anton di Mattes.	49
Thomas C. Lombard.	None.	"	Bermuda.	24 87	24 87	R. N. Bradley.	16	Richard H. Lockwood.	01
S. Salu. Ingham.	Unknown.	"	West Indies.	6 43	20	Unknown woman, No. 214 Greenwich street.	3 58	Daniel Donovan.	15
Victor de Geneste.	Nurse.	"	Germany.	233 41	5 20	Alot Munsen.	05	John Frank, Pier A, North River.	85
Freida Gosch.	Laundress.	"	England.	159 25	51 35	John Ryan.	05	Philip Simons.	1 06
Jessie M. Wood.	Domestic.	"	Germany.	6 50	40	Henry Mills.	10	John Seronda.	41
Ellen Dingel.	Shoemaker.	"	Italy.	267 59	135 70	Thomas Davy.	2 90	John Garvy.	04
John Konig.	Merchant.	"	Unknown.	10 08	3 00	Frank Volask.	21	Michael Cavanagh.	45
Karlo Dellepiane.	Unknown.	"	Ireland.	1 23	1 00	John Sullivan.	25	Tim Fitzpatrick.	07
Annie Walsh.	Coachman.	"	England.	248 86	66 20	Peter Peterson.	59	John Peterson.	1 03
Emma Myers.	Plasterer.	"	West Indies.	1 51	40	William Clark.	25	Aurelie Foscoli.	50
Joseph Smith.	Servant.	"	Hungary.	442 47	110 80	William Reinecke.	15	Mary Sullivan.	23
Bernard J. Kelly.	None.	"	Unknown.	591 75	60	Berthold Maer.	1 15	Sarah Abrahams.	2 25
Henry J. McDonald.	Unknown.	"	Cuba.	"	35	P. Nelson.	16	Albert Robertson.	17
Aaron E. de Buria.	Cigarmaker.	"	Unknown.	70 42	40	James Daly.	17	S. E. McDermott.	10
William F. Hlows.	Domestic.	"	Germany.	"	10	Angelina Galeoni.	55	Joseph Ricci.	11
Sotero Acosta.	Unknown.	"	Russia.	"	10	James Moore.	28	Total.	\$43 67
Celia Peterson.	Washing.	"	Ireland.	2 26	"				
Pauline Daiber.	None.	"	Germany.	187 04	101 00				
Fanny Horovits.	Checker.	"	United States.	126 35	2 20				
Sarah A. Murphy.	Agriculture.	"	Unknown.	364 35	150 70				
Annie Huns.	Unknown.	"	Unknown.	6 00	35				
James Beynon.	"	"	"	51 90	20				
William T. Daplyn.	Clerk.	"	Ireland.	10 00	10 00				
Joshua Kane.	Housewife.	"	Germany.	1 85	1 00				
Louis F. Oldenbottle.	Unknown.	"	Unknown.	89	89				
Julius H. Lowenstein.	"	"	"	142 15	5 50				
Gerhard D. Maas.	Unknown.	"	Chili.	83 02	65				
John H. Lewis.	Merchant.	"	Unknown.	"	15				
Anna Schmitt.	Unknown.	"	Ireland.	"	10				
John H. Johnston.	Domestic.	"	United States.	"	10				
Henry M. Roberts.	None.	"	Unknown.	"	10				
Mary A. Simpson.	Unknown.	"	Austria.	"	30				
Romeo Bulcazar.	Cutlery.	"	Germany.	"	30				
John Barrett.	Scrub woman.	"	Ireland.	"	50				
Catharine Brown.	"	"	"	"	"				
William J. McCormick.	"	"	"	"	"				
Tobias Peterson.	"	"	"	"	"				
S. M. Simpson.	"	"	"	"	"				
Rudolph Willeker.	"	"	"	"	"				
Oscar Guenderoth.	"	"	"	"	"				
Elizabeth Sheridan.	"	"	"	"	"				

The following Estates were Reported from the Coroners during the Year 1899. The Cash Received was paid into the City Treasury; amount, \$127.22.

NAME.	AMOUNT.	NAME.	AMOUNT.
Martin Klein.	\$0 17	Andrew Roeslein.	\$1 50
Charles Lumley.	20	Anthony McNeiry.	9 25
Patrick McPartland.	10	F. Schwarz.	10
Charles Wagner.	32	Edward Albert.	1 06
Joseph Leib.	40	Frederick Naerter.	05
Robert Deisse, \$1 33 less expenses, \$1.50.	2 83	David Brown.	1 06
Albert Hermann.	17	John Kaul.	4 36
Giordano Biagio.	35	John B. Miller.	09
Louis Wolf.	20	Albert G. Ward.	2 05
Unknown Man, One Hundred and Sixty-ninth street and Sheridan avenue.	30	Sophia Serlyn.	10
Thomas Simonson.	08	Leo Dandovitz.	20
Unknown Man, opposite Stefin's Hotel, north of Hunter's Island.	78	Annie Devine.	02
John Dempsey.	08	Mary Lambert.	1 60
John Burns, \$0.95 less expenses, 50c.	1 45	Pauline Peters.	77
Louis Moleno.	1 58	Henry Muller.	\$1 76
Unknown Man.	02	Less charges.	70
Giordano Biagio.	1 40	Five marks sold for.	1 06
Albert Herman.	2 60	George W. Thompson.	15
Robert Deisse.	1 10	George B. Strauss.	\$2 68
Charles Werne.	1 40	Less charges.	50
Edward Gunscht.	40		
Ferdinand F. Hoffman.	1 40	John B. Johnson.	2 18
George A. Andrews, One Hundred and Twenty-fifth street, East river.	1 01	John Bark.	2 31
Frank Chapman, Pier 6, North river.	12	A. Kernan.	15
Unknown Man, Sixty-fifth street and North river.	1 15	Patrick McCarthy.	\$5 75
Unknown Man, foot of Bloomfield street.	1 15	Less charges.	1 00
Charles Sheets.	4		
Joseph Mack.	20	Henry Fluck.	4 75
Edward Martin.	73	Otto Brown.	83
W. H. Hughtan.	10	James Devaney.	5
Hugh Deaney.	11	Gussie Katz.	10
Aaron Hecht.	31	Gustav Soreke.	\$2 07
Otto Webber.	10	Less charges.	50
Thomas Burns.	15	Owen Cooney.	1 57
Richard W. Landersway.	1 60	Joseph Keeler.	06
Patrick F. O'Brien.	1 10	Charles W. Cook.	10
Unknown Man, One Hundred and Twenty-ninth street, between Second and Third avenues.	3	Nicholas Drescher.	\$1 78
August Mordett, 4 East Broadway.	1 42	Less charges.	50
William Adam.	1 04		
Pine Baum.	05	Mary Nawacke.	1 28
Jeremiah Carmody.	05	William Seulte.	03
Bertha Glack.	60	Henry Ayers.	05
Percy Hines.	40	William Lelir.	10
Gustav Honoke.	01	John Brehn.	64
Michael O'Brien.	43	Belle M. Webb.	1 00
Isaac S. Porter.	05	Mary Williams.	08
Charles Schmidt.	1 35	William Netah.	46
Frederick W. Weber.	05	Unknown Man, Central Park, September 17, 1898.	03
Albert Vendlein.	\$8 60	James A. Pollock.	1 02
Less.	60	David McCuskey.	05
		Edward McCarthy.	05
		Edward Holtzman.	75
		Frank Holtzman.	1 77
		Thomas T. Reinmer.	13
		August Harms.	18
		Charles Karansky.	25
		John Clark.	25
		Jacob Bradish.	06
		Isaac Lewis.	56
		Antonio Moscato.	13
		J. Thomas Brown.	06
		John Roaman.	45
		Unknown man, Sixth street and Fourth avenue.	15
		Unknown man, East river off Twenty-sixth street.	3 60
		Unknown man, Roosevelt Hospital.	1 80
		Unknown man One Hundred and Twenty-eighth street and Harlem river.	2 12
		Madeline Beinard.	15
		Unknown man, Pier 14, North river.	1 00
		Unknown man, Seventeenth street and East river.	90
		Unknown man, foot of West Thirteenth street, North river.	2 45
		Unknown man, Thirty-second Precinct, Washington Bridge.	07
		Unknown man, Roosevelt Hospital.	11
		Unknown man, East river, off Twenty-first street.	42
		Unknown man, 429 Third avenue.	07
		Unknown man, Nineteenth street and East river.	1 05
		Unknown woman, 460 West Thirty-eighth street.	3 80
		Unknown woman, 243 East Forty-second street.	05

Report of moneys unclaimed by next of kin, and paid into the City Treasury, during the year 1899, in addition to the estates received from the Department of Public Charities, from the Coroners, from the House of Relief, and the estates paid into the City Treasury, pursuant to chapter 230 of the Laws of 1898:

NAME.	AMOUNT.	NAME.	AMOUNT.
Theodore M. Hagen.	\$179 86	Mary J. Lee.	\$527 29
James H. Matthews.	6 10	Mary Robinson.	737 69
William J. McCarthy.	8 00	Bridget Sullivan.	1,801 40
Maria Zicklin.	2 01	Frieda Nesechsch.	341 43
Lizzie Connolly.	166 94	Mary B. Dunbar.	280 42
Ellen McNamara.	76 15	Rosalie Baumann.	12 88
John Cassidy.	1,463 97	Bridget Sullivan, additional.	6 40
James M. Moore.	246 27	John Cassidy.	"
Julie Munich.	279 95		
Nicholas Meyer.	949 52		
			\$7,159 86

The balances remaining in the following estates unclaimed by next of kin, have been paid into the City Treasury during the year 1899, pursuant to chapter 230, Laws of 1898:

NAME.	AMOUNT.	NAME.	AMOUNT.
Enfroyne Forsell.	\$14 57	Daniel Hoag.	\$3 90
Charles Brush.	10 03	Anna M. M. Hammerichin.	172 40
Catharine Sullivan.	152 36	Honora Monahan.	58 63
Nathan Campbell.	38	Be sie Hanley.	184 46
Oscar Leubl.	1 46	Thomas O. Murray.	217 88
William Brophy.	9 80	Philip Kleber.	12 18
John Tyrall.	5 15	Mathew King.	65 95
Michael altzi.	10 22	Caroline Bell.	14 72
Frances Del Ville.	32 40	William Werner.	1 01
Agnes C. Shea.	52 09	Erick G. Eckman.	12 80
Charles Brown.	1 22	Jane Keegan.	14 24
Harriet Wright.	61 23	Constein Kastenfeld.	3 96
Charles Darab.	4 66	Emile Rave.	1 75
Margaret O'Brien.	5 56	Margaret Hennessey.	5 09
Annie Caughlin.	8 25	Edward Reutter.	10 38
John J. Crane.	5 56	E. L. Long.	3 64
George Smith.	4 59	Pauline Golz.	2 45
Eva Ecel.	153 60	John Koblock.	3 14
Kate Murphy.	24 56	William Carney.	5 11
Eliza Murphy.	36 66	Achele Frediane.	7 21
Augusta Lagerlof.	83 54	Joseph A. Browder.	5 07
Sara L. Lazarus.	141 27	Mary Madeline.	1 60
Ellen Rooney.	70	Charles Hosing.	1 73
Anton Pokorney.	45 43	Bessie Dunbar.	1 59
Vincenzo Cassina.	14 61	Charles Beck.	1 84
Caroline Smith.	4 48	William C. James.	2 40
Amelia C. Noyes.	34 33	Albert Hesse.	21 04
Alexander Forrester.	1 71	Henry Goebel.	31 45
Charles Anderson.	24	Samuel Weir.	5 47
Alfred Leucinger.	1 05	Marie Matrail.	39 32
Lucinda Yates.	37	Ellen Bouney.	5 38
Margaret Deline.	1 12	James Forrest.	58 51
John O'Brien.	139 84	Margaret Redmond.	22
Herman Yanscholz.	50 75	James O'Brien.	93 33
Herman Weiss.	81	Wanda Bodinsbach.	11 47
John W. Holgate.	4 90	Bessie Baldwin.	24 45
John Hense.	4 71	Abraham Christianson.	8 88
Mary J. Lillie.	54 50	John M. Neu.	54 01
James Moran.	3 00	Henry Powers.	4 09
Bridget Williams.	14 58	August Bokaff.	75
Unknown man.	24		
Louis Hinkal.	1 00		
Maggie Brown.	1 30		
		Total.	\$2,363 07

The following Estates were Reported from the House of Relief during the Year 1899. The Cash received was paid into the City Treasury; amount, \$43.67.

NAME.	AMOUNT.	NAME.	AMOUNT.
Carmen Lascania.	\$0 20	Jacob Stedwager.	3 50
John Duzinsky.	1 11	Joseph Hampel.	1 48
Peter Korty.	50	Patrick Holland.	20

The following Estates were reported from the Department of Public Charities during the year 1899. The cash received was paid into the City Treasury; amount, \$234.

NAME.	AMOUNT.	NAME.	AMOUNT.
Ernest Roberts.	\$0 21	Daniel Buckley.	\$0 13
Joseph Clark.	99	Theodore F. Eulner.	25
Charles P. Remington.	10	Frederick Austin.	1 00
Joseph Durbrow.	5 00	John M. ody.	08
James Mullarkay.	10	James Ryan.	02
Patrick Murphy.	75	James Radiger.	23
Isaac Lutson.	1 15	James White.	45
Michael Callahan.	25	Unknown Man, Morgue.	2 00
Josephine Lannonier.	93	Joseph McGuire.	30
Joseph Puttison.	1 00	David Lamb.	15
Patrick McGuire.	45	Edward Flaherty.	01

NAME.	AMOUNT.	NAME.	AMOUNT.
Dora Mayo.....	\$0 25	George Hall.....	\$0 10
Anton Stahl.....	17	Margie Murphy.....	21
Martin Hanner.....	2 00	Mary Naegler.....	1 02
Dora Rose.....	11	Peter Schnelyeis.....	25
James McGowan.....	29	Kate Wagner.....	12
Ignatz Lovinsky.....	05	Sarah Lynch.....	95
Henry Ritter.....	57	John Martin.....	5 14
James Hughes.....	4 65	Henry Dean.....	1 64
James Fox.....	17	Annie Urner.....	1 70
Thomas Dunn.....	53	Frank Clark.....	1 88
John Hawk or Hamik.....	97	Bessie Fynn.....	1 00
Unknown woman, Forty-second Street Sub- Precinct.....	05	Lizzie Hickey.....	5 40
Henry Wilson.....	48	Alexander McDonnell.....	25
Edward Duffy.....	1 13	James Lyons.....	02
Christian Ost.....	29	Catharine Langton.....	25
John Stussy.....	87	Nichlas Wessell.....	4 00
Magnus P. Cudwens.....	90	Nelson Larson.....	14
Charles Luby.....	1 00	Annie Malone.....	44
Jeanette Burr.....	38	Fred. Eiler.....	1 97
David Rabenowicz.....	57	Michael Evangelist.....	40
Unknown man (Garrison), Harlem Hospital.....	6 00	Theo. Ruden.....	25 00
Annie Surman.....	1 36	Ludwig Schoenthaler.....	99
Thomas Clifford.....	18	Joseph Schwahl.....	17
Guisepe Angelo.....	55	Michael O'Connor.....	24
Laura Dupont.....	05	Mary McKenna.....	12 60
Richard Ulrich.....	9 00	Maggie Agle.....	18 29
Unknown man (Louis Liedner).....	3 60	John Bloom.....	11
Unknown man, Pier 36, E. R.....	25	Matilda Schroeder.....	5 25
Delia Welsh (or Walsh).....	01	August Gundlach.....	26
Charles Chapin.....	01	Ellen Mahoney.....	20
Joseph Casig.....	03	Susan Westodg.....	25
Maggie Shanakle.....	2 15	Liza Purcell.....	27
Nicoletta Roolth (or Rovelli).....	60	John Connors.....	26
Joseph A. Almond.....	35	Antonio Mayo.....	51
Unknown man (or Fred. Buche).....	29	Frank Granche.....	2 85
Ellen Lynch.....	3 05	Gotlieb Spohn.....	35
Unknown man (or Michael Walsh).....	1 67	Patrick Meagher.....	13
Clinton Harrison.....	58	Owen McArdle.....	30
Ellen Ryan.....	24	August Wolski.....	70
Katie Hofschild.....	21	Alexander Soudena.....	70
David Tracey.....	3 40	Lizzie Ford.....	2 00
Bridget Dempsey.....	1 00	Clara Goth.....	05
Katie Manning.....	30	August Jansen.....	05
Bridget Dunn.....	30	A. Matthews.....	11
Unknown Man (from Harlem).....	7 30	Vincent Beofic.....	10
Ann Thornton.....	30	Joseph Safety.....	35
Nellie Farrell.....	55	John Healy.....	92
Anthony Hughes.....	1 06	Nathaniel Stowe.....	20
Julia Murphy.....	67	Frank Gerish.....	70
Sarah Young.....	50	Rosina Strazzi.....	08
Thomas Vreeland.....	19 10	Carmelo D. Francesco.....	1 01
Mary Kennedy.....	40	Mark Brown.....	08
Ann Mitchell.....	30	John Nevins.....	1 00
Mary A. Mellen.....	50	Frederick Hanges.....	1 00
Ann Lacy.....	1 37	Emil Noha.....	1 00
Thomas Lund.....	1 25	Anton Becker.....	61
Nicholas Lewis.....	29	Michael Sullivan.....	75
Joseph Meyer.....	19	Dunasso Peino.....	22
Matthew Smith.....	35	John Smith.....	20
Amelia Mahrens.....	15	Nathan Rosengarten.....	1 42
Kate Doyle.....	44	Richard Bennett.....	01
Hugh Gillespie.....	46	Lewis Weinstein.....	90
John Steffans.....	1 35	Michael Schilings.....	10
Catherine Curren.....	50	Pat. Erevin.....	45
John O'Connor.....	3 00	Henry Reid.....	17
John Connor.....	1 15	George Schneider.....	17
John Cavanagh.....	2 00	Frank Maetschen.....	28
Chin Loy.....	1 02	Laurence Caffert.....	07
John Herbert.....	35	George Brogas.....	12
James Sloan.....	97	Hyman Dunkle.....	11
Edward Donegan.....	1 66	William Smith.....	1 07
Lau Hang Poog.....	87	Patrick Costello (due bill collected).....	6 25
		Total.....	\$234 00

Proceeds of sale of effects received from Coroners during the year 1899. The cash realized was paid into the City Treasury; amount, \$69.49.

NAME.	AMOUNT.	NAME.	AMOUNT.
Annie Devine.....	\$0 32	Louis Lendner.....	\$0 64
Peter Trexel.....	48	George Schmeiker.....	28
Robert Kay.....	48	Konrad Kessler.....	28
Edward Martin.....	20	Christian Skofius.....	28
Adolph Martin.....	32	John Carroll.....	3 00
William Jackson.....	1 04	Unknown man, Pier 21, East river.....	2 88
H. Gunther.....	40	Unknown man, Corduke's saloon, No. 429 Third avenue, New York.....	56
Daniel Deneen.....	20	Unknown woman, No. 40 West Thirty- eighth street.....	1 20
Mary Lambolot.....	80	August Nordett.....	3 99
Scott Ingles.....	72	Louise Rose.....	44
Gabriel Adam.....	28	Helen Reynolds.....	12 00
Fred Kepple.....	44	Nicholas Lucking.....	40
Furman G. Sharp.....	2 03	Christian Schmol.....	16
F. Schwarz.....	64	Unknown man, Bull's Head, Richard Turn- pike, Brough of Richmond.....	68
Andrew Roesslein.....	1 04	Faustine Mendoza.....	2 00
John B. Miller.....	20	Freman A. Gillett.....	1 28
William P. Flynn.....	1 80	Herman Merk.....	72
Ogden Olsen.....	48	Ferdinand Herve.....	2 20
Rezar.....	1 60	Herman Kay.....	1 28
Frank A. Morrell.....	28	Leo Oberwarth.....	1 36
James Miller.....	48	Robert Cox.....	80
John Werner.....	64	Unknown man, September 17, 1898, Central Park.....	2 15
John Bittorf.....	60	Harris Seigel.....	40
Charles W. Ogden.....	1 40	Frederick B. Hinsler.....	64
August Tewes.....	50	William Johnson.....	68
John Harazin.....	64		
James McMahon.....	1 80		
Philip Kneibert.....	24		
Charles Housman.....	64		
		Total.....	\$39 04

Proceeds of Sale of Effects Received from the Department of Public Charities during the Year 1899. The Cash Realized was paid into the City Treasury; amount, \$39.04.

NAME.	AMOUNT.	NAME.	AMOUNT.
Eliza Kieley.....	\$1 12	Martha Gaffly.....	\$72
Margaret Steinmetz.....	52	Maggie Hahlbrock.....	48
Mary Dudley.....	48	Philomena Quolia.....	1 68
Margaret Peffer.....	50	Grace Stule.....	40
Unknown man, One Hundred and Twenty- ninth street and Second avenue.....	20	Antonio Laura.....	28
Becky Cohen.....	36	John Lyons.....	48
James McCormack.....	80	Eliza Soderling.....	3 40
Charles P. Remington.....	28	William J. L. Maxwell.....	56
Caroline Peffer.....	36	Ann Thornton.....	1 28
Julia Pettig.....	80	Christine Iria.....	80
Maggie Miller.....	56	Elsie Mates.....	20
Mary Sullivan.....	20	Unknown man, Central Park, Ninety-fifth street, West Drive.....	1 36
Maggie Shanakle.....	32	Mrs. Suhr.....	80
Luisa Jones.....	1 84	Magnus P. Gudenens.....	1 04
Ann Mitchell.....	48	Laura Dupont.....	1 00
John McGrath.....	20	Bessie Fynn.....	80
Eliza Redmond.....	88	Arthur Elvers.....	1 00
Florence Sigbee.....	1 12	Albert Wenlein.....	48
Joseph A. Almond.....	88	William Emdoff.....	48
Maria Colletta.....	80	Philip Metz.....	40
Laura Urban.....	80	Michael Clark.....	80
Ruby Foster.....	40	Henry Fisher.....	48
Mary Briggs.....	1 60	Dr. Arthur Beaumont.....	56
Frances Hallenbeck.....	2 00	Peter Gupfinger.....	48
Annie Drew.....	24		
Thomas Dunn.....	1 04	Total.....	\$39 04

Cash Account for the Year 1899.

January 1, 1899, balance.....	\$277,821 77
Cash received during the year 1899.....	239,451 05
	\$517,272 82
Cash disbursements during the year 1899.....	235,862 96
Balance on hand January 1, 1900.....	\$281,409 86

Deposited as follows:

Continental National Bank.....	\$59,179 74
National Union Bank.....	80,110 79
City Trust Company.....	32,783 17
Phenix National Bank.....	107,308 16
Colonial Trust Company.....	2,028 00
	\$281,409 86

Total amount paid into the City Treasury during the year 1899, for commissions 8,987 20
Total amount paid into the City Treasury during the year 1899, for account of
intestate estates..... 9,695 89

Total..... \$18,683 09

City and County of New York, ss.:

William M. Hoes, Public Administrator of the County of New York, being duly sworn, deposes and says, according to his best knowledge, information and belief, the foregoing account contains a true statement of the total amount of his receipts and expenditures in each case in which he shall have taken charge of and collected any effects, or on which the Public Administrator shall have administered during the year 1899, with the name of the deceased, his or her addition, and the country or place from which he or she came, if the same be known.

WILLIAM M. HOES.

Sworn to before me this 4th day of January, 1900.

JAMES F. EUCK, Commissioner of Deeds for the City and County of New York.

Which was ordered on file.

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH—CITY OF NEW YORK,
SIXTH AVENUE AND FIFTY-FIFTH STREET,
NEW YORK, January 19, 1900.

Hon. ROBERT A. VAN WYCK, Mayor of The City of New York:

SIR—At a meeting of the Board of Trustees of the Health Department Pension Fund held January 17, 1900, the following report was read and adopted, and the Secretary was directed to forward a copy of the same to his Honor the Mayor of The City of New York, as provided for in section 1331 of chapter 378 of the Laws of 1897:

Receipts.

MONTH - 1899.	ATTOR- NEY COSTS.	SEARCHES AND TRANSCRIPTS OF BIRTHS, MARRIAGES AND DEATHS.	FINES AND PENALTIES.	ACCOUNT OF INTEREST.	TOTAL.
January.....	\$967 83	.....	\$50 70	\$1,028 50
February.....	781 90	.....	.....	781 90
March.....	\$15 00	881 60	\$1,190 00	2,086 60
April.....	10 00	1,050 80	.....	1,060 80
May.....	5 00	904 00	.....	909 00
June.....	542 50	875 70	1,418 20
July.....	739 10	.....	739 10
August.....	898 20	.....	898 20
September.....	614 20	55 00	669 20
October.....	856 40	355 00	1,211 40
November.....	783 40	.....	783 40
December.....	726 00	1,002 02	1,728 02
	\$30 00	\$9,745 90	\$1,600 00	\$1,938 42	\$13,314 32

Cash in Knickerbocker Trust Company, last report..... 62,451 91

Total..... \$75,766 23

Disbursements.

Pension, J. T. Nagle, M. D., retired July, 1895, at.....	\$1,200 00
" William Reynolds, retired June, 1896, at.....	540 00
" F. Livermore, M. D., retired February, 1897, at.....	900 00
" S. Terhune (widow of Richard), May, 1897.....	300 00
" E. L. Pardee, M. D., retired September, 1897.....	900 00
" J. A. Weil, retired March, 1898.....	850 00
" L. Kraushaar, retired August, 1898.....	850 00
" E. I. Gallagher, retired September, 1898.....	750 00
" C. A. Koerber, retired October, 1898.....	600 00

New Pensions Granted.

F. W. Lester, M. D., retired July, 1899..... 225 81

Cash on deposit with Knickerbocker Trust Company, at 3 per cent..... 68,650 42

Total..... \$75,766 23

A true copy.

WM. T. JENKINS, Secretary, Health Department Pension Fund.

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK,
NEW YORK, January 24, 1900.

The Board met pursuant to adjournment.

Present—Commissioners Michael C. Murphy, John B. Cosby, M. D., William T. Jenkins, M. D., the President of the Board of Police.

The minutes of the last meeting were read and approved.

SANITARY BUREAU.

The following Communications were Received from the Sanitary Superintendent:

- 1st. Weekly reports of the Sanitary Superintendent. Ordered on file.
- 2d. Weekly reports from the Willard Parker, Reception, Riverside and Kingston Avenue Hospitals. Ordered on file.
- 3d. Report on changes in the hospital service.
On motion, it was
Resolved, That the following changes in the hospital service be and are hereby approved:

Kingston Avenue Hospital.

NAME.	POSITION.	SALARY.	ACTION.	DATE.
Mary E. Murphy.....	Ward Maid.....	\$168 00	Resigned.....	Jan. 16, 1900

4th. Reports and certificates on overcrowding in the following tenement-houses.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the following apartments in tenement-houses in The City of New York are so overcrowded that less than four hundred cubic feet of air space is afforded to each occupant in the said houses; it is

Ordered, That the number of occupants in said apartments be and are hereby reduced as follows:

No. of Order.	ON PREMISES.	LOCATION OF ROOM.	OCCUPANT.	REDUCED TO	
				Adults.	Children.
1444	No. 222 West Twenty-seventh street	Second floor, r. w. s.	Minnie Hearn.	6	..
1445	No. 37 Park street	Third floor, f. n. s.	Peter Russo.	2	3
1446	"	Fifth floor, r. n. s.	Peter Marso.	3	..
1447	"	First floor, s. s.	Frank Gersarab.	4	..
1448	No. 12 Pell street	Room 4.	Long Ling	2	..
1449	"	"	Ching Foy	6	..
1450	"	"	Joe Daton.	3	..
1451	"	"	Kon Lee	2	..
1452	No. 13 Pell street	"	Tallo John	3	..
1453	No. 22 Pell street	"	Jim Lee	3	..
1454	"	"	Wong Ken	4	..
1455	"	"	Hop Son	5	..
1456	"	"	Sing Lee	4	..
1457	"	"	Yuen Wing	5	..
1458	"	"	Chun Fay	5	..
1459	No. 23 Pell street	Fourth floor, r.	Mike Fogelli.	5	4
1460	No. 32 Pell street	Second floor	L. Hing.	3	..

5th. Certificates in respect to the vacation of premises at No. 68 First street, rear, and No. 261 East Fourth street, Borough of Manhattan; and No. 277 Tillary street, Borough of Brooklyn.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 68 First street, rear, in the Borough of Manhattan, has become dangerous to life and is unfit for human habitation because of defects in the drainage thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 68 First street, rear, in the Borough of Manhattan, be required to vacate said building on or before January 30, 1900, for the reason that said building is dangerous to life, and is unfit for human habitation because of defects in the drainage thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 261 East Fourth street, in the Borough of Manhattan, has become dangerous to life, and is unfit for human habitation because of defects in the drainage thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 261 East Fourth street, in the Borough of Manhattan, be required to vacate said building on or before January 30, 1900, for the reason that said building is dangerous to life, and is unfit for human habitation because of defects in the drainage thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 277 Tillary street, in the Borough of Brooklyn, has become dangerous to life, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 277 Tillary street, in the Borough of Brooklyn, be required to vacate said building on or before January 30, 1900, for the reason that said building is dangerous to life, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

6th. Report on compliance with certain orders to vacate premises, etc.

On motion, it was

Resolved, That the following orders be and are hereby rescinded, for the reason that the causes for the same have been removed:

Vacations.

No. of Order.	LOCATION.	No. of Order.	LOCATION.
18	BOROUGH OF MANHATTAN.	18	No. 598 Courtlandt avenue.
1405	No. 109 Lewis street (rear).	1405	No. 4957 Third avenue.
1799	BOROUGH OF THE BRONX.	1799	BOROUGH OF QUEENS.
2002	No. 754 East One Hundred and Sixty-third street.		Railroad avenue, between Preston and Spring streets, Long Island City.

7th. Reports on applications for permits.

On motion, it was

Resolved, That permits be and are hereby granted as follows:

No.	BUSINESS, MATTER OR THING GRANTED.	ON PREMISES AT
110	To keep a lodging-house for 210 lodgers	BOROUGH OF MANHATTAN.
12006	To board and care for 1 child.	Nos. 154 and 156 East One Hundred and Twenty-ninth st.
12007	To board and care for 1 child.	No. 1845 First avenue.
12008	To keep a rag shop for tailors' clippings only.	No. 1202 Third avenue.
12009	To keep a school for 20 scholars	No. 23 Thompson street.
12036	To occupy the basement as a place of living and sleeping.	No. 214 Canal street.
12037	To board and care for 2 children.	No. 264 West Eighty-third street.
		No. 444 East Eighty-second street.
12010	To board and care for 1 child.	BOROUGH OF QUEENS.
12038	To render fat and manufacture glue and fertilizer.	No. 47 Henry street, Long Island City.
		Railroad avenue, Preston and Spring streets, Long Island City.
12011	To keep 2 pigs.	BOROUGH OF RICHMOND.
12012	To keep 10 chickens.	Amboy road, Oakwood.
12013	To keep 10 chickens.	No. 9 Fifth avenue, New Brighton.
12014	To keep 12 chickens.	Laforgue avenue, Port Richmond.
12015	To keep 13 chickens.	No. 18 Post avenue, First Ward.
12016	To keep 15 chickens.	No. 35 York avenue, First Ward.
12017	To keep 20 chickens.	No. 45 Bayview avenue, Mariner's Harbor.
12018	To keep 20 chickens.	No. 40 St. John's avenue, Fourth Ward.
12019	To keep 22 chickens.	No. 4 Tompkins avenue, First Ward.
12020	To keep 24 chickens.	No. 14 John street, First Ward.
12021	To keep 25 chickens.	Sherman avenue, near Laforgue place.
12022	To keep 25 chickens.	Bennett and Castleton avenues.
12023	To keep 25 chickens.	No. 83 Pennsylvania avenue, Fourth Ward.
12024	To keep 30 chickens.	Lyman avenue and Centre street, Fourth Ward.
12025	To keep 30 chickens.	No. 203 Richmond road, Second Ward.
12026	To keep 30 chickens.	Vetter avenue, Concord.
12027	To keep 35 chickens.	Richmond terrace, First Ward.
12028	To keep 60 chickens.	Old place, Mariner's Harbor.
12029	To keep 500 fowls.	No. 75 Richmond terrace, Port Richmond.
12030	To keep 30 chickens.	Richmond Hill, New Dorp.
12031	To keep 20 chickens.	No. 35 Van Pelt avenue.
12032	To keep 500 chickens.	Washington avenue, Mariner's Harbor.
12033	To keep 3 pigs.	Rockland avenue, Third Ward.
		Washington avenue, Mariner's Harbor.
12034	To keep 24 chickens.	BOROUGH OF THE BRONX.
12035	To keep 10 chickens.	Station street and Bronx river, Williamsbridge.
		No. 1950 Main street, West Farms.

Reports on Applications for Store and Wagon Permits for the Sale of Milk in The City of New York.

On motion, it was

Resolved, That the following permits for the sale and delivery of milk in The City of New York be and the same are hereby granted:

No.	LOCATION.	No.	LOCATION.
	BOROUGH OF BROOKLYN.		
	WAGONS.		
1072	No. 405 First street.	5370	No. 1455 Madison avenue.
1073	Maspeth.	8543	No. 335 East Sixth street.
1074	No. 46 Siegel street.	8707	No. 52 West End avenue.
1075	No. 322 Meeker avenue.	8821	No. 530 West Thirtieth street.
1076	No. 143 Havemeyer street.	8858	No. 210 East One Hundred and Seventh street.
1077	No. 79 South Fifth street.	9335	No. 430 West Forty-ninth street.
1078	No. 300 Thirty-ninth street.	9473	No. 1457 Madison avenue.
1079	No. 117 Kingsland avenue.	9818	No. 45 East One Hundred and Sixth street.
1080	No. 733 Fifty-ninth street.	10960	No. 430 East Eighty-seventh street.
1081	"	11065	No. 1850 Lexington avenue.
1082	"	11066	No. 221 Mott street.
1083	"	11067	No. 131 Mulberry street.
1084	"	11068	No. 34 Essex street.
1085	Glendale, L. I.	11069	Nos. 182 and 184 Clinton street.
1086	No. 1554 Broadway.	11070	No. 2022 Amsterdam avenue.
1087	"	11071	No. 205 East Ninety-seventh street.
1088	"	11072	No. 1754 Madison avenue.
1089	"	11073	No. 1568 Second avenue.
1090	"	11074	No. 570 Ninth avenue.
1091	"	11075	No. 305 East One Hundred and Sixth street.
1092	No. 113 Stagg street.	11076	No. 2171 Fifth avenue.
1093	East Williamsburg, L. I.	11077	No. 1504 Second avenue.
	BOROUGH OF MANHATTAN.	11078	No. 1 East One Hundred and Twelfth street.
	STORES.	11079	No. 1572 Lexington avenue.
1252	No. 333 East One Hundred and Thirteenth street (duplicate).	11080	No. 1548 Madison avenue.
1288	No. 84 Norfolk street (duplicate).	11081	No. 1443 Fifth avenue.
3535	No. 1670 Avenue A (duplicate).	11082	No. 1447 Fifth avenue.
8771	No. 317 Madison street (duplicate).	11083	No. 1388 Fifth avenue.
10315	No. 152 Orchard street (duplicate).	11084	No. 1448 Fifth avenue.
10618	No. 642 Amsterdam avenue (duplicate).		WAGONS.
339	No. 186 First avenue.	1071	Nos. 880 and 882 Amsterdam avenue.
1257	No. 309 East One Hundred and Eleventh street.	1072	"
1760	No. 2206 Second avenue.	1073	"
1826	No. 541 West Forty-fourth street.	1074	"
2134	No. 41 Essex street.	1075	"
2163	No. 1881 Second avenue.	1992	"
2177	No. 2065 Second avenue.		BOROUGH OF THE BRONX.
2666	No. 142 Lenox avenue.		STORES.
3713	No. 532 West Fifty-fifth street.	486	Nelson avenue and Devco street.
3735	No. 527 West Fifty-fifth street.	492	No. 4245 Third avenue.
3741	No. 347 East One Hundred and Ninth street.	493	No. 151 Alexander avenue.
5075	No. 27 Bond street.	494	No. 732 East One Hundred and Sixty-seventh street.
5320	No. 1735 Lexington avenue.		WAGON.
5370	No. 1857 Second avenue.	109	No. 504 Bergen avenue.
8513	No. 335 East Sixth street.		
8707	No. 429 West Thirty-second street.		
8821	No. 530 West Thirtieth street.		
8858	No. 212 East One Hundred and Seventh street.		
9335	No. 439 West Forty-ninth street.		
9473	No. 1457 Madison avenue.		
9818	No. 45 East One Hundred and Sixth street.		
10960	No. 309 East Eighty-third street.		
1072	Nos. 880 and 882 Amsterdam avenue.		
1073	"		
1074	"		
1075	"		
1992	"		

On motion, it was

Resolved, That permits be and are hereby denied, as follows:

No.	BUSINESS, MATTER OR THING DENIED.	ON PREMISES AT
		BOROUGH OF MANHATTAN.
339	To sell and deliver milk.	No. 186 First avenue.
1757	"	No. 309 East One Hundred and Eleventh street.
1760	"	No. 2306 Second avenue.
1826	"	No. 541 West Forty-fourth street.
2134	"	No. 41 Essex street.
2163	"	No. 1881 Second avenue.
2177	"	No. 2065 Second avenue.
2666	"	No. 142 Lenox avenue.
3713	"	No. 532 West Fifty-fifth street.
3735	"	No. 527 West Fifty-fifth street.
3741	"	No. 347 East One Hundred and Ninth street.
5075	"	No. 27 Bond street.
5320	"	No. 1735 Lexington avenue.
5370	"	No. 1857 Second avenue.
8513	"	No. 335 East Sixth street.
8707	"	No. 429 West Thirty-second street.
8821	"	No. 530 West Thirtieth street.
8858	"	No. 212 East One Hundred and Seventh street.
9335	"	No. 439 West Forty-ninth street.
9473	"	No. 1457 Madison avenue.
9818	"	No. 45 East One Hundred and Sixth street.
10960	"	No. 309 East Eighty-third street.
1072	"	Nos. 880 and 882 Amsterdam avenue.
1073	"	"
1074	"	"
1075	"	"
1992	"	"

On motion, it was

Resolved, That the following permits be and the same are hereby revoked:

No.	BUSINESS, MATTER OR THING REVOKED.	ON PREMISES AT
		BOROUGH OF MANHATTAN.
105	To keep a lodging house.	Nos. 154 and 156 East One Hundred and Twenty-ninth street.
11718	To board and care for 1 child.	No. 347 East Fifty-third street.
9 63	To occupy basements for living purposes	No. 348 West Fifty-third street.
3855	"	No. 706 Third avenue.
6444	"	No. 320 East Fifty-sixth street.
6211	"	No. 218 East Sixty-fifth street.
8745	"	No. 1098 Third avenue.
7444	"	No. 122 Third avenue.
8428	"	No. 72 West One Hundred and Fifth street.
9494	"	No. 307 West One Hundred and Eighteenth street.
9 33	"	No. 485 Amsterdam avenue.
6471	"	No. 446 East Eighty-ninth street.
6428	"	Nos. 192 1/2 and 192 3/4 Varick street.
8300	"	No. 127 Henry street.
0419	"	No. 12 Hamilton street.
6261	"	No. 65 James street.
3814	"	No. 22 Chrystie street.
8828	"	No. 60 Market street.
8108	"	No. 175 East One Hundred and Twenty-third street.
9350	"	No. 74 Christopher street.
6140	"	No. 58 Suffolk street.
8520	"	No. 195 Grand street.
6905	"	No. 124 Clinton street.
8474	"	No. 31 Downing street.
8457	"	No. 397 Eighth avenue.
5970	"	No. 429 West Eighteenth street.
5060	"	No. 333 West Twenty-first street.
9449	"	No. 686 Sixth avenue.
1827	"	No. 511 Sixth street.
9146	"	No. 288 East Third street.
8676	"	No. 124 East One Hundred and Nineteenth street.
7117	To keep a manure vault.	One Hundred and Thirty-sixth street, east of Madison avenue.
7076	"	South side One Hundred and Sixty-second street, 300 feet north of Kingsbridge road.
2197	To sell and deliver milk.	No. 109 East One Hundred and Twenty-fourth street.
		BOROUGH OF QUEENS.
10148	To deposit manure on cars, cars to be properly covered, the work to be done in accordance with the rules and regulations of the Board of Health, and to transport the same within the city limits.	Newtown creek and East river docks.
11110	To board and care for 2 children.	No. 273 Crescent street, Long Island City.
10386	To render fat and manufacture fertilizer.	Railroad avenue, Preston and Spring streets, Blissville.

8th. Reports on applications for relief from orders.

On motion, it was

Resolved, That the following orders be extended, modified or rescinded, as follows:

No. of Order.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
4	BOROUGH OF MANHATTAN. No. 217 East One Hundred and Twenty-first street.	Feb. 15, 1900	
31	No. 134 East Eighteenth street.	" 1, "	
79	No. 425 East Ninety-first street.	Mar. 1, "	
45344	No. 483 Columbus avenue.	" 1, "	On that portion of the order requiring the cellar bottom to be repaired.
46230	No. 122 Elizabeth street.	Feb. 1, "	
55	BOROUGH OF THE BRONX. Clinton avenue, first house north of One Hundred and Seventieth street.	Feb. 16, 1900	
66	Wendover and Park avenues.	" 18, "	
595	BOROUGH OF MANHATTAN. No. 894 1/2 Sixth avenue.		Rescinded.
894	No. 242 West Sixtieth street.		"
31561	No. 74 Amsterdam avenue.		"
34778	No. 445 West Fifty-fourth street.		"
35429	No. 104 Centre street.		"
37447	No. 64 Greenwich street.		"
37901	No. 16 Beach street.		"
39078	No. 647 East Thirtieth street.		"
43276	Rear yards of buildings Nos. 34 to 48 Watts street.		"
4957	BOROUGH OF BROOKLYN. North side of Seventh street, 140 to 180 feet east of Fourth avenue.		"

On motion, it was

Resolved, That the following applications for relief from orders be and are hereby denied:

No. OF ORDER.	ON PREMISES AT	No. OF ORDER.	ON PREMISES AT
229	BOROUGH OF MANHATTAN. No. 308 Tenth avenue.	690	No. 912 Sixth avenue.
230	No. 310 Tenth avenue.	799	No. 28 Washington street.
242	No. 8 Bond street.	918	Nos. 132 and 134 West Forty-seventh street.
325	No. 5 West Twenty-first street.	945	No. 73 Goerck street.
394	No. 221 East One Hundred and Fourteenth street.	25907	No. 157 West Thirty-sixth street.
		44646	No. 84 Elizabeth street.
		45864	No. 128 Hudson street.

BOROUGH OF MANHATTAN.

1st. Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Manhattan. Ordered on file.

FIRST DIVISION.

Division of Sanitary Inspection.

2d. Weekly reports of the Chief Inspector:

- Weekly report of work performed by Sanitary Police.
 - Weekly report on sanitary condition of manure dumps.
 - Weekly report on sanitary condition of offal and night-soil dumps.
 - Weekly report on sanitary condition of slaughter-houses.
- Ordered on file.

SECOND DIVISION.

Division of Contagious Diseases.

3d. Weekly reports of the Chief Inspector:

- Monthly reports of charitable institutions.
 - Report of inspection of discharged patients from Riverside Hospital.
- Ordered on file.

4th. Reports on applications for leave of absence.

On motion, it was

Resolved, That leave of absence be and is hereby granted as follows:

NAME.	FROM	TO	REMARKS.
A. Campbell White, M. D.	January 24	January 31	

The resignation of A. Campbell White, M. D., to take effect January 31, 1900, was received and accepted.

THIRD DIVISION.

Division of Food Inspection and Offensive Trades.

5th. Weekly report of the Chief Inspector. Ordered on file.

6th. Report of violations of section 63 of the Sanitary Code.

The Secretary was directed to notify the persons named in said report that a repetition of the offense will be sufficient cause for the revocation of their permits.

7th. Reports on applications for leave of absence.

On motion, it was

Resolved, That leave of absence be and is hereby granted as follows:

NAMES.	FROM	TO	REMARKS.
Lillie H. Watson.	January 24		
John Jones.	" 12		
James Clark.	" 18	January 20	

Report of seizure of a carcass of beef affected with tuberculosis at West Washington Market. The Secretary was directed to forward a copy of the report to the New Jersey State Board of Health.

Report of inspections of Barren Island. Ordered on file.

FOURTH DIVISION.

Division of Bacteriology.

8th. Weekly report of the Pathologist and Director of the Bacteriological Laboratories. Ordered on file.

Application of Olive La Grassa for an increase of salary. Ordered on file.

FIFTH DIVISION.

Division of Medical Inspection of Schools.

9th. Weekly report of the Chief Inspector. Ordered on file.

SIXTH DIVISION.

Division of Marine Inspection.

10th. Weekly report of the Chief Inspector. Ordered on file.

BOROUGH OF THE BRONX.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of The Bronx. Ordered on file.

BOROUGH OF BROOKLYN.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Brooklyn. Ordered on file.

BOROUGH OF QUEENS.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Queens. Ordered on file.

BOROUGH OF RICHMOND.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Richmond. Ordered on file.

BUREAU OF RECORDS.

The following Communications were Received from the Registrar of Records:

1st. Weekly report. Ordered on file.

2d. Reports on applications for leave of absence.

On motion, it was

Resolved, That leave of absence be and is hereby granted as follows:

NAME.	FROM	TO	REMARKS.
William H. Guilfoyle.	January 15	January 18	

3d. Reports on applications to record corrected certificates.

On motion, it was

Resolved, That permission be and is hereby given to record corrected certificates relating to—

NAMES.	RETURN.	DATE.
Ernest Hoffert.	Born	Nov. 9, 1877
Joseph Cozzi.	Died	Mar. 11, 1899
Thomas McGrath.	"	Apr. 4, "
Michael McEntee.	"	Sept. 17, "
Mary M. Haas.	"	Oct. 10, "
Jake Reiss.	"	" 27, "
Mary McCaffrey.	"	Nov. 14, "
Michael Loton.	"	Dec. 31, "
Jane Carney.	"	Jan. 4, "
Lydia E. Montgomery.	"	" 9, "
John Chalupa.	"	" 15, "
Frederick Schwarz.	"	" 15, "
Owen Molloy.	"	" 16, "
Daniel Davis.	"	" 17, "

4th. Reports on applications to file delayed and imperfect certificates.

On motion, it was

Resolved, That the Registrar of Records be and is hereby directed to file in the volume of "Delayed and Imperfect Certificates" the following certificates:

NAMES	RETURN.	DATE.
Carrie Streibich.	Born	Jan. 28, 1868
Ida Streibich.	"	" 1, 1880
Edwin A. Jimenis.	"	Oct. 30, 1893
Harry T. Dayton.	"	May 11, 1894
Elle J. Dayton.	"	" 10, 1896
Fernand Royer.	Married	Sept. 2, 1899

Miscellaneous Reports, Communications, etc.

The weekly statement of the Comptroller was received and ordered on file.

The hearing of the Manhattan Railway Company was adjourned to Wednesday, January 31, 1900, at 10 o'clock A. M.

Pursuant to notice in the CITY RECORD for proposals for the removal of night soil, dead animals and offal from the Borough of Richmond, the Board proceeded to the opening of bids for the same, as follows:

	Per Annum.
Thomas F. White.	\$6,500 00
E. J. McKeever.	6,775 00

On motion, said bids were laid on the table.

Pursuant to notice in the CITY RECORD, the "Daily Citizen," "Standard Union," "Brooklyn Daily Times," "Brooklyn Daily Eagle," and "Brooklyn Free Press" and "Brooklyn Zeitung" for proposals for the erection of a diphtheria pavilion on the grounds of the Kingston Avenue Hospital, the Board proceeded to the opening of bids for the same, as follows:

Thomas B. Rutan	\$20,443 00
Tolmie & Kerr	20,095 00
John H. Goetchius.	19,947 00
Hartman & Horgan	19,887 00
John Fury.	18,291 00

On motion, said bids were laid on the table.

On motion, it was

Resolved, That the following security deposits on bids for the erection of a diphtheria pavilion on the grounds of the Kingston Avenue Hospital, Borough of Brooklyn, be forwarded to the Comptroller:

Thomas B. Rutan (check)	\$500 00
Tolmie & Kerr (check)	500 00
John H. Goetchius (check)	500 00
Hartman & Horgan (check)	500 00
John Fury (lowest bidder, check)	500 00

An opinion from the Corporation Counsel in respect to expenses to be incurred over and above the appropriation for the year 1900. Ordered on file.

On motion, the following preamble and resolutions were adopted:

Whereas, at a meeting of the Board of Health of the Department of Health, held January 10, 1900, proposals for the removal of night soil, dead animals and offal from the boroughs of Manhattan and The Bronx were received from E. J. McKeever, for the sum of forty-two thousand five hundred dollars per annum, and from Thomas F. White, for the sum of forty-one thousand eight hundred and fifty dollars per annum; and

Whereas, the amount of money appropriated for the year 1900, for the removal of night soil, dead animals and offal from the boroughs of Manhattan and The Bronx is thirty thousand dollars; and

Whereas, the lowest bidder is eleven thousand eight hundred and fifty dollars in excess of the appropriation; therefore, be it

Resolved, That this Board, pursuant to the authority conferred by chapter 535 of the Laws of 1893, hereby certifies to the Board of Estimate and Apportionment that the additional sum of eleven thousand eight hundred and fifty dollars should be appropriated for the year 1900 for the removal of night soil, dead animals and offal from the boroughs of Manhattan and The Bronx, for the purpose of defraying the necessary expenses that are required to be incurred by the Board of Health for the preservation of the public health.

On motion, the Board adjourned.

C. GOLDBERMAN, Secretary pro tem.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 207 Stewart Building, on Tuesday, January 30, 1900, at 11 o'clock A. M.

Present—Commissioners Ryan (President), Ten Eyck, Power and Windolph.

The minutes of stated meeting of January 23, 1900, were read and approved.

Commissioner Ten Eyck, as Chairman of the Committee of Finance and Audit, reported the examination and audit of bills contained in Vouchers Nos. 13,286 to 13,294, inclusive, amounting to \$292.28.

Which were approved and ordered certified to the Comptroller for payment by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

Commissioner Ten Eyck, as Chairman of the Committee of Finance and Audit, submitted the following:

NEW YORK, January 23, 1900.

Mr. FRANK P. MASTERSON, Auditor:

DEAR SIR—I beg to inform you that, pursuant to your orders of recent date, I have made the corrected entries, so that at the present time the books of the Aqueduct Commissioners

agree with those of the Comptroller, with but one exception, as regards the Commissioners of Appraisal "Services" and "Awards". I find that in the Putnam County Section "Services" a credit entry of \$300, being rent collected in that county on property owned and controlled by the Aqueduct Commissioners, and through error of Bookkeeper, was entered in 1891 as a credit in this Commissioners of Appraisal when it should have been credited to Miscellaneous Receipts—Rent Account. I therefore request you to obtain for me the permission to change same, and thus make our books agree in every particular as regards Commissioners of Appraisal with the Comptroller's.

Respectfully,
JAMES H. O'BRIEN, Bookkeeper.

I approve the above and recommend that the request be granted.

FRANK P. MASTERSON, Auditor.

—and moved that the permission therein requested be granted.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Construction or Executive Committee referred to the Commissioners a circular letter, dated January 17, 1900, received from the Secretary of the Board of City Record, requesting that all applications to the Board of City Record for designation of newspapers in which to publish advertisements must be forwarded to the Supervisor of the City Record in ample season to permit the Board of City Record to take action on such requests, and that all advertisements intended for publication in the CITY RECORD must be received at the City Record office not later than 12 M. on the day prior to the date of such publication.

Which was ordered filed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Secretary presented duplicate forms of certificate of necessity providing for building and repairing certain fences along the right-of-way where the New York Central and Hudson River Railroad passes through lands taken for the New Croton Reservoir.

Which were ordered executed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Secretary also presented duplicate forms of certificate of necessity for furnishing certain castings required for the work at the New Croton Dam of the New Aqueduct.

Which were ordered executed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Secretary also presented duplicate forms of certificate of necessity providing for the preparing of plans, specifications and estimate of the cost of certain bridges in connection with the new highways at the New Croton Dam Storage Reservoir, and to reconstruct and change certain railroad bridges affected by the construction of said storage reservoir; also for the supervision of the construction and erection of said bridges.

Which were ordered executed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The President reported that, in accordance with the request of the Commissioners, at their previous meeting, he had addressed a communication to State Civil Service Commissioner Silas W. Burt, on January 29, 1900, concerning the classification of the position of Consulting Engineer and the transferring of the position of Assistant Secretary from the competitive to the exempt class. (See President's Letter Book, Vol. 2, p. 245.)

Which was approved by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE,
Nos. 13 to 21 PARK ROW,
NEW YORK, February 10, 1900.

In compliance with section 1546 of the Greater New York Charter, the Department of Water Supply makes the following report of its transactions for the week ending February 3, 1900:

PUBLIC MONEYS RECEIVED AND DEPOSITED.

Boroughs of Manhattan and Bronx.

Receipts for water rents.....	\$93,441 05
" penalties on water rents.....	230 10
" permits to tap water-mains.....	59 00
Totals.....	\$93,730 15

Borough of Brooklyn.

Receipts for water rents.....	\$8,139 45
" arrears of water rents.....	1,851 52
" permits to tap water-mains.....	92 00
" water for building purposes.....	16 95
" miscellaneous work.....	178 46
Totals.....	\$10,278 38

Borough of Queens.

Receipts for water rents.....	\$3,170 42
" penalties on water rents.....	1 39
" permits to tap water-mains.....	5 00
Totals.....	\$3,176 81

CHANGES IN THE WORKING FORCE.

Borough of Brooklyn.

Appointments—W. C. Kibbe, No. 464 Macon street, \$900 per annum; William J. Cloughen, No. 1061 Forest avenue (Manhattan), \$900 per annum; Peter Donnelly, No. 131 Fifth avenue, \$900 per annum.

Borough of Queens.

Appointment—Lawrence Gresser, Glendale, Long Island, Deputy Commissioner, \$3,500 per annum.

Borough of Richmond.

Removals—Five (5) Laborers and one (1) Horse and Cart.

WILLIAM DALTON, Commissioner of Water Supply.

APPROVED PAPERS

No. 85.

Resolved, That permission be and the same is hereby given to Abraham Siegendorf to place and keep a stand for the sale of newspapers and periodicals under the stairs of the elevated railroad at the northeast corner of Rivington and Allen streets, in the Borough of Manhattan, provided the said stand shall be erected in conformity with the provisions of chapter 718 of the Laws of 1896, and subject to the conditions of an ordinance to regulate the placing of stands under the stairs of the elevated railroads, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, January 23, 1900.

Adopted by the Council, January 30, 1900.

Received from his Honor the Mayor, February 13, 1900, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

DEPARTMENT OF DOCKS AND FERRIES.

THE CITY OF NEW YORK,
DEPARTMENT OF DOCKS AND FERRIES,
PIER "A," N. R., BATTERY PLACE,
NEW YORK, February 20, 1900.

Supervisor of the City Record:

SIR—I beg to advise that, at a meeting of the

Board of Docks held February 16, 1900, Joseph Barnett was appointed Stoker, with compensation at the rate of 43 cents per hour while employed; and Arthur Parks was appointed Toolman, with compensation at the rate of 25 cents per hour while employed.

Yours respectfully,

WM. H. BURKE,
Secretary.

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION,
CITY OF NEW YORK,
SCHOOL BOARD, BOROUGHS OF
MANHATTAN AND THE BRONX,
PARK AVENUE AND FIFTY-NINTH STREET,
NEW YORK, February 14, 1900.

Supervisor of the City Record:

DEAR SIR—At a meeting of this Board, held this day, Mr. William J. Ellis was appointed Secretary of the Board for a period of one year, at a salary of \$4,500 per annum.

Very respectfully,

THOMAS E. BUSSEY,
Acting Secretary.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE—BUREAU OF LICENSES,
NEW YORK, February 19, 1900.
Number of licenses issued and amounts received
therefor in the week ending Saturday, February 17, 1900

BOROUGHS OF MANHATTAN AND THE BRONX.		
DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Feb. 12, 1900	Holi day.	
Tuesday, " 13, "	28	\$102 30
Wednesday, " 14, "	32	65 75
Thursday, " 15, "	26	1,098 00
Friday, " 16, "	33	579 50
Saturday, " 17, "	16	30 50
Totals.....	135	\$1,876 25

BOROUGH OF BROOKLYN.		
DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Feb. 12, 1900	Holi day.	
Tuesday, " 13, "	4	\$20 00
Wednesday, " 14, "	8	30 00
Thursday, " 15, "	3	12 00
Friday, " 16, "	8	30 00
Saturday, " 17, "	1	20 00
Totals.....	24	\$112 00

BOROUGH OF QUEENS.		
DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Feb. 12, 1900	Holi day.	
Tuesday, " 13, "	..	.....
Wednesday, " 14, "	3	\$9 00
Thursday, " 15, "	2	7 50
Friday, " 16, "	4	15 00
Saturday, " 17, "	..	.....
Totals.....	9	\$31 50

BOROUGH OF RICHMOND.		
DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Feb. 12, 1900	Holi day.	
Tuesday, " 13, "	1	\$8 00
Wednesday, " 14, "	..	.....
Thursday, " 15, "	..	.....
Friday, " 16, "	..	.....
Saturday, " 17, "	..	.....
Totals.....	1	\$8 00

DAVID J. ROCHE,
Chief of Bureau of Licenses.

DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS,
CITY OF NEW YORK,
BOROUGHS OF BROOKLYN AND QUEENS,
ROOM NO. 14, CITY HALL,
BOROUGH OF BROOKLYN,
February 17, 1900.

Supervisor of the City Record:

SIR—I hereby notify you that I have taken the following action in connection with employees of this Department:

Reinstated.

1900.
February 15. James McCormick, Gardener, at \$2 per day; laid off December 15, 1899.
" 10. Patrick McAvoy, Laborer O., at \$2 per day; laid off December 20, 1899.
" 10. William Kelly, Sounder, at \$2 per day; laid off December 20, 1899.
" 16. Isaac Nathan, Gardener, at \$2 per day; laid off December 23, 1899.

Yours very truly,

GEO. V. BROWER,
Commissioner.

THE CITY OF NEW YORK,
DEPARTMENT OF PARKS,
BOROUGHS OF MANHATTAN AND RICHMOND,
THE ARSENAL, CENTRAL PARK,
February 16, 1900.

Supervisor of the City Record:

SIR—I beg to report the following action, taken in connection with employees of this

Department, boroughs of Manhattan and Richmond:

Appointed.

Peter MacDonald, No. 153 West Ninety-seventh street, Foreman Gardeners, at a salary of \$75 per month.

Respectfully,

WILLIS HOLLY,
Secretary, Park Board.

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 of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 6 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
ROBERT A. VAN WYCK, Mayor
ALFRED M. DOWNES, Private Secretary.

Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
DAVID J. ROCHE, Chief of Bureau.
Principal Office, Room 1, City Hall. GEORGE W. BROWN, Jr., Deputy Chief in Boroughs of Manhattan and The Bronx.
Branch Office, Room 12, Borough Hall, Brooklyn; WILLIAM H. JORDAN, Deputy Chief in Borough of Brooklyn.
Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM H. MCCABE, Deputy Chief in Borough of Richmond.
Branch Office, "Hackett Building," Long Island City; PETER FLANAGAN, Deputy Chief in Borough of Queens.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery and Blank Books.

No. 2 City Hall, 9 A. M. to 4 P. M., Saturday, 9 A. M. to 12 M.
WILLIAM A. BUTLER, Supervisor; SOLON BERRICK, Deputy Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant.

BOARD OF ESTIMATE AND APPORTIONMENT

The Mayor, Chairman; THOMAS L. FEITNER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER, PRESIDENT OF THE COUNCIL, and the CORPORATION COUNSEL, Members; CHARLES V. ADRI, Clerk.
Office of Clerk, Department of Taxes and Assessments, Room R, Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.

COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; BIRD S. COLER, Comptroller; PATRICK KERNAN, Chamberlain; RANDOLPH GUGGENHEIMER, President of the Council, and ROBERT MUH, Chairman, Finance Committee, Board of Aldermen, Members. EDGAR J. LEVEY, Secretary.
Office of Secretary, Room No. 11, Stewart Building.

BOARD OF ARMY COMMISSIONERS.

The Mayor, ROBERT A. VAN WYCK, Chairman; THE PRESIDENT OF THE DEPARTMENT OF TAXES AND ASSESSMENTS, THOMAS L. FEITNER, Secretary; THE COMMISSIONER OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, HENRY S. KEARNY; Brigadier-General JAMES MCLEER and Brigadier-General McCoskey BUTT, Commissioners.
Address: THOMAS L. FEITNER, Secretary, Stewart Building.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

MUNICIPAL ASSEMBLY.

THE COUNCIL.

RANDOLPH GUGGENHEIMER, President of the Council.
P. J. SCULLY, City Clerk.
Clerk's office open from 10 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

BOARD OF ALDERMEN.

THOMAS F. WOODS, President.
MICHAEL F. BLAKE, Clerk.

BOROUGH PRESIDENTS.

Borough of Manhattan.
Office of the President of the Borough of Manhattan, Nos. 10, 11 and 12 City Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
JAMES J. COOGAN, President.
IRA EDGAR RIDER, Secretary.

Borough of The Bronx.

Office of the President of the Borough of The Bronx, 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. HAFEN, President.

Borough of Brooklyn.

President's Office, No. 1 Borough Hall. 11 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
EDWARD M. GROUT, President.

Borough of Queens.

FREDERICK BOWLEY, President.
Office, Long Island City, 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. until 12 M.

Borough of Richmond.

GEORGE CROMWELL, President.
Office of the President, First National Bank Building, New Brighton; 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 A. M. to 4 P. M.
JOHN C. HERTLE and EDWARD OWEN, Commissioners.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.
WILLIAM M. HORS, Public Administrator.

PUBLIC ADMINISTRATOR, KINGS COUNTY.

No. 189 Montague street, Brooklyn, 9 A. M. to 5 P. M., except Saturdays in June, July and August, 9 A. M. to 1 P. M.
WM. B. DAVENPORT, Public Administrator.

AQUEDUCT COMMISSIONERS.

Room 207 Stewart Building, 5th floor, 9 A. M. to 4 P. M.
JOHN J. RYAN, MAURICE J. POWER, WILLIAM H. TEN EYCK, JOHN P. WINDOLPH and THE MAYOR and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary; WILLIAM R. HILL, Chief Engineer.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
BIRD S. COLER, Comptroller.
MICHAEL T. DALY, EDGAR J. LEVEY, Deputy Comptrollers.

Auditing Bureau.

JOHN F. GOULDSBURY, First Auditor of Accounts, Borough of Manhattan.
EDWARD J. CONNELL, Auditor of Accounts, Borough of The Bronx.
WILLIAM McKINNY, First Auditor of Accounts, Borough of Brooklyn.
FRANCIS R. CLAIR, Auditor of Accounts, Borough of Queens.
WALTER H. HOLT, Auditor of Accounts, Borough of Richmond.

Bureau for the Collection of Assessments and Arrears.

EDWARD GILON, Collector of Assessments and Arrears.
JOHN KELLEHER, Deputy Collector of Assessments and Arrears, Borough of Manhattan.
JAMES E. STANFORD, Deputy Collector of Assessments and Arrears, Borough of The Bronx.
MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.
JOHN F. ROGERS, Deputy Collector of Assessments and Arrears, Borough of Queens.
GEORGE BRAND, Deputy Collector of Assessments and Arrears, Borough of Richmond.

Bureau for the Collection of Taxes.

DAVID E. AUSTIN, Receiver of Taxes.
JOHN J. McDONOUGH, Deputy Receiver of Taxes, Borough of Manhattan.
JOHN B. UNDERHILL, Deputy Receiver of Taxes, Borough of The Bronx.
JAMES B. BOUCE, Deputy Receiver of Taxes, Borough of Brooklyn.
FREDERICK W. BLECKWENN, Deputy Receiver of Taxes, Borough of Queens.
MATTHEW S. TULLY, Deputy Receiver of Taxes, Borough of Richmond.

Bureau for the Collection of City Revenue and of Markets.

DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets.
ALEXANDER MEKIM, Clerk of Markets.

Bureau of the City Chamberlain.

PATRICK KERNAN, City Chamberlain.
JOHN H. CAMPBELL, Deputy Chamberlain.

Office of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street.
JOHN H. TIMMERMAN, City Paymaster.

BOARD OF PUBLIC IMPROVEMENTS.

Nos. 13 to 21 Park Row, 18th floor, 9 A. M. to 4 P. M. Saturdays, 9 A. M. to 12 M.
MAURICE F. HOLAHAN, President.
JOHN H. MOONEY, Secretary.

Department of Highways.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES P. KEATING, Commissioner of Highways.
WILLIAM N. SHANNON, Deputy for Manhattan.
THOMAS R. FARRELL, Deputy for Brooklyn.
JAMES H. MALONEY, Deputy for Bronx.
JOHN P. MADDEN, Deputy for Queens.
HENRY P. MORRISON, Deputy and Chief Engineer for Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

Department of Sewers.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES KANE, Commissioner of Sewers.
MATTHEW F. DONOHUE, Deputy for Manhattan.
THOMAS J. BYRNES, Deputy for Bronx. Office, Third avenue and One Hundred and Seventy-seventh street.
WILLIAM BRENNAN, Deputy for Brooklyn. Office, Municipal Building, Room 42.
MATTHEW J. GOLDNER, Deputy Commissioner of Sewers, Borough of Queens. Office, Hackett Building, Long Island City.
HENRY P. MORRISON, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

Department of Bridges.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
JOHN L. SHEA, Commissioner.
THOMAS H. YORK, Deputy.
SAMUEL R. PROBASCO, Chief Engineer.
MATTHEW H. MOORE, Deputy for Bronx.
HARRY BRAM, Deputy for Brooklyn.
JOHN E. BACKUS, Deputy for Queens.

Department of Water Supply.

Nos. 13 to 21 Park Row. Office hours, 9 A. M. to 4 P. M.
WILLIAM DALTON, Commissioner of Water Supply.
JAMES H. HASLIN, Deputy Commissioner, Borough of Manhattan.
GEORGE W. BIRDSALL, Chief Engineer.
W. G. BYRNE, Water Registrar.
JAMES MOFFETT, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.
LAWRENCE GRESSER, Deputy Commissioner, Borough of Queens, Long Island City.
THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Crotona Park Building.
HENRY P. MORRISON, Deputy Commissioner, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

Department of Street Cleaning.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
PERCIVAL E. NAGLE, Commissioner.
F. M. GIBSON, Deputy Commissioner for Borough of Manhattan.
PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 37 Municipal Building.
JOSEPH LIBERTZ, Deputy Commissioner for Borough of The Bronx, No. 615 East One Hundred and Fifty-second street.
JOHN P. MADDEN, Deputy Commissioner for Borough of Queens, Municipal Building, Long Island City.

Department of Buildings, Lighting and Supplies.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
HENRY S. KRAVY, Commissioner of Public Buildings, Lighting and Supplies.
PETER J. DOOLING, Deputy Commissioner for Manhattan.
GEO. E. BEST, Deputy Commissioner for The Bronx.
JAMES J. KIRWIN, Deputy Commissioner for Brooklyn.
JOEL FOWLER, Deputy Commissioner for Queens.
EDWARD L. MILLER, Deputy Commissioner for Richmond.

LAW DEPARTMENT.**Office of Corporation Counsel.**

Staats-Zeitung Building, 3d and 4th floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.
JOHN WHALEN, Corporation Counsel.
THEODORE CONNOLLY, W. W. LAUD, JR., CHARLES BLANDY, Assistants.
WILLIAM J. CARR, Assistant Corporation Counsel for Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.
JAMES C. SPENCER, Assistant Corporation Counsel.

Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street.
ADRIAN T. KIERNAN, Assistant Corporation Counsel.

Bureau of Street Openings.

Nos. 90 and 92 West Broadway.
JOHN P. DUNN, Assistant to Corporation Counsel.

POLICE DEPARTMENT.**Central Office.**

No. 300 Mulberry street, 9 A. M. to 4 P. M.
BERNARD J. YORK, President of the Board; JOHN B. SEXTON, JACOB HESS, HENRY E. ABELL, Commissioners.

DEPARTMENT OF PUBLIC CHARITIES.**Central Office.**

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.
JOHN W. KELLER, President of the Board; Commissioners for Manhattan and Bronx.
THOMAS S. BRENNAN, Deputy Commissioner.
ADOLPH SIMIS, JR., Commissioner for Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn.
EDWARD GLINVEN, Deputy Commissioner.
JAMES FERNY, Commissioner for Richmond.
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.
Out-door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M.
Department for Care of Destitute Children, No. 66 Third avenue, 8.30 A. M. to 4.30 P. M.

DEPARTMENT OF CORRECTION.**Central Office.**

No. 148 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays to 12 M.
FRANCIS J. LANTY, Commissioner.
N. O. FANNING, Deputy Commissioner.
JOHN MORRISSEY GRAY, Deputy Commissioner for Boroughs of Brooklyn and Queens.

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.
JOHN J. SCANNELL, Fire Commissioner.
JAMES H. TULLY, Deputy Commissioner, Borough of Brooklyn and Queens.
AUGUSTUS T. DOCHARTY, Secretary.
EDWARD F. CROKER, Chief of Department, and in Charge of Fire-alarm Telegraph.
JAMES DALE, Deputy Chief, in Charge of Borough of Brooklyn and Queens.
GEORGE E. MURPHY, Inspector of Combustibles.
PETER SERRY, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.
ALONZO BRYMER, Fire Marshal, Boroughs of Brooklyn and Queens.
Central Office open at all hours.
Committee to examine persons who handle explosives meets Thursday of each week, at 2 o'clock P. M.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.
J. SERGEANT CRAM, President; CHARLES F. MURPHY Treasurer; PETER F. MEYER, Commissioners.
WILLIAM H. BURKE, Secretary.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, 9 A. M. to 4 P. M.
Burial Permit and Contagious Disease Offices always open.
MICHAEL C. MURPHY, President, and WILLIAM T. JENKINS, M. D., JOHN B. COSBY, M. D., THE PRESIDENT OF THE POLICE BOARD, ex-officio, and the HEALTH OFFICER OF THE PORT, ex-officio, Commissioners.
CASPAR GOLDBERMAN, Secretary pro tem.
CHARLES F. ROBERTS, M. D., Sanitary Superintendent.
FREDERICK H. DILLINGHAM, M. D., Assistant Sanitary Superintendent, Borough of Manhattan.
EUGENE MONAHAN, M. D., Assistant Sanitary Superintendent, Borough of The Bronx.
ROBERT A. BLACK, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn.
OED L. LUK, M. D., Assistant Sanitary Superintendent, Borough of Queens.
JOHN L. FEENEY, M. D., Assistant Sanitary Superintendent, Borough of Richmond.

DEPARTMENT OF PARKS.

GEORGE C. CLAUSEN, President, Park Board, Commissioner in Brooklyn and Richmond.
WILLIS HOLLY, Secretary, Park Board.
Offices, Arsenal, Central Park.
GEORGE V. BROWER, Commissioner in Brooklyn and Queens.
Offices, City Hall, Brooklyn, and Litchfield Mansion, Prospect Park.
AUGUST MOEBUS, Commissioner in Borough of The Bronx.
Offices, Zbrowski Mansion, Claremont Park.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.
Art Commissioners.
SAMUEL P. AVERY, DANIEL C. FRENCH, Commissioners.

DEPARTMENT OF BUILDINGS.

Main Office, No. 220 Fourth avenue, Borough of Manhattan. Office hours, 9 A. M. to 4 P. M.; Saturday, 9 A. M. to 12 M.
THOMAS J. BRADY, President of the Board of Buildings and Commissioner for the Boroughs of Manhattan and The Bronx.
JOHN GUILFOYLE, Commissioner for the Borough of Brooklyn.
DANIEL CAMPBELL, Commissioner for the Boroughs of Queens and Richmond.
A. J. JOHNSON, Secretary.
Office of the Department for the Boroughs of Manhattan and The Bronx, No. 220 Fourth avenue, Borough of Manhattan.
Office of the Department for the Borough of Brooklyn, Borough Hall, Borough of Brooklyn.
Office of the Department for the Boroughs of Queens and Richmond, Richmond Hall, New Brighton, Staten Island, Borough of Richmond. Branch office: Room 1, second floor, Town Hall, Jamaica, Long Island, Borough of Queens.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.
THOMAS L. FREITNER, President of the Board; EDWARD C. SHEEHY, ARTHUR C. SALMON, THOMAS J. PATTERSON, FERDINAND LEVY, Commissioners; HENRY BERLINGER, Chief Clerk.

BUREAU OF MUNICIPAL STATISTICS.

Nos. 13 to 21 Park Row, Room 1911. Office hours from 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 M.
JOHN T. NAGLE, M. D., Chief of Bureau.
Municipal Statistical Commission: FREDERICK W. GRUBB, L. L. D., ANTONIO RASINES, RICHARD T. WILSON, JR., ERNEST HARVIER, J. EDWARD JETTER, THOMAS GILLERAN.

MUNICIPAL CIVIL SERVICE COMMISSION.
Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.
CHARLES H. KNOX, President, ALEXANDER T. MASON and WILLIAM N. DYKMAN, Commissioners; LER PHILLIPS, Secretary.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A. M. to 4 P. M.
EDWARD McCUR (President), EDWARD CAHILL, THOMAS A. WILSON, PATRICK M. HAVERTY and JOHN B. MYRENSBORO, Board of Assessors. WILLIAM H. JASPER, Secretary.

DEPARTMENT OF EDUCATION.**BOARD OF EDUCATION.**

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.
JOSEPH J. LITTLE, President; A. EMERSON PALMER, Secretary.

School Board for the Boroughs of Manhattan and The Bronx.

Park avenue and Fifty-ninth street, Borough of Manhattan.
JOSEPH J. LITTLE, President; WILLIAM J. ELLIS, Secretary.

School Board for the Borough of Brooklyn.

No. 131 Livingston street, Brooklyn.
CHARLES E. ROBERTSON, President; GEORGE C. BROWN, Secretary.

School Board for the Borough of Queens.

Flushing, Long Island.
PATRICK J. WHITE, President; JOSEPH P. FITZPATRICK, Secretary.

School Board for the Borough of Richmond.

Savings Bank Building, Stapleton, Staten Island.
WILLIAM J. COLE, President; FRANKLIN C. VITT, Secretary.

SHERIFF'S OFFICE.

Stewart Building, 9 A. M. to 4 P. M.
WILLIAM F. GRELL, Sheriff; HENRY P. MULVANY, Under Sheriff.

SHERIFF'S OFFICE, KINGS COUNTY.

County Court-house Brooklyn.
WILLIAM WALTON, Sheriff; JAMES DUNNE, Under Sheriff.
9 A. M. to 4 P. M.; Saturdays, 12 M.

SHERIFF'S OFFICE, QUEENS COUNTY.

County Court-house, Long Island City, 9 A. M. to 4 P. M.
WILLIAM CAS BAKER, Sheriff; WILLIAM METHVEN, Under Sheriff.

SHERIFF'S OFFICE, RICHMOND COUNTY.

County Court-house, Richmond, S. I., 9 A. M. to 4 P. M.
AUGUSTUS ACKER, Sheriff.

REGISTER'S OFFICE.

East side City Hall Park. 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.
ISAAC FROMME, Register; JOHN VON GLAHN, Deputy Register.

REGISTER, KINGS COUNTY.

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.
JAMES R. HOWE, Register.
WARREN C. TREDWELL, Deputy Register.

COMMISSIONER OF JURORS.

Room 127 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES WALDO, Commissioner; JAMES E. CONNER, Deputy Commissioner.

SPECIAL COMMISSIONER OF JURORS.

No. 111 Fifth avenue, 9 A. M. to 4 P. M.
H. W. GRAY, Commissioner.
FREDERICK P. SIMPSON, Assistant Commissioner.

COMMISSIONER OF JURORS, KINGS COUNTY.
5 Court-house.
WILLIAM A. FUREY, Commissioner.

SPECIAL COMMISSIONER OF JURORS, KINGS COUNTY.
No. 375 Fulton street.
EDWARD J. DOOLEY, Commissioner.

COMMISSIONER OF JURORS, QUEENS COUNTY.
Office hours, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
EDWARD J. KNAURR, Commissioner.
H. HOMER MOORE, Assistant Commissioner.

COMMISSIONER OF JURORS, RICHMOND COUNTY.
CHARLES J. KULLMAN, Commissioner.
J. HOWARD VAN NAME, Deputy Commissioner.
Office open from 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. to 12 M.

NEW YORK COUNTY JAIL.

No. 70 Ludlow street, 6 A. M. to 10 P. M., daily.
WILLIAM F. GRELL, Sheriff.
PATRICK H. PICKETT, Warden.

COUNTY CLERK'S OFFICE.

Nos. 8, 9, 10 and 11 New County Court-house, 9 A. M. to 4 P. M.
WILLIAM SOMMER, County Clerk.
GEORGE H. FAHRBACH, Deputy.

KINGS COUNTY CLERK'S OFFICE.

Hall of Records, Brooklyn, 9 A. M. to 4 P. M.
PETER P. HUBERTY, County Clerk.

QUEENS COUNTY CLERK'S OFFICE.

Jamaica, N. Y., Fourth Ward, Borough of Queens.
Office hours, 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, to 12 M.
County and Supreme Court held at the Queens County Court-house, Long Island City. Court opens 10.30 A. M. to adjourn 5 P. M.
JOHN H. SUTHERN, County Clerk.
CHARLES DOWNING, Deputy County Clerk.

RICHMOND COUNTY CLERK'S OFFICE.

County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.
EDWARD M. MULLER, County Clerk.
CROWELL M. CONNER, Deputy County Clerk.

NEW EAST RIVER BRIDGE COMMISSION.

Commissioners' Office, No. 258 Broadway, Borough of Manhattan, New York, 9 A. M. to 4 P. M.
LEWIS NIXON, President; JAMES W. BOYLE, Vice-President; JAMES D. BELL, Secretary; JULIAN D. FAIRCHILD, Treasurer; JOHN W. WEBER, SMITH E. LANE and THE MAYOR, Commissioners.
Chief Engineer's Office, No. 84 Broadway, Brooklyn, E. D., 9 A. M. to 5 P. M.

DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.
ASA BIRD GARDINER, District Attorney; WILLIAM J. McKENNA, Chief Law Clerk.

KINGS COUNTY DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn. Hours, 9 A. M. to 5 P. M.
JOHN P. CLARKE, District Attorney.

QUEENS COUNTY DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 A. M. to 4 P. M.
JOHN B. MERILL, District Attorney.
CLARENCE A. DREW, Chief Clerk.

RICHMOND COUNTY DISTRICT ATTORNEY.
Port Richmond, S. I.
EDWARD S. RAWSON, District Attorney.

CORONERS.**Borough of Manhattan.**

Office, New Criminal Court Building. Open at all times of day and night.
EDWARD T. FITZPATRICK, JACOB E. BAUSCH, EDWARD W. HART, ANTONIO ZUCCA.

Borough of The Bronx.

No. 761 East One Hundred and Sixty-sixth street. Open from 8 A. M. to 12, midnight.
ANTHONY MCOWEN, THOMAS M. LYNCH.

Borough of Brooklyn.

Office, Room 17, Borough Hall. Open all times of day and night, except between the hours of 12 M. and 5 P. M., on Sundays and holidays.
ANTHONY J. BURGER, GEORGE W. DELAF.

Borough of Queens.

Office, Borough Hall, Fulton street, Jamaica, L. I.
PHILIP T. CRONIN, LEONARD RUOFF, JR., and SAMUEL S. GUY, JR.
CHARLES J. SCHNELLER, Clerk.

Borough of Richmond.

No. 64 New York avenue, Rosebank.
Open for the transaction of business all hours of the day and night.
JOHN DRAVER, GEORGE C. TRANTER.

SURROGATES' COURT.

New County Court-house. Court open from 9 A. M. to 4 P. M., except Saturdays, when it closes at 12 M.
FRANK T. FITZGERALD, ABNER C. THOMAS, Surrogates; WILLIAM V. LEARY, Chief Clerk.

CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Room 58, Schermerhorn Building, No. 96 Broadway. Meetings, Mondays, Wednesdays and Fridays, at 3 P. M.
WILLIAM E. STILLINGS, Chairman; CHARLES A. JACKSON, OSCAR S. BAILEY, Commissioners.
LAMONT MCGLOUGHLIN, Clerk.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. until 4 P. M.
City Magistrates—HENRY A. SPANN, ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES A. FLAMMER, LORENZ ZELIER, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD HOGAN, W. H. OLMESTEAD.
PHILIP BLOCH, Secretary.
First District—Criminal Court Building.
Second District—Jefferson Market.
Third District—No. 69 Essex street.
Fourth District—Fifty-seventh street, near Lexington avenue.
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.
Sixth District—One Hundred and Fifty-eighth street and Third avenue.
Seventh District—Fifty-fourth street, west of Eighth avenue.

SECOND DIVISION.**Borough of Brooklyn.**

First District—No. 318 Adams street. JACOB BRENNER, Magistrate.
Second District—Court and Butler streets. HENRY BRISTOW, Magistrate.
Third District—Myrtle and Vanderbilt avenues. CHARLES E. TEALE, Magistrate.
Fourth District—Nos. 6 and 8 Lee avenue. WILLIAM KEANE, Magistrate.
Fifth District—Ewen and Powers streets. ANDREW LEMON, Magistrate.
Sixth District—Gates and Reid avenues. LEWIS P. WORTH, Magistrate.
Seventh District—No. 31 Grant street, Flatbush. ALFRED E. STEERS, Magistrate.
Eighth District—Coney Island—ALBERT VAN BRUNT VOORHEES, Jr., Magistrate.

Borough of Queens.

First District—Nos. 21 and 23 Jackson avenue, Long Island City. MATTHEW J. SMITH, Magistrate.
Second District—Flushing, Long Island. LUKAS J. CONNORTON, Magistrate.
Third District—Far Rockaway, Long Island. EDMUND J. HEALY, Magistrate.

Borough of Richmond.

First District—New Brighton, Staten Island. JOHN CROAK, Magistrate.
Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.
Secretary to the Board, JARED J. CHAMBERS, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

KINGS COUNTY SURROGATE'S COURT.

Hall of Records, Brooklyn.
GEORGE B. ABBOTT, Surrogate.
MICHAEL F. MCGOLDRICK, Chief Clerk.
Court opens 10 A. M. Office hours, 9 A. M. to 4 P. M.

COUNTY JUDGE AND SURROGATE.

County Office Building, Richmond, S. I.
STEPHEN D. STEVENS, County Judge.

KINGS COUNTY TREASURER.

Court-house, Room 14.
JOHN W. KIRBALL, Treasurer; THOMAS F. FARRELL, Deputy Treasurer.

THE COMMISSIONERS OF RECORDS, KINGS COUNTY.

Room 1, Hall of Records. Office hours, 9 A. M. to 4 P. M.
GEORGE E. WALDO, Commissioner.
FRANK M. THORNBURN, Deputy Commissioner.
THOMAS D. MOSSCROP, Superintendent.
JOSEPH H. GRENELLE, Secretary.

EXAMINING BOARD OF PLUMBERS.

Rooms 14, 15 and 16 Nos. 149 to 151 Church street.
President, JOHN RENNEHAN; Secretary, JAMES E. MCGOVERN; Treasurer, EDWARD HALEY; HORACE LOOMIS, P. J. ANDREWS, ex-officio.
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.

SUPREME COURT.

County Court-house, 10.30 A. M. to 4 P. M.
Special Term, Part I., Room No. 16.
Clerk's Office, Part I., Room No. 15.
Special Term, Part II., Room No. 13.
Clerk's Office, Part II., Room No. 12.
Special Term, Part III., Room No. 18.
Clerk's Office, Part III., Room No. 15.
Special Term, Part IV., Room No. 20.
Special Term, Part V., Room No. 33.
Special Term, Part VI., Room No. 31.
Special Term, Part VII., Room No. 39.
Trial Term, Part I., Room No. 31.
Clerk's Office, Room No. 23.
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. 25.
Trial Term, Part VII., Room No. 36.
Trial Term, Part VIII., Room No. 27.
Trial Term, Part IX., Room No. 29.
Trial Term, Part X., Room No. 28.
Trial Term, Part XI., Room No. 37.
Trial Term, Part XII., Room No. 26.
Appellate Term, Room No. 29.
Clerk's Office, Appellate Term, Room No. 30.
Naturalization Bureau, Room No. 38.
Assignment Bureau, Room No. 32.

Justices—ABRAHAM R. LAWRENCE, CHARLES H. TRUAX, CHARLES F. MACLEAN, FREDERICK SMYTH, JAMES FITZGERALD, MILLS BEACH, DAVID LEVENTRITT, LEONARD A. GRIGGIERICH, HENRY BISCHOFF, JR., JOHN J. FREEDMAN, GEORGE P. ANDREWS, P. HENRY DUGRO, DAVID MCADAM, HENRY R. BECKMAN, HENRY A. GILDERSLEVIE, FRANCIS M. SCOTT, JAMES A. O'GORMAN, WILLIAM SOMMER, Clerk.

APPELLATE DIVISION, SUPREME COURT.

Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 1 P. M.
CHARLES H. VAN BRUNT, Presiding Justice; GEORGE C. BARRETT, CHESTER B. McLAUGHLIN, EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAHAM, WILLIAM RUSSEY, JUSTICES. ALFRED WAGSTAFF, Clerk. WILLIAM LAMB, JR., Deputy Clerk.

CRIMINAL DIVISION, SUPREME COURT.

New Criminal Court Building, Centre street. Court opens at 10:30 o'clock A. M.
EDWARD R. CARROLL, Clerk. Hours from 10 A. M. to 4 P. M.

COUNTY COURT, KINGS COUNTY.

County Court-house, Brooklyn, Rooms 10, 22, 23 and 27. Court opens 10 A. M. daily, and sits until business is completed, Part I, Room No. 23, Part II, Room No. 10. Court-house. Clerk's Office, Rooms 22 and 27, open daily from 9 A. M. to 4 P. M.; Saturdays, 12 M.
JOSEPH ASPINALL and WM. B. HURD, JR., County Judges.
CHARLES V. VAN DOREN, Chief Clerk.

QUEENS COUNTY COURT.

County Court-house, Long Island City. County Court opens at 9:30 A. M.; adjourns at 5 P. M. County Judge's office always open at Flushing, N. Y.
HARRISON S. MOORE, County Judge.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brown-stone Building, City Hall Park, from 10 A. M. to 4 P. M.
General Term.
Part I.
Part II.
Part III.
Part IV.
Special Term Chambers will be held 10 A. M. to 4 P. M.
Clerk's Office, from 9 A. M. to 4 P. M.
JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, JOHN P. SCHUCHMAN, EDWARD F. O'DWYER and THRODORP F. HASCALL, JUSTICES. THOMAS F. SMITH, Clerk.

COURT OF GENERAL SESSIONS.

Held in the building for Criminal Courts, Centre Elm, White and Franklin streets. Court opens at half-past 10 o'clock.
KURUS H. CROWING, City Judge; JOHN W. GORR, Recorder; JOSEPH E. NEWBURGER, MARTIN T. McMAHON and WARREN W. FOSTER, Judges of the Court of General Sessions. EDWARD R. CARROLL, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.

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—ELIZUR B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACOB, JOHN B. McKEAN, WILLIAM C. HOLBROOK, WILLIAM M. FOLLER, Clerk; JAMES H. JONES, Deputy Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.
Justices—JOHN COURTNEY, HOWARD J. FORKER, FREDERICK KADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; CHARLES F. WOLZ, Deputy Clerk.
Clerk's office, Borough Hall, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

MUNICIPAL COURTS.

Borough of Manhattan.
First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands, New Court-house, No. 128 Prince street, corner of Wooster street.
DANIEL E. FINN, Justice. FRANK L. BACON, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.
HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Court opens daily at 10 A. M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.
Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.
Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.
GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk.
Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 134 Clinton street.
BENJAMIN HOFFMAN, Justice. THOMAS FITZPATRICK, Clerk.
Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily, and continues open to close of business.
DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.
Seventh District—Nineteenth Ward. Court-room, No. 151 East Seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
HERMAN JOSEPH, Justice. PATRICK McDAVID, Clerk.
Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 10 A. M. and continues open to close of business.
Clerk's office open from 9 A. M. to 4 P. M. each Court day.
Trial days and Return days, each Court day.
JOSEPH H. STINEB, Justice. THOMAS COSTIGAN, Clerk.
Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.
Clerk's office open daily from 9 A. M. to 4 P. M.
Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth

street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

THOMAS E. MURRAY, Justice. HUGH GRANT, Clerk.
Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted) from 10 A. M. to 4 P. M.
FRANCIS J. WORCESTER, Justice. ADOLPH N. DUMAHAUT, Clerk.
Borough of the Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
WILLIAM W. PENFIELD, Justice. JOHN N. STEWART, Clerk.
Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.
JOHN M. TIERNY, Justice. HOWARD SPEAR, Clerk.

Borough of Brooklyn.
First District—Comprising First, Second, Third, fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.
JOHN J. WALSH, Justice. EDWARD MORAN, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 794 Broadway, Brooklyn.
GERARD B. VAN WART, Justice. WILLIAM H. ALLEN, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.
WILLIAM J. LYNCH, Justice. JOHN W. CARPENTER, Clerk.
Clerk's office open from 9 A. M. until 4 P. M. Court opens at 10 o'clock.
Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.
THOMAS H. WILLIAMS, Justice. HERMAN GOHLINGHORST, Clerk; JAMES P. SINNOTT, Assistant Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath avenue and Bay Twenty-second street, Bath Beach.
CORNELIUS FURGESON, Justice. JEREMIAH J. O'LEARY, Clerk.
Clerk's office open from 9 A. M. to 4 P. M.

Borough of Queens.
First District—First Ward (all of Long Island City, formerly comprising five Wards). Court-room Queens County Court-house (located temporarily).
THOMAS C. KADEN, Justice. THOMAS F. KENNEDY, Clerk.
Clerk's office open from 9 A. M. to 4 P. M. each week day. Court held each day, except Saturday.
Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house of late Town of Newtown, corner of Broadway and Court street Elmhurst, New York. P. O. address, Elmhurst, New York.
WILLIAM RASQUIN, Jr., Justice. HENRY WALTER, Jr., Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Third District—JAMES F. McLAUGHLIN, Justice; GEORGE W. DAMON, Clerk.
Court-house, Town Hall, Jamaica.
Clerk's office open from 9 A. M. to 4 P. M. Court held on Mondays, Wednesdays and Fridays, at 10 A. M.

Borough of Richmond.
First District—First and Third Wards (Towns Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.
JOHN J. KENNY, Justice. FRANCIS F. LEMAN, Clerk.
Court office open from 9 A. M. to 4 P. M. Court held each day, except Saturday, from 10 A. M.
Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.
GEORGE W. STAKE, Justice. PETER TIERNAN, Clerk.
Court office open from 9 A. M. to 4 P. M. Court held each day from 10 A. M., and continues until close of business.

OFFICIAL PAPERS.

MORNING—"MORNING JOURNAL," "TELEGRAPH."
Evening—"Daily News," "Commercial Advertiser." Weekly—"Weekly Union."
Semi-weekly—"Harlem Local Reporter." German—"Morgen Journal."
WILLIAM A. BUTLER, Supervisor, City Record.
SEPTEMBER 6, 1899.

BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 to 21 PARK ROW,
BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by changing the grades in Jerome avenue, from East One Hundred and Ninetieth street to East One Hundred and Ninety-first street, and in East One Hundred and Ninety-second street, Kingsbridge road and East One Hundred and Ninety-sixth street, from Jerome avenue to Morris avenue, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 to 21 Park row, Borough of Manhattan, on the 7th day of March, 1900, at 2 o'clock P. M., at which such proposed change of grades will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 14th day of February, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by changing the grades in Jerome avenue, from East One Hundred and Ninetieth street to East One Hundred and Ninety-first street, and in East One Hundred and Ninety-second street, Kingsbridge road and East One Hundred and Ninety-sixth street, from Jerome avenue to Morris avenue, in the Borough of The Bronx, City of New York, more particularly described as follows:

A—Jerome Avenue.
Beginning at the intersection of Jerome avenue and East One Hundred and Ninetieth street, the elevation to be 123.0 feet above mean high-water datum, as heretofore:
1st. Thence northerly to the intersection of Jerome avenue and East One Hundred and Ninety-second street, the elevation to be 116.5 feet above mean high-water datum;
2d. Thence northerly to the intersection of Jerome avenue and Kingsbridge road, the elevation to be 128.0 feet above mean high-water datum;
3d. Thence to the intersection of Jerome avenue and East One Hundred and Ninety-sixth street, the elevation to be 136.0 feet above mean high-water datum;
B—East One Hundred and Ninety-first Street.
Beginning at the intersection of East One Hundred and Ninety-first street and Morris avenue, the elevation to be 119.6 feet above mean high-water datum as heretofore:
1st. Thence westerly to the centre of the curb, between Morris and Jerome avenues, the elevation to be 121 feet above mean high-water datum.
C—East One Hundred and Ninety-second Street.
Beginning at the intersection of East One Hundred and Ninety-second street and Morris avenue, the elevation to be 117.0 feet above mean high-water datum.
1st. Thence westerly distant 100 feet from the north-west curb intersection of East One Hundred and Ninety-second street and Morris avenue, the elevation to be 117.5 feet above mean high-water datum.
D—Kingsbridge Road.
Beginning at the intersection of Kingsbridge road and Morris avenue, the elevation to be 128.5 feet above mean high-water datum, as heretofore.
1st. Thence westerly distant 100 feet from the north-west curb intersection of Kingsbridge road and Morris avenue, the elevation to be 129.0 feet above mean high-water datum.
E—East One Hundred and Ninety-sixth Street.
Beginning at the intersection of East One Hundred and Ninety-sixth street and Morris avenue, the elevation to be 147.0 feet above mean high-water datum as heretofore.
1st. Thence westerly to the intersection of East One Hundred and Ninety-sixth street and Park View terrace, the elevation to be 137.0 feet above mean high-water datum.
All elevations refer to mean high-water datum as established in the Borough of The Bronx.
Resolved, That this Board consider the proposed change of grades of the above-named streets, at a meeting of this Board, to be held in the office of this Board on the 7th day of March, 1900, at 2 o'clock P. M.
Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named streets will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 7th day of March, 1900.
JOHN H. MOONEY, Secretary.
Dated, New York, February 20, 1900.

to be 123.0 feet above mean high-water datum, as heretofore:

1st. Thence northerly to the intersection of Jerome avenue and East One Hundred and Ninety-second street, the elevation to be 116.5 feet above mean high-water datum;

2d. Thence northerly to the intersection of Jerome avenue and Kingsbridge road, the elevation to be 128.0 feet above mean high-water datum;

3d. Thence to the intersection of Jerome avenue and East One Hundred and Ninety-sixth street, the elevation to be 136.0 feet above mean high-water datum;

B—East One Hundred and Ninety-first Street.

Beginning at the intersection of East One Hundred and Ninety-first street and Morris avenue, the elevation to be 119.6 feet above mean high-water datum as heretofore:

1st. Thence westerly to the centre of the curb, between Morris and Jerome avenues, the elevation to be 121 feet above mean high-water datum.

C—East One Hundred and Ninety-second Street.

Beginning at the intersection of East One Hundred and Ninety-second street and Morris avenue, the elevation to be 117.0 feet above mean high-water datum.

1st. Thence westerly distant 100 feet from the north-west curb intersection of East One Hundred and Ninety-second street and Morris avenue, the elevation to be 117.5 feet above mean high-water datum.

D—Kingsbridge Road.

Beginning at the intersection of Kingsbridge road and Morris avenue, the elevation to be 128.5 feet above mean high-water datum, as heretofore.

1st. Thence westerly distant 100 feet from the north-west curb intersection of Kingsbridge road and Morris avenue, the elevation to be 129.0 feet above mean high-water datum.

E—East One Hundred and Ninety-sixth Street.

Beginning at the intersection of East One Hundred and Ninety-sixth street and Morris avenue, the elevation to be 147.0 feet above mean high-water datum as heretofore.

1st. Thence westerly to the intersection of East One Hundred and Ninety-sixth street and Park View terrace, the elevation to be 137.0 feet above mean high-water datum.

All elevations refer to mean high-water datum as established in the Borough of The Bronx.

Resolved, That this Board consider the proposed change of grades of the above-named streets, at a meeting of this Board, to be held in the office of this Board on the 7th day of March, 1900, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named streets will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 7th day of March, 1900.

JOHN H. MOONEY, Secretary.

Dated, New York, February 20, 1900.

BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 to 21 PARK ROW,
BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out West One Hundred and Fortieth street, from Edgemoor avenue to St. Nicholas avenue, in the Borough of Manhattan, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 to 21 Park row, Borough of Manhattan, on the 7th day of March, 1900, at 2 o'clock P. M., at which such proposed laying out will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 14th day of February, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out West One Hundred and Fortieth street, from Edgemoor avenue to St. Nicholas avenue, in the Borough of Manhattan, City of New York, more particularly described as follows:

Beginning in the western line of Edgemoor avenue, distant 199 feet 10 inches southerly from the intersection of said line with the southern line of West One Hundred and Forty-first street;

1st. Thence southerly along the western line of Edgemoor avenue for 60 feet;

2d. Thence westerly, deflection 90 degrees to the right, for 155 feet and one-half inch, to the eastern line of St. Nicholas avenue;

3d. Thence northerly along the eastern line of St. Nicholas avenue for 60 feet 10 1/2 inches;

4th. Thence easterly for 165 feet 1 1/2 inches to the point of beginning.

West One Hundred and Fortieth street is to be 60 feet wide.

Resolved, That this Board consider the proposed laying out of the above-named street at a meeting of this Board to be held in the office of this Board on the 7th day of March, 1900, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the above-named street will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 7th day of March, 1900.

Dated, New York, February 20, 1900.

JOHN H. MOONEY, Secretary.

BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 to 21 PARK ROW,
BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out and extending Putnam avenue, from East Two Hundred and Thirty-third street to East Two Hundred and Thirty-first street, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 to 21 Park row, Borough of Manhattan, on the 7th day of March, 1900, at 2 o'clock P. M., at which such proposed laying out and extending will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 14th day of February, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out and extending Putnam avenue, from East Two Hundred and Thirty-third street to East Two Hundred and Thirty-first street, in the Borough of The Bronx, City of New York, more particularly described as follows:

Beginning at a point in the northern line of East Two Hundred and Thirty-first street distant 133.29 feet easterly of the intersection of said line with the eastern line of Broadway;

1. Thence easterly along the northern line of Two Hundred and Thirty-first street for 50.43 feet;

2. Thence northerly deflecting 82 degrees 28 minutes 34 seconds to the left for 638.89 feet to the southern line of East Two Hundred and Thirty-third street;

3. Thence westerly along last mentioned line for 50.17 feet.

4. Thence southerly for 641.37 feet to the point of beginning.

Putnam avenue is to be 50 feet wide.

Resolved, That this Board consider the proposed laying out and extending of the above-named avenue at a meeting of this Board to be held in the office of this Board on the 7th day of March, 1900, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out and extending of the above-named avenue will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 7th day of March, 1900.

JOHN H. MOONEY, Secretary.

Dated, New York, February 20, 1900.

BOARD OF PUBLIC IMPROVEMENTS,
19 to 21 PARK ROW,
BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN, THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to lay out and locate towers and anchorages for the proposed bridge over the East river between the boroughs of Manhattan and Brooklyn, in The City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 to 21 Park Row, Borough of Manhattan, on the 28th day of February, 1900, at 2 o'clock P. M., at which such proposed laying out and locating will be considered by said Board; all of which is more particularly set forth and described in the following resolution, adopted by said Board on the 14th day of February, 1900, notice of the adoption of which is hereby given, viz.:

Whereas, At a meeting of this Board, held on the 29th day of November, 1899, resolutions were adopted approving plans for a bridge over the East river, between the boroughs of Manhattan and Brooklyn and the approaches thereto; and

Whereas, The Municipal Assembly by ordinance, duly approved by the Mayor on the 8th day of January, 1900, provided for the building of said bridge and approaches in accordance with said plans, and duly approved of the same; and

Whereas, The lands for the location of towers and anchorages in said boroughs of Manhattan and Brooklyn, as the same are designated and described on the sketch or plan hereto annexed, are necessary to be taken for the purposes of said bridge and approaches, and are more particularly described as follows:

MANHATTAN TOWER.
Beginning at a point on the present bulkhead line 90 feet from the northwest corner of Pike slip and South streets measured along the continuation of the west side of Pike slip and across S. 10th street; thence along the present bulkhead line north 80 degrees 7 minutes east 236 feet to a point on the bulkhead-line approximately half way between Old Piers 41 and 42; thence south 9 degrees 30 minutes east 455 feet 6 inches to the United States pierhead-line of 1890; thence westerly along the United States pierhead-line of 1890 254 feet 3 1/2 inches to a point at the intersection of this pierhead-line and the east side of Old Pier 40 prolonged; thence northerly along the east side of this pier north 7 degrees 15 minutes west for 462 feet to place of beginning.

All distances given above are more or less.

Line marked A-B is intended to divide, as near as may be into equal parts, the water space between Old Piers 41 and 42.

MANHATTAN ANCHORAGE
Block 254, Ward 7.
Beginning at a point on the north side of Cherry street distant 27 feet 3 inches westerly from the north-west corner of Cherry and Pike streets, running thence along the northerly side of Cherry street 238 feet 5 1/2 inches to the westerly boundary line of Lot 42, Block 254; thence along the boundary line between Lots Nos. 11 and 12 for 49 feet; thence on a line bearing north 23 degrees 00 minutes 00 seconds west 162 feet to a point on the boundary line between Lots 8 and 44 of Block number 254, thence along this boundary line and the boundary line between Lots 8 and 45 for 27 feet 6 inches to the corner between Lots 45 and 46; thence northerly along the division line between Lots 45 and 46, for 92 feet 8 inches to the southerly line of Monroe street; thence easterly along the south side of Monroe street for 252 feet 7 inches to the corner between Lots 32 and 33; thence southerly along the division line between Lots 32 and 33 for 82 feet 1 inch to the other corner between these lots; thence easterly along the boundary line between Lots 32 and 17 for 26 feet to the northeast corner of Lot 17; thence along the easterly boundary of Lot 17 for 72 feet and thence south 23 degrees 0 minutes 0 seconds east for 127 feet to the place of beginning.

All distances given above are more or less.

The bearings (north 23 degrees 0 minutes west) and (south 23 degrees 0 minutes east) are as near parallel as may be to the centre line of the bridge as now located.

BROOKLYN TOWER.
Beginning at a point on the present bulkhead line at the intersection of the west side of Washington street and distant 231 feet 9 inches from the northwest corner of Washington and Plymouth streets; thence north 84 degrees 30 minutes 30 seconds west along said bulkhead line 78 feet 4 1/2 inches; thence north 2 degrees 50 minutes 20 seconds east for 268 feet 4 1/2 inches to the United States Pierhead-line of 1890; thence along said pierhead-line easterly for 228 feet 6 1/2 inches; thence southerly 220 feet to a point on the present bulkhead-line; thence west 160 feet to place of beginning.

All above distances are more or less.

Lines marked A-B and C-D are intended to divide into equal parts the water-space between the two adjacent piers.

BROOKLYN ANCHORAGE.
Block 26, Ward 2.
Beginning at the intersection of the east side of Adams street and the south side of Water street; thence easterly along the south side of Water street for 20 feet 3 inches to the western side of Pearl street; thence southerly along the western side of Pearl street for 2

dated as a first-class street or road in the Twenty-third and Twenty-fourth Wards of the 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, 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 6th day of March, 1900, at 10:30 o'clock in the 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated, BOROUGH OF MANHATTAN, NEW YORK, February 20, 1900.

LOUIS B. VAN GAASBEEK,
GEORGE G. BANZER,
FLOYD M. LORD,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening EAST ONE HUNDRED AND NINETY-FOURTH STREET (although not yet named by proper authority), from Valentine avenue to Webster avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of the 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 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 12th day of March, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 12th day of March, 1900, at 10 o'clock A. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, of 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 22d day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, 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 westerly prolongation of that part of the middle line of the block between East One Hundred and Ninety-second street and Kingsbridge road lying eastwardly from Jerome avenue with a line drawn parallel to the westerly side of Jerome avenue and distant 100 feet westerly therefrom; running thence northerly along said parallel line to its intersection with the westerly prolongation of the middle line of the block between Kingsbridge road and East One Hundred and Ninety-sixth street; thence easterly along said westerly prolongation and middle line of the blocks to the easterly side of Valentine avenue; thence easterly along the middle line of the blocks between East One Hundred and Ninety-fourth street and East One Hundred and Ninety-sixth street and its prolongation eastwardly to its intersection with a line drawn parallel to the easterly side of Marion avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with the middle line of the block between East One Hundred and Ninety-fourth street and East One Hundred and Ninety-fifth street; thence easterly along said middle line of the blocks to the westerly side of Webster avenue; thence southerly along said westerly side of Webster avenue to its intersection with a line drawn parallel to the southerly side of East One Hundred and Ninety-third street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with a line drawn parallel to the easterly side of Marion avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with a line drawn parallel to the southerly side of East One Hundred and Ninety-third street and distant 200 feet southerly therefrom; thence westerly along said parallel line and its prolongation westwardly to the easterly side of Kingsbridge road; thence northerly along said easterly side of Kingsbridge road to its intersection with the easterly prolongation of that part of the middle line of the block between East One Hundred and Ninety-second street and Kingsbridge road lying westwardly from the Grand Boulevard and Concourse; thence westerly along said easterly prolongation and middle line of the block and its prolongation westwardly to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, 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, BOROUGH OF MANHATTAN, NEW YORK CITY, January 10, 1900.

HENRY B. B. STAPLER, Chairman,
JOHN MURPHY,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening VYSE STREET (although not yet named by proper authority), from Boston road to the Bronx Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the 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 12th day of March, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 12th day of March, 1900, at 3 o'clock P. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, of 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 21st day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, 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 side of East One Hundred and Seventy-fourth street with a line drawn parallel to the northwesterly side of Vyse street and distant 100 feet northwesterly therefrom; running thence northwesterly along said parallel line and its prolongation northwesterly to its intersection with the southwesterly prolongation of the middle line of the block between Boston road and Vyse street on the southeast, and Daly avenue on the northwest; thence northeasterly along said southwesterly prolongation and middle line of the block to its intersection with the middle line of the block between East One Hundred and Seventy-ninth street and East One Hundred and Eightieth street; thence northwesterly along said middle line of the block to the southeasterly side of Daly avenue; thence northeasterly along said southeasterly side of Daly avenue and its prolongation northwesterly to its intersection with a line drawn parallel to the northerly side of East One Hundred and Eighty-second street and distant 100 feet northeasterly therefrom; thence southeasterly along said parallel line to its intersection with the northeasterly prolongation of the northwesterly side of Bryant street; thence southwesterly along said northeasterly prolongation and northwesterly side of Bryant street to the middle line of the block between East One Hundred and Seventy-ninth street and East One Hundred and Eightieth street; thence northwesterly along said middle line of the block to its intersection with the middle line of the block between Vyse street and Bryant street; thence southwesterly along said middle line of the block to the northerly side of Boston road; thence southerly to the intersection of the southerly side of Boston road with the northwesterly side of Bryant street; thence southwesterly along said northwesterly side of Bryant street to its intersection with a line drawn parallel to the southwesterly side of East One Hundred and Seventy-sixth street and distant 100 feet southwesterly therefrom; thence northwesterly along said parallel line to its intersection with a line drawn parallel to the southeasterly side of Vyse street and distant 100 feet southeasterly therefrom; thence southwesterly along said parallel line to the northerly side of East One Hundred and Seventy-fourth street; thence westerly along said northerly side of East One Hundred and Seventy-fourth street to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, 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, Borough of Manhattan, New York City, December 15, 1899.

HENRY L. BURNETT, Chairman,
WALTER ROMEYN BENJAMIN,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening BRIGGS AVENUE (although not yet named by proper authority), from East One Hundred and Ninety-fourth street to Southern Boulevard, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of 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, up to and including the 15th day of February, 1900, 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 5th day of March, 1900, at 10:30 o'clock in the 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 the provisions of section 999 of title 4 of chapter 19, of chapter 378 of the Laws of 1897.

Dated, BOROUGH OF MANHATTAN, NEW YORK, February 15, 1900.

EDWARD B. WHITNEY,
JOHN T. SIMON,
THOMAS J. BROWN,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening EAST ONE HUNDRED AND SEVENTY-NINTH STREET (although not yet named by proper authority), from Jerome avenue to Anthony avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of the 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 9th day of March, 1900; and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 12th day of March, 1900, at 4 o'clock P. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used

by us in making our report have been deposited in the Bureau of Street Openings of 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 20th day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, 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 side of Tremont avenue with the middle line of the block between Davidson avenue and Jerome avenue; thence northerly along said middle line to the southerly side of Burnside avenue; thence easterly along the southerly side of Burnside avenue to its intersection with the westerly side of Creston avenue; thence easterly on a straight line to the intersection of the easterly side of the Grand Boulevard and Concourse with the southerly side of Burnside avenue; thence easterly along the southerly side of Burnside avenue to its intersection with the middle line of the block between Anthony avenue and Kyer avenue; thence southerly along said middle line to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-eighth street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with a line drawn parallel to the easterly side of the Grand Boulevard and Concourse and distant 100 feet easterly therefrom; thence southerly along said parallel line to the northerly side of Backhout street; thence westerly along the northerly side of Backhout street to the northerly side of Tremont avenue; thence northwesterly along the northerly side of Tremont avenue to the point or place of beginning, as such streets are shown upon the final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, 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, BOROUGH OF MANHATTAN, NEW YORK, December 16, 1899.

JULIUS J. FRANK, Chairman,
DENNIS MCEVOY,
MICHAEL J. KELLY,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening and extending TROPPING STREET (although not yet named by proper authority), from Claremont Park to East One Hundred and Seventy-sixth street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the 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 8th day of March, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 9th day of March, 1900, at 11 o'clock A. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, of 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 19th day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, 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 a line drawn parallel to the southerly side of Belmont street and distant 100 feet southerly therefrom with the southerly prolongation of the easterly side of Monroe avenue; running thence northerly along said southerly prolongation and easterly side of Monroe avenue to its intersection with a line drawn parallel to the northerly side of East One Hundred and Seventy-sixth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to its intersection with the northerly prolongation of the westerly side of Clay avenue; thence southerly along said northerly prolongation and westerly side of Clay avenue to its intersection with a line drawn parallel to the southerly side of Belmont street and distant 100 feet southerly therefrom; thence westerly along said parallel line to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, 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, BOROUGH OF MANHATTAN, NEW YORK CITY, December 4, 1899.

THEODORE E. SMITH, Chairman,
THOS. BARTLEY,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening LEGGETT AVENUE (although not yet named by proper authority), from Prospect avenue to Randall avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the 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 7th day of March, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 8th day of March, 1900, at 10 o'clock A. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, of 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 17th day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, 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 side of East One Hundred and Forty-ninth street with the easterly side of Prospect avenue; running thence northerly along said easterly side of Prospect avenue to the southwesterly side of Macy place; thence southeasterly along said southwesterly side of Macy place to the westerly side of Hewitt place; thence easterly to the intersection of the southeasterly side of Dawson street with the middle line of the block between Craven street and Longwood avenue; thence southeasterly along said middle line of the block to its intersection with the middle line of the block between the Southern Boulevard and Whitlock avenue; thence southwesterly along said middle line of the block to the southwesterly side of Craven street; thence southeasterly along said southwesterly side of Craven street to the northwesterly side of Truxton street; thence easterly to the intersection of the westerly side of Worthen street with the westerly prolongation of that part of the middle line of the block between Randall avenue and Spofford avenue lying eastwardly from Tiffany street; thence easterly along said westerly prolongation and middle line of the block to the westerly side of Barry street; thence southerly along said westerly side of Barry street to the middle line of the block between Eastern Boulevard and Randall avenue; thence westerly along said middle line of the block to the middle line of the block between Craven street and Truxton street; thence southerly along said middle line of the block and its prolongation southwardly to the United States bulkhead-line of the East river; thence westerly along said bulkhead-line to the middle line of the block between Truxton street and Dupont street; thence northerly along said middle line of the block to the middle line of the block between Eastern Boulevard and Legget Avenue; thence westerly on a straight line to the intersection of the northerly side of Austin place with the northeasterly side of East One Hundred and Forty-ninth street; thence northwesterly along said northeasterly side of East One Hundred and Forty-ninth street to the southerly side of the Southern Boulevard; thence northwesterly to the point or place of beginning, as such streets are shown upon the final maps and profiles of the Twenty-third and Twenty-fourth Wards of the City of New York.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, at the opening of the Court on that day, and 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, BOROUGH OF MANHATTAN, NEW YORK CITY, December 18, 1899.

THEODORE E. SMITH, Chairman,
CHAS. BIGGS,
J. ASPINWALL HODGE, Jr.,

Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening AVENUE ST. JOHN (although not yet named by proper authority), from Prospect avenue to a Impson place, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-third Ward of 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, up to and including the 6th day of February, 1900, 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 1st day of March, 1900, at 10:30 o'clock in the 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 the provisions of section 999 of title 4 of chapter 19, of chapter 378 of the Laws of 1897.

Dated, BOROUGH OF MANHATTAN, NEW YORK, February 6, 1900.

JAMES R. ELY,
THOMAS F. MURRAY,
EDWARD D. FARRELL,

Commissioners.

JOHN P. DUNN,
Clerk.

COUNTY OF NEW YORK.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTY-FIRST STREET (although not yet named by proper authority), from Elton avenue to Mott avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that, on the order herein of the Appellate Division of the Supreme Court of the State of New York for the First Judicial Department, bearing date November 19, 1897, and duly filed on the 25th day of December, 1897, and on all the papers referred to therein, and on all papers in the proceeding entitled as above, and on the affidavit of George L. Sterling, verified 10th day of February, 1900, a motion and application will be made to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Part III, in the County Court-house, in the City of New York, on the 26th day of February, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter, and for a hearing upon the issues raised herein by the answer of the New York Central and Hudson River Railroad Company.

The nature and extent of the improvement intended is the acquisition of title by the City of New York, as the successor of The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public,

to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a certain street or avenue, known as East One Hundred and Sixty-first street, from Elton avenue to Mott avenue, in the Twenty-third Ward of the City of New York, being certain lots, pieces or parcels of land described in the notice and petition heretofore made herein, to wit:

PARCEL "A."

Beginning at the intersection of the western line of Sheridan avenue with the southern line of East One Hundred and Sixty-first street (as legally opened November 16, 1880);

1st. Thence southwesterly along the western line of Sheridan avenue for 40.45 feet;

2d. Thence westerly deflecting 81 degrees 24 minutes 1 second to the right for 340.17 feet to the eastern line of Mott avenue;

3d. Thence northerly along the eastern line of Mott avenue for 40.0 feet to the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

4th. Thence easterly along the southern line of said East One Hundred and Sixty-first street for 345.11 feet to the point of beginning.

PARCEL "B."

Beginning at the intersection of the eastern line of Sheridan avenue with the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence southwesterly along the eastern line of Sheridan avenue for 40.45 feet;

2d. Thence easterly deflecting 93 degrees 35 minutes 59 seconds to the left for 736.98 feet to the western line of Morris avenue;

3d. Thence northerly along the western line of Morris avenue for 40 feet to the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

4th. Thence westerly along the southern line of said East One Hundred and Sixty-first street for 730.93 feet to the point of beginning.

PARCEL "C."

Beginning at the intersection of the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880) with the western line of Park avenue (Railroad avenue, West);

1st. Thence southwesterly along the western line of Park avenue (Railroad avenue, West), for 44.95 feet;

2d. Thence westerly deflecting 62 degrees 51 minutes 20 seconds to the right for 42.41 feet to the eastern line of Morris avenue;

3d. Thence northerly along the eastern line of Morris avenue for 40 feet to the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

4th. Thence easterly along the southern line of said East One Hundred and Sixty-first street for 482.92 feet to the point of beginning.

PARCEL "D."

Beginning at the intersection of the northern line of East One Hundred and Sixty-first street (legally opened November 16, 1880), with the eastern line of Park avenue (legally opened as Railroad avenue, West);

1st. Thence northeasterly along the eastern line of Park avenue for 20.50 feet;

2d. Thence easterly deflecting 62 degrees 7 minutes 43 seconds to the right for 250.67 feet to the western line of Courtlandt avenue;

3d. Thence southwesterly along the western line of Courtlandt avenue for 28.25 feet to the northern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

4th. Thence westerly along the northern line of said East One Hundred and Sixty-first street for 113.08 feet;

5th. Thence northeasterly along the northern line of said East One Hundred and Sixty-first street for 5.67 feet;

6th. Thence westerly along the northern line of East One Hundred and Sixty-first street for 146.66 feet to the point of beginning.

PARCEL "E."

Beginning at the intersection of the eastern line of Park avenue (legally opened as Railroad avenue, West) with the southern line of East One Hundred and Sixty-first street (as legally opened November 16, 1880);

1st. Thence southwesterly along the eastern line of (Railroad avenue, West) Park avenue, for 25.9 feet;

2d. Thence easterly deflecting 117 degrees 52 minutes 17 seconds to the left for 101.17 feet to the western line of Park avenue (formerly Railroad avenue, East);

3d. Thence northeasterly along the western line of Park avenue (formerly Railroad avenue, East) for 23.75 feet to the southern line of said East One Hundred and Sixty-first street;

4th. Thence westerly along the southern line of said East One Hundred and Sixty-first street for 100.51 feet to the point of beginning.

PARCEL "F."

Beginning at the intersection of the eastern line of Park avenue (Railroad avenue, East) with the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence southwesterly along the eastern line of Park avenue (Railroad avenue, East) for 28.28 feet;

2d. Thence easterly deflecting 117 degrees 53 minutes 20 seconds to the left for 107.42 feet to the western line of Courtlandt avenue;

3d. Thence southwesterly along the western line of Courtlandt avenue for 25 feet to the southern line of said East One Hundred and Sixty-first street;

4th. Thence westerly along the southern line of said East One Hundred and Sixty-first street for 94.19 feet to the point of beginning.

PARCEL "G."

Beginning at the intersection of the northern line of East One Hundred and Sixty-first street (legally opened November 16, 1880) with the western line of Melrose avenue;

1st. Thence northerly along the western line of Melrose avenue for 25 feet;

2d. Thence westerly deflecting 90 degrees to the left for 407.21 feet to the eastern line of Courtlandt avenue;

3d. Thence southwesterly along the eastern line of Courtlandt avenue for 28.25 feet to the northern line of East One Hundred and Sixty-first street;

4th. Thence easterly along the southern line of East One Hundred and Sixty-first street for 420.38 feet to the point of beginning.

PARCEL "H."

Beginning at the intersection of the western line of Melrose avenue with the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence southerly along the western line of Melrose avenue for 25 feet;

2d. Thence westerly deflecting 90 degrees to the right for 441 feet to the eastern line of Courtlandt avenue;

3d. Thence northerly along the eastern line of Courtlandt avenue for 25 feet to the southern line of said East One Hundred and Sixty-first street;

4th. Thence easterly along the southern line of said East One Hundred and Sixty-first street for 441 feet to the point of beginning.

PARCEL "I."

Beginning at a point at the intersection of the eastern line of Melrose avenue with the northern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence northerly along the eastern line of Melrose avenue for 25 feet;

2d. Thence easterly deflecting 90 degrees to the right for 449.18 feet;

3d. Thence easterly deflecting 24 degrees 17 minutes 40 seconds to the left for 15.46 feet to the western line of Elton avenue;

4th. Thence southwesterly along the western line of Elton avenue for 40.33 feet to the northern line of said East One Hundred and Sixty-first street.

5th. Thence westerly along the northern line of said East One Hundred and Sixty-first street for 438.21 feet to the point of beginning.

PARCEL "J."

Beginning at the intersection of the eastern line of Melrose avenue with the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence southerly along the eastern line of Melrose avenue for 25 feet;

2d. Thence easterly deflecting 90 degrees to the left for 421 feet to the western line of Elton avenue;

3d. Thence northerly along the western line of Elton avenue for 25 feet to the southern line of said East One Hundred and Sixty-first street;

4th. Thence westerly along the southern line of said East One Hundred and Sixty-first street for 421 feet to the point of beginning.

PARCEL "K."

Beginning at the intersection of the eastern line of Elton avenue with the southern line of East One Hundred and Sixty-first street (legally opened November 16, 1880);

1st. Thence southerly along the eastern line of Elton avenue for 25 feet;

2d. Thence easterly deflecting 114 degrees 17 minutes 40 seconds to the left for 60.76 feet to the southern line of said East One Hundred and Sixty-first street;

3d. Thence westerly along the southern side of said East One Hundred and Sixty-first street for 55.38 feet to the point of beginning.

East One Hundred and Sixty-first street is designated as a street of the first class, and is shown on sections 6, 7 and 9 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York, section 6 on August 6, 1895, and sections 7 and 9 on October 31, 1895; in the office of the Register of the City and County of New York, section 6 on August 7, 1895, and sections 7 and 9 on November 2, 1895; in the office of the Secretary of State of the State of New York, section 6 on August 9, 1895, and sections 7 and 9 on November 2, 1895.

Dated, New York, February 14, 1900.

JOHN WHALEN,

Corporation Counsel,
No. 2 Tryon Row,
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, to the lands and premises required for the opening of the approach to the bridge over the Harlem river at West One Hundred and Forty-fifth street, in the Twelfth Ward, Borough of Manhattan, City of New York, and the approaches to the bridge over the Harlem river at East One Hundred and Forty-ninth street, in the Twenty-third Ward, Borough of The Bronx, 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, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Tuesday, the 27th day of February, 1900, 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 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 of the approach to the bridge over the Harlem river at West One Hundred and Forty-fifth street, in the Twelfth Ward, Borough of Manhattan, City of New York, and the approaches to the bridge over the Harlem river at East One Hundred and Forty-ninth street, in the Twenty-third Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz:

PARCEL "A."

Beginning at the intersection of the eastern line of Lenox avenue with the northern line of West One Hundred and Forty-fifth street;

1. Thence northerly along the eastern line of Lenox avenue for 25 feet;

2. Thence easterly deflecting 90 degrees to the right for 640.6 feet to the western pierhead-line of the Harlem river;

3. Thence southerly deflecting 59 degrees 1 minute 20 seconds to the right along said line for 29.16 feet to the northern line of West One Hundred and Forty-fifth street;

4. Thence westerly for 655.97 feet to the point of beginning.

PARCEL "B."

Beginning at the intersection of the eastern line of Lenox avenue with the southern line of West One Hundred and Forty-fifth street;

1. Thence southerly along the eastern line of Lenox avenue for 25 feet;

2. Thence easterly deflecting 90 degrees to the left for 730.72 feet to the western pierhead-line of the Harlem river;

3. Thence northerly deflecting 120 degrees 29 minutes 29 seconds to the left along said line for 29.01 feet to the southern line of West One Hundred and Forty-fifth street;

4. Thence westerly for 716 feet to the point of beginning.

PARCEL "C."

Beginning at the intersection of the western line of River avenue with the northern line of East One Hundred and Forty-ninth street;

1. Thence westerly along the northern line of East One Hundred and Forty-ninth street for 599.52 feet to the eastern pierhead-line of the Harlem river;

2. Thence northerly deflecting 81 degrees 8 minutes 57 seconds to the right along said line for 50.60 feet;

3. Thence easterly deflecting 98 degrees 51 minutes 3 seconds to the right for 486.30 feet;

4. Thence northerly deflecting 90 degrees to the left for 6.31 feet;

5. Thence northerly deflecting 20 degrees 4 minutes 57 seconds to the left for 313.76 feet;

6. Thence easterly deflecting 122 degrees 55 minutes 4 seconds to the right for 119.12 feet;

7. Thence southerly deflecting 57 degrees 4 minutes 56 seconds to the right for 285.61 feet;

8. Thence easterly deflecting 47 degrees 39 minutes 2 seconds to the left for 30 feet to the western line of River avenue;

9. Thence southerly for 80.24 feet to the point of beginning.

PARCEL "D."

Beginning at the intersection of the western line of River avenue with the southern line of East One Hundred and Forty-ninth street;

1. Thence westerly along the southern line of East One Hundred and Forty-ninth street for 49.17 feet;

2. Thence southerly deflecting 110 degrees 4 minutes 57 seconds to the left for 17.00 feet;

3. Thence southerly deflecting 21 degrees 34 minutes 29 seconds to the right for 639.07 feet;

4. Thence southerly deflecting 60 degrees 30 minutes 25 seconds to the left for 8.99 feet;

5. Thence northerly for 772.94 feet to the point of beginning.

PARCEL "E."

Beginning at the intersection of the northern line of East One Hundred and Forty-ninth street with the western line of Gerard avenue;

1. Thence westerly along the northern line of East One Hundred and Forty-ninth street for 201.01 feet to the eastern line of River avenue;

2. Thence northerly along said line for 50.69 feet;

3. Thence easterly for 205.08 feet to the point of beginning.

PARCEL "F."

Beginning at the intersection of the southern line of East One Hundred and Forty-ninth street with the western line of Gerard avenue;

1. Thence westerly along the southern line of East One Hundred and Forty-ninth street for 201.10 feet to the eastern line of River avenue;

2. Thence southerly along said line for 10.23 feet;

3. Thence easterly for 220.71 feet to the point of beginning.

The said approaches are shown on "Map showing the proposed widening of West One Hundred and Forty-fifth street, between Lenox avenue and the United States pierhead-line of the Harlem river, at West One Hundred and Forty-fifth street, in the Twelfth Ward, Borough of Manhattan," filed in the offices of the Register of the County of New York, the Corporation Counsel of The City of New York, and the President of the Board of Public Improvements of The City of New York, on the 10th day of August, 1899, and on "Map showing proposed location of approaches to bridge over Harlem river, at East One Hundred and Forty-ninth street, Borough of The Bronx," filed in the above-mentioned offices on the 28th day of July, 1898.

The lands to be taken for the said approaches are located in Blocks 1742 and 1743 of Section 6, and Blocks 231, 235, 2355 and 2356 of Section 9 of the Land Map of The City of New York.

Dated, New York, February 14, 1900.

JOHN WHALEN,

Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening ST. PAUL'S PLACE (although not yet named by proper authority), from Webster avenue to Fulton avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-third and Twenty-fourth Wards of the 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 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 6th day of March, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 7th day of March, 1900, at 4 o'clock P. M.

Second—That the abstract of our said estimate of damage, together with our damage maps and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of 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 16th day of March, 1900.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, all those lands, tenements and hereditaments and premises situated, 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 westerly prolongation of a line drawn parallel to the southerly side of East One Hundred and Seventieth street and distant 100 feet southerly therefrom with the middle line of the block between Clay avenue and Webster avenue; running thence northerly along said middle line of the block to its intersection with the boundary line between the Twenty-third and Twenty-fourth Wards; thence northerly on a line parallel to Webster avenue to its intersection with the southeasterly side of Clay avenue; thence northeasterly along said southeasterly side of Clay avenue to the southerly side of East One Hundred and Seventy-first street; thence easterly along said southerly side of East One Hundred and Seventy-first street and its prolongation easterly to its intersection with a line drawn parallel to the easterly side of Fulton avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with a line drawn parallel to the northerly side of Crotona Park, South, and distant 100 feet northerly therefrom; thence easterly along said parallel line to the northerly side of Crotona Park, East; thence southwesterly along said northwesterly side of Crotona Park, East, and its prolongation southwesterly to its intersection with the northwesterly prolongation of the southwesterly side of Prospect avenue; thence southeasterly along said northwesterly prolongation and southwesterly side of Prospect avenue to its intersection with the easterly prolongation of that part of the middle line of the block between East One Hundred and Seventieth street and Crotona Park, South, lying westerly from Crotona avenue; thence westerly along said easterly prolongation and middle line of the block to its intersection with the middle line of the block between Franklin avenue and Fulton avenue; thence southerly along said middle line of the block to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventieth street and distant 100 feet southerly therefrom; thence westerly along said parallel line and its prolongation westerly to the point or place of beginning, as such streets are shown upon the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The City of New York.

Fourth—That our first partial and separate report herein will be presented 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 16th day of April, 1900, 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 BOROUGH OF MANHATTAN, NEW YORK CITY, December 11, 1899.

SELIGMAN MANHEIMER, Chairman.

THOS. J. MILLER, Commissioners.

JOHN P. DUNN, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIER, OLD NO. 4, EAST RIVER, not now owned by The City of New York, and all right, title and interest in and to said pier or any portion thereof, not now owned by The City of New York, to be taken for the improvement of the water front of The City of New York, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

water front of The City of New York on the East river, at or near BROAD STREET, pursuant to the plan heretofore adopted by the said Board of Docks, and approved by the Commissioners of the Sinking Fund.

PURSUANT TO SECTION 822 OF CHAPTER 378 of the Laws of 1897, and all 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, at a Special Term, Part III, of said Court, to be held in the County Court-house, in The City of New York, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such case made and provided and determined upon by the Board of Docks on the 13th day of April, 1871, and approved by the Commissioners of the Sinking Fund on the 27th day of April, 1871, as altered and amended by the Board of Docks, November 3, 1899, which alteration and amendment were approved by the Commissioners of the Sinking Fund, December 6, 1899, and which said plan and amendment are filed in the office of the Department of Docks and Ferries, of all the wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York, and appurtenant to the premises described as follows, to wit: All the interest in the pier known as Pier, old No. 4, East river, not now owned by The City of New York, said interest being an undivided half interest, said pier being bounded and described as follows, to wit:

Beginning at a point where the existing bulkhead along the southerly side of South street intersects the westerly line of Pier, old No. 4, East river; running thence southerly along said westerly line of Pier, old No. 4, East river, 472.40 feet to the southerly or outer end of said pier; thence easterly along the southerly or outer end of said pier about 40 feet to the easterly line of said pier; thence northerly along the easterly line of said pier 469.60 feet to the line of solid filling running along the southerly side of South street; thence westerly along said line of solid filling 40 feet to the point or place of beginning, be the said several dimensions more or less, together with all the rights of wharfage, and other rights connected with or appertaining to such wharf or pier.

Dated New York, February 9, 1900.

JOHN WHALEN,

Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
City of New York.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIER, OLD NO. 15, EAST RIVER, not now owned by The City of New York, and all right, title and interest in and to said pier or any portion thereof, not now owned by The City of New York, to be taken for the improvement of the water front of The City of New York, on the East river, at or near WALL STREET, pursuant to the plan heretofore adopted by the said Board of Docks, and approved by the Commissioners of the Sinking Fund.

PURSUANT TO SECTION 822 OF CHAPTER 378 of the Laws of 1897, and all 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, at a Special Term, Part III, of said Court, to be held in the County Court-house, in The City of New York, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such case made and provided and determined upon by the Department of Docks on the 13th day of April, 1871, and approved by the Commissioners of the Sinking Fund on the 27th day of April, 1871, as altered and amended by the Department of Docks and Ferries, November 3, 1899, which alteration and amendment were approved by the Sinking Fund Commissioners, December 6, 1899, and which said plan and amendment are filed in the office of the Department of Docks and Ferries, of all the wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York, and appurtenant to the premises described as follows, to wit: All the interest in the pier known as Pier, old No. 15, East river, not now owned by The City of New York, said interest being an undivided half interest, said pier being bounded and described as follows, to wit:

Beginning at a point where the existing bulkhead along the southerly side of South street intersects the westerly line of Pier, old No. 15, East river; running thence southerly along said westerly line of Pier, old No. 15, about 432 feet to the southerly or outer end of said pier; thence easterly along the southerly or outer end of said pier about 34 feet 6 inches, to the easterly line of said pier; thence northerly along the easterly line of said pier about 432 feet to the line of the bulkhead running along the southerly side of South street; thence westerly along line of said bulkhead about 24 feet 6 inches to

The nature and extent of the improvement hereby intended is the acquisition, in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such

case made and provided and determined upon by the Department of Docks on the 13th day of April, 1871, and approved by the Commissioners of the Sinking Fund on the 27th day of April, 1871, as altered and amended by the Board of Docks, November 3, 1859, which alteration and amendment were approved by the Commissioners of the Sinking Fund, December 6, 1859, and which said plan and amendment are filed in the office of the Department of Docks and Ferries, of all the wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York, and appurtenant to the premises described as follows, to wit: All the interest in the pier known as Pier, new No. 7, East river, not now owned by The City of New York, said interest being an undivided half interest, said pier being bounded and described as follows, to wit:

Beginning at a point where the existing bulkhead along the southerly side of South street intersects the westerly line of Pier, new No. 7, East river; running thence southerly along said westerly line of Pier, new No. 7, 486.18 feet to the southerly or outer end of said pier; thence easterly along southerly or outer end of said pier about 50 feet to the easterly line of said pier; thence northerly along the easterly line of said pier 484.80 feet to the existing bulkhead; thence westerly along continuation of the existing bulkhead 50 feet to the point or place of beginning, be the said several dimensions more or less, together with all the rights of wharfage and other rights connected with or appurtenant to such wharf or pier.

Dated New York, February 9, 1900.

JOHN WHALEN,

Corporation Counsel,

No. 2 Tryon Row,

Borough of Manhattan,

City of New York.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the lands, lands under water filled in, wharfage rights, terms, easements, emoluments and privileges appurtenant to the bulkhead between EIGHTEENTH AND NINETEENTH STREETS, EAST RIVER, and between NINETEENTH AND TWENTIETH STREETS, EAST RIVER, and appurtenant to the bulkhead and pier at the foot of NINETEENTH STREET, EAST RIVER, necessary to be taken for the improvement of the water front 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.

PURSUANT TO SECTION 822 OF CHAPTER 378 of the Laws of 1897 and all 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, at a Special Term, Part III, of said Court, to be held in the County Court-house, in The City of New York, Borough of Manhattan, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition, in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such cases made and provided and determined upon by the Board of Docks, December 17, 1888, and approved by the Commissioners of the Sinking Fund, December 10, 1888, which said plan is filed in the office of the Department of Docks and Ferries, of all the lands, lands under water filled in, wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York, and appurtenant to the premises described as follows, to wit:

All that certain piece or parcel of land and land under water filled in lying between the northerly side of East Eighteenth street and the southerly side of East Nineteenth street, and bounded and described as follows: Beginning at a point formed by the intersection of the northerly line of Eighteenth street with the westerly line of the marginal street, wharf or place established by the Board of Docks, December 10, 1888; running thence northerly along said westerly line of said marginal street about 240 feet to the southerly line of Nineteenth street; thence easterly along said southerly line of Nineteenth street about 31 feet to the existing bulkhead; thence southerly along said existing bulkhead about 218 feet to the southerly line of Eighteenth street; thence westerly along said northerly line of Eighteenth street about 70 feet to the point or place of beginning.

Together with all wharfage rights, terms, easements, emoluments and privileges appurtenant to and connected with the bulkhead along the river front on the easterly side of said piece or parcel of land and land under water filled in.

Also, all the right, title and interest in and to all that certain pier, bulkhead or wharf property known as the pier and bulkhead at the foot of East Nineteenth street, together with all wharfage rights, terms, easements, emoluments and privileges appurtenant to said pier, bulkhead and wharf property.

Also, all that certain bulkhead and wharf property beginning at a point where the northerly side of East Nineteenth street intersects the existing bulkhead fronting on the East River; thence running northerly along the line of said bulkhead or water front about 265 feet to the southerly line of East Twentieth street, together with all wharfage rights, terms, easements, emoluments and privileges appurtenant to and connected with said bulkhead.

Dated New York, February 9, 1900.

JOHN WHALEN,

Corporation Counsel,

No. 2 Tryon Row,

Borough of Manhattan,

City of New York.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to the bulkhead on the East river between TWENTIETH AND TWENTY-FIRST STREETS, necessary to be taken for the improvement of the water-front of The City of New York on the East river, pursuant to the plan heretofore adopted by said Board of Docks, and approved by the Commissioners of the Sinking Fund.

PURSUANT TO SECTION 822 OF CHAPTER 378 of the Laws of 1897 and all the statutes in such cases made and provided, notice is hereby given that application will be made to the Supreme Court of the State of New York, at a Special Term, Part III, of said Court, to be held in the County Court-house, in The City of New York, Borough of Manhattan, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition, in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such cases made and provided, and determined upon by the Board of Docks, December 17, 1888, and approved by the Commissioners of the Sinking Fund, December 10, 1888, which said plan is filed in the office of the Department of Docks and Ferries, of all the wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York, and appurtenant to the premises described as follows, to wit:

All that certain bulkhead and wharf property beginning at a point where the northerly line of East Twentieth street intersects the existing bulkhead fronting on the East River; thence running northerly along the line of said bulkhead or water-front about 231 feet to the southerly side of East Twenty-first street, together with the wharfage rights, terms, easements, emoluments and privileges appurtenant to and connected with said bulkhead.

Dated New York, February 9, 1900.

JOHN WHALEN,

Corporation Counsel,

No. 2 Tryon Row,

Borough of Manhattan,

City of New York.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to, and possession of the lands, lands under water filled in, wharfage rights, terms, easements, emoluments and privileges appurtenant to the bulkhead between TWENTY-FIRST AND TWENTY-SECOND STREETS, EAST RIVER, and appurtenant to the bulkhead and pier at the foot of TWENTY-FIRST STREET, EAST RIVER, necessary to be taken for the improvement of the water front 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.

PURSUANT TO SECTION 822 OF CHAPTER 378 of the Laws of 1897 and all the statutes in such cases made and provided, notice is hereby given that application will be made to the Supreme Court of the State of New York, at a Special Term, Part III, of said Court, to be held in the County Court-house, in The City of New York, Borough of Manhattan, on the 26th day of February, 1900, 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 Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition, in the name and for the benefit of The City of New York, for the execution of a certain plan for the improvement of the water front of The City of New York, pursuant to the statutes in such cases made and provided and determined upon by the Board of Docks, December 17, 1888, and approved by the Commissioners of the Sinking Fund, December 10, 1888, which said plan is filed in the office of the Department of Docks and Ferries, of all the lands, lands under water filled in, wharfage rights, terms, easements, emoluments and privileges not now owned by The City of New York and appurtenant to the premises described as follows, to wit:

All the right, title and interest in and to all that certain pier, bulkhead and wharf property known as the pier and bulkhead at the foot of East Twentieth street, together with all wharfage rights, terms, easements, emoluments and privileges appurtenant to said pier, bulkhead and wharf property.

Also all that certain bulkhead and wharf property beginning at a point where the northerly side of East Twenty-first street intersects the existing bulkhead on the East River; thence running northerly along the line of said bulkhead to a point where the existing bulkhead between Twenty-first and Twenty-second streets, East River, is intersected by the westerly line of the marginal street, wharf or place adopted by the Board of Docks, December 10, 1888, together with all wharfage rights, terms, easements, emoluments and privileges appurtenant to and connected with said bulkhead.

Also all that certain piece or parcel of land and land under water filled in between East Twenty-first and East Twenty-second streets, forming a gore or triangle, and bounded and described as follows: Beginning at a point formed by the intersection of the existing bulkhead with the westerly line of the marginal street, wharf or place established by the Board of Docks, December 10, 1888, running thence northerly along said westerly line of said marginal street, wharf or place about one hundred and seventy-four feet, to the southerly line of Twenty-second street; thence easterly along said southerly line of Twenty-second street about fourteen feet to the existing bulkhead; thence southerly along said existing bulkhead about one hundred and sixty-five feet to the point or place of beginning, be the said several dimensions more or less, together with all the wharfage rights, terms, easements, emoluments and privileges appurtenant to and connected with the bulkhead along the river front on the easterly side of said piece or parcel of land and land under water filled in.

Dated New York, February 9, 1900.

JOHN WHALEN,

Corporation Counsel,

No. 2 Tryon Row,

Borough of Manhattan,

City of New York.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to all the real estate not owned by The Mayor, Aldermen and Commonality of the City of New York, or any right, title or interest therein not extinguishable by public authority mentioned and described in the first section of an Act entitled "An Act to provide for an addition to RIVERSIDE PARK, in The City of New York," being chapter 727 of the Laws of 1896.

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 3d day of March, 1900, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 3d day of March, 1900, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock p.m.

Second—That the abstract 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 our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 30 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 16th day of March, 1900.

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 Manhattan, 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 westerly prolongation of a line drawn parallel to the southerly side of West One Hundred and Sixteenth street and distant 100 feet southerly therefrom with the southerly prolongation of a line drawn parallel to and distant 200 feet westerly from the westerly side of that part of Riverside Drive lying northwardly from West One Hundred and Sixteenth street; running thence northerly along said southerly prolongation and parallel line to the westerly prolongation of the centre line of West One Hundred and Twenty-first street; thence westerly along said westerly prolongation of said centre line of West One Hundred and Twenty-first street to the easterly side of the New York Central and Hudson River Railroad; thence

northerly along said easterly side of the New York Central and Hudson River Railroad to the westerly prolongation of the centre line of West One Hundred and Twenty-fifth street; thence easterly along said westerly prolongation of said centre line of West One Hundred and Twenty-fifth street to its intersection with a line drawn parallel to and distant 200 feet westerly from the westerly side of that part of Riverside Drive lying opposite to West One Hundred and Twenty-fifth street; thence northerly along said parallel line and its prolongation northwardly to the westerly prolongation of the centre line of West One Hundred and Twenty-seventh street; thence easterly along said westerly prolongation and centre line of West One Hundred and Twenty-seventh street to its intersection with the northerly prolongation of the middle line of the block between Claremont avenue and Broadway; thence southerly along said northerly prolongation and middle line of the blocks to the westerly prolongation of the middle line of the block between West One Hundred and Twenty-fifth street and West One Hundred and Twenty-sixth street; thence easterly along said westerly prolongation and middle line of the blocks and its prolongation easterly to its intersection with a line drawn parallel to the easterly side of Amsterdam avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to the middle line of the block between West One Hundred and Fifteenth street and West One Hundred and Sixteenth street; thence westerly along said middle line of the block and its prolongation westerly to the point or place of beginning. Excepting from said area all streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented 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 5th day of April, 1900, 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 BOROUGH OF MANHATTAN, NEW YORK CITY, December 18, 1899.

ALEX. T. MA-ON,

Chairman,

HENRY L. NELSON,

SAMUEL SANDERS,

Commissioners.

JOHN P. DUNN,

Clerk

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 WHITE PLAINS ROAD (although not yet named by proper authority), from the northern boundary of The City of New York to Morris Park avenue, in the Twenty-fourth Ward, Borough of The Bronx, in The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 5th day of January, 1900, and duly entered in the office of the Clerk of the County of New York, at his office in the Borough of Manhattan, in The City of New York, in the office of the Clerk of the County of Kings, at his office in the Borough of Brooklyn, in The City of New York, and in the office of the Clerk of the County of Westchester, at his office in White Plains, Westchester County, in the State of New York, on the 23d day of January, 1900, a copy of which order was duly filed in the office of the Register of the County of New York, and indexed in the Index of Conveyances, No. 71 Annexed Territory, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable assessment of the loss and damage, if any, or of the benefit or advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of acquiring the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York, in the office of the Clerk of the County of Kings, and in the office of the Clerk of the County of Westchester, on the 23d day of January, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of acquiring the said street or avenue, but benefited thereby, and of ascertaining and finding the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 175, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of acquiring the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 5th day of March, 1900, at 12 o'clock noon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BOROUGH OF MANHATTAN, NEW YORK CITY, February 5, 1900.

C. DONOHUE, Chairman,

JOHN W. BARTRAM,

SAMUEL MCILLAN,

Commissioners.

JOHN P. DUNN,

Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

THE CITY OF NEW YORK,

DEPARTMENT OF TAXES AND ASSESSMENTS,

MAIN OFFICE, BOROUGH OF MANHATTAN,

No. 280 BROADWAY (STEWART BUILDING),

January 3, 1900.

NOTICE IS HEREBY GIVEN, AS REQUIRED by "The Greater New York Charter," that the books called "The Annual Record of the Assessed Valuation of Real and Personal Estate of the boroughs of Manhattan, The Bronx, Brooklyn, Queens, and Richmond, comprising The City of New York," will be open for examination and correction on the second Monday of January, and will remain open until the 1st day of May, 1900.

During the time that the books are open to public inspection application may be made by any person or corporation claiming to be aggrieved by the assessed valuation of real and personal estate to have the same corrected.

In the Borough of Manhattan, at the main office of the Department of Taxes and Assessments, No. 280 Broadway.

In the Borough of The Bronx, at the office of the Department, Municipal Building, One Hundred and Seventy-seventh street and Third avenue.

In the Borough of Brooklyn, at the office of the Department, Municipal Building.

In the Borough of Queens, at the office of the Department, Hackett Building, Jackson avenue and Fifth street, Long Island City.

In the Borough of Richmond, at the office of the Department, Richmond Building, New Brighton.

Corporations in all the boroughs must make applications only at the main office in the Borough of Manhattan.

Applications in relation to the assessed valuation of personal estate must be made by the person assessed at the office of the Department in the borough where such person resides, and in the case of a non-resident, carrying on business in The City of New York, at the office of the Department of the borough where such place of business is located, between the hours of 10 A.M. and 2 P.M., except on Saturdays, when all applications must be made between 10 A.M. and 12 noon.

THOMAS L. FEITNER,

President;

EDWARD C. SHEEHY,

THOMAS J. PATTERSON,

ARTHUR C. SALMON,

FERDINAND LEVY,

Commissioners of Taxes and Assessments.

DEPARTMENT OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, southwest corner of Park avenue and Fifty-ninth street, Borough of Manhattan, until 4 o'clock P.M. on

MONDAY, FEBRUARY 26, 1900,

for Heating and Ventilating Apparatus and Electric Lighting Plant at Public School 170, Borough of Manhattan; also for Glass for Public Schools in the boroughs of Manhattan and The Bronx; also for Furniture for new Public School 133, Borough of Brooklyn.

Plans and specifications may be seen and blank proposals obtained at the Estimating Room, eighth floor, Hall of the Board of Education, corner of Park avenue and Fifty-ninth street, Borough of Manhattan.

A certified check or certificate of deposit must accompany each proposal, as required by the By-Laws of said Board, to be disposed of as the By-Laws provide, and surety must be furnished as required by said By-Laws.

The By-Laws may be examined at the office of the Secretary.

The Committee reserves the right to reject any or all proposals submitted.

Dated, BOROUGH OF MANHATTAN, February 14, 1900.

RICHARD H. ADAMS,

CHARLES E. ROBERTSON,

GEORGE LIVINGSTON,

JOHN T. BURKE,

MILES M. O'BRIEN,

F. DE HASS SIMONSON,

JOHN R. THOMPSON,

Committee on Buildings.

CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 721 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in The City of New York, or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts, will be held at Room 88, Scherhorn Building, No. 96 Broadway, in The City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P.M., until further notice.

Dated New York, January 3, 1900.

WILLIAM E. STILLINGS,

CHARLES A. JACKSON,

OSCAR S. BAILEY,

Commissioners.

LAMONT McLOUGHLIN,

Clerk.

MUNICIPAL CIVIL SERVICE COMMISSION

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK, CENTRE, ELM, FRANKLIN AND WHITE STREETS, NEW YORK, February 17, 1900.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held at the offices of this Commission for the following positions, upon the dates specified:

Wednesday, February 21, 10 A.M., CLERK, DEPARTMENT OF TAXES AND ASSESSMENTS. Subjects of examination: Handwriting, spelling, dictation, arithmetic and letter-writing and a special paper. No notice to appear for this examination will be issued on any application filed after Monday, February 19, 1900.

Friday, March 2, 9 A.M., PATROLMEN. On this date a medical and physical examination for Patrolmen will begin. In this examination only applicants Nos. 4805 to 5006, inclusive, whose applications were filed on or before April 20, 1899, will be examined.

LEB PHILLIPS,

Secretary.

DEPARTMENT OF STREET CLEANING.

PERSONS HAVING BULKHEADS TO FILL, in the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is 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.

PERCIVAL E. NAGLE,

Commissioner of Street Cleaning.

DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS, COMMISSIONER'S OFFICE, NOS. 13 TO 21 PARK ROW, NEW YORK, February 16, 1900.

NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, MARCH 5, 1900, AT 10.30 O'CLOCK A.M., the Department of Highways will sell at public auction by Philip A. Smyth, Auctioneer, the following unclaimed articles, namely:

About 3,000 B.M. spruce timber, household furniture, window frames, window sashes, sash weights, doors and casing, window shutters, stairs, bricks, bluestone flags, painter's scaffold and hoisting-drum.

The sale will take place at the Corporation Yard, Park avenue, near One Hundred and Seventy-seventh street, Borough of The Bronx.

TERMS OF SALE.

Cash payment in bankable funds at the time and place of sale, and the removal of the articles and property by

the purchaser or purchasers within five days after the sale. If the purchaser or purchasers fails or fail to remove the articles within the time specified, he or they shall forfeit the purchase money and the ownership of the articles or property purchased.

JAMES P. KEATING,
Commissioner of Highways.

DEPARTMENT OF HIGHWAYS,
COMMISSIONER'S OFFICE, NOS. 13 TO 21 PARK ROW,
NEW YORK, February 9, 1899.

NOTICE OF SALE AT PUBLIC AUCTION.

ON TUESDAY, FEBRUARY 27, 1900, AT 10.30 o'clock, A. M., the Department of Highways will sell at public auction, by Philip A. Smythe, auctioneer, the following buildings and parts of buildings within the lines of Prospect avenue, between Fort Hamilton avenue and the line between the Twenty-second and Twenty-ninth Wards,

Borough of Brooklyn.

Two-story frame dwelling on Plot No. 57, partly within the lines of the avenue.
A one-story frame stable on Plot No. 59, partly within the lines of the avenue.
A one-story frame shop on Plot No. 67, partly within the lines of the avenue.

The sale will begin with the two-story frame dwelling on Plot No. 57. A plan and description of these buildings and parts of buildings may be seen at the office of the Deputy Commissioner of Highways, Municipal Building, Borough of Brooklyn.

TERMS OF SALE:

Cash payments in bankable funds at the time and place of sale, and the entire removal of the buildings or parts of buildings by the purchaser or purchasers within ten days after the sale. If the purchaser or purchasers fail or fails to remove the buildings or parts of buildings within the time specified, he or they shall forfeit his or their purchase money and the ownership of the buildings or parts of buildings purchased.

JAMES P. KEATING,
Commissioner of Highways.

DEPARTMENT OF HIGHWAYS,
COMMISSIONER'S OFFICE, NOS. 13 TO 21 PARK ROW,
NEW YORK, February 8, 1900.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder inclosed thereon, also the number of the work as in the advertisement, will be received at Nos. 13 to 21 Park row, in Room No. 1601, until 11 o'clock A. M.,

WEDNESDAY, FEBRUARY 21, 1900.

The bids will be publicly opened by the head of the Department, in Room 1612, Nos. 13 to 21 Park row, at the hour above-mentioned.

Borough of Manhattan.

- No. 1. FOR PAVING WITH ASPHALT-BLOCK PAVEMENT, ON CONCRETE FOUNDATION, EIGHTY-FIRST STREET, from Columbus to Amsterdam avenue.
- No. 2. FOR REGULATING AND GRADING ONE HUNDRED AND THIRTY-SIXTH STREET, from Boulevard to Amsterdam avenue.
- No. 3. FOR REGULATING AND GRADING WEST FIFTY-SEVENTH STREET, from 260 feet west of Eleventh avenue to Twelfth avenue.
- No. 4. FOR REGULATING AND GRADING TWELFTH AVENUE, from south side of Fifty-second street to north side of Fifty-eighth street.
- No. 5. FOR REGULATING AND GRADING TWELFTH AVENUE, from north side of Forty-seventh street to south side of Fifty-second street.
- No. 6. FOR PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRTY-NINTH STREET, from Hamilton place to Boulevard.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be inclosed in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of the deposit will be returned to him.

THE COMMISSIONER OF HIGHWAYS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Room No. 1636, Nos. 13 to 21 Park row.

JAMES P. KEATING,
Commissioner of Highways.

DEPARTMENT OF FINANCE. 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 BROOKLYN.

TWENTY-FIFTH WARD.

DECATUR STREET.—FLAGGING, north side, between Howard and Saratoga avenues; also HOWARD AVENUE, FLAGGING, east side, between Decatur and McDonough streets; also, SARATOGA AVENUE, FLAGGING, west side, between Decatur and McDonough streets. Area of assessment: Lots numbered 21, 26, 41 and 87, of Block No. 76.
—that the same was confirmed by the Board of Assessors on February 13, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, 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 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 cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is 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 Municipal Building, 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 April 14, 1900, 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 cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 17, 1900.

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-THIRD WARD, SECTION 9.

EAST ONE HUNDRED AND THIRTY-EIGHTH STREET.—SEWER, between Park avenue (Railroad Avenue, East) and Mott Haven Canal. Area of assessment: Both sides of East One Hundred and Thirty-eighth street, between Park avenue and the easterly line of the Mott Haven Canal and the westerly line of Canal place; both sides of Canal street, west, between One Hundred and Thirty-eighth street and a point situated about 88 feet north of One Hundred and Thirty-fifth street; also Lot No. 11 of Block No. 2340.

EAST ONE HUNDRED AND FIFTY-EIGHTH STREET.—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSS-WALKS, BUILDING APPROACHES, ETC., between River and Walton avenues. Area of assessment: Both sides of One Hundred and Fifty-eighth street, between River and Walton avenues and to the extent of half the blocks on Gerard avenue.

MARCHER AVENUE.—SEWER, between Jerome avenue and East One Hundred and Sixty-ninth street; also SEWER IN ONE HUNDRED AND SIXTY-EIGHTH STREET, between Marcher avenue and the street summit east of Ogden avenue; also SEWER IN EAST ONE HUNDRED AND SIXTY-NINTH STREET, between Marcher and Ogden avenues. Area of assessment: Both sides of One Hundred and Sixty-eighth street and One Hundred and Sixty-ninth street, from Ogden avenue to Marcher avenue; both sides of Marcher avenue, from Jerome avenue to One Hundred and Sixty-ninth street; both sides of Woodcrest avenue, extending about 300 feet south of One Hundred and Sixty-eighth street; both sides of Anderson avenue, from One Hundred and Sixty-seventh street to Marcher avenue; both sides of Nelson avenue, from One Hundred and Sixty-eighth to One Hundred and Sixty-ninth street.

TWENTY-THIRD WARD, SECTIONS 9 AND 10. ST. ANN'S AVENUE.—PAVING, between the Southern Boulevard and One Hundred and Thirty-eighth street. Area of assessment: Both sides of St. Ann's avenue, between the Southern Boulevard and One Hundred and Thirty-eighth street and to the extent of half the blocks on the intersecting and terminating streets.

—that the same were confirmed by the Board of Assessors on February 13, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, 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 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 cent. per annum, to be calculated from the date of such entry to the date of payment."

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 Crotona Park 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 April 14, 1900, 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 cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 17, 1900.

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 MANHATTAN:

TWELFTH WARD, SECTION 4. NINETY-FIRST STREET.—FLAGGING AND CURBING, north side, between Amsterdam avenue and the Boulevard. Area of assessment: Lots numbered 23, 25 and 25½, of Block 129.

TWELFTH WARD, SECTION 5. NINETY-SECOND STREET.—FLAGGING, north side, between First avenue and the East river. Area of assessment: Lots numbered 12 to 17 inclusive, of Block No. 1572.

TWELFTH WARD, SECTION 7. BOULEVARD AND ONE HUNDRED AND EIGHTH STREET.—FLAGGING AND CURBING. Area of assessment: Lots numbered 49, 50, 52 and 54 to 56, inclusive, of Block No. 189.

ONE HUNDRED AND THIRTY-SEVENTH STREET.—FLAGGING AND CURBING, north side, between Lenox and Seventh avenues. Area of assessment: Lots numbered 1 and 5 to 9, inclusive, of Block No. 2006.

ONE HUNDRED AND FORTY-SECOND STREET.—FLAGGING AND CURBING, north side, between Seventh and Eighth avenues. Area of assessment: Lots numbered 9 to 12, inclusive, of Block No. 2028.

—that the same were confirmed by the Board of Assessors on February 13, 1900, and entered on the same date in the Record of Titles of Assessments Confirmed, 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 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 cent. per annum, to be calculated from the date of such entry to the date of payment."

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, 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 April 14, 1900, 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 cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 17, 1900.

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 BROOKLYN:

TWENTY-FOURTH WARD.

PARK PLACE.—GRADING, between Troy and Schenectady avenues. Area of assessment: Both sides of Park place, between Troy and Schenectady avenues, and to the extent of half the blocks on the terminating avenues.

—that the same was confirmed by the Board of Assessors on Feb. 13, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, 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 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 cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is 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 Municipal Building, 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 April 14, 1900, 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 cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 10, 1900.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Annual subscription, \$9.30, postage prepaid.

WILLIAM A. BUTLER,
Supervisor.

DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS,
ARSENAL, CENTRAL PARK,
BOROUGH OF MANHATTAN, CITY OF NEW YORK,
February 16, 1900.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder or bidders indorsed thereon, will be received by the Park Board, at its offices, Arsenal Building, Sixty-fourth street and Fifth avenue, Central Park, New York City, until 11 o'clock A. M. of

THURSDAY, MARCH 1, 1900.

for materials required in the Borough of Brooklyn, as follows:

- No. 1. FURNISHING AND DELIVERING CRUSHED TRAP ROCK AND TRAP ROCK SCREENINGS.
 - No. 2. FURNISHING AND DELIVERING MARCELLUS SHALE-SANDSTONE SCREENINGS.
 - No. 3. FURNISHING AND DELIVERING BLUE LIMESTONE SCREENINGS.
 - No. 4. FURNISHING AND DELIVERING ONE TWELVE-TON STEAM ROAD-ROLLER.
- No. 1. ABOVE MENTIONED.
2,000 cubic yards of Trap Rock, size ½-inch to 1½-inch, to be delivered on Fort Hamilton avenue, between Coney Island avenue and Ocean avenue.
3,500 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Glenmore avenue, between Stone avenue and Enfield street.
1,750 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Pitkin avenue, between Stone avenue and East New York avenue.
700 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Eastern Parkway Extension, between Bushwick avenue and Fulton street.
1,200 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Fort Hamilton avenue, between Gravesend avenue and Thirty-ninth street.

620 cubic yards of Trap Rock, size ½-inch to 1½-inch, to be delivered on Bay parkway (Twenty-second avenue), between Gravesend avenue and Sixtieth street.

90 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Ocean parkway, below Avenue L.

1500 cubic yards of Trap Rock, size ¾-inch to 1½-inch, to be delivered on Fort Hamilton avenue, between Ocean avenue and Coney Island avenue.

1,700 cubic yards of Trap-rock Screenings, to be delivered on Glenmore avenue, between Stone avenue and Enfield street.

800 cubic yards of Trap-rock Screenings, to be delivered on Pitkin avenue, between Stone avenue and East New York avenue.

400 cubic yards of Trap-rock Screenings, to be delivered on Stone avenue, between Dean street and Dumont avenue.

300 cubic yards of Trap-rock Screenings, to be delivered on Eastern Parkway Extension, between Bushwick avenue and Fulton street.

750 cubic yards of Trap-rock Screenings, to be delivered on Fort Hamilton avenue, between Gravesend avenue and New Utrecht avenue.

750 cubic yards of Trap-rock Screenings, to be delivered on Bay parkway (Twenty-second avenue), between Gravesend avenue and Sixtieth street.

1,200 cubic yards of Trap-rock Screenings, to be delivered on Ocean parkway, between Coney Island avenue and Coney Island.

750 cubic yards of Trap-rock Screenings, to be delivered on Fort Hamilton avenue, between Ocean avenue and Coney Island avenue.

The above to be delivered at such times and in such quantities as may be directed.

The amount of security required is Twelve Thousand Dollars.

No. 2. ABOVE MENTIONED.
400 cubic yards of Marcellus Shale Sandstone Screenings, to be delivered on Eastern Parkway Extension.

800 cubic yards of Marcellus Shale Sandstone Screenings, to be delivered on Fort Hamilton avenue.

800 cubic yards of Marcellus Shale Sandstone Screenings, to be delivered on Bay parkway (Twenty-second avenue).

2,000 cubic yards of Marcellus Shale Sandstone Screenings, to be delivered on Ocean parkway.

800 cubic yards of Marcellus Shale Sandstone Screenings, to be delivered on Fort Hamilton avenue, between Ocean avenue and Coney Island avenue.

The above to be equal in quality to the stone taken from the beds near Matamoras, Pike County, Pennsylvania, and to conform to samples of the same on exhibition at the Litchfield Mansion, Prospect Park, Brooklyn.

The screenings to be delivered at such times and in such quantities as may be directed.

The amount of security required is Six Thousand Dollars.

No. 3. ABOVE MENTIONED.
1,200 cubic yards of Blue Limestone Screenings, to be delivered at such times and in such quantities as may be required on the Ocean parkway Bicycle Paths.

The amount of security required is One Thousand Dollars.

No. 4. ABOVE MENTIONED.
One Twelve-ton Steam Road Roller.

The Steam Road Roller to be furnished is to be of the single cylinder type and is to be in all respects equal to the roller known as the "Oastler" Steam Road Roller.

Detailed specifications for the roller required may be seen at the Litchfield Mansion, Prospect Park, Brooklyn.

The roller to be delivered on or before the 1st day of April, 1900.

The amount of security required is Twelve Hundred Dollars.

THE CONTRACTS MUST BE BID FOR SEPARATELY, BIDDERS MUST NAME A PRICE FOR EACH AND EVERY ITEM INCLUDED IN THE SPECIFICATIONS UPON WHICH THESE BIDS ARE BASED, AND ALSO STATE THE TOTAL AMOUNT OF THEIR BIDS.

Bidders, or their representatives, must satisfy themselves, by a personal examination of the samples of materials mentioned in the specifications, as to the nature and quantity of the materials required, and shall not at any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding relative to the nature or quantity of the materials to be furnished.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of The City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety; the adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded.

If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by The City of New York as liquidated damages for

Screws, about	8,190 pounds.
10. Boiler-plate Armatures, Bands, etc., about.....	10,840 "
11. a. Cast-iron Mooring-posts, weighing about 1 1/2 pounds each,	2
b. Cast-iron Mooring-posts, weighing about 900 pounds each.....	16
12. Cast-iron Cleats, weighing about 165 pounds.....	2
13. Cast-iron Pile Shoes, about.....	5,000 pounds.
14. 1/2" Chain, about	64 feet.
15. Galvanized 3/4-inch Staples, about.....	58 pounds.
16. Tar Paper, 3-ply, about.....	4,370 sq. feet.
17. Materials for Painting, Oiling, Tarring, and Asphaltic Cement.	
18. Labor of every description, for about 40,166 square feet of pier.	

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1. Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2. Bidders will be required to complete the entire work to the satisfaction of the Board of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the receipt of a notification from the Engineer-in-Chief of the Department of Docks and Ferries that the work, or any part of it, is ready to be begun, and all the work to be done under this contract (except about 10 feet of the inshore end of the pier, which may not be constructed until the bulkhead-wall is constructed by the Department of Docks and Ferries) is to be wholly completed on or before the expiration of one hundred and ten days after the date of service of said notification, and the said 100 feet are to be completed within forty-five days after notice shall be given to the contractor by the said Engineer-in-Chief of the Department of Docks and Ferries that work on the said 100 feet may be begun; and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

It is the intention of the Board of Docks to deposit rip-rap over the outer end of the pier site, along the easterly and westerly sides and across the outer end of the pier, and also for the foundation-piles in the inner portion of the pier. This work may or may not be done in whole or in part during the progress of the pier construction; and, if so ordered by the Engineer, the contractor will suspend work on the pier to permit the Department to deposit rip-rap, in which case due allowance will be made the contractor for any delay thereby occasioned in making the final estimate for time of completion of this contract.

Where the City of New York owns the wharf, pier or bulkhead at which the materials under this contract are to be delivered, and the same is not leased, no charge will be made to the contractor for wharfage upon vessels conveying said materials.

Bidders will state in their estimates a price for the whole of the work to be done in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work and whose estimate is regular in all respects.

THE RIGHT TO REJECT ALL THE BIDS IS RESERVED IF DEEMED FOR THE INTEREST OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Board, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Board.

Dated, NEW YORK, January 26, 1900.

J. SERGEANT CRAM,
CHARLES F. MURPHY,
PETER F. MEYER,
Commissioners composing the Board of Docks.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
NEW YORK, February 16, 1900.

SEALED PROPOSALS FOR FURNISHING Department with ONE GAMEWELL MANUAL TRANSMITTER, or equal thereto, for the office of the Fire Alarm Telegraph Branch, Borough of Manhattan, will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Borough of Manhattan, in The City of New York, until 10.30 o'clock A. M.

WEDNESDAY, FEBRUARY 22, 1900,

at which time and place they will be publicly opened by the head of said Department and read.

The amount of security required is Twenty-five Hundred Dollars (\$2,500), and the time for delivery ninety days.

No estimate will be considered unless accompanied by either a certified check upon one of the 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 security required. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at Ten (10) Dollars.

No estimate will be received or considered after the hour named.

The form of the agreement, with specifications showing the manner of payment, may be seen and forms of proposals and any further information required may be obtained at the office of the Department.

The Fire Commissioner reserves the right to decline any and all bids or estimates if deemed to be for the public interest.

JOHN J. SCANNELL,
Commissioner.

HEADQUARTERS FIRE DEPARTMENT,
NEW YORK, February 9, 1900.

SEALED PROPOSALS FOR FURNISHING ANTHRACITE COAL IN THE BOROUGH OF BROOKLYN AND QUEENS, VIZ.:

1,200 Tons Egg Size,
300 Tons Broken Size.
—will be received by the Fire Commissioner at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the Borough of Manhattan, in The City of New York, until 10.30 o'clock A. M.,

WEDNESDAY, FEBRUARY 21, 1900,

at which time and place they will be publicly opened by the head of said Department and read.

The coal is to be free-burning, of the first quality of either of the kinds known and mined as follows: "Lackawanna," by New York, Ontario and Western Railroad, or any other free-burning coal.

—all to weigh 2,000 pounds to the ton, and be well screened and free from slate.

The bidder must name the particular kind of coal he proposes to furnish and state where and by whom it is mined.

All of the coal is to be delivered at the various houses and the fire-boats of the Department in the Boroughs of Brooklyn and Queens, in such quantities and at such times as may be from time to time directed, and the same is to be weighed in the presence of a Weighmaster designated for that purpose by the Department. All as more fully set forth in the specifications to the contract, to which particular attention is directed.

No estimate will be received or considered after the hour named.

Bidders must write out the amount of their estimate in addition to inserting the same in figures, stating the price per ton for each size and the total amount.

The form of the agreement, with specifications, showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of Three Thousand Dollars (\$3,000).

No estimate will be considered unless accompanied by either a certified check upon one of the 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 security required. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

The Fire Commissioner reserves the right to decline any and all bids or estimates, if deemed to be for the public interest.

JOHN J. SCANNELL,
Commissioner.

HEADQUARTERS FIRE DEPARTMENT,
NEW YORK, February 9, 1900.

SEALED PROPOSALS FOR FURNISHING this Department with the Fire Hose below specified will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Borough of Manhattan, in The City of New York, until 10.30 o'clock A. M.

WEDNESDAY, FEBRUARY 21, 1900,

at which time and place they will be publicly opened by the head of said Department and read.

Boroughs of Manhattan and The Bronx.
1. Four thousand (4,000) feet Rubber and Duck Woven, 3 1/2-inch, Fire Hose, "White Star Special" brand or equal thereto.

The amount of security required is Four Thousand Four Hundred (4,400) Dollars, and the time for delivery thirty days.

No estimate will be considered unless accompanied by either a certified check upon one of the 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 security required. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at Ten (10) Dollars.

No estimate will be received or considered after the hour named.

The form of the agreement, with specifications, showing the manner of payment for the hose, may be seen and forms of proposals may be obtained at the office of the Department.

The Fire Commissioner reserves the right to decline any and all bids or estimates if deemed to be for the public interest.

JOHN J. SCANNELL,
Commissioner.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
PROPERTY CLERK'S OFFICE, ROOM 9,
NEW YORK, February 14, 1900.

PUBLIC NOTICE IS HEREBY GIVEN THAT the following horses will be sold at public auction, at the salesroom of Messrs. Van Tassel & Kearney, No. 130 East Thirteenth street, on

TUESDAY, FEBRUARY 27, 1900,

at 10 A. M.,
Twenty-ninth Precinct—
"Abe," No. 78.
Thirty-seventh Precinct—
"Jupiter," No. 150.
Thirty-eighth Precinct—
"Billy," No. 172.
Thirty-ninth Precinct—
"Dick," No. 139.
Fortieth Precinct—
"Sam," No. 221.
Forty-first Precinct—
"Guck," No. 43.
Sixty-ninth Precinct—
"Jim," No. 326.
Seventy-third Precinct—
"Billy," No. 63.

By order of the Board of Police Commissioners,
ANDREW J. LALOR,
Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with Stationery and Printing for election purposes will be received at the Central Office of the Department of Police, in The City of New York, until 2 o'clock P. M. of

WEDNESDAY, THE 28TH DAY OF FEBRUARY, 1900.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimates for Furnishing Stationery and Printing for Primary Election," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the estimates received will be publicly opened by the head of said Department and read, and the award of the contract made to the lowest bidder, with adequate security, as soon thereafter as practicable.

For particulars as to the quantity and kind of stationery and printing required, reference must be made

to the specifications, blank forms of which may be obtained at the office of the Superintendent of Elections of The City of New York in the Central Department.

Bidders will state a price for the work and material furnished in accordance with the specifications. The price must be written in the bid and stated in figures.

Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids should it be deemed prejudicial to the public interests.

No estimates will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The entire quantity of stationery and printing is to be put up in boxes and delivered at such times and places, and in such quantities in each place, as shall be directed by the Superintendent of Elections of The City of New York.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law in the sum of Three Thousand Dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract, and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise, and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of The City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

No estimate will be received or considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

The Board of Police reserves the right to reject all the bids received if deemed for the best interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received.

Samples of stationery and printing required may be examined and blank forms for estimates may be obtained by application to the Superintendent of Elections of The City of New York, at his office in the Central Department.

By order of the Board,
WILLIAM H. KIPP,
Chief Clerk.

Dated, NEW YORK, February 14, 1900.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
PROPERTY CLERK'S OFFICE, ROOM 9,
NEW YORK, February 14, 1900.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Forty-third Auction Sale of Police and unclaimed property will be sold at public auction

WEDNESDAY, FEBRUARY 22, 1900,

at 11 A. M., at Police Headquarters, No. 300 Mulberry street, consisting of the following property, viz.:

Clothing, Laundry, Horse Blankets, Harness, Push Carts, Wheelbarrow, Hardware, Metal, etc.

For particulars, see catalogue on day of sale.

Respectfully,
ANDREW J. LALOR,
Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with eight hundred tons of best quality of Anthracite Coal, for use on the steamboat "Patrol," will be received at the Central Office of the Department of Police, in The City of New York, until 2 o'clock P. M. of

WEDNESDAY, THE 28TH DAY OF FEBRUARY, 1900.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for Furnishing Coal for Steamboat," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the estimates received will be

publicly opened by the head of said Department and read.

For particulars as to the quality, kind, quantity and size of coal required and time of delivery, reference must be made to the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department.

Bidders will state the kind of anthracite coal they propose to furnish by giving the name of its mine or other business appellation.

The attention of bidders is called to the following provisions of the contract: "And it is hereby expressly agreed by and between the parties to this contract that the said parties of the second part may and they are hereby authorized to increase or diminish the amounts of coal required to be furnished herein by an amount not to exceed 10 per cent, without compensation to the said party of the first part other than the prices per ton herein agreed upon to be paid for the amount actually furnished under this agreement."

Bidders will state the price per ton of two thousand two hundred and forty pounds for the coal to be delivered. The price must be written in the bid and stated in figures. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

No estimates will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law in the sum of Two Thousand Dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of The City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

No estimate will be received or considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Blank forms for estimates may be obtained by application to the undersigned at his office in the Central Department.

By order of the Board,
WILLIAM H. KIPP,
Chief Clerk.

NEW YORK, February 13, 1900.

POLICE DEPARTMENT—CITY OF NEW YORK,
BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY PROPERTY CLERK of the Police Department of The City of New York—Office, Municipal Building, 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 money taken from prisoners and found by Patrolmen of this Department.

CHARLES D. BLATCHFORD,
Deputy Property Clerk.

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.

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 money taken from prisoners and found by Patrolmen of this Department.

ANDREW J. LALOR,
Property Clerk.

DEPARTMENT OF SEWERS.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,
Nos. 13 to 21 PARK ROW,
NEW YORK, February 15, 1900.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and a

the name of the bidder indorsed thereon, will be received at this office until

WEDNESDAY, FEBRUARY 28, 1900,

at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read.

For the following work in the

Borough of Brooklyn.

No. 1. SEWER IN SEVENTY-FOURTH STREET, between Third and Fourth avenues, and in FOURTH AVENUE, west side, between Seventy-fourth and Seventy-ninth streets.

No. 2. SEWER IN SEVENTY-FIFTH STREET, between Third and Fourth avenues.

No. 3. SEWER IN SEVENTY-FIFTH STREET, between Fourth and Fifth avenues.

No. 4. SEWER IN BAY ELEVENTH STREET, between Bath and Benson avenues, and in BENSON AVENUE, between Bay Tenth and Bay Eleventh streets.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be included in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of the deposit will be returned to him.

THE COMMISSIONER OF SEWERS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bids or estimates, the proper envelopes in which to inclose the same, and any further information desired, can be obtained at the office of the Deputy Commissioner of Sewers, Municipal Building, Borough of Brooklyn.

JAS. KANE,
Commissioner of Sewers.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,
Nos. 11 to 21 PARK ROW,
NEW YORK, February 2, 1900.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, will be received at this office until

WEDNESDAY, FEBRUARY 28, 1900,

at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read.

For the following work in the

Borough of Brooklyn.

SEWERS IN FORT HAMILTON AVENUE, from Sixty-second street to Sixtieth street; in SIXTIETH STREET, from Fort Hamilton avenue to Fourteenth avenue, and in FOURTEENTH AVENUE, from Sixtieth street to Forty-first street.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be included in a sealed envelope containing the estimate, but must be

handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of the deposit will be returned to him.

THE COMMISSIONER OF SEWERS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bids or estimates, the proper envelopes in which to inclose the same, and any further information desired, can be obtained at the office of the Deputy Commissioner of Sewers, Municipal Building, Borough of Brooklyn.

JAS. KANE,
Commissioner of Sewers.

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION—CITY OF NEW YORK,
BOROUGH OF MANHATTAN AND BRONX,
February 8, 1900.

PROPOSALS FOR FURNISHING MISCELLANEOUS ARTICLES TO BE DELIVERED AT ONCE.

SEALED BIDS OR ESTIMATES FOR FURNISHING MISCELLANEOUS ARTICLES, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in the City of New York, until 11 A. M.,

FRIDAY, FEBRUARY 23, 1900.

All goods to be delivered at once on Dock foot of East Twenty-sixth street for Blackwell's Island storehouse, free of all expense, and quantities allowed as received there.

REQUISITION No. 2.

Line. *Blackwell's Island Stable.*

17. 1 gallon Hot Oil.
18. 1 gallon Harness Oil.
21. 1 bar Castile Soap.

Penitentiary.

27. 10,000 Shoe Tubular Rivets, Japanned No. 1, 4-16.
29. 1/2 gross Straight Fine Awns for Sewing Shoe Uppers.
30. 1 dozen No. 5 Knife Blades for Trimming Shoes.

33. 1 1-pound can Rose Lake Red Ink.
34. 1 1-pound can Fish Blue.
35. 1 1-pound can Bronze Blue Ink.
36. 1 roll Black Electric Tape for covering wire.
37. 1 Baxter Pump, double action, Fig. 817, size 2.

38. 5 pounds Pump Leather, not less than 6 inches square.
39. 1 package Sink Bolts, about 3 inches long.
40. 1 box each Brass Safety Chains, 5 and 10.
41. 1 dozen each 8-inch and 10-inch Hack Saw Blades, Star brand.

42. 1/2 gross each Gate Hooks and Eyes, 2-inch, 2 1/2-inch and 4-inch.
43. 1/2 dozen Compass Saws.
44. 1 doz n Loose Pin Butts, 3 inches by 3 inches.

45. 1 dozen Loose Pin Butts, 4 inches by 4 inches.
46. 1 dozen Key Blanks (thin) for mortise locks.
47. 1 dozen Spiral Springs, 10 inches.
48. 1/2 dozen Spiral Springs, 15 inches.
49. 1/2 dozen Reversible Springs, 3 1/2 inches by 1 1/2 inches, double action.

50. 1 doz n Bolts, common round outside, 6 inches long.
51. 1/2 dozen Countersinks for woodwork.
52. 6 bundles 1/2-inch Round Iron.
53. 2 bundles 1/2-inch Round Iron.
54. 10 pounds each 1/4-inch and 3/8-inch Washers.

55. 2 bundles 1/2-inch Band Iron, 3-16 inch thick.
56. 1 package Carriage Bolts, 1/2 inch by 5-15 inch.
57. 5 gallon White Shellac.
58. 3 gallons Wood Alcohol.
59. 5 pounds English Vermilion, dry.
60. 300 pounds Patent Dryer, in oil.
61. 5 gallons Naphtha.
62. 300 pounds French White Zinc.

64. 1 dozen 3-inch Flat Camel's Hair Brushes.
65. 1 dozen each Upholsterers' Needles 13 inches and 18 inches, pointed on both ends.
66. 1 box Glass, 12 inches by 15 inches, Double Thick.

67. 3 lights Glass, 22 inches by 28 inches, Double Thick.
68. 1 dozen 3-inch Yale Spring Padlocks.
69. 1 dozen Scythe Handles.
70. 1/2 dozen Pruning Shears.
71. 1/2 dozen Garden Trowels.
72. 1 Pruning Saw.
73. 1 Hand Saw.
74. 1 dozen Rat Traps.
75. 1/2 dozen Spring Traps, No. 3.
76. 1/2 dozen Brass Coupling Hydrant Reducers to 1 inch.

77. 1 Parker's Swivel Coach Vise, No. 4600, steel jaws, 4 inches, to open 8 inches or 6 inches.
79. 3 Hair Clippers, to be repaired.
80. 6 boxes Glass, double thick, 1 box each, 8-inch by 10-inch, 9-inch by 11-inch, 10-inch by 12-inch, 16-inch by 18-inch, 12-inch by 22-inch, 2-inch by 46-inch.

Workhouse.
85. 1/2 dozen Scandinavian Padlocks, No. 983.
86. 1 dozen F B Files, 4 of 4-inch, 4 of 6-inch, 4 of 8-inch.
87. 1/2 dozen Half-round Files, 3 of 4-inch, 3 of 6-inch, 3 of 8-inch.
88. 1 dozen Flat Lock Files, 4 of 3-inch, 4 of 4-inch, 4 of 6-inch—1-32 inch thick.
92. 1/2 dozen Sargent & Co's U. S. Double Plane Irons, 2 of 2-inch, 2 of 2 1/4-inch, 2 of 2 1/2-inch.

93. 1/2 dozen Straight Trimmers, 11-inch.
94. 1/2 dozen Chimeys for O Miller Lamps.
95. 400 Black Slates, 200 of 24 inches by 12 inches, 200 of 9 inches by 18 inches.
99. 1 set Slating Tools—hamm r, stake and ripper.
100. 5 gallons Outside Varnish.
101. 1 barrel Benzine.
102. 1 dozen Low-ill Mfg. Co. 4-hole Mouse Traps.
103. 1 piece 4-1/4 White Marbleized Table Oil-cloth.

104. 2 each Auger Bits, 4-16, 6-16, 7-16, 8-16, 9-16, 10-16, 11-16 inch.
105. 2 Mason's Stone Hammers, 9 lbs. ea. h.
106. 1 16-pound Quarry Sledge Hammer, with handle.
107. 3 dozen No. 40 Steel Wire Gate Hooks and Eyes, 1 dozen 2-inch, 1 dozen 2 1/2-inch, 1 dozen 3-inch.
108. 1 doz n pairs 6-inch Strap Hinges.
109. 1/2 dozen springs for Iver Johnson's Revolvers, as per cut.
110. 1/2 gallon Black Indelible Ink.
114. 1 dozen Dietz Tubular Lanterns, complete.

115. 9,300 superficial feet Extra Clear Georgia Yellow Pine Flooring, 1 1/4 inches by 3 1/2 inches, Tongued and Grooved, free from sap, knots and shakes, and to be straight comb grained and well seasoned, on edge 15 to 25 feet, none less than 12 feet.

City Prison.

123. 6 balls A-bestos Packing for Valves.
127. 100 feet 3/4-inch Wrought-Iron Pipe.
128. 2 dozen 1-inch Malleable-Iron Elbows.
129. 1/2 dozen each Bushings, 1-inch to 3/4-inch, 3/4-inch to 1/2 inch, 1/2-inch to 3/8-inch.
130. 1 each solid Die, 1-inch, 3/4-inch and 1/2-inch—2 1/2 inches square, 3/4-inch thick.

131. 3 each Pipe Cutter Wheels, No. 1 and No. 2.
132. 1 doz n pair 8-inch Straps.
133. 1 dozen pair 8-inch T Straps.
134. 1 dozen Brass Drawer Locks.
135. 1 dozen Balls Sewing Cord for Canvas Cots.
137. 100 feet 1/4-inch Clear Pine, 12 inches wide.
138. 100 feet 1 1/2-inch Clear Pine, 12 inches wide.

144. 150 feet Garden Hose, with Nozzle, complete, Second District.
145. 5 gallons Crude Carbolic, Second District.
146. 1 pair Tinsmith's Snips, No. 7, Second District.

148. 5 gallons Crude Oil, Third District.
149. 5 gallons Crude Carbolic, Third District.
150. 1 Coffee Mill, No. 3, Fourth District.
151. 1/2 dozen 5/8-inch Brass Faucets, to screw on iron pipe, Fourth District.
152. 1 2-quart Agate Coffee Pot, Fourth District.

Schools.
164. 2 dozen Chimneys, as sample, "Minna-hanock."
165. 1 dozen B Bulb Burners, "Minna-hanock."
166. 2 dozen B Bulb Chimneys, "Minna-hanock."
167. 2 dozen Brass Cup Hooks, "Mi nahanonck."
168. 1 coil 12-thread Tarred Ratline, "Minna-hanock."

169. 1/2 dozen straight shanked Steel Cotton Hooks, "Minna-hanock."
170. 150 feet 6-1/2" Wired Rubber Hose, with Rubber Nozzle and Couplings, complete, "Minna-hanock."
171. 1/2 dozen Coppered Wire Toilet-paper Holders, "Minna-hanock."
172. 2 White Oil Cloth Table-cloths, 8 feet by 5 feet, "Minna-hanock."

174. 1 large Frying Pan, "Minna-hanock."
175. 2 long-handled Cooking Spoons, "Minna-hanock."
176. 1 Soup Ladle, "Winnahanonck."
180. 3 dozen B. Pinafore Chimneys, "Strong."

Storehouse.
186. 500 each, Paper Bag, 1/2, 1, 2, 4, 6 and 8-pound, quality as sample.
187. 1,000 each, Paper Bags, 12, 15, 20, 25 and 30-pound, quality as sample.

GARDENERS' REQUISITION FOR SEEDS.
Penitentiary.
5 pounds Yellow Danvers Onions.
5 pounds Red Globe Onions.
3 pounds White Large Globe Onions.
1 bushel Red Top Onion Set Onions.
1 peck Round Vine-leaf Peck Spinach.
5 pounds Large Flat Water Lettuce.
1 pound Lettuce, Market Gardeners' Private Stock.
1 pound Lettuce, Early Curled Simpson.
1/2 pound Lettuce, Triumphant.
1/2 pound Cabbage, Express Early.
1/2 pound Cabbage, Succession Improved.
1/2 pound Cabbage, Large Late Drumhead.
1/2 pound Cabbage, Savoy, Thorburn's New Stock Drumhead.

1/2 pound Cauliflower, Thorburn's Gilt Edge.
1/2 pound Cauliflower, Large Jersey Wakefield.
1/2 pound Carrots, Danvers Half Long.
3 pounds Parsnips, Long White.
5 pounds Beets, Victoria.
5 pounds Beets, Dell.
5 pounds Radish, Early French Scarlet.
5 pounds Radish, Scarlet, White-tipped.
3 pounds Radish, Scarlet.
1 peck Beans, Wax Refugee.
1 peck Beans, Black Wax.
1/2 peck Beans, Lima Challenge, large.
1 peck Peas, Early Market.
1 peck Peas, American Wonder.
4 ounces Celery, Fin de Siecle.
4 ounces Celery, Crawford's Half Dwarf.
4 ounces Celery, Thorburn's Giant.
1/2 pound Parsley, extra curled.
1/2 pound Parsley, plain.
1/2 pound Pepper, Ruby King.
1/2 pound Pepper, Long Red Cayenne.
1/2 pound Squash, Early White Scallop.
1/2 pound Squash, Mammoth Chili.
1/2 pound Tomatoes, Ponderosa.
1/2 pound Tomatoes, Atlantic Prize.
1/2 pound Turnips, Early Milan White.
3 pounds Turnips, Ruta Baga.
1/2 pound Musk Melon, Long Island Beauty.
1/2 pound Musk Melon, Rock Ford.
1 peck Corn, Early Cory.
1 peck Corn, Late Mammoth.
1 peck Corn, Stowell's Evergreen.
1/2 pound Scotch Kale, Curled Dwarf.
1/2 pound Brussel Sprouts.
1/2 pound Water Melon.
1/2 pound Cucumber, white spined.
1/2 pound Egg Plant.
1/2 pound Pumpkin, Large Cheese.
6 bushel Lawn Grass Seed.

Workhouse.
1 peck Beans, Black Wax Challenge.
1 peck Beans, Thorburn's Valentine Wax.
1 peck Beans, Extra Early Refugee Wax.
1 peck Beans, Late 1,000 to 1.
1 peck Beans, Dwarf Lima Kinnerie Strain.
2 pounds Beets, Extra Early Egyptian.
2 pounds Beets, Early Blood Turnip.
1 pound Beets, Black Queen.
1/2 pound Carrots—Early Round Parisian.
1/2 pound Carrots—Half Long Nantes Strain.
1/2 pound Carrots—Early Scarlet Horn.
1/2 peck Corn—Early Cory.
1 peck Corn—Late Mammoth.
3 pounds Onions—Large Globe Yellow, Southport Strain.
3 pounds Onions—Large Globe Red, Southport S. strain.
2 pounds Onions—Large Globe White, Southport Strain.
3 pounds Parsnips—Thorburn's Long Hollow Crown.
1 peck Peas, Thorburn's Extra Early Market.
1 peck Peas, American Wonder.
1 peck Peas, McLellan's Blue Peter.
1 pound Radish, Early French Scarlet Turnip.
1 pound Radish, Olive French Breakfast.
1 pound Radish, Scarlet White Tipped.
1/2 pound Radish, Half Long Spanish.
5 pounds Spinach, Viroflay.
5 pounds Spinach, Long Standing.
5 pounds Spinach, Prickly or Winter.
1/2 pound Squash, Early White Scallop Bush.
1/2 pound Squash, Hubbard.
1/2 pound Tomatoes, Dwarf Champion.
1 ounce Egg Plant, Improved New York Purple.
1 pound Kale, Dwarf, Green Scotch.
1/2 pound Kale, Fall, Green Scotch.
1/2 pound Kale, Dwarf, Brown.
1/2 pound Kohlrabi, Early Purple Vienna.
1/2 pound Lettuce, Thorburn's Market Gardener.
1/2 pound Lettuce, Mammoth Butter.
1/2 pound Lettuce, Early Curled Simpson.
3 pounds Leeks, Long's Caranten.
1/2 pound Musc Melon, Long Island Beauty.
1/2 pound Parsley, Extra Curled.
1/2 pound Parsley, Fern Leaved.
1/2 pound Parsley, Curled Moss.
1 ounce Pepper, Ruby King.

1 ounce Pepper, Large Squash.
1/2 pound Cabbage, Early Jersey Wakefield.
1/2 pound Cabbage, Stein's Early Flat Dutch.
1/2 pound Cabbage, Large Late Drumhead.
1 ounce Cabbage, Thorburn's Improved Stonehead.
1 ounce Cabbage, Early Dwarf Savoy.
1 ounce Brussel Sprouts, Improved Half Dwarf.
2 pounds Turnips, Thorburn's Improved Ruta Baga.
1/2 pound Turnips, Purple Top Munich.
1 ounce Cauliflower, Thorburn's Gilt Edge.
1 ounce Cauliflower, Large Algiers.
1/2 pound Celery, Thorburn's Fin de Siecle.
1/2 pound Celery, Improved White Plume.
1/2 pound Celery, Celeric Thorburn's Giant.
1/2 pound Cucumbers, Extra Long White Spined.
1 package Thyme.
1 package Sage.
1 package Sweet Marjoram.
3 bushels Grass Seed, Thorburn's Lawn Restoring.

IMPLEMENTS.
Workhouse.
1 Woodson's Single Cone Powder Bellows.
1 Planet, Jr., Grass Edger.
1 Planet, Jr., Double Wheel Hoe.
1 dozen Bushel Baskets.
400 feet 1-inch Garden Hose, with Nozzle, complete.
5 Lawn Mowers, to be repaired.
5 pounds Raffia.
400 2-inch Flower Pots.
100 8-inch Flower Pots.

REQUISITION No. 1.
Line.
190. 35 barrels Turpentine.
191. 15 bundles Bright Iron Wire, 3 bundles each, 6, 8, 10, 12, 14.
3 Blacksmith's Bellows, 5 feet 2 inches length, 3 feet wide.

No bonds or deposit required on bids under One Thousand Dollars. Awards will be made on the lowest items.

THE COMMISSIONER OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 419, CHAPTER 378, LAWS OF 1897.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will state the price for each article, by which the bids will be tested.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller in accordance with the terms of the contract, or from time to time as the Commissioner may determine.

The form of the contract, including specifications, and showing the manner of payment and other details, will be furnished at the office of the Department, No. 148 East Twentieth street, New York City, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will in no way be bound to enforce in every particular.

FRANCIS J. LANTRY,
Commissioner of Correction.