

# THE CITY RECORD.

## OFFICIAL JOURNAL.

VOL. XVI.

NEW YORK, TUESDAY, MARCH 27, 1888.

NUMBER 4,519



### HEALTH DEPARTMENT.

Report for the Quarter ending December 31, 1887.

HEALTH DEPARTMENT, No. 301 MOTT STREET, {  
NEW YORK, February 8, 1888. }

Hon. ABRAM S. HEWITT, Mayor, etc.:

SIR—I have the honor to transmit herewith the report of the Board of Health of the Health Department of the City of New York, for the quarter ending December 31, 1887.

Yours, very respectfully,

EMMONS CLARK, Secretary.

#### SANITARY BUREAU.

##### Summary of Work.

The following is a summary of the operations of the Sanitary Bureau, which is charged with the duty of inspecting and reporting in proper form all nuisances or causes of danger to the public health, with the execution of the orders of the Board, and with the care of contagious diseases, for the quarter ending December 31, 1887:

The number of inspections made by the Sanitary Inspectors and the Sanitary Police was 72,667.

The number of causes of complaint returned was 5,977.

The number of complaints received from citizens was 2,464, 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 instruction and authority of the Board, granted 606 permits to discharge cargoes, upon proper vouchers from the Health Officer of the Port; 615 permits to scavengers to empty privies; 54 permits to land rags (in bulk) under bonds; and 104 miscellaneous permits under the Sanitary Code.

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

Number of inspections made .....	12,901
" complaints made .....	1,820

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

##### Summary of Inspections.

Tenement-houses .....	2,488
Lodging-houses .....	108
Private dwellings .....	442
Other dwellings .....	113
Public buildings .....	17
Office buildings .....	13
Manufactories and workshops .....	212
Stores and warehouses .....	100
Stables .....	236
Slaughter-houses .....	628
Offensive trade buildings .....	13
Other buildings .....	66
Sunken and vacant lots .....	162
Public highways .....	30
Receiving-basins and public sewers .....	9
Dumps and dumping-grounds .....	3
Docks and piers .....	3
Stock yards .....	1
Smoke-houses .....	1

Total .....

Total re-inspections of same .....

Total inspections and re-inspections made .....

The reports received from the Sanitary Inspectors, classified as to causes of complaint, are as follows:

NATURE OF COMPLAINT.	Cause.	No Cause.	Total.	NATURE OF COMPLAINT.	Cause.	No Cause.	Total.
Uninhabitable dwellings .....	2	..	2	Overcrowding .....	9	9	18
Dangerous buildings .....	7	5	12	Dangerous structures .....	78	8	86
Offensive trade buildings .....	8	10	18	Stables .....	172	22	194
Slaughter-houses .....	4	..	4	Manure vaults .....	308	14	322
Mills .....	..	2	2	Public highways .....	13	2	15
Foundries .....	1	..	1	Repairs needed .....	812	47	859
Dye works .....	..	2	2	Cellars and basements .....	690	162	852
Stock yards .....	1	..	1	Privies and water-closets .....	1,663	216	1,879
Smoke-houses .....	4	3	7	Cesspools .....	164	14	178
Lakes .....	1	..	1	Chimneys .....	110	19	129
Streams .....	..	2	2	Croton water .....	101	68	169
Croton water-mains .....	1	1	2	Cows and other animals .....	17	5	22
Gas-mains .....	3	3	6	Fowls .....	20	3	23
Railroads .....	2	..	2	Piggeries .....	2	..	2
Dumps .....	1	..	1	Filth .....	964	167	1,031
Sunken and vacant lots .....	339	24	363	No housekeeper .....	8	1	9
Sewers and receiving-basins .....	12	2	14	Streets, gutters and sidewalks .....	62	8	70
Plumbing .....	1,823	366	2,189	Noise .....	1	2	3
Drainage .....	1,477	253	1,730	Ash and garbage receptacles .....	28	1	29
Ventilation .....	104	75	179				
Light .....	29	15	44	Totals .....	9,041	1,531	10,572

The whole number of citizens' complaints received from the Sanitary Bureau for investigation and report by the Sanitary Inspectors was .....

The whole number of citizens' complaints returned with a negative report was .....

The whole number of reports upon complaints, original and referred, which have been forwarded to the Sanitary Bureau for Board's orders was .....

The whole number of original complaints made by the Inspectors and forwarded to the Sanitary Bureau for the Board's orders was .....

The whole number of orders re-inspected and forwarded to the Sanitary Bureau for the Board's action was .....

—as follows: Attorney's orders, 2,290; orders not complied with, 1,040; orders complied with, 1,012.

The following is a summary of the work performed by the corps having charge of food and chemicals:

Number of inspections made .....	17,024
" complaints made .....	761

##### Milk Inspections.

Number of milk inspections made .....	2,734
" specimens examined .....	4,696
" analyses made .....	65
" complaints made .....	113
" days at Court and Central Office .....	152
" special day inspections made .....	58
" nights special work .....	13
" quarts of adulterated milk destroyed .....	2,768
" days in country or at laboratory .....	29
" arrests made .....	97
Number held on bail .....	81

Amount of fines collected at court .....

##### Special Inspections.

Number of inspections made .....	220
" re-inspections made .....	10
" complaints made .....	144
" analyses made .....	140

##### Fruit Inspections.

Number of inspections made .....	2,682
" complaints made .....	223
" days at Central Office .....	88
" pounds of assorted fruits seized and destroyed .....	239,464

##### Meat and Fish Inspections.

Condemned and Seized.	Pounds.	Carcasses.
Beef .....	23,158	210
Veal .....	35,532	1,003
Mutton .....	34,166	466
Pork .....	4,750	44
Poultry .....	55,537	..
Fish .....	91,902	..
Totals .....	245,045	1,723

Number of inspections made .....

" violations reported .....

Number of inspections made of markets .....	174
" " commission houses .....	1,660
" " butcher shops .....	1,066
" " slaughter-houses .....	1,450
" " packing-houses .....	151
" " stock yards .....	88
" " railroad depots .....	290
" " vessels .....	108

The following is a summary of the work performed by the Inspector of Offensive Trades:

Number of inspections made .....	539
" citizens' complaints investigated .....	8
" special reports forwarded .....	39
" days at Court or Central Office .....	26

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

Number of inspections made .....	42,203
" complaints made .....	3,388

The number of orders received, inspected and reported upon was 4,710, as follows:

Orders not complied with .....	2,550
" complied with .....	2,160

Number of lodging houses inspected .....	1,302
" tenement-houses inspected .....	31,044
" families in tenement-houses inspected .....	237,112
" inspections of manure dumps .....	182

## Nature of Complaints and Violations Reported by the Sanitary Police.

NATURE OF COMPLAINTS AND VIOLATIONS REPORTED.	NUMBER OF NUISANCES ABATED BY THE PERSONAL EFFORTS OF THE SANITARY POLICE INSPECTORS.	NUMBER OF COMPLAINTS MADE AND FORWARDED.	TOTAL.
School sinks out of order.....	790	118	908
Privy vaults full.....	.....	771	771
Privy vaults and privy houses out of repair.....	1	93	94
Privy houses filthy.....	714	205	919
Urinals filthy.....	57	193	250
Water-closets out of repair.....	19	459	478
No manure vaults, or out of repair.....	3	30	33
Stable yards filthy.....	22	48	70
Tenement-house halls filthy.....	138	179	317
Balusters and stairs dangerous.....	.....	293	293
Roofs leaking or filthy.....	177	499	676
Chimneys dangerous.....	6	82	88
Walls and ceilings filthy and out of repair.....	3	1,767	1,770
Stoops dangerous.....	1	50	51
Leaders, eaves and gutters broken.....	3	215	218
Yards filthy.....	1,459	319	1,778
Yard pavements out of repair.....	4	175	179
Areas filthy and dangerous.....	539	216	755
Skylights broken.....	2	89	91
Cellars filthy.....	1,198	754	1,952
Soil-pipes obstructed or defective.....	17	372	389
Waste-pipes obstructed or defective.....	1	.....	1
Sinks and water-pipes leaking.....	4	653	657
Sinks not trapped, waste-pipes unventilated.....	.....	342	342
Hydrants out of repair.....	.....	69	69
Sidewalks or gutters out of repair.....	3	58	61
Sidewalks or gutters filthy.....	75	23	98
Vault covers or gratings out of repair.....	.....	14	14
Ash-boxes in violation of Sanitary Code.....	105	84	247
Cesspools in violation of Sanitary Code.....	1	45	46
Fences dangerous.....	.....	19	19
Vacant lots not fenced, dangerous or filthy.....	1	65	66
Street pavements dangerous.....	.....	4	4
Street culverts obstructed.....	5	37	42
Cellar doors dangerous.....	.....	36	36
Fire-escapes filthy or obstructed.....	212	7	219
Cellars occupied as place of dwelling or lodging.....	13	57	70
Premises not sewer-connected.....	.....	55	55
Clothes-poles dangerous.....	.....	7	7
Flooring dangerous or filthy.....	8	105	113
Privy accommodations not sufficient.....	.....	26	26
Water-tanks defective or filthy.....	1	1	2
Pumps defective.....	.....	6	6
Ice boxes defective.....	.....	29	29
Window sills and blinds defective.....	.....	4	4
Cellar floors not water-tight.....	.....	13	13
Cellar ceilings not plastered.....	.....	611	611
Stables in a tenement-house.....	.....	19	19
Street obstructions.....	.....	1	1
Trees dangerous.....	.....	2	2
Air shafts filthy.....	67	43	110
Tenement-houses overcrowded.....	.....	15	15
Dogs kept on premises.....	1	17	18
Pigeons kept on premises.....	.....	23	23
Smoke-houses in cellars, no permit.....	.....	3	3
Manure vaults, no permit.....	.....	15	15
Fowls kept, no permit.....	6	46	52
Cows kept, no permit.....	.....	7	7
Goats kept, no permit.....	1	16	17
Totals.....	5,857	9,685	15,542

The number of dead animals removed from the streets of New York, and the quantity of offal removed from the markets and slaughter-houses of said city, by the contractor, was:

Horses.....	2,182	Cats and dogs.....	2,758
Cows.....	35	Hogs.....	5
Calves.....	175	Barrels of fish.....	71
Sheep.....	274	" eggs.....	26
Goats.....	49	Boxes of offal.....	3,717
Colts.....	3	" Bologna sausage.....	60

## WORK PERFORMED BY THE SUMMER CORPS.

The total number of inspections of tenement-houses was.....	38,740
" inspections of families in tenement-houses was.....	266,089
" sick treated in tenement-houses was.....	8,830

Of these the diseases were—

Diarrhoeal cases.....	4,056
Dysentery cases.....	184
Respiratory cases.....	1,193
Contagious cases.....	473
Miscellaneous cases.....	2,960

The number of revisits made to patients was.....	545
The number of minor nuisances that were abated was.....	5,247
The number of reports of unsanitary conditions requiring further inspection and orders of the Board was.....	923

The number of reports of contagious diseases which were forwarded to the Bureau for Contagious Diseases was.....

Of these the diseases were—	373
Diphtheria.....	82
Measles.....	51
Scarlet fever.....	32
Typhoid fever.....	14
Typhus fever.....	1
Cerebro-spinal fever.....	2
Contagious ophthalmia.....	2
Variola.....	3
Varicella.....	8
Pertussis.....	178
The number of circulars for the care of infants distributed was.....	23,064

## WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.

## Contagious Diseases Reported.

	FEVERS.				MEASLES.	DIPHTHERIA.	CEREBRO-SPINAL.	SMALL-POX.	TOTAL.
	Typhus.	Typhoid.	Scarlet.	Yellow.					
Cases.....	.....	311	1,297	.....	452	1,856	43	16	3,885
Deaths.....	.....	79	175	.....	53	572	36	5	920

## Work of the Disinfecting Corps.

ROOMS.		BEDDING BURNED.	PERSONS TO HOSPITAL.	BODIES TO MORGUE.	VISITS WITHOUT CAUSE.
Fumigated.	Disinfected.				
1,435	5,997	1	132	6	200

## Work of the Sanitary Inspectors.

	CASES VISITED.	HOUSES INSPECTED.	REPORTS AND COMPLAINTS FORWARDED.	REINSPECTIONS.	REVISITS TO OWNERS AND UNDERTAKERS.	VISITS, CENTRAL OFFICE.
Dr. Roberts.....	486	371	118	124	8	27
Dr. Lockwood.....	221	298	83	56	2	29
Dr. McCallum.....	463	391	216	203	15	28
Dr. Spencer.....	415	283	95	84	6	35
Dr. McLocklin.....	326	240	62	32	7	39
Dr. Ambrose.....	405	413	103	101	13	29
Dr. Mercereau.....	607	393	62	153	13	31
Dr. Blauvelt.....	391	304	197	275	9	46
Dr. Morris.....	437	350	173	138	19	39
Dr. Mackenzie.....	218	312	44	26	10	27
Dr. Parsons.....	277	275	26	9	23	22
Dr. Pease.....	130	.....	.....	.....	.....	.....
Dr. Linehan.....	104	.....	.....	.....	.....	.....
Dr. Johnson, Veterinarian.....	.....	330	4	.....	.....	30
Inspector of Vaccination.....	12	100	.....	22	.....	.....
Totals.....	4,495	3,980	1,185	1,223	125	364

Dr. Johnson, Veterinary Surgeon, has also performed the following duty:

Number of cattle examined.....	8,499
" horses examined.....	15
" horses killed (glanders).....	14
" cattle killed (pleuro-pneumonia).....	2
" cattle quarantined.....	6
" post-mortems held.....	2
" complaints forwarded.....	4

## Work of the Inspector of Vaccination.

	PRIMARY.	RE-VACCINATIONS.	TOTAL.
1. Dr. Livermore, schools.....	.....	5,485	5,485
2. Dr. Conover, ".....	.....	2,558	2,558
3. Dr. Dillingham, ".....	704	850	1,554
4. Dr. Doty, ".....	374	911	1,285
5. Dr. Disbrow.....	682	220	902
6. Dr. Banta.....	860	39	899
7. Dr. Brailly.....	729	163	892
8. Dr. Weston.....	698	132	830
9. Dr. Denison.....	715	114	829
10. Dr. Knickerbocker.....	680	142	822
11. Dr. Benedict.....	594	227	821
12. Dr. McMannis.....	737	47	779
13. Dr. George Smith.....	578	201	779
14. Dr. Samuel W. Smith.....	616	146	762
15. Dr. Olmsted.....	544	195	739
16. Dr. Cox.....	579	109	688
17. Dr. Sprague.....	446	210	656
18. Dr. Aspell.....	531	122	653
19. Dr. Taylor.....	430	181	611
20. Dr. McCann, special duty.....	274	273	547
21. Dr. Holman.....	352	31	383
22. Dr. Goldschmidt, office duty.....	194	6	200
23. Dr. Linehan, Sanitary Inspector.....	.....	155	155
Vaccinations in office.....	444	142	586
Totals.....	11,761	12,654	24,415



## Recapitulation.

Number of primary vaccinations.....	11,761
"    re-vaccinations.....	12,654
Total.....	24,415

Number of inspections of contagious diseases.....	4,495
"    inspections of infected houses.....	3,980
"    re-inspections of infected houses.....	1,223
"    complaints and reports forwarded.....	1,186

Amount received from sales of bovine vaccine virus and deposited with the City Chamberlain.....	\$556 75
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## WORK PERFORMED BY THE DIVISION OF PLUMBING AND VENTILATION.

Number of inspections made during quarter.....	14,287
"    complaints made during quarter.....	2,104

## Plumbing and Drainage.

Number of houses for which plumbing plans with specifications were received during the quarter.....	833
Number of plans and specifications for same which were examined and reported upon to the Board.....	388
Number of houses reported as begun during the quarter.....	456
"    houses reported as finished during the quarter.....	455
"    houses in course of construction at date.....	4,416
"    houses reported in violation of the law in respect to plumbing and drainage.....	1,267
"    violation notices issued to owners of same.....	467
"    houses on which violations were removed.....	896
"    inspections under the law regulating the plumbing and drainage of new houses.....	7,505
"    inspections of the plumbing and drainage of old houses.....	101
"    re-inspections.....	55

## Light and Ventilation of New Tenement-houses.

Number of tenement-houses for which light and ventilation plans were received during the quarter.....	368
Number of plans for same with specifications examined and reported to the Board.....	180
"    tenement-houses reported as begun during the quarter.....	356
"    tenement-houses reported as finished during the quarter.....	237
"    tenement-houses reported as in violation of the law.....	681
"    violation notices issued to the owners of same.....	272
"    houses on which violations were removed.....	275
"    tenement-houses reported in course of construction at date.....	1,878
"    inspections of tenement-houses in course of construction.....	6,626

## WILLARD PARKER HOSPITAL.

## Report for the Quarter ending December 31, 1887.

During this quarter one hundred and forty-three cases of scarlet fever and diphtheria were received at this hospital, an increase of ninety-two over the same quarter for 1886. Total cases treated, 172. Mortality, per cent., scarlet fever, 15.94; diphtheria, 25. Total mortality, per cent., 19.18.

## REMAINING IN HOSPITAL, OCTOBER 1, 1887.

	CLASS.				MALES.			FEMALES.			Total Males and Females.
	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Number.	Native.	Foreign.	Number.	Native.	Foreign.	
Scarlet Fever.....	7	..	..	..	3	..	3	4	1	3	7
Diphtheria.....	7	..	..	..	1	1	..	6	5	1	7
Totals.....	14	..	..	..	4	1	3	10	6	4	14

## ADMISSIONS.

Scarlet Fever.....	62	..	..	..	31	17	14	31	13	18	62
Diphtheria.....	79	..	..	2	42	29	13	39	25	14	81
Measles.....	7	..	..	..	3	1	2	4	..	4	7
Pertussis.....	7	..	..	..	3	3	..	4	3	1	7
Varicella.....	1	..	..	..	1	1	..	..	..	..	1
Totals.....	156	..	..	2	80	51	29	78	41	37	156

## DISCHARGES.

Scarlet Fever.....	40	..	..	..	19	6	13	21	6	15	40
Diphtheria.....	56	..	..	2	26	19	7	32	20	12	58
Measles.....	7	..	..	..	3	1	2	4	..	4	7
Pertussis.....	3	..	..	..	1	1	..	2	1	1	3
Totals.....	106	..	..	2	49	27	22	59	27	32	108

## DEATHS.

Scarlet Fever.....	11	..	..	..	5	4	1	6	4	2	11
Diphtheria.....	22	..	..	..	13	8	5	9	7	2	22
Totals.....	33	..	..	..	18	12	6	15	11	4	33

## REMAINING IN HOSPITAL JANUARY 1, 1888.

Scarlet Fever.....	18	..	..	..	11	7	4	7	4	3	18
Diphtheria.....	8	..	..	..	4	3	1	4	3	1	8
Pertussis.....	4	..	..	..	2	2	..	2	2	..	4
Varicella.....	1	..	..	..	1	1	..	..	..	..	1
Totals.....	31	..	..	..	18	13	5	13	9	4	31

## RECAPITULATION OF REPORT FOR QUARTER ENDING DECEMBER 31, 1887.

	REMAINING OCT. 1, 1887.		ADMITTED DURING QUARTER.		DISCHARGED DURING QUARTER.		DIED DURING QUARTER.		REMAINING JANUARY 1, 1888.				
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Native.	Foreign.	Total.
Scarlet Fever.....	3	4	31	31	19	21	5	6	11	7	11	7	18
Diphtheria.....	1	6	42	39	26	32	13	9	4	4	6	2	8
Measles.....	..	..	3	4	3	4	..	..	..	..	..	..	..
Pertussis.....	..	..	3	4	1	2	..	..	2	2	4	..	4
Varicella.....	..	..	1	..	..	..	..	..	1	..	1	..	1
Totals.....	4	10	80	78	49	59	18	15	18	13	22	9	31

## RIVERSIDE HOSPITAL, NORTH BROTHER ISLAND.

## Report for the Quarter ending December 31, 1887.

## SMALL-POX ADMISSIONS.

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Total.
Remaining September 30, 1887.....	5	1	..	..	4	2	3	3	6
October.....	5	..	..	..	..	5	5	..	5
November.....	6	2	..	..	4	4	5	3	8
December.....	3	2	..	1	5	1	1	5	6
Totals.....	19	5	..	1	13	12	14	11	25

## DISCHARGES.

October.....	4	..	..	..	3	1	3	1	4
November.....	8	1	..	..	2	7	6	3	9
December.....	1	3	..	..	3	1	..	4	4
Totals.....	13	4	..	..	8	9	9	8	17

## DEATHS.

October.....	2	..	..	..	..	2	2	..	2
November.....	2	..	..	..	1	1	2	..	2
December.....	..	..	..	..	..	..	..	..	..
Totals.....	4	..	..	..	1	3	4	..	4
Remaining December 31, 1887.....	2	1	..	1	4	..	1	3	4

## Nurses and children accompanying patients, 8.

## SCARLATINA ADMISSIONS.

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Total.
October.....	..	..	..	..	..	..	..	..	..
November.....	..	..	..	..	..	..	..	..	..
December.....	5	..	..	1	4	2	1	5	6
Totals.....	5	..	..	1	4	2	1	5	6

## DISCHARGES—None.

## DEATHS.

October.....	..	..	..	..	..	..	..	..	..
November.....	..	..	..	..	..	..	..	..	..
December.....	..	..	..	1	1	..	..	1	1
Totals.....	..	..	..	1	1	..	..	1	1
Remaining December 31, 1887.....	5	..	..	..	3	2	1	4	5

## RECEPTION HOSPITAL.

## Report for the Quarter ending December 31, 1887.

## ADMISSIONS.

	CLASS.				MALES.			FEMALES.			Total Males and Females.
	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Small-pox.....	15	4	..	1	4	5	9	8	3	11	20
Scarlatina.....	6	..	..	2	2	4	6	1	1	2	8
Rubeola.....	7	..	..	..	5	5	..	4	4	9	9
Diphtheria.....	13	..	..	..	6	6	7	..	7	13	13
Varicella.....	..	..	..	1	1	..	1	..	..	1	1
Pustular Eczema.....	..	..	..	1	..	..	..	..	1	1	1
Pertussis.....	6	..	..	..	3	..	3	3	..	3	6
Totals.....	47	4	..	7	16	14	30	19	9	28	58

TRANSFERRED AND DISCHARGED.

	Health Department.	CLASS.			MALES.			FEMALES.			Total Males and Females.
		Quarantine.	Public Charities and Correction.	Other Institutions.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Small-pox.....	15	4	..	1	4	5	9	8	5	13	22
Scarlatina.....	6	..	..	2	2	4	6	1	1	2	8
Rubeola.....	7	..	..	2	..	5	5	..	4	4	9
Diphtheria.....	13	..	..	..	6	..	6	7	..	7	14
Varicella.....	..	..	..	..	..	..	..	..	..	..	..
Pustular Eczema.....	..	..	..	1	..	..	..	..	1	1	2
Pertussis.....	2	..	..	..	1	..	1	1	..	1	2
Totals.....	43	4	..	6	13	14	27	17	9	26	53

DEATHS—None.

### RECAPITULATION OF REPORT.

Remaining September 30, 1887.....	..	..	..	..	..	..	..	..	..
Admitted.....	47	4	..	7	16	14	30	19	9
Discharged.....	43	4	..	6	13	14	27	17	9
Died.....	..	..	..	..	..	..	..	..	..
	=====	=====	=====	=====	=====	=====	=====	=====	=====
Remaining December 31, 1887.....	4	..	..	1	3	..	3	2	..

The following is a report of the

# DIVISION OF VITAL STATISTICS :

The number of deaths in the City of New York during the quarter ending December 31,		8,589
1887, was	.....	
During the corresponding period in 1886	.....	9,555
" " 1885	.....	7,499
" " 1884	.....	8,614
" " 1883	.....	7,360

The deaths for the above period are classified as follows :

CLASSIFICATION OF DISEASES.	1883.	1884.	1885.	1886.	1887.
Zymotic Diseases.....	1,498	2,097	1,590	2,396	1,748
Constitutional Diseases...	1,766	2,001	1,747	2,021	1,848
Local Diseases.....	3,275	3,651	3,362	4,247	4,093
Developmental Diseases.....	525	541	484	511	535
Deaths by Violence.....	296	324	316	380	365

The number of deaths from contagious diseases during the quarter ending December 31, 1887, was eight hundred and seventy-six (876), as follows :

DEATHS FROM CONTAGIOUS DISEASES.	1883.	1884.	1885.	1886.	AVERAGE FOR FIVE YEARS	1887.
Small-pox.....	..	..	16	1	4.2	5
Measles.....	83	194	19	485	195.3	56
Scarlatina.....	102	147	81	64	98.5	198
Diphtheria.....	263	417	384	571	408.7	592
Whooping Cough.....	31	124	147	54	94.0	25
Totals.....	499	882	647	1,175	800.7	896

The following abstract presents a comparison of the chief pulmonary diseases during the fourth quarter of the past four years, also of the total number of deaths in the first year, and in the first five years of life, and of the total mortality in public institutions:

CAUSES OF DEATH.	1883.	1884.	1885.	1885.	AVERAGE FOR PAST FOUR YEARS	1887.
Bronchitis.....	363	471	395	534	440.7	487
Pneumonia.....	753	892	685	1,135	866.3	982
Phthisis Pulmonalis.....	1,288	1,403	1,216	1,366	1,319.0	1,282
Deaths of Children under one year of age.....	1,521	1,907	1,575	6,109	1,778.0	1,739
Deaths of Children under five years of age.....	2,543	3,478	2,742	4,097	3,215.0	3,127
Deaths in Institutions.....	1,565	1,630	1,455	1,761	1,602.7	1,753

During the three months ending December 31, 1887, eight thousand five hundred and eighty (8,580) permits were granted for burials. During the same period two hundred and thirteen (213) applications for transit permits were received and granted. Eight hundred and eighty-eight (888) permits for the burial of still-born children; one thousand and twelve (1,012) cemeteries' certificates were received and recorded; one thousand eight hundred and twenty-nine (1,829) searches of the records of births, marriages and deaths were made; and one thousand two hundred and thirteen (1,213) transcripts of the records of deaths, one hundred and thirty-two (132) of marriages, and ninety-eight (98) of births from said records were issued. There were seven thousand nine hundred and seventy-eight (7,978) persons registered as married during the quarter, and nine thousand two hundred and ninety-seven (9,297) children were born during the same period.

The statistics of marriages during the third and fourth quarters of the year 1887 compare as follows :

*Total Marriages for the Quarter ending September 30, 1887.*

COLOR.				NATIVITY.								TOTAL.
WHITE.		BLACK.		FOREIGN.		NATIVE.		BORN AT SEA.		NOT STATED.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
3,125	3,126	52	51	2,035	1,839	1,142	1,335	..	2	..	1	3,177

*Total Marriages for the Quarter ending December 31, 1887.*

3,902	3,904	87	85	2,480	2,242	1,505	1,744	2	..	2	3	3,989
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The statistics of births during the third and fourth quarters of the year 1887 compare as follows:

*Total Births for the Quarter ending September 30, 1887.*

COLOR.			SEX.			NATIVITY OF PARENTS.			FOREIGN.		NATIVITY OF FATHER STATED ONLY.		NATIVITY OF MOTHER STATED ONLY.		BORN AT SEA.		TOTAL.
White.	Colored.	Not Stated.	Male.	Female.	Not Stated.	Foreign.	Native.	Not Stated.	Father.	Mother.	Foreign.	Native.	Foreign.	Native.	Male.	Female.	
8,924	96	..	4,681	4,339	..	4,896	2,495	1	1,037	518	1	..	42	30	..	..	9,020

*Total Births for the Quarter ending December 31, 1887.*

9,207	90	..	4,829	4,467	I	5,201	2,362	I	1,115	521	..	..	56	41	..	..	9,292
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*Comparative Table of Mortality from the Principal Causes of Death in the Fourth Quarter of the Year 1887, with the corresponding Quarter of the Preceding Five Years.*

CAUSES OF DEATH.	1887.	1882.	1883.	1884.	1885.	1886.	Total for Five Years Preceding 1887.	Average for Five Years Preceding 1887.
Total Deaths from all Causes .....	8,589	7,669	7,360	8,614	7,499	9,555	40,697	8,139.4
Total Zymotic Diseases.....	1,748	1,687	1,498	2,097	1,550	2,396	9,268	1,853.6
Total Constitutional Diseases.....	1,848	1,890	1,766	2,001	1,747	2,021	9,475	1,885.0
Total Local Diseases.....	4,093	3,241	3,275	3,651	3,362	4,247	17,776	3,555.2
Total Developmental Diseases.....	535	524	525	541	484	511	2,385	517.0
Deaths by Violence.....	365	327	296	324	216	380	1,643	328.6
Small-pox.....	5	1	.....	.....	16	1	18	3.6
Measles.....	56	87	83	194	19	485	868	173.6
Scarlatina.....	198	107	102	147	81	64	501	100.2
Diphtheria.....	598	278	263	417	384	571	1,913	382.6
Membranous Croup.....	230	170	189	218	277	333	1,187	237.4
Whooping Cough.....	25	98	51	124	147	54	474	94.8
Typhus Fever.....	.....	2	5	.....	9	1	17	3.4
Typhoid Fever.....	86	133	173	155	110	135	711	142.2
Puerperal Diseases.....	79	67	100	76	74	67	384	76.8
Diarrheal Diseases of Children under five years of age.....	171	298	194	356	188	303	1,339	267.8
Diarrheal Diseases of all ages.....	248	408	277	441	273	386	1,785	357.0
Alcoholism.....	41	68	42	44	33	63	250	50.0
Cancer.....	222	182	160	177	205	200	924	184.8
Phthisis Pulmonalis.....	1,282	1,308	1,288	1,403	1,216	1,369	6,584	1,316.8
Bronchitis.....	487	365	363	471	395	534	2,128	425.6
Pneumonia.....	982	775	753	892	685	1,135	4,240	848.0
Heart Diseases.....	507	396	436	458	439	487	2,216	443.2
Marasmus, Tabes Mesenterica and Scrofula.....	179	207	169	230	173	246	1,095	219.0
Hydrocephalus and Tubercular Meningitis.....	123	148	119	142	117	154	680	136.0
Meningitis and Encephalitis.....	180	130	144	158	173	197	802	160.4
Convulsions.....	142	119	103	128	133	127	610	122.0
Direct Effect of Solar Heat.....	.....	.....	.....	.....	.....	.....	.....	.....
Apoplexy.....	229	165	145	162	189	202	863	172.6
All Diseases of the Brain and Nervous System.....	775	608	616	666	698	735	3,393	664.4
Bright's Disease and Nephritis.....	565	451	457	476	494	577	2,455	491.0
Deaths by Suicide.....	25	38	43	49	46	49	225	45.0
Deaths by Drowning.....	59	30	26	26	23	31	136	27.2
Deaths in Institutions.....	1,732	1,650	1,565	1,630	1,455	1,761	8,061	1,612.2
Deaths of Persons seventy years old and over.....	628	636	578	638	551	612	3,015	603.0
Deaths of Children under one year of age.....	1,739	1,652	1,521	1,907	1,575	2,109	8,764	1,752.8
Deaths of Children under two years of age.....	2,309	2,177	2,018	2,666	2,092	3,089	12,042	2,408.4
Deaths of Children under five years of age.....	3,127	2,763	2,543	3,478	2,742	4,097	15,643	3,128.6

*Nativity of those who were Married, and the Parents of the Births and Still-births, and those who Died, Actual Mortality, for the Year ending December 31, 1887.*

NATIVITY OF DECREASED.	COUNTRY.	DEATHS.		BIRTHS.		MARRIAGES.		STILL-BIRTHS.	
		Nativity of Father.	Nativity of Mother.	Nativity of Father.	Nativity of Mother.	Nativity of Groom.	Nativity of Bride.	Nativity of Father.	Nativity of Mother.
....	Arabia .....	1	1	....	....	....	....	....	....
....	America .....	....	....	....	....	....	....	....	....
....	Armenia .....	1	1	....	....	....	....	....	....
....	Asia .....	....	....	....	....	....	....	2	....
5	Africa .....	6	4	4	1	2	1	2	1
6	At Sea.....	2	1	5	3	7	3	....	....
330	Austro-Hungary.....	855	844	1,855	1,865	799	805	106	110
1	Australia.....	1	6	9	9	8	1	1	....
20	Belgium.....	35	23	17	26	34	15	1	....
144	Bohemia.....	412	426	965	922	186	209	46	47
139	British America.....	192	225	232	258	123	92	17	10
....	British Guiana.....	....	....	....	....	....	1	....	....
1	Bulgaria.....	....	....	....	1	....	....	....	....
....	Central America.....	1	1	2	1	1	1	....	....
....	Cape Breton.....	....	....	....	....	....	1	....	....
32	China.....	37	32	....	3	14	....	....	....



NATIVITY OF DECEASED.	COUNTRY.	DEATHS.		BIRTHS.		MARRIAGES.		STILL-BIRTHS.		NATIVITY OF DECEASED.	COUNTRY.	DEATHS.		BIRTHS.		MARRIAGES.		STILL-BIRTHS.	
		Nativity of Father.	Nativity of Mother.	Nativity of Father.	Nativity of Mother.	Nativity of Groom.	Nativity of Bride.	Nativity of Father.	Nativity of Mother.			Nativity of Father.	Nativity of Mother.	Nativity of Father.	Nativity of Mother.	Nativity of Groom.	Nativity of Bride.	Nativity of Father.	Nativity of Mother.
1	Corfu.....	....	....	....	....	....	....	....	....	6	Mexico.....	5	5	2	1	3	2	....	....
1	Curacao.....	....	....	1	1	....	....	....	....	....	New Zealand.....	....	....	2	....	....	....	....	....
....	Canary Islands.....	1	1	....	....	....	....	....	....	34	Norway.....	60	52	40	46	34	22	4	5
31	Denmark.....	56	51	47	66	47	31	4	3	....	Polynesia.....	....	....	....	....	....	....	....	....
2	East Indies.....	4	4	4	4	6	3	....	....	107	Poland.....	346	324	1,114	1,212	198	152	100	100
787	England.....	1,376	1,370	938	1,004	510	436	70	80	1	Persia.....	2	1	1	2	....	....	....	....
....	Europe.....	4	4	....	....	....	....	....	....	2	Portugal.....	9	3	....	3	....	....	....	....
....	Finland.....	8	8	....	....	....	....	....	....	24	Roumania.....	45	44	104	111	46	49	6	1
227	France.....	383	353	268	320	149	152	30	29	264	Russia.....	798	732	961	1,089	561	418	81	73
403	Germany.....	8,797	8,244	8,071	9,540	3,565	3,955	704	631	243	Scotland.....	514	460	305	325	171	103	16	14
....	Gibraltar.....	1	....	3	....	....	....	....	....	8	South America.....	10	7	6	13	6	10	1	....
2	Greece.....	4	2	1	4	3	....	....	....	91	Sweden.....	192	188	253	242	165	192	15	16
50	Holland.....	90	73	36	53	22	8	2	2	116	Switzerland.....	124	126	190	205	163	166	10	9
....	Helligoland.....	....	....	1	....	....	....	....	....	16	Spain.....	39	25	6	33	5	4	1	1
6,186	Ireland.....	11,561	11,647	4,479	4,389	687	856	443	475	....	St. Helena.....	....	....	....	....	....	....	....	....
....	Iceland.....	1	1	....	....	....	....	....	....	....	Sandwich Islands.....	....	....	....	....	....	....	....	....
....	Isle of Man.....	....	....	....	....	....	....	....	....	9	Turkey.....	6	5	2	2	7	1	....	....
....	Isle of Jersey.....	....	....	....	....	....	....	....	....	25,042	United States.....	8,413	9,453	13,156	10,881	5,936	6,033	901	1,052
727	Italy.....	1,947	1,901	854	918	916	850	227	220	168	Unknown.....	2,379	2,198	4	332	8	10	299	217
3	Japan.....	4	3	1	1	2	....	....	....	22	Wales.....	43	44	37	35	23	21	2	....
....	Montenegro.....	....	....	....	....	....	....	....	....	62	West Indies.....	106	79	50	95	40	22	8	2
....	Luxembourg.....	....	....	2	2	2	....	....	....	38,933	Totals.....	38,933	38,933	34,023	34,023	13,740	13,740	3,100	3,100
....	Madeira.....	2	1	....	1	....	....	....	....										

Mortality from the Principal Causes of Death, by Months, for the Year 1887, with Meteorological Observations.  
Estimated Population, July 1, 1887, 1,481,920. Death-rate per 1,000 Inhabitants, 26.27.

METEOROLOGY.*	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTALS.
Mean Temperature (Fahrenheit).....	29.09	32.02	32.25	46.33	63.75	69.60	78.18	70.01	61.82	52.17	41.40	33.81	50.86
Mean Reading of Barometer.....	29.893	30.071	29.803	29.870	29.953	29.919	29.874	29.891	30.004	29.908	29.919	29.969	29.924
Mean Humidity (Saturation, 100).....	72	69	57	56	67	66	72	64	68	64	64	65	65
Number of Miles traveled by the Wind.....	6,360	6,527	7,264	5,921	4,059	4,129	4,395	3,740	4,141	4,888	6,105	6,330	63,859
Total Rain-fall (Inches).....	4.42	5.96	3.07	2.79	0.34	7.76	5.29	3.59	1.93	2.43	2.02	4.39	43.99
CAUSES OF DEATH.													
Total Deaths from all Causes.....	3,507	2,969	3,247	3,287	3,192	3,224	4,593	3,280	3,045	2,787	2,759	3,043	38,933
Total Zymotic Diseases.....	886	677	678	608	677	1,007	2,021	1,127	850	575	545	628	10,269
Total Constitutional Diseases.....	744	612	700	726	657	675	684	636	656	651	595	602	7,938
Total Local Diseases.....	1,557	1,424	1,561	1,636	1,522	1,206	1,518	1,200	1,229	1,254	1,316	1,523	16,946
Total Developmental Diseases.....	217	166	183	188	180	179	198	163	177	177	187	171	2,186
Deaths by Violence.....	103	90	125	129	156	157	182	154	133	130	116	119	1,594
Small-pox.....	10	15	10	12	26	5	7	4	5	2	2	1	99
Measles.....	293	181	96	43	33	23	29	6	7	10	22	24	767
Scarlatina.....	46	41	54	55	56	55	33	21	30	44	55	99	589
Diphtheria.....	206	170	180	173	218	218	154	103	143	161	197	234	2,167
Membranous Croup.....	113	93	105	98	95	57	27	22	47	67	82	81	889
Whooping Cough.....	32	11	16	10	12	11	25	24	22	8	7	10	188
Typhoid Fever.....	28	13	21	11	11	16	33	51	53	38	26	22	323
Cerebro-spinal Fever.....	20	12	17	21	21	27	18	13	17	16	9	12	203
Puerperal Diseases.....	29	37	31	44	28	30	32	24	21	19	25	35	355
Remittent, Intermittent, Typho-Malarial, Congestive and Simple } Continued Fevers.....	25	22	25	23	22	32	32	36	43	33	25	30	348
Diarrhoeal Diseases of Children under five years of age.....	35	34	39	43	59	462	1,418	655	336	104	39	28	3,252
Diarrhoeal Diseases, all ages.....	47	50	54	64	79	497	1,554	752	417	141	64	43	3,762
Erysipelas.....	12	15	22	18	17	10	8	3	4	7	10	14	140
Inanition, Want of Breast Milk, etc.....	15	24	30	26	27	16	31	29	16	14	10	15	253
Alcoholism.....	15	13	14	23	20	17	33	30	17	15	13	13	223
Rheumatism and Gout.....	24	21	24	22	24	20	16	7	12	8	8	9	195
Cancer.....	82	46	59	70	63	80	68	73	66	92	56	74	832
Phthisis Pulmonalis.....	522	438	486	504	437	411	390	386	404	425	419	438	5,260
Bronchitis.....	218	168	206	180	159	109	81	98	132	151	142	194	1,838
Pneumonia.....	480	370	394	466	390	164	137	119	205	260	347	375	3,707
Heart Diseases.....	162	178	196	184	168	143	149	145	188	149	173	185	2,020
Aneurism.....	9	9	9	7	7	4	4	4	9	4	10	9	85
Marasmus, Tabes Mesenterica and Scrofula.....	52	52	58	52	73	91	142	110	119	84	51	44	928
Hydrocephalus and Tubercular Meningitis.....	59	49	66	70	57	67	59	54	49	37	54	32	653
Meningitis and Encephalitis.....	79	85	95	89	93	79	100	95	83	61	55	64	978
Convulsions.....	41	53	50	49	49	56	66	54	38	43	41	58	598
Direct Effect of Solar Heat.....	....	....	....	....	1	4	152	59	....	....	....	....	216
Apoplexy.....	67	70	75	65	82	66	74	53	64	83	65	81	845
Enteritis, Gastro-Enteritis, Peritonitis and Gastritis.....	67	67	63	79	81	117	266	186	111	80	67	94	1,278
Cirrhosis of Liver and Hepatitis.....	32	39	41	34	25	36	41	37	28	29	38	27	407
All Diseases of the Brain and Nervous System.....	261	277	300	286	319	296	500	322	253	269	228	278	3,589
Bright's Disease and Nephritis.....	196	177	207	231	202	216	221	184	176	188	175	202	2,375
Cyanosis and Atelectasis.....	31	32	29	23	22	24	31	23	30	23	26	27	321
Deaths by Suicide.....	10	16	22	18	24	15	29	23	19	20	21	18	235
Premature and Preternatural Births.....	84	52	66	70	77	81	74	61	70	67	80	59	841
Deaths by Drowning.....	3	3	14	12	35	32	41	39	19	20	4	1	223
Surgical Operations.....	6	9	11	7	12	8	2	4	2	7	10	9	87
Deaths in Institutions.....	608	606	611	650	674	581	739	615	558	561	537	634	7,374
Deaths of Persons seventy years old and over.....	229	206	228	281	211	168	196	139	184	204	223	201	2,470
Deaths of Children under one year of age.....	757	655	676	642	650	1,008	1,987	1,124	844	615	535	589	10,082
Deaths of Children under two years of age.....	1,126	962	988	895	894	1,247	2,389	1,398	1,113	789	702	818	13,321
Deaths of Children under five years of age.....	1,520	1,293	1,285	1,171	1,245	1,538	2,629	1,604	1,354	1,012	975	1,140	16,766

\* From Daniel Draper, Ph. D., Superintendent Meteorological Department, Arsenal, Central Park.

Number of Deaths in Tenement-houses, Institutions, Floors, etc., Reported to the Division of Vital Statistics, during the Quarter ending December 31, 1887, with Total for the Year.

MONTH.	Number of Deaths Reported.	PLACE OF DEATH.															RESIDENCE.			CONDITION.				
		Number of Deaths in Institutions.	Number of Deaths in Houses containing Three Families and less.	Number of Deaths in Houses containing Four Families and over.	Hotels and Boarding-houses.	Class of Premises not stated.	FLOORS.										In Rivers, Streets, Bats, etc.	New York City.	Outside New York City.	Not stated.	Single.	Married.	Widowed.	Not stated.
							Basement.	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Not stated.								
October.....	2,806	562	590	1,552	42	..	48	485	702	472	331	140	2	..	..	..	60	2,733	73	..	405	773	358	1,270
November.....	2,770	543	595	1,553	33	1	54	479	687	489	340	123	7	2	..	1	45	2,711	59	..	385	807	348	1,230
December.....	3,004	606	668	1,659	38	2	50	526	730	581	335	132	9	4	..	..	31	2,909	95	..	401	819	376	1,408
Total for quarter.....	8,580	1,711	1,853	4,764	113	3	152	1,494	2,119	1,542	1,006	395	18	6	..	1	136	8,353	227	..	1,191	2,399	1,082	3,908
Total for year.....	38,938	7,424	7,830	22,608	448	7	513	6,959	9,582	7,205	4,717	1,800	91	21	..	5	621	38,017	921	..	4,994	9,762	4,421	19,761

Suicidal Deaths occurring during Quarter ending December 31, 1887.

DATE OF DEATH.	AGE.			SEX.	CONDITION.	NATIVITY.	TIME OF RESIDENCE IN CITY.	OCCUPATION.	MEANS USED.
	Years.	Months.	Days.						
Oct. 1.....	30	..	..	Female.....	.....	Unknown.....	.....	.....	Drowning.
" 2.....	35	..	..	Male.....	Married.....	Germany.....	32 years.....	Machinist.....	Hanging.
" 4.....	76	10	7	".....	".....	Ireland.....	39 ".....	Carpenter.....	Carbolic acid.
" 5.....	25	..	..	".....	".....	New York.....	.....	Jeweler.....	Pistol shot of brain.
" 5.....	27	..	..	".....	Single.....	France.....	.....	Drug clerk.....	Hydrocyanic acid.
" 7.....	38	..	..	".....	Married.....	Germany.....	23 years.....	Baker.....	Cutting throat and wrist with razor.
" 8.....	67	..	..	".....	".....	".....	30 ".....	Laborer.....	Cutting throat with razor.
" 8.....	60	..	..	".....	Married.....	".....	34 ".....	Piano-maker.....	Hanging.
" 9.....	30	..	..	Female.....	".....	United States.....	3 days.....	.....	Leap from window.
" 11.....	32	..	..	Male.....	Single.....	Germany.....	8 years.....	Machinist.....	Stab wound with knife.
" 14.....	58	..	..	".....	Widower.....	".....	34 ".....	Tailor.....	Pistol shot of head and chest.
" 17.....	53	..	..	".....	Married.....	".....	.....	Cigar-maker.....	Pistol shot of head.
" 19.....	23	..	..	Female.....	".....	United States.....	.....	.....	Arsenic.
" 22.....	31	..	..	Male.....	".....	Germany.....	10 years.....	Butcher.....	Cutting throat.
" 24.....	40	..	..	Female.....	Single.....	Ireland.....	27 ".....	.....	Drowning.
" 25.....	30	..	..	Male.....	".....	China.....	6 ".....	Laundryman.....	Cutting throat with razor.
" 25.....	68	..	..	".....	Widower.....	Germany.....	43 ".....	Wood-turner.....	Leap from roof.
" 27.....	29	..	..	".....	Single.....	".....	6 ".....	Carpenter.....	Pistol shot of head.
" 27.....	30	..	..	Female.....	Married.....	England.....	7 ".....	.....	Paris green.
" 29.....	63	..	..	".....	Widow.....	Germany.....	36 ".....	.....	Cutting throat.
Nov. 3.....	45	..	..	Male.....	".....	".....	.....	.....	Pistol shot of heart.
" 3.....	40	..	..	".....	Single.....	".....	.....	.....	Pistol shot of brain.
" 4.....	57	..	..	".....	Married.....	New York.....	.....	Police officer.....	" "
" 5.....	31	..	..	".....	".....	Germany.....	16 years.....	Saloon-keeper.....	Cutting throat with a potato knife.
" 7.....	63	..	..	Female.....	Widow.....	".....	22 ".....	.....	{Strangulation by clothes-line at- tached to hook.
" 7.....	37	..	..	Male.....	Single.....	New York.....	.....	Clerk.....	Pistol shot of heart.
" 8.....	78	..	..	".....	Married.....	Germany.....	25 years.....	.....	Pistol shot of brain.
" 10.....	32	..	..	Female.....	".....	United States.....	.....	.....	" Rough on Rats."
" 15.....	40	..	..	Male.....	".....	Ireland.....	25 years.....	Porter.....	Morphine.
" 18.....	27	..	..	".....	Single.....	New York.....	.....	Gas-fitter.....	Leap from fourth-story window.
" 18.....	21	..	..	".....	".....	Germany.....	.....	Druggist.....	Laudanum.
" 21.....	31	2	2	".....	".....	Virginia.....	18 years.....	Waiter.....	Incised wound of throat.
" 21.....	46	..	..	".....	".....	Germany.....	.....	Carpenter.....	Pistol shot of temple.
" 21.....	24	..	..	Female.....	Married.....	".....	2 years.....	Domestic.....	" Rough on Rats."
" 23.....	28	..	..	".....	".....	".....	3 ".....	.....	{Incised wound of uterus through vagina, during puerperal mania.
" 23.....	41	..	..	Male.....	".....	Bohemia.....	5 ".....	Cigar-maker.....	Hanging.
" 24.....	58	..	..	".....	".....	Germany.....	35 ".....	Physician.....	Pistol shot of heart.
" 25.....	36	..	..	".....	".....	Ireland.....	16 ".....	Porter.....	Paris green.
" 26.....	36	..	..	Female.....	Single.....	".....	18 ".....	Cook.....	"
" 27.....	56	..	..	Male.....	Married.....	".....	30 ".....	Laborer.....	Hanging.
" 28.....	37	..	..	Female.....	Single.....	Germany.....	13 ".....	.....	"
Dec. 3.....	68	..	..	Male.....	Married.....	".....	50 ".....	Real estate agent.....	Pistol shot through temple.
" 7.....	67	..	..	".....	".....	".....	36 ".....	Tailor.....	Paris green.
" 7.....	35	..	..	".....	".....	England.....	.....	.....	Laudanum.
" 7.....	24	..	..	".....	Single.....	Germany.....	9 years.....	Drug clerk.....	Morphine.
" 7.....	39	..	..	".....	Married.....	".....	8 ".....	Salesman.....	Oil of bitter almonds.
" 8.....	35	..	..	".....	".....	".....	15 ".....	Barber.....	Arsenic.
" 11.....	24	..	..	".....	Single.....	United States.....	1 day.....	.....	Pistol shot of brain.
" 11.....	46	1	..	".....	Married.....	Germany.....	30 years.....	Dentist.....	Hanging, after taking morphine.
" 12.....	29	..	..	".....	".....	".....	7 ".....	Druggist.....	Pistol shot of heart.
" 12.....	39	..	..	".....	".....	United States.....	.....	Missionary clerk.....	{Knocking his head against cell-wall; insane.
" 14.....	38	..	..	".....	Married.....	New York.....	.....	Clerk.....	" Rough on Rats."
" 14.....	45	..	..	".....	Widower.....	Bohemia.....	30 years.....	".....	Pistol shot of right temple.
" 15.....	47	..	..	".....	Married.....	Belgium.....	20 ".....	Marble-cutter.....	" "
" 16.....	36	..	..	".....	".....	United States.....	.....	Shirt manufacturer.....	Pistol shot of head.
" 19.....	41	..	..	".....	Single.....	New Jersey.....	24 years.....	Bookbinder.....	Hanging.
" 25.....	66	..	..	".....	Married.....	Germany.....	35 ".....	Stove-moulder.....	"
" 27.....	38	..	..	".....	Single.....	Spain.....	1 year.....	Cigar-maker.....	Leap from third-story window.
" 27.....	15	..	..	Female.....	".....	United States.....	.....	Domestic.....	Carbolic acid.

Males, 46; Females, 13—Total, 59. (\* Colored decedent.)



Disposition of the Dead of this City during the Quarter ending December 31, 1887, with Total for the Year, as Reported to the Division of Vital Statistics.

CEMETERIES.	DENOMINATION.	LOCATION.	NUMBER OF BURIAL PERMITS ISSUED.									
			OCTOBER.		NOVEMBER.		DECEMBER.		TOTAL FOR QUARTER.		TOTAL FOR YEAR.	
			Deaths.	Still-Births.	Deaths.	Still-Births.	Deaths.	Still-Births.	Deaths.	Still-Births.	Deaths.	Still-Births.
Bayside.....	Jewish.....	Bayside, Long Island, N. Y.....	90	20	75	18	84	12	249	50	1,188	157
Calvary.....	Roman Catholic.....	Newtown, " ".....	1,088	74	1,062	52	1,063	73	3,223	199	14,337	679
City (Pauper Burial Ground).....	Undenominational.....	Hart's Island, N. Y.....	257	111	278	98	317	91	852	300	3,936	1,208
Cypress Hills.....	".....	Near Ridgewood, Long Island, N. Y.....	67	4	72	6	72	1	211	11	873	32
Evergreen.....	".....	" " " ".....	160	6	133	12	143	6	441	24	2,158	91
".....	".....	Elizabeth, N. J.....	"	"	"	"	"	3	"	3	1	3
Flushing.....	".....	Flushing, Long Island, N. Y.....	"	"	"	"	2	"	2	"	19	"
Greenwood.....	".....	Brooklyn, " ".....	136	3	152	3	151	6	439	12	1,986	46
Hoboken (Jews' Own, 64 ft. sq.).....	".....	Hoboken, N. J.....	3	"	2	"	"	"	5	"	32	1
Hudson County Catholic.....	Roman Catholic.....	Jersey City, N. J.....	6	"	3	"	5	"	14	"	55	"
Holy Cross.....	".....	Flatbush, Long Island, N. Y.....	42	"	35	"	38	"	115	"	465	"
Jersey City.....	".....	New Jersey.....	4	"	8	1	7	"	19	1	79	1
Lutheran.....	Undenominational.....	Middle Village, Long Island, N. Y.....	329	28	363	38	405	35	1,097	101	5,404	355
Machpelah.....	Jewish.....	New Lots, " ".....	14	5	22	1	20	1	56	7	239	33
".....	Undenominational.....	New Durham, N. J.....	9	"	7	"	10	"	26	"	76	2
Methodist Episcopal.....	Methodist Episcopal.....	East Williamsburgh, Long Island, N. Y.....	1	"	"	"	1	"	2	"	44	2
Marble.....	Undenominational.....	Seventeenth Ward, New York City.....	4	"	2	"	2	"	8	"	25	"
New York Bay.....	".....	Near Greenville, N. J.....	16	"	17	"	15	"	48	"	189	3
Newark.....	".....	New Jersey.....	1	"	3	"	2	"	6	"	19	"
Randall's Island.....	Undenominational.....	Twelfth Ward, New York City.....	"	"	"	"	"	"	"	"	3	"
St. Peter's.....	Roman Catholic.....	Jersey City, N. J.....	"	"	"	"	"	"	"	"	6	"
St. Raymond's.....	".....	Westchester, N. Y.....	37	"	37	3	55	3	129	6	527	29
St. Michael's.....	Protestant Episcopal.....	Astoria, Long Island, N. Y.....	71	5	54	4	60	3	185	12	826	42
Staten Island.....	".....	Richmond Co., N. Y.....	4	"	6	"	6	"	16	"	80	1
Salem Fields.....	Jewish.....	New Lots, Long Island, N. Y.....	11	1	9	"	9	2	29	3	130	9
Trinity.....	Undenominational.....	Twelfth Ward, New York City.....	12	"	8	"	14	1	34	1	115	5
Union.....	Methodist Protestant.....	Brooklyn, E. D., Long Island, N. Y.....	10	1	12	3	12	3	34	7	164	44
Union Fields.....	Jewish.....	Long Island, N. Y.....	16	1	16	4	24	2	56	7	233	19
Woodlawn.....	Undenominational.....	Twenty-fourth Ward, New York City.....	89	"	99	"	119	4	307	4	1,315	34
Washington.....	".....	Gravesend, Long Island, N. Y.....	62	4	61	12	50	12	173	28	814	155
West Farms.....	".....	Twenty-fourth Ward, New York City.....	14	3	3	6	10	4	27	13	118	43
Weehawken.....	".....	Weehawken, N. J.....	6	2	10	1	13	1	29	4	136	8
Ward's Island.....	".....	Twelfth Ward, New York City.....	5	1	4	2	14	"	23	3	150	5
Vonkers.....	Undenominational.....	".....	4	"	4	"	6	"	14	"	53	2
Vaults in New York City.....	".....	".....	"	"	"	"	3	"	3	"	10	"
Other Cemeteries in New York City and vicinity.....	".....	".....	96	9	82	8	130	4	308	21	1,488	79
Other Cemeteries outside of New York City and vicinity.....	".....	".....	142	"	131	1	137	"	410	1	1,645	12
Total interments.....			2,806	278	2,770	273	3,004	267	8,580	818	38,938	3,100

## Deaths of Persons Ninety Years of Age and Over during Fourth Quarter, ending December 31, 1887.

DATE.	NAME.	AGE.			CONDITION.	NATIVITY.	TIME OF RESIDENCE IN CITY.	CAUSE OF DEATH.
		Years.	Months.	Days.				
Oct. 11.....	Hannah M. Reed.....	91	"	"	Widow.....	England.....	30 years.....	Hemiplegia.
" 12.....	Ellen Martin.....	90	"	"	".....	Ireland.....	60 ".....	Bronchitis, age.
" 17.....	Mary Kufelt.....	90	"	"	".....	".....	20 ".....	Senile dementia, age.
" 22.....	Michael Portland.....	97	"	"	Widower.....	".....	50 ".....	Senile asthenia.
" 26.....	Nancy J. Benson *.....	50	"	"	Single.....	New York.....	2 ".....	"
Nov. 5.....	Bridget Hare.....	92	"	"	Widow.....	Ireland.....	40 ".....	"
" 9.....	Jane Dumphy.....	98	"	"	".....	".....	30 ".....	Bronchitis.
" 11.....	Peter Duffy.....	100	"	"	Single.....	".....	50 ".....	Senile asthenia.
" 12.....	Mary Ryno.....	91	10	"	Widow.....	United States.....	40 ".....	Senile asthenia, inanition.
" 16.....	Ellen Dougherty.....	92	"	"	Single.....	New York.....	".....	Senile asthenia.
" 17.....	Leonard Gastling.....	94	5	"	".....	Holland.....	50 years.....	Congestion of brain, age.
" 28.....	William Doolan.....	92	"	"	Widower.....	Ireland.....	18 ".....	Senile asthenia.
Dec. 5.....	Mary McDermott.....	98	"	"	Single.....	".....	30 ".....	Phthisis pulmonalis.
" 6.....	Caroline Lion.....	90	2	5	Widow.....	Germany.....	35 ".....	Pneumonia.
" 7.....	Ester Taber.....	96	"	"	".....	Connecticut.....	60 ".....	Senile asthenia.
" 9.....	Bridget Gunn.....	90	"	"	".....	Ireland.....	40 ".....	Apoplexy.
" 10.....	Bridget Elliott.....	91	10	"	".....	".....	73 ".....	"
" 11.....	Katie Lampert.....	93	9	"	Widow.....	Holland.....	25 ".....	Broncho-pneumonia, age.
" 14.....	Julia Green.....	92	"	"	".....	Ireland.....	12 ".....	Senile asthenia.
" 14.....	Mary Ginna.....	91	"	"	".....	".....	25 ".....	Bronchitis, age.
" 16.....	Sophia Stern.....	90	3	"	".....	Germany.....	40 ".....	Gastro-enteritis, hepatitis, marasmus.
" 16.....	Margaret Creary.....	95	"	"	Widow.....	Ireland.....	34 ".....	Senile asthenia.
" 17.....	Anne F. MacArthur.....	91	7	6	".....	England.....	32 ".....	Senile asthenia, dementia.
" 17.....	Samuel Vandervoort.....	90	"	"	Widower.....	New York.....	".....	Paralysis.
" 25.....	John O'Neil.....	90	"	"	".....	Ireland.....	23 years.....	Softening of brain, age.
" 29.....	Hanna Bendet.....	90	"	"	Widow.....	Germany.....	13 ".....	Pneumonia, age.

Males, 6; Females, 20—Total, 26. (\* Colored decedent.)

Nativity of Persons who Died in New York City during the Quarter ending December 31, 1887—Actual Mortality.

NATIVITY OF DECEASED.	COUNTRY.	NATIVITY OF FATHER.	NATIVITY OF MOTHER.																																
			Austria.	Bohemia.	Belgium.	British America.	Denmark.	England.	France.	Germany.	Holland.	Ireland.	Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	Switzerland.	Spain.	United States.	Unknown, or not stated.	Wales.	West Indies.	East Indies.	South America.	China.	Roumania.	Mexico.	Africa.	Finland.	Greece.	Turkey.	Madeira.	
93	Austria.....	191	178	..	..	..	..	1	..	7	..	3	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
42	Bohemia.....	89	..	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4	Belgium.....	8	..	..	5	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
38	British America.....	39	..	..	..	25	..	1	..	..	..	5	..	..	..	..	..	..	..	7	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
6	Denmark.....	16	..	..	..	..	9	..	..	1	..	..	..	..	..	1	1	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
198	England.....	314	..	..	..	4	..	231	..	1	..	26	..	..	..	..	..	..	..	49	3	..	..	..	..	..	..	..	..	..	..	..	..	..	
78	France.....	111	..	..	..	1	..	2	89	5	..	7	..	..	..	..	..	..	1	5	..	..	..	..	..	..	..	..	1	..	..	..	..	..	
926	Germany.....	1,840	6	2	..	..	2	7	3	1,634	..	9	1	..	1	..	2	1	4	..	160	5	1	1	..	..	..	..	..	1	..	..	..	..	
12	Holland.....	23	..	..	..	..	..	1	1	1	17	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
1,554	Ireland.....	2,751	..	..	..	4	..	20	2	2	..	2,576	..	..	..	..	5	..	..	138	4	..	..	..	..	..	..	..	..	..	..	..	..	..	
155	Italy.....	411	..	..	..	..	..	1	1	1	..	1	396	..	..	..	1	..	..	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
5	Norway.....	7	..	..	..	..	..	..	..	..	..	1	5	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
20	Poland.....	78	1	..	..	..	..	..	..	2	..	..	..	..	71	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
69	Russia.....	181	2	..	..	..	..	3	..	6	..	..	..	..	163	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
52	Scotland.....	123	..	..	..	1	..	5	..	1	..	11	..	..	..	80	..	..	..	20	2	1	2	..	..	..	..	..	..	..	..	..	..	..	
18	Sweden.....	41	..	..	..	..	..	..	..	1	1	1	..	2	..	..	35	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
26	Switzerland.....	41	..	..	..	..	..	..	1	6	..	..	..	..	..	..	..	33	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5	Spain.....	7	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5,201	United States.....	1,821	..	2	..	18	..	34	5	52	..	121	..	..	..	9	1	2	1	1,565	6	3	2	..	..	..	..	..	..	..	..	..	..	..	
23	Unknown, or not stated.....	440	..	..	..	..	..	1	5	..	5	1	..	1	1	..	..	..	..	16	410	..	..	..	..	..	..	..	..	..	..	..	..	..	
4	Wales.....	11	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	3	..	4	..	..	..	..	..	..	..	..	..	..	..	..	
7	West Indies.....	16	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	6	..	7	..	..	..	..	..	..	..	..	..	..	..	..	
1	East Indies.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	
5	China.....	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	
2	Mexico.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
2	South America.....	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
2	Africa.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
5	Roumania.....	10	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	
1	Greece.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
1	Persia.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2	Turkey.....	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
..	Finland.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	
..	Portugal.....	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
..	Madeira.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
8,589	Totals.....	8,589	187	93	5	56	9	311	105	1,727	18	2,769	398	7	73	165	98	38	40	6	2,004	433	10	12	1	1	5	9	2	2	2	1	1	1	

Deaths by Accident and Negligence during Fourth Quarter, ending December 31, 1887.

ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.
Fractures and contusions by—		Fractures and contusions by—		Falls—		Suicide by—	
Manner not defined by Coroners.....	7	Knocked down by car of Brooklyn Bridge Railroad.....	1	With telegraph pole, while at work.....	1	Cut, stab.....	9
Jammed between cart and tree.....	1	Knocked down by engine of New York and Harlem Railroad.....	1	Burns—		Gunshot.....	17
Blow from gas-pipe slipping from vise.....	1	Explosion of boiler on steam-launch.....	2	By upsetting of kerosene-oil lamps.....	4	Leap.....	4
Cart backing on him.....	1	Drawn into "Ball's" electric engine by current of air.....	26	By explosion of kerosene-oil lamps.....	2	Strangulation with clothes-line.....	1
Misstep.....	1	Surgical operations (primary causes of death).....	19	" " a gas tank.....	1	Knocking head against cell wall.....	1
Fall of a beam.....	1	Drowning (in rivers).....	4	By lighted matches.....	2	" Rough on Rats ".....	3
" buildings in course of erection.....	6	Effect of immersion in rivers.....	4	Clothes fired by grate.....	1	Carbolic acid.....	2
" bale of jute.....	1	Falls—		" " by stoves.....	5	Hydrocyanic acid.....	1
Fall on glass bottle.....	1	From roofs.....	3	" " in street while at play.....	1	Arsenic.....	2
Fall of a derrick.....	2	" windows.....	12	" " by lighted paper.....	1	Oil of bitter almond.....	1
" truck on his head while repairing.....	1	" buildings.....	4	" " matches.....	1	Paris green.....	4
" iron rail while loading.....	1	" scaffolds.....	4	At a fire, No. 345 West Forty-third street.....	1	Laudanum.....	2
" tobacco cask.....	1	" ladders.....	2	Scalds by—		Morphine.....	2
" rock in Shaft 15, New Aqueduct.....	1	" fire-escapes.....	4	Hot water.....	17	Diseases certified by Coroners.....	612
Kick by horses.....	3	" wagons.....	3	" tea.....	2	Killed by vehicles in the streets by—	
Wounds by gunshot.....	4	" trucks.....	2	Suffocation (asphyxia) by—		(Railroad lines and vehicles defined.)	
" of left radial artery.....	1	" horse-car, Twenty-third street line.....	1	Rolling on face during night.....	1	Hudson River Railroad.....	1
" contused, of finger.....	1	" " Third avenue line.....	1	At mother's breast.....	1	New York and Northern Railroad.....	1
" of right arm and thigh by a truck.....	1	" pier of new bridge, Harlem river.....	1	Overlaid in bed.....	7	New York and New Haven Railroad.....	4
Electric current received while at work at One Hundred and Twenty-second street.....	1	" stationary tubs to floor.....	1	Pillow.....	1	West Shore Railroad.....	1
Self-induced abortion at second month.....	1	" pile of lumber.....	1	Lodgment of foreign body in larynx.....	1	Dummy engine.....	1
Struck by engine Elevated Railroad; knocked off track.....	1	" electric-light pole.....	1	" meat in larynx.....	2	Broadway and Seventh avenue line.....	1
Struck by train of New York Central Railroad.....	1	In streets.....	15	Illuminating gas, at No. 776 Sixth avenue.....	1	Horse.....	1
Struck by train of New Haven Railroad.....	2	" rooms.....	5	Illuminating gas, at No. 34 West Thirty-eighth street.....	1	Wagons.....	4
Struck by train of New York and Northern Railroad.....	1	" church (at Patchogue, L. I.).....	1	Illuminating gas, at No. 101 West Thirty-eighth street.....	1	Carts, trucks.....	4
Struck by rock from a blast.....	1	Into excavation.....	1	Illuminating gas, at No. 127 West street.....	1		
" on breast with a stone.....	1	" area.....	2	" " Harlem Hospital.....	2	RECAPITULATION.	
Breaking of a wheel in foundry.....	1	Down stairs.....	17	" " Cable Hotel.....	1	Fractures and contusions.....	63
Thrown from wagon (runaway).....	1	" hatchways.....	9	" " No. 30 Bowery.....	1	Killed by vehicles in the street.....	18
" truck (runaway).....	1	" steps.....	2	Poison by—		Falls.....	108
Caught in elevator.....	1	" hold of vessels.....	2	Morphine.....	1	Burns.....	19
" shaft of machinery.....	1	" basement stairs.....	2	Carbolic acid.....	1	Scalds.....	13
Squeezed between shed and truck.....	1	" pile of cotton.....	1	Lead.....	1	Suffocation (asphyxia).....	21
Crushed in elevators.....	2	Through elevator shafts.....	2	Homicide by—		Drowning.....	23
" between two freight trains.....	1	Against a chair.....	1	Blows.....	6	Surgical operations (primary causes).....	26
" " car and shaft of elevator.....	1	Over dash-board of Bleeker street car.....	1	Cut, stab.....	2	Homicide.....	12
" " " side of tunnel.....	1	" " Belt line car.....	1	Gunshot.....	3	Suicide.....	59
Leap from a Fourth avenue horse-car.....	1	" " Forty-second street car.....	1	Criminal abortion, by medicine.....	1	Total violent deaths.....	365
" steamship to barge.....	1	While at play.....	3	Suicide by—			
		On broken glass.....	1	Drowning.....	2	Total diseases certified by Coroners.....	612
				Hanging.....	8		



## Deaths following Surgical Operations (Primary and Secondary Causes), during Quarter ending December 31, 1887.

PRIMARY AND SECONDARY CAUSES.	No. of Cases.	PRIMARY AND SECONDARY CAUSES.	No. of Cases.	PRIMARY AND SECONDARY CAUSES.	No. of Cases.
Amputation of leg for epithelioma and ulcer of right leg.....	1	Intubation for diphtheria.....	1	Operation for removal of sarcoma of neck, exhaustion, heart failure.....	1
Amputation of thigh for senile gangrene of foot, old age.....	1	Intubation for diphtheria, nephritis.....	1	Operation for removal of ovaries, cystic ovaries, pelvic abscess, septic peritonitis.....	1
Amputation of thigh for fetid abscess.....	1	Laparotomy for perityphilitis, peritonitis.....	1	Operation for removal of cancer of cyst of ovary.....	1
Amputation of foot for senile gangrene.....	1	Laparotomy for incarcerated hernia of small intestines, enterocoele.....	1	Operation for radical cure of inguinal hernia, peritonitis.....	1
Amputation of breast for cancer, shock.....	1	Laparotomy for rupture of uterus during childbirth, peritonitis.....	1	Operation for vesical fistula, albuminuria.....	1
Amputation of thigh, purulent syphilis and ulceration of knee joint, shock.....	1	Laparotomy for intussusception, peritonitis.....	1	Operation for removal of uterine fibroid tumor, enteritis.....	1
Amputation of leg, compound fracture of right leg.....	1	Laparotomy for fibroid tumor of uterus, peritonitis.....	1	Operation for cancer of breast, fatty heart, age.....	1
Castration for removal of sarco-septic testicles, tetanus.....	1	Laparotomy for strangulated intestines, peritonitis.....	1	Operation for abscess of knee, pneumonia.....	1
Circumcision, orchitis, erysipelas, pyemia.....	1	Laparotomy for intussusception of intestines.....	1	Operation for strangled inguinal hernia.....	1
Excision of hip joint, necrosis of head of femur, acetabulum.....	1	Laparotomy for pyo-salpinx, septic peritonitis.....	1	Operation for stricture and suppression of urine.....	1
Extraction of second right lower bicuspid tooth, hemorrhage.....	1	Laparotomy for salpingitis, peritonitis.....	1	Operation for hernia, peritonitis.....	1
Extirpation of uterus for cancer, ashenia.....	1	Laparotomy for cystic kidney.....	1	Operation for removal of sarcoma-dura mater, encephalitis.....	1
External urethrotomy, surgical pleurisy, stricture, deep urethra.....	1	Laparotomy for neoplasm of sigmoid flexure, intestinal obstruction, peritonitis.....	1	Operation for perityphilitis.....	1
Hysterectomy for uterine fibroid, suppurative vaginal.....	1	Ligation of femoral artery for popliteal aneurism, pyemia.....	1	Ovariectomy for ovarian tumor, inanition, dyspepsia.....	1
Hegar's operation, laparotomy, nephritis.....	1	Median lithotomy for stone in bladder, uræmia, oedema pulmonum.....	1	Ovariectomy for dermoid cyst, congestion of lungs.....	1
Hegar's operation for removal of ovaries, fibroid tumor of uterus, peritonitis.....	1	Operation for fibroid tumor of uterus, cystic tumor of ovary, peritonitis.....	1	Ovariectomy for ovarian tumor, peritonitis.....	1
Intubation for diphtheritic croup, broncho-pneumonia.....	1	Operation for fibroid tumor of uterus.....	1	Ovariectomy for ovarian tumor, septicæmia.....	1
Intubation for diphtheritic croup.....	1	Operation for removal of cancer of uterus, cancer of stomach, ashenia.....	1	Pericorrhaphy, nephritis, septicæmia.....	1
Intubation for diphtheria, nephritis, broncho-pneumonia.....	1	Operation for cysto-sarcoma of left ovary, peritonitis.....	1	Tracheotomy for diphtheria.....	1
Intubation for diphtheritic croup.....	1	Operation for recurrent cancer of breast, exhaustion.....	1	Tracheotomy for perichondritis, bronchitis, oedema pulmonum.....	1
Intubation for diphtheria.....	1	Operation for removal of cancer of left ovary, septic peritonitis.....	1	Tracheotomy for tumor of larynx, broncho-pneumonia.....	1
Intubation for croup.....	1	Operation for amyloid degeneration of kidneys, enlarged liver, uræmia, caries of bones.....	1	Tracheotomy for croup.....	1
Intubation for croupous laryngitis.....	1	Operation for removal of ovaries, ovarian tumor, colloid cyst, peritonitis.....	1	Laparotomy for intra peritoneal abscess.....	1
Intubation for croupous laryngitis.....	1	Operation for extraction of 30 stones from bladder, cystitis, dilatation of stomach.....	1	Laparotomy for sarcoma of intestines.....	1
Intubation for diphtheria, broncho-pneumonia, nephritis.....	1			Operation of superior maxilla for cancer of mouth.....	1
Intubation for diphtheria, whooping-cough, pneumonia, nephritis.....	1			Operation of trephining for epilepsy, pneumonia, nephritis.....	1
				Operation for lacerated peritoneum, childbirth, paralysis of heart.....	1
				Ovariectomy for ovarian tumor, peritonitis, uræmia.....	1

Primary causes, 26; Secondary causes, 54—Total, 80.

## Deaths from Zymotic Diseases Reported to the Division of Vital Statistics.

WARDS.	AREA IN ACRES.	DEATHS FROM SMALL-POX, MEASLES, SCARLATINA, DIPHTHERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, TYPHUS FEVER, MALARIAL FEVERS, PUERPERAL FEVER, DIARRHOEAL MALADIES, CEREBRO-SPINAL FEVER, AND OTHER ZYMOTIC DISEASES.														REMARKS.	Total in Institutions.			
		Actual Mortality during the Quarter ending December 31, 1887.																		
		Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Typhus Fever.	Malarial Fevers.	Puerperal Fevers.	Yellow Fever.	All Diarrhoeal Diseases.	Cerebro-Spinal Fever.	Other Zymotic Diseases.			Total Deaths from Zymotic Diseases.		
First.....	154	..	..	1	10	3	..	..	..	2	..	2	..	..	18	94	94	17,939		
Second.....	81	..	..	..	1	..	..	..	..	..	..	..	..	..	1	7	7	1,608		
Third.....	95	..	..	..	3	..	..	..	1	..	..	..	1	1	6	43	21	3,582	House of Relief, 160 Chambers street, 22	
Fourth.....	83	..	..	4	4	4	..	..	1	1	..	4	2	2	22	118	118	20,096		
Fifth.....	168	..	..	4	11	7	..	..	2	..	..	1	..	2	27	80	77	15,845	Trinity Infirmary, 50 Varick street, 3	
Sixth.....	86	..	4	4	14	7	..	..	2	4	..	3	..	7	45	185	183	20,196	Home of Industry, 4; Sixth Precinct Station, 1	
Seventh.....	198	..	1	7	29	12	..	..	2	..	..	9	3	4	57	335	304	50,066	Gouverneur Hospital, 31	
Eighth.....	183	..	4	9	21	7	1	..	1	..	..	9	..	3	55	245	245	35,879		
Ninth.....	322	..	1	5	27	9	..	..	3	2	..	9	4	5	65	361	306	54,596	{ St. Vincent's Hospital, 53; Jefferson Market Prison, 1; Home for Old Men and Aged } { Couples, 1..... }	
Tenth.....	110	..	3	14	15	7	1	..	3	3	1	12	1	7	67	246	245	47,554	Essex Street Prison, 1	
Eleventh.....	196	..	3	13	15	9	3	..	6	1	..	11	2	5	71	384	302	68,778	St. Francis's Hospital, 82	
Twelfth.....	5,504.13	..	(10)	(2)	(3)	34	2	..	(3)	16	2	..	(14)	(1)	(9)	(44)	1,192	865	81,800	{ Reception Hospital, Ninety-ninth street, 8; New York City Asylum for Insane, 52; } { Ward's Island, 28; Randall's Island, 76; Bloomingdale Lunatic Asylum, 3; Idiot } { Asylum, Kandel's Island, 3; House of Good Deeds, 1; Deaf and Dumb Asylum, } { 3; Convent of Sacred Heart, 1; Homeopathic Hospital, 67; Home for Aged } { and Infirm Hebrews, 4; Magdalene Convent, 2; Deborah Nursery, 1; New York } { Juvenile Asylum, 2; Old Ladies' Home, 1; St. Joseph's Hospital, 29; Home for } { Respectable Aged and Infirm, 1; Little Sisters of the Poor, 6; Manhattan Hospital, } { 7; St. Joseph's Home, 1; Harlem Hospital, 23; St. Ann's Home, 2; M. E. Church } { Home, 2; Laura Franklin Free Hospital for Children, 2; Unsectarian Home, 1..... }
Thirteenth.....	107	..	2	9	17	14	1	..	2	4	1	4	..	1	55	207	207	37,797		
Fourteenth.....	96	..	1	7	10	7	1	..	4	..	..	3	1	7	41	207	207	30,171		
Fifteenth.....	198	..	..	3	6	2	..	..	3	4	..	5	1	2	26	119	119	31,882		
Sixteenth.....	348.77	..	..	4	22	2	..	..	1	1	..	5	1	5	41	284	266	52,188	{ Samaritan Home for the Aged, 1; St. Joseph's Home for the Aged, 5; French Hospital, } { 12..... }	
Seventeenth.....	331	1	3	11	28	9	5	..	3	4	1	13	..	6	84	447	432	104,837	{ Eye and Ear Infirmary, 1; Lodge and Association Hospital, 13; Office of the Commis- } { sioners of Charities and Correction, 1..... }	
Eighteenth.....	449.89	..	..	9	21	10	..	..	3	3	..	10	2	5	37	406	290	66,611	{ New York Hospital, 64; New York Infirmary for Women and Children, 3; Post } { Graduate Hospital, 15; Willard Parker Hospital, 33; Skin and Cancer Hospital, 1..... }	
Nineteenth.....	1,480.60	..	(16)	(1)	(19)	(1)	7	..	(11)	(2)	..	(36)	(1)	(15)	(102)	1,498	854	158,191	{ Presbyterian Hospital, 29; German Hospital, 29; Mount Sinai Hospital, 44; Foundling } { Hospital, 112; Women's Hospital, 5; City Lunatic Asylum, 35; Almshouse, 95; } { Penitentiary, 4; Charity Hospital, 133; Colored Home Hospital, 35; Nursery am. } { Child's Hospital, 34; St. Luke's Hospital, 36; Workhouse, 24; Roman Catholic } { Orphan Asylum, 2; Hospital for Ruptured and Crippled, 4; Baptist Home, 3; } { Dominican Convent, 2; Home for the Aged (Little Sisters of the Poor), 5; Mater- } { nity Hospital, 1; Twenty-fifth Precinct Station, 1; Hahnemann's Hospital, 3; Monte- } { fiore Home, 8..... }	
Twentieth.....	444	..	1	2	42	24	1	..	5	3	1	9	3	10	101	520	512	86,015	{ St. Mary's Hospital, 3; Twentieth Precinct Station, 1; St. Vincent de Paul's } { Nursery, 2; Nineteenth Precinct Station, 2..... }	
Twenty-first.....	411	..	1	4	16	11	1	..	7	2	..	10	..	25	77	559	280	66,536	{ Bellevue Hospital, 274; Skin and Cancer Hospital, 2; Home of the Friendless, 1; } { Emergency Hospital, 2..... }	
Twenty-second.....	1,529.42	..	1	20	67	23	..	..	9	11	..	26	7	10	174	754	666	111,606	Roosevelt Hospital, 73; New York Infant Asylum, 15	
Twenty-third.....	4,267.023	4	..	4	15	10	2	..	4	6	..	7	..	4	50	199	194	28,338	North Brother Island Hospital, 5	
Twenty-fourth.....	8,050.323	..	..	2	2	1	..	..	2	1	..	1	1	1	11	99	66	73,888	{ House of Rest for Consumptives, 15; Home for Incurables, 11; Thirty-fourth } { Precinct Station 1; Peabody Home, 1; New York Skin and Cancer Hospital, 5..... }	
Totals.....	24,893.156	(4)	(26)	(15)	(50)	(4)	25	..	(32)	(3)	7	..	(55)	(2)	(47)	(238)	8,589	6,857	1,206,299	Total mortality in Public Institutions.....
		5	56	15	59	23	25	..	86	8	7	..	248	37	170	1,748				1,732

Figures in parentheses represent mortality in institutions.

WARDS.	AREA IN ACRES.	DEATHS FROM ZYMOTIC DISEASES.													Total Deaths from all Causes.	Total Deaths, exclusive of those in Public Institutions.	Total Population (in Wards). Cause of 1880.	REMARKS.	Total in Institutions.		
		NEW YORK.—DEATHS FROM SMALL-POX, MEASLES, SCARLATINA, DIPHThERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, MALARIAL FEVER, PUPPERAL FEVER, DIARRHÆA, MALADIES, CEREBRO-SPINAL FEVER, AND OTHER ZYMOTIC DISEASES.																			
		Actual Mortality during the Year 1887.																			
		Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Malarial Fevers.	Pupperal Fever.	All Diarrhæal Diseases.	Cerebro-Spinal Fever.	Other Zymotic Diseases.	Total Deaths from Zymotic Diseases.							
First.....	154	..	16	4	(2)	(2)	9	..	2	5	1	(5)	1	(1)	(9)	443	421	17,939	Castle Garden and Emigrant Depot, 20; Floating Hospital of St. John's Guild 2.....	22	
Second.....	81	..	..	..	2	..	..	..	1	..	..	..	..	(1)	(1)	24	23	4,668	Second Precinct Station, 1.....	1	
Third.....	95	..	1	..	6	..	..	2	1	..	1	1	3	(2)	(4)	189	76	3,582	House of Relief, No. 160 Chambers street, 113.....	113	
Fourth.....	83	..	17	8	19	20	2	1	9	..	58	5	11	(3)	(160)	608	607	20,996	Newshoys' Lodging House.....	1	
Fifth.....	168	..	8	4	29	16	4	4	2	..	45	..	9	(3)	(121)	396	382	15,845	Trinity Infirmary, No. 50 Varick street, 14.....	14	
Sixth.....	86	1	(1)	(2)	6	43	40	2	7	8	..	74	2	(5)	(220)	803	792	20,196	City Prison, 3; Home of Industry, 5; Sixth Precinct Station, 3.....	11	
Seventh.....	198	..	12	41	79	39	4	8	6	..	151	15	21	(18)	(376)	1,431	1,325	50,066	Gouverneur Hospital, 105.....	105	
Eighth.....	183	..	25	35	74	31	4	3	7	1	90	9	22	(1)	(301)	1,097	1,096	35,579	Eighth Precinct Station, 1.....	1	
Ninth.....	322	..	15	21	62	21	3	12	11	..	114	10	21	(1)	(290)	1,408	1,182	54,596	St. Vincent's Hospital, 224; Jefferson Market Prison, 1; Home for Old Men and Aged Couples, 2.....	227	
Tenth.....	110	1	12	37	82	52	2	7	7	4	141	4	29	(1)	(378)	1,250	1,245	47,554	Essex Street Prison, 1; Eleventh Precinct Station, 4.....	5	
Eleventh.....	196	..	18	32	58	34	11	24	5	1	137	8	25	(1)	(353)	1,487	1,223	68,778	St. Francis' Hospital, 262; Thirteenth Precinct Station, 2.....	264	
Twelfth.....	5504.13	(1)	31	101	(12)	(2)	1	(16)	(6)	1	(108)	(3)	(78)	(268)	(1,612)	5,635	4,096	81,800	(Reception Hospital, Ninety-ninth street, 25; New York City Asylum for Insane, 251; Colored Orphan Asylum, 2; Ward's Island, 148; Randall's Island, 462; Bloomingdale Lunatic Asylum, 24; St. Joseph's Asylum, 3; House of Refuge, 6; Idiot Asylum, Randall's Island, 3; Home of Good Shepherd, 9; Deaf and Dumb Asylum, 3; Convent of Sacred Heart, 3; Homeopathic Hospital, 273; Home for Aged and Infirm Hebrews, 16; Leake and Watt's Orphan Home, 1; Magdalene Convent, 1; St. Luke's Home, 1; Deborah Nursery, 3; New York Juvenile Asylum, 7; Old Ladies' Home, 4; St. Joseph's Hospital, 137; Hebrew Orphan Asylum, 1; Home for Respectable Aged and Infirm, 1; Little Sisters of the Poor, 15; Manhattan Hospital, 39; Christian Home, 1; St. Joseph's Home, 1; Harlem Hospital, 61; Twenty-ninth Precinct Station, 2; Hebrew Sheltering and Guardian Society, 3; St. Ann's Home, 4; Methodist Episcopal Church Home, 8; Laura Franklin Free Hospital for Children, 8; Thirty-first Precinct Station, 1; Home for Aged and Indigent Women, 2; Nursery and Child's Fold, 1; Home of the Blind, 2; Unsectarian Home, 7.....)	1,530	
Thirteenth.....	107	..	11	27	52	37	5	6	5	1	87	4	7	(1)	(242)	936	935	37,797	Twelfth Precinct Station, 1.....	1	
Fourteenth.....	96	..	44	17	82	48	12	2	8	1	84	3	20	(1)	(396)	1,006	1,006	30,171	.....	.....	
Fifteenth.....	198	..	10	8	22	11	..	5	6	..	50	8	11	(2)	(126)	513	509	31,882	Mission of the Immaculate Virgin, 1; St. Barnabas' Home, 2; St. Benedict's Home, 1.....	4	
Sixteenth.....	348.77	(2)	7	10	71	16	1	11	13	3	89	8	17	(4)	(240)	1,182	1,105	52,188	(Samaritan Home for the Aged, 4; St. Joseph's Home for the Aged, 23; French Hospital, 42; Home of the Church of the Holy Communion, 5; Baby's Shelter, 1; Trinity Hospital, 1.....)	77	
Seventeenth.....	331	1	18	49	145	45	24	17	13	5	252	7	45	(2)	(620)	2,274	2,215	104,837	(Eye and Ear Infirmary, 4; House of the Holy Trinity, 1; New York Lying-in-Asylum, 2; Lodge and Association Hospital, 49; Office of the Commissioners of Charities and Correction, 2; St. Andrew's Hospital, 1.....)	39	
Eighteenth.....	449.89	(3)	5	18	(51)	(1)	32	4	20	17	1	155	10	(116)	(29)	449	1,731	1,331	66,612	(Home of the Church of the Holy Communion, 1; New York Hospital, 247; New York Infirmary for Women and Children, 12; Post Graduate Hospital, 46; New York Ophthalmic Hospital, 4; Willard Parker Hospital, 86; Eighteenth Precinct Station, 1; Home for the Aged, 1; Skin and Cancer Hospital, 2.....)	400
Nineteenth.....	1480.60	(1)	129	(8)	(70)	(7)	5	(33)	(3)	(1)	205	(2)	(82)	(546)	(1,932)	7,098	4,358	158,191	(Presbyterian Hospital, 125; German Hospital, 124; Mt. Sinai Hospital, 167; Foundling Hospital, 516; Women's Hospital, 26; City Lunatic Asylum, 153; Almshouse, 360; Penitentiary, 12; Charity Hospital, 560; Colored Home Hospital, 137; Nursery and Child's Hospital, 192; St. Luke's Hospital, 153; Workhouse, 100; Roman Catholic Orphan Asylum, 6; Hospital for Ruptured and Crippled, 9; Baptist Home, 13; Maternity Hospital, 4; Twenty-fifth Precinct Station, 1; Hahnemann's Hospital, 18; Manhattan Eye and Ear Hospital, 2; Presbyterian Home, 3; Montefiore Home, 15; Convent of Lady of Rosary, 1; Fifty-seventh Street Prison, 3.....)	2,720	
Twentieth.....	444	1	31	33	142	(1)	12	13	20	4	239	10	40	(5)	(615)	2,240	2,208	86,015	(St. Elizabeth's Hospital, 13; St. Mary's Hospital, 13; Nineteenth Precinct Station, 4; Trinity Home, 1; St. Vincent de Paul's Nursery 5; Faith Home, 1; Twentieth Precinct Station, 1.....)	38	
Twenty-first.....	471	..	21	14	57	34	8	19	10	3	144	11	106	(87)	(2570)	1,309	66,536	66,536	(Bellevue Hospital, 1,238; Skin and Cancer Hospital, 5; Home of the Friendless, 4; Emergency Hospital, 13; Columbine Hospital, 1.....)	1,261	
Twenty-second.....	1529.42	3	54	39	213	(6)	11	11	42	2	310	26	61	(83)	(874)	3,277	2,975	111,666	(Roosevelt Hospital, 270; New York Infant Asylum, 24; New York Orphan Asylum, 1; New Medical College and Hospital for Women, 4; Children's Fold, 1; St. John's Home, 1; Ambulance, 1.....)	302	
Twenty-third.....	4267.023	(81)	82	10	9	70	35	3	16	90	..	87	2	20	(354)	971	888	28,338	Thirty-third Precinct Station, 1; North Brother Island Hospitals, 82.....	83	
Twenty-fourth.....	8050.323	1	6	(1)	3	10	1	1	2	12	1	18	2	3	(1)	378	253	13,288	(House of Rest for Consumptives, 44; Home for Incurables, 30; Thirty-fourth Precinct Station, 1; Peabody Home, 1; St. Joseph's Institute for Deaf Mutes, 1; New York Skin and Cancer Hospital, 28.....)	125	
Totals.....	24893.156	(86)	171	(41)	(144)	(14)	(6)	(116)	(18)	(2)	(305)	(15)	(336)	(1,214)	(10,169)	38,933	31,559	1,206,299	Total mortality in Public Institutions.....	7,374	

Figures in parentheses represent mortality in institutions

*Deaths Reported from Small-pox, Measles, Scarlatina, Diphtheria, Membranous Croup, Whooping Cough, Cerebro-Spinal and Malarial Fevers, during Quarter ending Saturday, December 31, 1887*

[illegible]

\* In transit.



*Hours at which Deaths Occurred.*

DISEASE.	A. M.												P. M.												Not stated.	Total.	
	1 o'clock.	2 o'clock.	3 o'clock.	4 o'clock.	5 o'clock.	6 o'clock.	7 o'clock.	8 o'clock.	9 o'clock.	10 o'clock.	11 o'clock.	12 o'clock.	1 o'clock.	2 o'clock.	3 o'clock.	4 o'clock.	5 o'clock.	6 o'clock.	7 o'clock.	8 o'clock.	9 o'clock.	10 o'clock.	11 o'clock.	12 o'clock.			
Small-pox.....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	1	..	..	..	1	..	5		
Measles.....	2	3	3	2	4	4	1	4	3	3	3	5	1	1	3	1	1	3	1	2	2	1	1	1	..	55	
Scarlatina.....	9	6	7	6	10	13	6	11	12	12	6	2	11	8	5	10	9	8	9	10	5	9	7	3	1	195	
Diphtheria.....	27	26	28	20	28	24	21	21	26	26	33	15	26	21	32	22	23	27	22	28	20	19	24	13	4	585	
Membranous Croup.....	11	9	17	10	8	8	4	8	10	12	11	2	9	9	8	11	15	11	12	12	11	12	13	9	2	..	234
Whooping Cough.....	1	1	..	..	1	2	1	3	2	2	2	..	..	1	2	2	2	..	..	2	..	2	1	..	..	27	
Typhoid Fever.....	4	1	4	3	3	6	4	6	4	2	5	1	4	5	7	2	4	3	6	1	1	4	5	1	1	81	
Cerebro-Spinal Fever.....	1	..	..	5	3	..	1	1	1	1	1	3	1	1	..	3	4	3	1	1	2	..	3	2	..	35	
Malarial Fevers.....	2	2	5	1	4	3	7	3	3	3	6	2	3	5	10	8	1	3	5	1	3	4	4	1	1	90	

*Suicidal Deaths, showing the Nativities, Sexes and Means used, with the Ages of Decedents, for the Year 1887, as reported to the Division of Vital Statistics.*

PLACE OF BIRTH.	Cutting throats, stabs, etc.		Hanging.		Gunshot wounds.		Leaps from windows, balconies, roofs, etc.		Drowning.		Strangulation.		Illuminating gas.		Knocking his head against cell wall.		Paris green.		Arsenic.		Rough on rats.		Opium.		Morphue.		Laudnum.		Oxalic acid.		Hydrocyanic acid.		Phosphorus.		Carbolic acid.		Cyanide of potash.		Corrosive sublimatn.		Oil of bitter almond.		TOTAL BY SEXES.		TOTAL BOTH SEXES.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.			
Austro-Hungary .....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2			
British-America .....	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		
Bohemia .....	..	..	2	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		
Belgium .....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
China .....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Denmark .....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
England .....	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5		
France .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1			
Germany .....	9	2	13	6	43	..	4	1	7	2	2	1	..	..	..	..	2	6	4	..	3	1	1	..	1	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	95		
Holland .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Ireland .....	1	..	2	1	3	..	2	1	..	1	..	..	..	..	..	..	3	4	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	..	1	..	..	..	..	14			
Italy .....	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3		
Japan .....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Poland .....	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Russia .....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Spain .....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Sweden .....	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		
Switzerland .....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Scotland .....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2		
United States .....	3	3	3	..	12	2	3	1	..	1	1	..	1	..	1	..	2	..	2	1	2	4	1	2	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	35		
Unknown .....	..	..	3	..	2	..	..	..	2	1	..	..	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9		
Wales .....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Total .....	16	5	25	9	69	2	13	4	11	5	4	1	4	..	1	..	8	11	6	2	5	5	3	3	5	..	2	..	2	..	3	..	1	..	2	4	1	1	1	..	1	..	183		

	UNITED STATES.		FOREIGN.		COLORED.		15-20		20-25		25-30		30-35		35-40		40-45		45-50		50-55		55-60		60-65		65-70		70-75		75-80		TOTAL BY SEXES		TOTAL, BOTH SEXES.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Total by Sexes .....	35	17	148	35	*1	..	7	7	17	8	23	4	24	8	29	6	16	5	19	5	12	4	14	2	6	3	11	..	2	..	3	..	183	52	235
Total, both Sexes .....	52		183		1		14		25		27		32		35		21		24		16		16		9		11		2		3		235		

\*Colored male, 30 years of age, incised wound of throat.

*Abstract of Marriages Solemnized in the City of New York, and Reported to the Sanitary Bureau, Division of Vital Statistics, during the Quarter ending December 31, 1887.*

1887.	TOTAL.	COLOR.				NATIVITY.								CONDITION.											
		WHITE.		BLACK.		FOREIGN.		NATIVE.		BORN AT SEA.		NOT STATED.		FIRST MARRIAGE.		SECOND MARRIAGE.		THIRD MARRIAGE.		FOURTH MARRIAGE.		FIFTH MARRIAGE.		NOT STATED.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
October .....	1,335	1,309	1,309	26	26	208	731	526	603	1	..	..	1	1,135	1,166	173	145	8	4	1	..	..	..	18	20
November.....	1,434	1,407	1,409	27	25	905	824	528	608	..	..	1	2	1,261	1,309	162	193	8	2	1	..	..	..	2	..
December .....	1,220	1,186	1,186	34	34	767	687	451	533	1	..	1	..	1,062	1,104	145	114	11	1	1	..	..	..	1	1
Total .....	3,989	3,902	3,904	87	85	2,480	2,242	1,505	1,744	2	..	2	3	3,458	3,579	470	382	27	7	3	..	..	..	21	21
Total for year 1887...	13,740	13,491	13,499	249	241	8,489	7,694	5,236	6,033	7	3	8	10	11,953	12,311	1,639	1,339	105	39	6	1	1	..	36	50

## Ages of Persons Married.

1887.	MONTH OF	UNDER 20.		20 TO 25.		25 TO 30.		30 TO 35.		35 TO 40.		40 TO 45.		45 TO 50.		50 TO 55.		55 TO 60.		60 TO 65.		65 TO 70.		70 TO 80.		80 TO 90.		NOT STATED.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
	October.....	18	273	402	565	410	282	205	110	113	52	59	29	31	10	13	6	10	4	5	2	5	..	4	..	..	..	..	2
	November.....	15	362	540	597	448	283	197	95	119	54	52	21	26	8	13	8	9	..	10	2	2	2	3	..	..	..	..	2
	December.....	17	356	450	491	375	227	181	66	68	48	53	13	24	9	9	6	6	1	4	1	3	..	..	..	..	..	..	2
	Total.....	50	991	1,452	1,653	1,233	792	583	271	300	154	164	63	81	27	35	20	25	5	19	5	10	2	7	..	..	..	..	6
	Total for year 1887....	275	3,818	5,130	5,693	4,229	2,539	1,945	922	957	491	554	235	274	113	160	63	86	20	61	9	24	3	18	..	1	..	15	34

## Nativity of Persons Married in New York City and Reported to the Sanitary Bureau, Division of Vital Statistics, during the Quarter ending December 31, 1887.

NATIVITY OF BRIDE.	NATIVITY OF GROOM.																																	
	TOTAL.	Austria and Hungary.	Bohemia.	Belgium.	British America.	Denmark.	England.	France.	Germany.	Holland.	Ireland.	Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	Switzerland.	Spain.	United States.	Unknown.	Wales.	West Indies.	Roumania.	At Sea.	China.	South America.	Greece.	Central America.	Australia.	India.	Turkey.	East Indies.	
Austria and Hungary.....	224	170	2	..	..	..	1	1	21	..	..	1	..	3	21	..	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..
Bohemia.....	62	4	47	..	..	..	..	1	8	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	
Belgium.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
British America.....	25	..	..	1	5	..	2	1	..	..	2	..	1	..	..	..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	
Denmark.....	6	..	..	..	..	4	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
England.....	136	1	..	..	3	1	49	2	8	..	10	..	..	3	4	1	..	..	..	48	..	1	1	..	..	2	..	..	1	1	1	1	1	
France.....	48	..	..	1	1	..	3	20	6	..	1	2	..	..	..	1	..	4	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	
Germany.....	878	20	2	..	2	4	12	4	701	3	1	2	1	4	15	2	1	12	..	88	1	..	..	..	1	..	..	..	..	..	1	1	1	
Holland.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ireland.....	254	1	..	..	4	..	18	3	13	..	138	3	1	..	..	4	3	2	..	60	..	2	1	..	..	..	..	..	..	1	1	1	1	
Italy.....	250	1	..	..	..	..	..	..	..	..	..	244	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	1	..	..	..	..	..	
Norway.....	12	..	..	..	..	..	1	..	..	..	..	..	6	..	..	1	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Poland.....	16	1	..	..	..	..	..	..	1	..	..	..	..	10	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Russia.....	143	6	..	..	..	..	1	..	6	..	..	..	..	2	125	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
Scotland.....	36	1	..	..	..	..	2	1	..	..	1	..	..	..	28	..	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
Sweden.....	65	..	..	..	1	..	3	1	5	..	1	1	2	..	..	48	1	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
Switzerland.....	42	..	..	1	..	..	1	3	16	..	..	..	..	..	..	1	16	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Spain.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
United States.....	1,744	27	..	1	21	4	78	11	221	1	48	10	2	3	17	21	..	6	1,253	1	2	8	..	1	1	1	..	2	2	2	2	2	1	
Unknown.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Wales.....	8	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..	
West Indies.....	7	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	4	..	..	2	..	..	..	..	..	..	..	..	..	..	..	
Roumania.....	20	3	..	..	..	..	..	..	1	..	..	..	..	3	..	..	..	..	..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	
India.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
South America.....	4	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Turkey.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	
Central America.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total for quarter.....	3,989	235	51	4	37	13	175	48	1,009	4	202	263	14	25	188	58	54	42	1	1,505	2	6	13	18	2	3	4	1	1	3	4	3	1	

## Abstract of Births for the Quarter ending December 31, 1887.

FOURTH QUARTER, 1887.	TOTAL.	COLOR.		SEX.		NATIVITY OF PARENTS.								NAME OF CHILD.	AGE OF PARENTS.																						
		White.	Colored.	Male.	Female.	Not stated.	Foreign.	Native.	Foreign Father only.	Foreign Mother only.	Nativity of Father stated only.	Nativity of Mother stated only.	Not stated.		MOTHER.												FATHER.										
															Stated.	Not stated.	12 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	Over 50 years.	Not stated.	Multiple Births.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	Over 50 years.	Not stated.	
October.....	3,159	3,132	27	1,637	1,522	..	1,765	762	405	188	..	..	25	43	1	2,684	475	..	130	883	1,018	627	351	98	8	..	44	26	7	360	890	776	559	282	111	57	117
November...	2,962	2,940	22	1,552	1,410	..	1,660	776	343	154	..	..	18	11	..	2,547	415	..	145	862	907	566	317	88	10	..	67	28	14	361	863	706	498	238	112	49	121
December.....	3,176	3,135	41	1,640	1,535	1	1,776	824	367	179	..	..	13	17	..	2,716	460	..	134	869	1,009	619	358	105	7	..	75	20	8	382	895	805	488	285	134	56	123
Total.....	9,297	9,107	90	4,829	4,467	1	5,202	2,362	1,115	521	..	..	56	41	1	7,947	1,350	..	409	2,614	2,934	1,812	1,026	231	25	..	186	*74	29	1,103	2,648	2,287	1,545	805	357	162	361
Total for year..	34,023	33,661	362	17,515	16,507	1	18,798	9,021	4,007	1,862	2	..	203	128	2	29,120	4,903	1	1,584	9,694	10,779	6,131	3,698	1,070	109	1	656	†304	103	4,092	9,826	8,394	5,434	3,013	1,275	574	1,312

\* Two triplets, one colored twin.

† Two triplets, seven colored twins.

## Number of Children Borne by each Mother.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	NOT STATED.
Native.....	1,107	700	562	377	265	186	105	72	53	19	10	11	1	2	1	1	..	..	..	..	..	46
Foreign.....	1,475	1,138	877	596	443	349	252	188	151	87	41	29	16	11	7	..	1	..	..	..	..	115
Not Reported.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	2,583	1,838	1,439	973	708	535	357	260	204	106	51	40	17	13	8	1	1	..	2	..	..	161
Total for year..	9,589	6,920	5,021	3,577	2,524	1,879	1,280	974	706	407	226	134	82	47	15	7	3	1	2	..	..	629



Nativity of Parents of Children Born in New York City and Reported to the Sanitary Division of Vital Statistics, during the Quarter ending December 31, 1887.

NATIVITY OF MOTHER.	TOTAL.	NATIVITY OF FATHER.																			
		Austria and Hungary.	Bohemia.	Belgium.	British America.	Denmark.	England.	France.	Germany.	Holland.	Ireland.	Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	Switzerland.	Spain.	United States.	Unknown.
Austria and Hungary.....	527	472	1	..	..	..	2	1	18	..	..	..	9	9	..	..	..	..	1	10	2
Bohemia.....	250	2	233	..	..	..	1	6	..	..	..	..	1	..	..	..	..	..	3	4	..
Belgium.....	5	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
British America.....	74	..	..	..	24	1	6	1	5	..	8	..	..	..	1	4	..	..	23	..	..
Denmark.....	13	..	..	..	..	7	1	..	3	..	..	2	..	..	..	..	..	..	..	..	..
England.....	272	..	..	1	3	1	111	1	11	1	30	1	6	8	5	1	1	2	82	3	2
France.....	66	..	..	1	1	..	44	4	..	..	..	1	..	..	..	2	..	..	9	1	..
Germany.....	2,122	17	2	..	3	1	9	13	1,867	2	7	1	19	13	..	10	..	..	130	28	..
Holland.....	10	..	..	..	..	..	..	3	4	..	..	..	..	..	..	..	..	..	3	..	..
Ireland.....	1,303	2	..	1	13	1	42	8	23	..	940	3	1	..	1	19	2	4	227	10	1
Italy.....	221	1	..	..	..	..	2	2	..	..	..	215	..	..	..	..	..	..	1	..	..
Norway.....	14	..	..	..	..	..	..	1	..	..	..	8	..	..	..	3	..	..	1	..	..
Poland.....	334	..	1	..	..	..	..	..	..	..	..	327	3	..	..	..	..	..	1	2	..
Russia.....	270	1	..	..	..	..	..	2	..	..	..	1	3	260	..	..	..	..	1	2	..
Scotland.....	86	..	..	..	..	..	4	1	1	..	16	..	..	..	50	..	..	..	12	..	1
Sweden.....	82	1	..	..	..	..	..	6	..	1	..	..	..	1	60	..	..	..	12	1	..
Switzerland.....	52	..	..	..	..	..	3	16	..	1	..	..	..	..	30	..	..	..	2	..	..
Spain.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
United States.....	3,518	19	5	1	28	4	113	15	534	6	291	17	2	13	9	20	2	10	2,362	41	4
Unknown.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Wales.....	11	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	9	..	..
West Indies.....	14	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	1	9	..
At Sea.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Africa.....	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Australia.....	4	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	..
East Indies.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Roumania.....	41	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	39
South America.....	3	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2
Totals.....	9,297	515	242	7	72	15	293	91	2,502	14	1,296	238	14	379	305	100	68	57	8	2,881	97

Still-Births in New York City Reported during the Quarter Year ending December 31, 1887.

NATIVITY OF MOTHER.	TOTAL.	NATIVITY OF FATHER.																
		Austria.	Bohemia.	Belgium.	British America.	Denmark.	England.	France.	Germany.	Ireland.	Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	United States.	Unknown, or not stated.
Austria.....	32	29	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..
Bohemia.....	14	..	13	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
British America.....	4	..	..	..	2	..	1	..	..	..	..	..	..	..	1	..	..	..
Denmark.....	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
England.....	17	..	..	..	1	..	5	..	2	2	..	..	..	2	..	5	..	..
France.....	6	..	1	..	..	..	..	2	1	..	..	..	..	..	..	..	2	..
Germany.....	164	1	..	..	..	..	..	1	149	1	..	..	1	2	..	5	4	..
Ireland.....	140	1	..	..	..	..	2	1	10	100	..	..	..	..	..	19	6	1
Italy.....	63	..	..	..	..	..	..	..	..	..	61	..	..	..	..	..	2	..
Norway.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland.....	20	..	..	..	..	..	..	..	..	..	..	1	19	..	..	..	..	..
Russia.....	22	..	..	..	..	..	..	..	1	..	..	..	..	21	..	..	..	..
Scotland.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..
Sweden.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..
Switzerland.....	3	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..
United States.....	273	..	..	..	..	..	7	..	34	31	1	..	..	2	2	185	8	3
Unknown, or not stated.....	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	52	..
Totals.....	818	31	13	1	4	1	15	4	200	134	63	1	21	27	6	2	216	75

TOTAL.	SEX.			COLOR.			NATIVITY OF						PERIOD OF UTERO-GESTATION.									
	Male.	Female.	Not stated.	White.	Colored.	Not stated.	FATHER.			MOTHER.			MONTH.									
							Native.	Foreign.	Not stated.	Native.	Foreign.	Not stated.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Not stated.
Total.....	818	483	331	4	802	16	216	527	75	273	493	52	3	15	42	45	85	108	131	383	3	3
Total for year.....	3,100	1,774	1,299	27	3,011	84	901	1,900	299	1,052	1,831	217	10	53	127	192	386	441	494	1,381	11	5

## OFFICE OF THE SECRETARY—NOTICES OF THE BOARD.

The notices of the Board for the abatement of nuisances are issued upon the facts and evidence contained in the written reports of the Sanitary Inspectors, the result of personal inspection of premises complained of. During the three months ending December 31, 1887, the number of notices issued by the Board was 5,604. These notices call the attention of owners, lessees and agents to violations of the Sanitary Code in each case, and require the necessary alteration, repair, cleaning, and improvement of the premises named within five days from the receipt of the notice. If, upon re-inspection, it is found that the requirements of the notice have not been complied with, a suit for penalty is commenced against the delinquents under section 82, chapter 335, Laws of 1873.

The subjects of the notices of the Board above referred to, are as follows:

Alleys cleaned, disinfected, graded, paved, connected with street gutter or sewer.  
 Apartments cleaned, disinfected, or ventilated.  
 Areas connected with sewer, cleaned, disinfected, pavements of, graded and repaired.  
 Balusters of stairs repaired.  
 Basements cleaned and disinfected.  
 Business of lard-rendering, slaughtering, gut-cleaning, fat-rendering, storing bones, manufacturing fertilizers, smoking sausages, or storing rags discontinued.  
 Buildings cleaned or inclosed.  
 Ceilings cleaned, whitewashed, or repaired.  
 Cows removed.  
 Cesspools disinfected, emptied, cleaned, filled, constructed, repaired, or covered.  
 Chimneys repaired, extended, cleaned, or obstructions removed.  
 Cisterns disinfected, emptied, cleaned, or covered.  
 Drains cleaned, constructed, covered, repaired, removed, obstructions in removed, or connected with sewer.  
 Excavations cleaned, repaired, relaid, graded, or connected with sewer.  
 Floors cleaned, repaired, relaid, graded, cemented, or connected with sewer.  
 Fowls removed (number of notices).  
 Gutters (house or street) provided, repaired, cleaned, disinfected, obstructions in removed, connected with street sewer, street gutter, or cesspool.  
 Garbage receptacles provided, removed, cleaned, and disinfected.  
 Halls cleaned.  
 Joints closed or calked with lead.  
 Leaders repaired, provided, extended, adjusted, connected with sewer, street gutter, or privy vault.  
 Lots (vacant) cleaned, disinfected, inclosed, filled, graded, connected with sewer or street gutters.  
 Manure vaults disinfected, emptied, cleaned, covered, filled, constructed, or lined.  
 Manholes covered and repaired and removed.  
 Pipe (soil, waste, or supply) repaired, trapped, removed, extended, graded, cemented, ventilated or repaired, and openings closed.  
 Privy vaults disinfected, emptied, cleaned, ventilated, lined with brick, repaired, cemented, constructed, filled, or removed.  
 Privy-houses cleaned, disinfected, repaired, constructed, removed, adjusted to vaults, or seats of provided with cover.  
 Pipe (soil, waste, sewer, or iron) provided.  
 Railings provided.  
 Roofs repaired or cleaned.  
 School-sinks provided, cleaned, or repaired.  
 Sewer-pipes provided, repaired, obstructions in removed, trapped, or openings in closed.  
 Sinks provided, repaired, cleaned, removed, flushed, connected with street sewer or street gutters.  
 Sidewalks cleaned, repaired, graded, flagged, or obstructions in removed.  
 Smoke-pipes extended, repaired.  
 Stables cleaned, removed, repaired, or connected with street sewer.  
 Stagnant water removed.  
 Spaces cleaned, disinfected, graded, cemented, filled, or connected with street sewer.  
 Stairways cleaned or repaired.  
 Urinals cleaned, disinfected, repaired, flushed, connected with sewer, removed, or floor covered with zinc.  
 Walls cleaned, whitewashed, or repaired.  
 Water-closets repaired, cleaned, disinfected, flushed, constructed, ventilated, or connected with street sewer.  
 Yards cleaned, disinfected, filled, graded, paved, grade of pavements repaired, relaid in cement, or connected with street sewer.  
 Amount of fees received for searches and transcripts of the records of births, marriages and deaths, and deposited with the City Chamberlain, was.....\$714 10

## OFFICE OF THE ATTORNEY AND COUNSEL.

The number of orders received for prosecution.....	2,535
Attorney's notices issued.....	3,207
Nuisances abated.....	2,080
Civil actions commenced.....	651
Pending from last quarter.....	180
Total.....	831
Discontinued from all causes.....	379
Judgments obtained.....	89
Summons not served, etc.....	105
Pending.....	258
Total.....	831
Executions during the quarter.....	38
Number of actions tried in criminal courts.....	183
Fines recovered in Criminal Courts and paid to City.....	\$9,500 00

JAMES C. BAYLES, President.

EMMONS CLARK, Secretary.

## AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, March 7, 1888, at 3 o'clock P. M.*

Present—Commissioners Spencer, Dowd, the Commissioner of Public Works, and Commissioners Baldwin, Barnes, Ridgway and Fish; also Chief Engineer Church, Deputy Chief Engineer Rice, and Chief Engineer Birdsall, of the Department of Public Works.

The minutes of the stated meeting of February 29, 1888, were read, amended and approved.

The Committee of Finance and Audit submitted the following report:

The Committee of Finance and Audit, to whom were referred the bids received for Work No. 1. Furnishing, delivering and laying 43-inch cast-iron pipe, etc., on Section 16 of the New Croton Aqueduct;

Work No. 2. Furnishing and delivering cast-iron pipe, etc., on Sections 16 and 17 of the New Croton Aqueduct;

Work No. 3. Handling and hauling and laying 48 inch cast-iron pipe, etc., on Section 16 of the New Croton Aqueduct;

—have examined the same, and report: That the bids were accompanied by checks, with the exception of the bid of Ripley, Andrews & Co., for Work No. 3, for handling and hauling and laying 48-inch cast-iron pipes, etc., on Section 16 of the New Croton Aqueduct; and that the checks received, amounting to \$225,750, were correct, and the same transmitted to the Comptroller, and the receipts therefor are on file with the Commission.

The Committee approve of the sufficiency of the sureties proposed by the bidders.

The bids were found correct as to their formality, with the following exceptions, viz: Bid No. 2, of Reading Foundry Company, Limited, for Work No. 2, for furnishing and delivering cast-iron pipe, etc., on Sections 16 and 17 of the New Croton Aqueduct.

Bid for only 10,000 tons of Item A, specifications called for 24,700 tons.

Affidavit not signed by notary public.

Bid No. 4, of W. E. Dean, for Work No. 3, for handling and hauling and laying 48-inch cast-iron pipe, etc., on Section 16 of the New Croton Aqueduct.

Bid not signed by bidder.

Bid No. 7, of Ripley, Andrews & Co., for Work No. 3, for handling and hauling and laying 48-inch cast-iron pipe, etc., on Section 16 of the New Croton Aqueduct.

Bid not accompanied by deposit check.

The Committee are of the opinion that the said bids, viz: bid No. 2, of Reading Foundry Company, Limited, for work No. 2, for furnishing and delivering cast-iron pipe, etc., on sections 16 and 17 of the New Croton Aqueduct; bid No. 4, of W. E. Dean, for work No. 3, for handling and hauling and laying 48 inch cast-iron pipe, etc., on Section 16 of the New Croton Aqueduct; and bid No. 7, of Ripley, Andrews & Co., for work No. 3, for handling and hauling and laying 48-inch cast-iron pipe on Section 16 of the New Croton Aqueduct, are therefore informal.

On motion of Commissioner Dowd, the report was laid on the table temporarily, for the reason that an injunction had been served upon the Commissioners requiring them to show cause on Monday next, 12th instant in the Supreme Court, why the contract for said work should not be awarded to the parties named in the injunction order.

The Committee on Construction recommended the adoption of the following resolution:

Resolved, That the Chief Engineer is hereby authorized to make experiments to test the resistance of brick, stone and other materials to the percolation of water under high pressures; said experiments being deemed necessary in considering the proper selection of materials to be used in the construction of the Quaker Bridge Dam; the cost thereof not to exceed \$500. Adopted.

Also recommended the adoption of the following resolution:

Resolved, That William F. Hopper and Herrman Blumenthal are hereby appointed to the position of Axemen in the Engineer Corps, in place of John P. R. Taaffe and James Walstead, appointed Inspectors, their pay to commence from the date of their assignment to duty by the Chief Engineer. Adopted.

Also recommended the adoption of the following resolution:

Resolved, That John Mack is hereby appointed Stableman at the Tarrytown Headquarters, in the place of George McCormack, deceased, at a salary of \$60 per month, his pay to commence from the date of his assignment to duty by the Chief Engineer. Adopted.

Also recommended the adoption of the following resolution:

Resolved, That upon the requisition of the Chief Engineer, Richard B. Disbrow and Henry Oscar Cole are hereby appointed Inspectors of Masonry, their pay to commence from the date of their assignment to duty by the Chief Engineer. Adopted.

Also recommended the adoption of the following resolution:

Resolved, That Mr. Joseph P. Davis, C. E., Mr. J. J. R. Croes, C. E., and Mr. Hermann Schussler, C. E., are hereby appointed a Board of Experts to take into consideration the plans of the Quaker Bridge Dam, as projected by the Engineers of this Commission, and modifications which may have been or may hereafter be suggested by others, either in plan or cross-section; and said experts are requested to advise the Commissioners fully on the subject, and especially as to the proper mode of construction of the dam and materials to be used in its construction.

The resolution was adopted, Commissioners Ridgway and Fish voting in the negative.

A communication was received from C. L. Kalmbach, Tunnel Inspector, addressed to the Chief Engineer, asking for one month's leave of absence, without pay, to begin from the 13th instant; and the same having the approval of the Chief Engineer, on motion of Commissioner Barnes, was granted.

The Committee on Real Estate submitted the following report:

The leases of the buildings now used by the Division Engineers of the Fifth and Fourth Divisions, and by the Principal Assistant Engineer at Tarrytown, expire on the 1st day of May next.

The headquarters of Division No. 5 are now in flats on One Hundred and Twenty-fifth street, at a cost of \$840 per annum, but much better quarters for the work upon the pipe-line can be obtained in One Hundred and Twenty-third street, or elsewhere, at a cost of \$1,000 per annum.

The headquarters of Division No. 4 are at Morris Dock, but the Chief Engineer deems it unnecessary to keep that building and would prefer to get rooms in Yonkers, at a reduced expense.

The headquarters at Tarrytown should probably be kept for another year.

We therefore recommend that authority be given to this Committee to make such arrangements and leases as may be most advantageous in all the above cases.

The report of the Committee was approved, and the recommendation therein contained adopted.

Also submitted the following report:

In relation to the matter of the protection of the New Aqueduct through the lands of "Mount Hope Cemetery" property, in the town of Greenburgh, in Westchester County, which was referred to this Committee by your resolution of the 13th ultimo, we report as follows:

The Committee and Chief Engineer Church have had a conference with Mr. Sidney Dillon and Chief Engineer Ecclestein of the Cemetery Company, and have carefully examined the maps showing the location and formation of the rock on that property, and have come to an understanding with said company which we believe will fully protect the Aqueduct, and is as follows:

The commissioners are to give to said company the use of all stone on the dumping ground of Shaft 15½ (except that required for the construction of the Aqueduct, Shaft, etc.) to be used in constructing roads and other improvements on said Cemetery lands: and in consideration thereof, the said Cemetery Company agrees that no interments shall ever be made upon a strip of land, 150 feet in width, along the line of the New Aqueduct; the said strip to be 75 feet in width on each side of the centre line of the Aqueduct, from Ravensdale road to Shaft 15½; and from said Shaft northward to the boundary line of the Cemetery lands, said strip to be 50 feet in width on the easterly side, and 100 feet in width on the westerly side of said centre line; the formation and location of the rock making this difference in width most advantageous for the protection of the Aqueduct. The Cemetery Company also agree to give a right of way over their lands from the Ravensdale road to the Shaft.

We therefore recommend your adoption of the following resolution:

Resolved, That the Committee on Real Estate be and they are hereby authorized, with the approval of the Counsel to the Corporation, to prepare an agreement with the Mount Hope Cemetery Association to carry out the arrangement to prevent interments on lands along the line of the New Aqueduct, as set forth in the report of said Committee of this date; and the President and Secretary of this Commission are hereby authorized and empowered to execute said agreement on behalf of the Aqueduct Commissioners.

On motion of Commissioner Ridgway the report was laid on the table.

A communication was received from the Secretary, submitting affidavit of William H. Coldwell, of the firm of Coldwell, Wilcox & Co., contractors, for constructing the iron work for the Saw Mill river blow-off and waste weir, showing that the claims of all persons who have done work or furnished materials for or in connection with said work have been adjusted and paid, and form of acceptance to be executed by the Commissioners accepting of said work, and also form of release to be executed by the said William H. Coldwell releasing the City from all claims of any nature that they may have for doing said work.

On motion of Commissioner Barnes, the communication and all the papers therein mentioned were referred to the Committee of Finance and Audit.

The Secretary gave notice of the filing of a lien by Matthew Fitzsimons against sections 13 and 14 of the New Aqueduct, which was ordered placed on file, and notice given to the Contractors for said sections of this action.

The following communication was received from the Commissioners of Accounts, dated March 3, 1888:

We have the honor to report, that in compliance with the request of your Board contained in a resolution adopted on the 8th day of February last, we have made an examination of the general books of your office, and that we find the same to agree with the audited vouchers on file, and after making due allowance for outstanding vouchers and warrants, to likewise agree with the books of the Finance Department.

We will forward the particulars to the Mayor, for publication in the CITY RECORD, as usual.

We have heretofore taken occasion to write in commendatory terms of your system of accounting, and of the accuracy and neatness of your financial records. We deem it just and proper, in the light of this last examination, to renew and confirm such approval.

The communication was read and referred to the Committee on Finance and Audit.

The Commissioners then went into Executive Session, and upon resuming the open session, adjourned, to meet on Friday next, 9th instant, at 3 o'clock P. M.

JOHN C. SHEEHAN, Secretary.

*Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Friday, March 9, 1888, at 3 o'clock P. M.*

Present—Commissioners Spencer, Dowd, the Commissioner of Public Works, and Commissioners Baldwin, Barnes, Ridgway, and Fish.

Also, Chief Engineer Church and Deputy Chief Engineer Rice.

In the absence of the Secretary, J. C. Sheehan, the Secretary of the Committee on Construction, E. L. Allen, was elected Secretary pro tem.

The Chief Engineer verbally reported that a number of Laborers were required temporarily, for work at the Muscote Dam; and on motion of Commissioner Barnes, the Chief Engineer was authorized to temporarily employ such Laborers, not to exceed six in number, for work at that place.

The Committee on Construction recommended the adoption of the following resolution:

Resolved, That upon the requisition of the Chief Engineer, James S. Lockwood is hereby



appointed to the position of Laborer in the engineering party at Muscott Dam, in place of Henry Blassius, who was appointed and who failed to report for duty, his pay to commence from the date of his assignment to duty by the Chief Engineer. Adopted.

Commissioner Fish presented the following resolution, and moved its adoption:

Resolved, That the President be requested to consult and advise with the Counsel to the Corporation as to the answer to be made to the complaint in the case of Jacob Ebling vs. James C. Spencer et al., and to represent the Commission with the Counsel to the Corporation in the proceedings to be had before the Court in said case. Adopted.

The Commissioners then adjourned to meet on Monday next, 12th instant, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary pro tem.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 14, 1888, at 3 o'clock P. M.*

Present—Commissioners Spencer, Dowd, the Commissioner of Public Works, and Commissioners Baldwin, Barnes, Ridgway and Fish; also Chief Engineer Church, Deputy Chief Engineer Rice and Consulting Engineer Fieley.

On motion of Commissioner Barnes, the reading of the minutes of March 7 and 9 was dispensed with at this meeting.

A communication was received from John J. Clabby, of this date, tendering his resignation of the position of Axeman, to take effect as of March 12, 1888, and on motion of Commissioner Ridgway the same was accepted, to take effect as of that date.

In connection therewith the Committee on Construction recommended the adoption of the following resolution:

Resolved, That William Barry is hereby appointed to the position of Axeman in place of John J. Clabby, resigned; his pay to commence from the date of his assignment to duty by the Chief Engineer. Adopted.

The Committee on Construction also recommended the adoption of the following resolution: Resolved, That upon the recommendation of the Chief Engineer, Inspectors John E. Lynch, W. H. Langer, Francis O'Hare and J. R. Soper are hereby appointed to the position of Superintendent Inspectors, to be assigned to duty on the First Division, at a salary of \$135 per month; their pay as such inspectors to commence from the date of their assignment to duty by the Chief Engineer; said Superintendent Inspectors to have a supervision over all the Inspectors on the First Division. Adopted.

The Commissioners then adjourned to meet on Friday next, 16th instant, at 10 o'clock, A. M.

JOHN C. SHEEHAN, Secretary.

## POLICE DEPARTMENT.

The Board of Police met on the 26th day of March, 1888.

Present—Commissioners French, Porter, McClave and Voorhis.

Sundry reports were ordered on file and copies to be forwarded to the Mayor.

### Reports Referred to Treasurer to Pay Amounts named into the Pension Fund.

Superintendent—Enclosing \$200, fees for mask ball permits.

Superintendent—Enclosing \$2.55, cartages.

Van Tassell & Kearney—Enclosing \$48.50, proceeds of sale of horse.

Mabie, Todd & Bard—Enclosing \$5, per centage of sale of "Walling's" Book.

Rudolph Gensler—Enclosing \$10, per centage of sale of "Walling's" Book.

### Reports Ordered on File.

Surgeon Grinnell—That Patrolman William H. Murphy, Nineteenth Precinct, had been relieved from duty because of contagious disease in his family.

Sergeant Kass, Central Office—As to whereabouts of George E. Doughty.

Report of Captain Brooks, Thirty-third Precinct, on death of a horse, was referred to the President.

Weekly statement of the Comptroller showing condition of the several accounts of the Police Department, was referred to the Treasurer.

Application of Roundsman Norman Westervelt, Twentieth Precinct, for transfer, was ordered on file.

### Mask Ball Permits Granted.

Christian Supp, at Harmony Rooms, March 24. Fee, \$25.

Christian Supp, at Harmony Rooms, March 31. Fee, \$25.

Augusta Benson, at Turn Hall, March 24. Fee, \$25.

Michael J. Flynn, at Flynn's Hall, April 2. Fee, \$10.

### Applications Referred to the Superintendent for Report.

Roundsman James Quigley, Eighteenth Precinct—For Civil Service examination.

John M. O'Keefe, Thirtieth Precinct—For Civil Service examination.

### N. Y. SUPREME COURT.

The People ex rel. Christopher Clark,

The People ex rel. Joseph M. Nugent,

vs.  
Writs of Certiorari.

The Board of Police.

Referred to the Counsel to the Corporation.

Communication from the Counsel to the Corporation, opinion relative to procuring system of electric signals presented by the Herzog Telesene Company, was laid over.

Communications from the Counsel to the Corporation, enclosing notice from Baldwin & Davidson, counsel for the Equitable Electric Company; also from John M. Pendleton, claiming certain infringements of Patents by the Herzog Telesene Company, were ordered on file, and copies to be forwarded to said Herzog Company.

### Communications Ordered on File.

Commissioner of Street Cleaning—Relative to removal of ashes.

Isaac C. Levy—Complaint of violation of Excise Law, at No. 67 James street, and are port of Captain Carpenter, Fourth Precinct, thereon.

### Communications Referred to the Chief Clerk.

From the Mayor—Enclosing letter from John G. Priest, St. Louis, asking election blanks, etc. George Bliss—Relative to adoption of electric signal system, and asking copy of all proposals made; also, all papers and resolutions.

### Communications Referred to the Superintendent for Action.

From the Mayor—Sundry complaints, etc.

From Board of Excise—Licenses issued and transferred, 59 cases; licenses rejected, 5 cases; relative to unlicensed saloon, No. 121 Pearl street; relative to violation Excise Law at No. 513 West Twenty-seventh street, and requesting arrest of owner for such violation.

C. E. Fitts—Making further complaint against Captain Seibert, Fifth Precinct, for neglect of duty in allowing boys to annoy him.

J. C. Kelton, Washington, D. C.—Calling attention to the new attachment for the Smith & Wesson revolver.

Richard Dillman—Making complaint against Patrolman Edward C. Frissell, First Precinct, charges to be preferred.

Resolved, That Thurston K. Hurlbut be granted a re-examination by the Surgeons.

Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolmen:

Joseph T. Shine,

William Friedhoff,

Alex A. Trumpler,

Henry A. Bailshauer,

John B. Cronin,

Thomas Francis Burke,

William Z. Mullen,

Samuel H. Weizfelder,

John R. Cullen,

John Schneider,

Samuel F. Kenney,

Thomas Dowd,

### Transfers, etc.

Patrolman Augustus Nelson, from Nineteenth Precinct to Third Precinct.

William McGinnis, from Sixth Precinct to Twenty-ninth Precinct.

Patrick J. Sullivan, from Twenty-first Precinct to Third Precinct.

Thomas Gilmartin, from Eighth Precinct to Sixth Precinct.

Herman H. Koenig, from Thirty-third Precinct to Eighth Precinct.

Barney Kortseger, from Fifteenth Precinct to Thirty-third Precinct, mounted.

Charles Ryan, Twenty-second Precinct, detail thirty days at Office of Corporation Attorney.

Patrolman Richard Flynn, Fourth Precinct, detail thirty days at Office of Corporation Attorney.  
Bernard McEnroe, Thirtieth Precinct, detail at depot, Eighth avenue and One Hundred and Fifty-fifth street.

### Advanced to First Grade.

Patrolman Thomas F. Manning, Seventh Precinct, March 16, 1888.

Michael E. Lyons, Thirtieth Precinct, March 16, 1888.

Thomas C. Tate, Thirtieth Precinct, March 16, 1888.

John J. McLoughlin, Thirty-second Precinct, March 16, 1888.

### Advanced to Second Grade.

Patrolman Thomas Flahery, Eighth Precinct, March 20, 1888.

### Employed as Probationary Patrolmen.

Michael P. Gorman,

Harmon C. Sucke.

### Employed as Probationary Doorman.

Charles Whittington.

### Assigned as Roundsman.

Patrolman Thomas Cassidy, Nineteenth Precinct.

### Sent to Civil Service Board with Certificate.

Roundsman Thomas Coughlin, Nineteenth Precinct.

Michael Smith, Twenty-eighth Precinct.

### Retired Officers—all aye.

Patrolman Joseph F. Dalbee, Sanitary Company, \$600 per year.

Joseph McKewen, Thirty-second Precinct, \$600 per year.

Patrick Norton, Fifth Court, \$600 per year.

Resolved, That the Postmaster of the City of New York be requested to place a drop letter-box in the main hall of the Central Office of the Police Department.

Resolved, That the proposal and offer of Thomas J. Plunkett to sell the two lots on south side of One Hundred and Twenty-fifth street, between Ninth and Tenth avenues, for the sum of \$18,000, be and is hereby accepted for and in behalf of the Mayor, Aldermen and Commonality of the City of New York, as a site for a Station-house, Lodging-house and Prison for the Thirtieth Police Precinct, subject to the approval of the title thereof by the Counsel to the Corporation, and that his opinion be requested if any further action be necessary on the part of the Board of Police in order to consummate the purchase.

Resolved, That requisition be and is hereby made upon the Secretary of the Civil Service Board for an eligible list of names of persons to be employed on probation as Patrolmen, sufficient in number to fill vacancies now existing.

Resolved, That Patrolman James Behan, Seventh Precinct, be granted permission to receive a silver medal, awarded him by Congress, for saving Enslly Van Ranto from drowning, August 18, 1887.

Resolved, That Patrolman Edward F. Conroy, Sixth Precinct, be granted permission to receive a reward of \$30 (subject to the deduction under the rule) for the arrest of W. J. Bunce, a deserter.

Resolved, That the following bills be approved, and the Treasurer authorized to pay the same—all aye:

James E. Serrell, surveying, \$55 00

Patrolman Richard Tobin, balance salary due, 7 93

On recommendation of the Committee on Repairs and Supplies, it was

Resolved, That the following bills be approved, and the Treasurer authorized to pay the same—all aye:

J. S. Barron & Co., brushes, etc., \$78 60

Isaac Bird, expenses, 51 00

Martin B. Brown, printing, etc., 25 08

" " " " 514 50

" " " " 38 00

" " " " 11 50

" " " " 10 00

Brush Electric Illuminating Co., use electric-lamp, 14 00

William Carlin, horseshoeing, 52 50

Cassidy & Son, gas-fittings, 121 77

Central Gas-light Co., gas-fittings, 46 88

N. L. Coe, photographs, 25 00

G. W. & C. B. Colton & Co., maps, 24 00

Consolidated Gas Co., gas, 935 75

James G. Cooper, Jr., expenses, 182 37

E. J. Denning & Co., cloth, 20 05

John Doran, newspapers, 2 97

" " " " 4 30

" " " " 4 00

" " " " 4 00

Doremus & Corbett, wardrobes, 32 00

" " " " 24 00

Thomas H. Doyle, veterinary services, 30 00

D. W. Erskine, expenses, 11 00

John J. Fox, horseshoeing, 38 50

" " " " 37 37

B. Gray, carriage hire, 31 50

E. S. Greeley & Co., vitriol, etc., 36 68

Howe, Bros., horseshoeing, 45 95

M. & J. B. Huntton, ice, 15 24

Michael Kerley, expenses, 4 95

Robert Lefferts, soap, 17 75

Benjamin A. Lyon, coal, 30 00

Francis McCabe, cartages, 17 25

S. McFadden & Co., ensign, 25 00

William McKenna, horseshoeing, 5 00

P. Malone, horseshoeing, 40 25

Metropolitan Express and Van Co., horse hire, \$18 00

Metropolitan Storage, etc., Co., horse hire, 14 00

Metropolitan Telegraph and Telephone Co., rent telephones, 42 70

John H. Miller, lime and sand, 15 30

New York Belting and Packing Co., rubber hose, 10 53

New York Belting and Packing Co., rubber hose, 14 60

Northern Gas-light Co., gas, 26 24

Ely S. Parker, expenses, 4 30

Patterson Bros., hardware, 5 40

George Reed, expenses, 4 35

Thomas Reilly, expenses, 77 25

James M. Shaw & Co., crockery, 24 58

T. G. Sellow, chairs, 19 00

" " " " 3 75

W. & J. Sloane, carpet, 68 05

" " " " 1 44

Julia E. Tillman, meals, 465 75

T. and W. Thorn & Co., horsefeed, 217 28

Von Gerichten & Stark, repairing sleigh, 4 10

Mary Webb, meals, 86 40

" " " " 18 60

White & Co., horsefeed, 179 11

George W. Winant & Son, coal, 140 00

" " " " 92 50

" " " " 12 50

" " " " 6 25

" " " " 57 50

" " " " 11 50

Charles M. Young, attorney, keeping horses, 50 00

Peter Yule, disbursements, 5 85

James E. Serrill, survey, maps, etc., 15 00

\$4,326 14

### Judgments—Dismissal—all aye.

Patrolman Edward O'Malley, Nineteenth Precinct, failed to go on post.

### Fines Imposed.

Patrolman William Nesbitt, First Precinct, improper patrol, two days' pay.

John Renken, Sixth Precinct, improper patrol, two days' pay.

Henry Holzman, Seventh Precinct, improper patrol, one day's pay.

James J. Cronin, Seventh Precinct, improper patrol, one day's pay.

Anthony Conway, Seventh Precinct, improper patrol, one day's pay.

Nicholas Ryan, Seventh Precinct, absent from drill, one-half day's pay.

James J. Sullivan, Seventh Precinct, absent roll-call, one-half day's pay.

Theodore F. Snyder, Eighth Precinct, off post, one day's pay.

Frank D. Thompson, Eighth Precinct, off post, two days' pay.

Harry J. Hume, Eighth Precinct, left residence, etc., two days' pay.

John S. Fulton, Ninth Precinct, standing, etc., one-half day's pay.

John Lang, Thirtieth Precinct, standing, etc., one-half day's pay.

Patrick Fitzgibbons, Eighteenth Precinct, smoking, one day's pay.

Charles B. Walker, Eighteenth Precinct improper patrol, two days' pay.

Martin Fay, Nineteenth Precinct, improper patrol, two days' pay.

Charles D. Smith, Nineteenth Precinct, off post, one-half day's pay.

William Burns, Twenty-first Precinct, off post, two days' pay.

George E. Hansen, Twenty-first Precinct, standing, etc., one-half day's pay.

William J. McGowan, Twenty-second Precinct, failed to report dead dog, one-half day's pay.

Thomas F. Moen, Twenty-fifth Precinct, off post, two days' pay.

William Egan, Twenty-seventh Precinct, off post, one-half day's pay.

George E. Parker, Twenty-ninth Precinct, improper patrol, one day's pay.

Patrick Beckingham, Thirtieth Precinct, failed to report dead dog, one-half day's pay.

Joseph Sawyer, Thirtieth Precinct, absent from school, one-half day's pay.

John Byrne, Thirty-first Precinct, improper patrol, one day's pay.

John F. Byrnes, Thirty-third Precinct, off post, one-half day's pay.

Christopher Dixon, First Court, refused to report, three days' pay.

Patrolman Patrick F. Gilmartin, Sixth Precinct, neglect to pay debt, three days' pay.  
 " William H. Corrigan, Seventh Precinct, improper patrol, one day's pay.  
 " John Calhoun, Seventh Precinct, failed to report lamp, one-half day's pay.  
 " Frederick Hallenbeck, Eighth Precinct, off post, one day's pay.  
 " Ralph H. Boyland, Ninth Precinct, standing, etc., one-half day's pay.  
 " Daniel J. Haggerty, Tenth Precinct, absent reserve, one day's pay.  
 " Philip Kuntz, Twelfth Precinct, improper patrol, one day's pay.  
 " Thomas Garry, Fifteenth Precinct, improper patrol, one day's pay.  
 " John Diamond, Fifteenth Precinct, improper patrol, one day's pay.  
 " Thomas Montgomery, Nineteenth Precinct, off post, one-half day's day.  
 " Joseph Long, Twenty-fifth Precinct, improper patrol, one day's pay.  
 " Ellsworth S. Drew, Twenty-ninth Precinct, improper patrol, one day's pay.  
 " Louis J. Rerdell, Twenty-ninth Precinct, improper patrol, one day's pay.  
 " James McNamee, Thirtieth Precinct, off post, one day's pay.  
 " Rennie Sheridan, Eleventh Precinct, off post, one-half day's pay.  
 " Matthew Gouraud, Sixteenth Precinct, failed to report snow and ice, one-half day's pay.  
 " Henry J. Smith, Eighteenth Precinct, off post, one day's pay.  
 " Patrick Hand, Twenty-first Precinct, off post, one-half day's pay.  
 " John J. Smith, Twenty-first Precinct, absent without leave, one-half day's pay.  
 " Michael J. Keane, Twenty-fifth Precinct, improper patrol, one day's pay.  
 " Joseph J. Kelly, Twenty-sixth Precinct, absent from school, one-half day's pay.  
 " Emil Wiehler, Twenty-seventh Precinct, off post, two days' pay.  
 " Frank W. May, Thirtieth Precinct, off post, one day's pay.  
 " James T. O'Connor, Thirty-first Precinct, absent without leave, one day's pay.

#### Reprimands.

Patrolman Edward J. Quirk, Seventh Precinct, absent from school.  
 " Peter J. Klein, Tenth Precinct, absent from school.  
 " Edward Brennan, Twenty-ninth Precinct, improper patrol.

#### Complaints Dismissed.

Patrolman George Beller, Tenth Precinct, improper patrol.  
 " James E. Grogan, Twenty-seventh Precinct, off post.  
 " James E. Grogan, Twenty-seventh Precinct, assaulted citizen.  
 " Edward Brennan, Twenty-ninth Precinct, improper relief.

Adjourned.

WM. H. KIPP, Chief Clerk.

### APPROVED PAPERS.

Resolved, That One Hundred and Sixth street, from the Boulevard to the Riverside Drive, be regulated and graded, the sidewalks flagged a space five feet wide at a distance of five feet from the exterior lines of said street and boulevard, curb set so that the carriageway shall be thirty feet wide and the sidewalk spaces thirty-five feet wide in that part of said street, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by Board of Aldermen, March 6, 1888.

Approved by the Mayor, March 14, 1888.

Resolved, That two lamp-posts be erected and Boulevard lamps placed thereon and lighted (in addition to the two lamps authorized by law) in front of the church edifice of Our Lady of Good Counsel, in East Ninetieth street, between Second and Third avenues, one of said additional lamps to be placed in front of No. 232 and one in front of No. 238 in said street, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, March 6, 1888.

Approved by the Mayor, March 14, 1888.

Resolved, That the 6th day of April, 1888, at 1 o'clock P. M., and Room No. 16 in the City Hall (the chamber of the Board of Aldermen), be and are hereby designated as the time and place when and where the application of the New York and Harlem Railroad Company, for consent of the Common Council to use electric power instead of horses on its city line, as mentioned in the petition for such consent, will be first considered, and that public notice be given by the Clerk of this Board, by publishing the same for fourteen days consecutively, excluding Sundays, in two newspapers published in this city, to be designated therefor by his Honor the Mayor, according to the provisions of chapter 252 of the Laws of 1884, such advertising to be at the expense of the petitioner.

Adopted by the Board of Aldermen, March 13, 1888.

Approved by the Mayor, March 14, 1888, and the "Sun" and "Daily News" were designated as such papers.

Whereas, Until the salaries of the Captains of Police were fixed by the Police Commissioners, with the consent and approval of the Board of Estimate and Apportionment, under chapter 450 of the Laws of 1886, the salaries of the Sergeants and Detective Sergeants of Police were eighty per cent. of the salaries of Captains of Police, and such proportion is just;

Resolved, That the bill entitled "An act in relation to the salaries of Sergeants and Detective Sergeants of Police in the City of New York," introduced in the Senate, which provides that the salaries of Sergeants and Detective Sergeants of Police in the City of New York shall be eighty per centum of the salaries of Captains of Police, and shall diminish and increase in proportion as the salaries of said Captains may, from time to time, be diminished or increased, but shall not be less than sixteen hundred dollars nor more than twenty-two hundred dollars per annum, be and hereby is approved by this Board;

Resolved, That the Senators and Members of Assembly from this city be and they hereby are requested to secure the speedy passage of the said bill, and authority for the Board of Estimate and Apportionment by revenue bonds or other appropriate methods, to raise the means to pay such additional salaries as the enactment of said bill may require.

Adopted by the Board of Aldermen, February 14, 1888.

Received from his Honor the Mayor, February 28, 1888, with his objections thereto.

In Board of Aldermen, March 14, 1888, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to George Ehret to extend the vault now in front of his premises, in Frankfort street, being southwest corner of Pearl and Frankfort streets, a distance of six feet and six inches outwardly beyond the curb-line or line of present vault, as shown on the accompanying diagram, upon payment of the usual fee, provided the work be done in a durable and substantial manner; and that the said George Ehret shall stipulate with the Commissioner of Public Works to save the City harmless from any loss or damage that may occur in consequence of the building or extension of said vault, during the progress of the work or subsequent to the completion thereof, the work to be done at his own expense, under the direction and to the satisfaction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, February 14, 1888.

Received from his Honor the Mayor, February 28, 1888, with his objections thereto.

In Board of Aldermen, March 14, 1888, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to William F. Howe to lay a cross-walk of two courses of blue stone from the curb-line in front of his premises on Boston avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, to the railroad track, the work to be done at his own expense, under the direction of the Commissioners of the Department of Public Parks; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, March 13, 1888.

Approved by the Mayor, March 19, 1888.

Resolved, That Croton-mains be laid in One Hundred and Twentieth street, between Seventh avenue and St. Nicholas avenue, pursuant to section 356 of the New York City Consolidation Act.

Adopted by the Board of Aldermen, March 14, 1888.

Approved by the Mayor, March 19, 1888.

Resolved, That water-mains be laid in Thirty-seventh street, from Eleventh avenue to pier on North river, occupied by the Health and Street Cleaning Departments, pursuant to section 356 of the New York City Consolidation Act of 1882.

Adopted by the Board of Aldermen, March 14, 1888.

Approved by the Mayor, March 19, 1888.

Resolved, That the vacant lots on the block bounded by Seventy-eighth and Seventy-ninth streets, Ninth and Tenth avenues, be fenced in, where not already done, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, March 14, 1888.

Approved by the Mayor, March 19, 1888.

Resolved, That permission be and the same is hereby given to Cosella Antonia to place and keep a stand for the sale of fruit, inside the stoop-line in front of southwest corner of Third avenue and Seventy-ninth street, provided such stand shall not be an obstruction to the free use of the street by the public, nor exceed six feet long by four feet wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, March 13, 1888.

Approved by the Mayor, March 20, 1888.

Resolved, That permission be and the same is hereby given to L. Schall to place and keep a stand for the sale of fruit, inside the stoop-line, in front of No. 13 Orchard street, provided such stand shall not be an obstruction to the free use of the street by the public, nor exceed six feet long by four feet wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, March 13, 1888.

Approved by the Mayor, March 20, 1888.

Resolved, That gas-mains be laid, lamp-posts erected and street lamps placed thereon and lighted in Eighty-third street, from Avenue A to Avenue B, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, March 14, 1888.

Approved by the Mayor, March 20, 1888.

Resolved, That gas-mains be laid, lamp-posts erected and street-lamps lighted in Spuyten Duyvil road, from the Hudson River Railroad depot to the crossing of the New York Central Railroad, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, March 14, 1888.

Approved by the Mayor, March 20, 1888.

Whereas, In compliance with the River and Harbor Acts of Congress passed in the years 1878 and 1879, the State of New York, the Mayor, Aldermen and Commonality of the City of New York and private citizens, have furnished the Federal Government with a right of way free of cost for the improvement of Harlem river and Spuyten Duyvil creek; and

Whereas, The people of this State and city have furnished to all the people of the United States a free water-way, so that the products of the interior States can be transported from the great inland lakes to the Atlantic Ocean, and imports from foreign countries can be sent back by the same route free from tolls; and

Whereas, Over sixty-six (66) per cent. of all the customs revenue of the nation is collected at this port; and

Whereas, Two million three hundred thousand dollars is required to finish the improvement of Harlem river and Spuyten Duyvil creek, under the plans heretofore made by the United States engineers, and approved by the Secretary of War; and

Whereas, The appropriation of the whole of said sum at one time, and not in installments, will reduce the cost of administration and construction of said improvement, save the loss by wear and tear of tides on the unfinished parts of said work during temporary stoppage of the work occasioned by lack of appropriations; and

Whereas, The State of New York, the City of New York and its citizens, have each and all paid, kept, done and performed each and every act and thing necessary and proper to fulfill its and their compact with the Federal Government, so as to insure to it the jurisdiction and right of way necessary for said improvement.

Now therefore be it, and it is hereby

Resolved, That the Congress of the United States is hereby respectfully requested to appropriate out of such fund or funds in the Treasury as may be available therefor, the sum of two million three hundred thousand dollars, to be expended by the Secretary of War, for the completion of the improvement of Harlem river and Spuyten Duyvil creek, in accordance with the plans and upon the route as already approved and acquired therefor; and it is further

Resolved, That copies of this resolution be forwarded to each of the Senators from the State of New York and all of the Representatives from the City of New York in Congress assembled, with the request that the same be laid before both houses of the Congress with a view to its action thereon.

Adopted by the Board of Aldermen, March 20, 1888.

Approved by the Mayor, March 23, 1888.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

CITY OF NEW YORK—CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS, SECRETARY'S OFFICE, ROOM 11, CITY HALL, NEW YORK, June 3, 1887.

THOMAS COSTIGAN, Esq.,  
*Supervisor City Record:*

DEAR SIR—The following amendment to Regulation 16 of the New York City Civil Service Regulations has been made:

If the appointing officer shall notify the Secretary of more than one vacancy at any one time, the Secretary shall certify to the appointing officer for appointment, the names of as many persons as there are vacancies to be filled, with the addition of two names for the first vacancy and one name for every two vacancies in addition to the first.

Yours respectfully,

LEE PHILLIPS,  
 Secretary and Executive Officer.

CITY OF NEW YORK—CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS, SECRETARY'S OFFICE, ROOM 11, CITY HALL, NEW YORK, May 31, 1887.

THOMAS COSTIGAN, Esq.,  
*Supervisor:*

DEAR SIR—The following resolution was passed by the Supervisory Board at their meeting, held May 27, 1887:

"Resolved, That in view of the inadequate space in the Secretary's office and in order to enable him more readily to discharge the business

of the same, the Secretary is authorized to arrange the business of the office so that the same shall be open for personal interviews with applicants and the public during a part of the day only."

Pursuant to the above action, I hereby designate the two hours between 2 and 4 o'clock in afternoon as the time for which the offices shall be open for personal interviews with applicants and the public.

Very respectfully,  
 LEE PHILLIPS,  
 Secretary and Executive Officer.

### EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,  
 NEW YORK, February 10, 1888.

I, Abram S. Hewitt, Mayor of the City of New York, pursuant to the provisions of chapter 10 of the Laws of 1888, do hereby designate the Sun, Herald, Times, World, Star, Tribune, Journal, Press, Evening Post, Commercial Advertiser, Graphic, Telegram, Evening Sun, Evening World, Mail and Express, Staats Zeitung, New Yorker Zeitung and Daily News as the newspapers in which the advertisements provided for in said act may be printed.

(Signed), ABRAM S. HEWITT,  
 Mayor.

### BOARD OF STREET OPENING AND IMPROVEMENT.

Notice is hereby given that the Board of Street Opening and Improvement of the City of New York will hold a meeting in the Mayor's office, on Wednesday, March 28, 1888, at 1 o'clock P. M. of that day, to consider the area of assessment,



etc., in the matter of the new park at Mulberry, Bayard, Baxter and Park streets, when parties interested will be given a hearing.

March 21, 1888.

WM. V. I. MERCER,  
Secretary.

## OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, 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 3 P. M.  
ABRAM S. HEWITT, Mayor. ARTHUR BERRY, Secretary and Chief Clerk.

#### Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.  
THOMAS W. BYRNES, First Marshal.  
GEORGE W. BROWN, Jr., Second Marshal.

### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
WM. PITT SHEARMAN, J. B. ADAMSON.

### AQUEDUCT COMMISSIONERS.

Room 200, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
JAMES C. SPENCER, President; JOHN C. SHEARMAN, Secretary; BENJAMIN S. CHURCH, Chief Engineer; J. C. LULLY, Auditor.

### BOARD OF ARMY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.  
Address: M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

### LEGISLATIVE DEPARTMENT.

#### Office of Clerk of Common Council.

No. 8 City Hall, 10 A. M. to 4 P. M.  
GEORGE H. FORSTER, President Board of Aldermen.  
FRANCIS J. TWOMEY, Clerk Common Council.

#### City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.  
D. N. CARVALHO, City Librarian.

### DEPARTMENT OF PUBLIC WORKS.

#### Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN NEWTON, Commissioner; D. LOWBER SMITH, Deputy Commissioner.

#### Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
GEORGE W. BIRDALE, Chief Engineer.

#### Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN H. CHAMBERS, Register.

#### Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
WM. M. DEAN, Superintendent.

#### Engineer-in-Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
HORACE LOOMIS, Engineer-in-Charge.

#### Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
WILLIAM G. BERGEN, Superintendent.

#### Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
ALSTON CULVER, Water Purveyor.

#### Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
STEPHEN MCCORMICK, Superintendent.

#### Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
GEO. E. BARCOCK, Superintendent.

#### Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN RICHARDSON, Superintendent.

#### Keeper of Buildings in City Hall Park.

MARTIN J. KREESE, City Hall.

### FINANCE DEPARTMENT.

#### Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
THEODORE W. MYERS, Comptroller; RICHARD A. STORNS, Deputy Comptroller.

#### Auditing Bureau.

Nos. 19, 21, 23, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
WILLIAM J. LYON, First Auditor.  
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.  
Nos. 31, 33, 35, 37, 39, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.

Bureau for the Collection of City Revenue and of Markets.  
Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
JAMES J. KELSO, Collector of the City Revenue and Superintendent of Markets.  
GRAHAM MCADAM, Chief Clerk.

Bureau for the Collection of Taxes.  
No. 57 Chambers street and No. 35 Reade street, Stewart Building.  
GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VERDENBURGH, Deputy Receiver of Taxes.

Bureau of the City Chamberlain.  
Nos. 25, 27, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
WM. M. IVINS, City Chamberlain.

#### Office of the City Paymaster.

No. 31 Reade street, Stewart Building.  
JOHN H. TIMMERMAN, City Paymaster.

### LAW DEPARTMENT.

#### Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.  
Saturdays, 9 A. M. to 4 P. M.  
HENRY R. BENKMAN, Counsel to the Corporation.  
ANDREW T. CAMPBELL, Chief Clerk.

### Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.  
RICHARD J. MORRISON, Public Administrator.

### Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.  
WILLIAM A. BOYD, Corporation Attorney.

### POLICE DEPARTMENT.

#### Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.  
STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

### DEPARTMENT OF CHARITIES AND CORRECTION.

#### Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.  
CHARLES E. SIMMONS, President; GEORGE F. BRITTON, Secretary.

Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Closed Saturdays, 12 M. Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Closed Saturdays, 12 M. RUFUS L. WILDER, General Bookkeeper and Auditor.

### 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.  
HENRY D. PURROY, President; CARL JUSSEN, Secretary.

#### Bureau of Chief of Department.

CHARLES O. SHAY, Chief of Department.

#### Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

#### Bureau of Fire Marshal.

GEORGE H. SHELTON, Fire Marshal.

#### Bureau of Inspection of Buildings.

ALBERT F. D'ORCHI, Superintendent of Buildings.

#### Attorney to Department.

WM. L. FINDLEY.

#### Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.

#### Central Office open at all hours.

#### Repair Shops.

Nos. 128 and 130 West Third street.  
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

#### Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues.  
JOSEPH SHEA, Foreman-in-Charge.

#### Open at all hours.

### HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.  
JAMES C. BAYLES, President; EMMONS CLARK, Secretary.

### DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M.  
M. C. D. BORDEN, President; CHARLES DE F. BURNS, Secretary.

#### Civil and Topographical Office.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

#### Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

### DEPARTMENT OF DOCKS.

Battery, Pier A, North River, 9 A. M. to 4 P. M.  
L. J. N. STARK, President; G. KEMBLE, Secretary.

Office hours from 9 A. M. to 4 P. M. daily except Saturdays; on Saturdays as follows: from October 1 to June 1, from 9 A. M. to 3 P. M.; from June 1 to September 30, from 9 A. M. to 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS.  
Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.

MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes.  
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
CHARLES S. BEARDSLEY, Attorney; WILLIAM COMBERFORD, Clerk.

### DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street. Office hours, 9 A. M. to 4 P. M.  
JAMES S. COLEMAN, Commissioner; JACOB SEABOLD, Deputy Commissioner; R. W. HORNOR, Chief Clerk.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union.  
EVERETT P. WHEELER, Chairman of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

### BOARD OF ESTIMATE AND APPORTIONMENT.

Office of Clerk, Staats Zeitung Building, Room 5.  
The Mayor, Chairman; CHARLES V. ADER, Clerk.

### REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
JAMES J. SLEVIN, Register; JAMES J. MARTIN, Deputy Register.

### COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
CHARLES REILLY, Commissioner; JAMES E. CONNER, Deputy Commissioner.

### COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.  
JAMES A. FLACE, County Clerk; THOMAS F. GILROY, Deputy County Clerk.

### DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
JOHN R. FELLOWS, District Attorney; JAMES MCCABE, Chief Clerk.

### THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.  
No. 1 City Hall, 9 A. M. to 5 P. M. except Saturdays, on which days 9 A. M. to 3 P. M.  
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

### BOARD OF ASSESSORS.

Office City Hall, Room No. 11½, 9 A. M. to 4 P. M.  
EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

### BOARD OF EXCISE.

No. 44 Bond street, 9 A. M. to 4 P. M.  
CHARLES H. WOODMAN, President; DAVID S. WHITE, Secretary and Chief Clerk.

### SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.  
HUGH J. GRANT, Sheriff; JOHN B. SEXTON, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

### CORONERS' OFFICE.

Nos. 13 and 13 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.

MICHAEL J. B. MESSEMER, FERDINAND LEVY, FERDINAND EDMAN, JOHN R. NUGENT, Coroners; JOHN T. TOAL, Clerk of the Board of Coroners.

### SUPREME COURT.

Second floor, New County Court-house, opens at 10.30 A. M.

CHARLES H. VAN BRUNT, Presiding Justice; JAMES A. FLACK, Clerk; THOMAS F. GILROY, Deputy County Clerk.

General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk. Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.

Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk.

Chambers, Room No. 11, WALTER BRADY, Clerk. Circuit, Part I., Room No. 12, SAMUEL BARRY, Clerk.

Circuit, Part II., Room No. 14, JOHN B. MCGOLDRICK, Clerk.

Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.

Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk. Judges' Private Chambers, Rooms Nos. 19 and 20, EDWARD J. KNIGHT, Librarian.

### SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.

General Term, Room No. 35. Special Term, Room No. 33.

Chambers, Room No. 33, 10 A. M. Part I., Room No. 34.

Part II., Room No. 35. Part III., Room No. 36.

Judges' Private Chambers, Room No. 30. Naturalization Bureau, Room No. 32.

Clerk's Office, Room No. 31, 9 A. M. to 4 P. M. JOHN SEDGWICK, Chief Judge; THOMAS BOESER, Chief Clerk.

### COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.

Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M. Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.

General Term, Room No. 24, 11 o'clock A. M. to adjournment.

Special Term, Room No. 21, 11 o'clock A. M. to adjournment.

Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.

Part I., Room No. 25, 11 o'clock A. M. to adjournment.

Part II., Room No. 26, 11 o'clock A. M. to adjournment.

Part III., Room No. 27, 11 o'clock A. M. to adjournment.

Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.

RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

### COURT OF GENERAL SESSIONS.

No. 33 Chambers street. Parts I. and II. Court opens at 11 o'clock A. M.

FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLEEVE and RUFUS B. COWING, Judges of the said Court.

Terms, first Monday each month. JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

### CITY COURT.

City Hall.

General Term, Room No. 20.

Trial Term, Part I., Room No. 20.

Part II., Room No. 19.

Part III., Room No. 18.

Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.

Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.

DAVID MCADAM, Chief Justice; MICHAEL T. DALY, Clerk.

### OVER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10½ o'clock A. M.

Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

### COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10.30 A. M., excepting Saturday.

Clerk's Office, Tombs.

### DISTRICT CIVIL COURTS.

First District—First, Second, Third and Fifth Wards southwest corner of Centre and Chambers streets.

MICHAEL NORTON, Justice.

Clerk's office open from 9 A. M. to 4 P. M.

Second District—Fourth, Sixth and Fourteenth Wards, corner of Pearl and Centre streets, 9 A. M. to 4 P. M.

CHARLES M. CLANCY, Justice.

Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

GEORGE B. DEANE, Justice.

Fourth District—Tenth and Seventeenth Wards, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.

ALFRED STECKLER, Justice.

Fifth District—Seventh, Eleventh and Thirteenth Wards, No. 154 Clinton street.

HENRY M. GOLDFOOLE, Justice.

Sixth District—Eighteenth and Twenty-first Wards No. 62 Union place, Fourth avenue, southwest corner of Eighteenth street. Court opens 9 A. M. daily; continues to close of business.

SAMSON LACHMAN, Justice.

Seventh District—Nineteenth and Twenty-second Wards, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays) and continues to the close of business.

AMOROS MONELL, Justice.

Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business. Clerk's office open from 9 A. M. to 4 P. M. each court day.

On and after Monday, October 3, 1887, the trial days of this Court will be Mondays, Wednesdays and Fridays.

Clerk's office open daily from 9 A. M. to 4 P. M. Trial days Tuesdays and Fridays. Court opens at 10½ A. M.

Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.

Office hours, from 9 A. M. to 4 P. M. Court opens at 9 A. M.

ANDREW J. ROGERS, Justice.

Eleventh District—No. 910 Eighth avenue; Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sixth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

THOMAS E. MURRAY, Justice.

nish the same in a sealed envelope, indorsed "Estimate for Building a Stable," with his or her name or names, and the date of presentation at 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 of the nature and extent of the work to be done, reference must be made to the plans and specifications on file in the office of the Chief Clerk of the said Department.

Bidders will state in writing, and also in figures, a price for the work complete. The price is to cover the furnishing of all the materials and labor and the performance of all the work called for by the specifications, plans, drawings and form of agreement.

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 work is to be completed within four months from the date of the contract.

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 Five Thousand Dollars.

Each estimate must be accompanied by the name and place of residence of each of the persons making the same; the names of all persons interested with him or her therein; and if no other person be so interested, it shall distinctly state that fact; and 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 Common Council, Head of a Department, or 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.

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, upon its being so awarded, become bound as 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.

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 oaths or affirmations 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 hereinafter stated, 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 law.

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 her bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, as herein provided, within three days after having abandoned it, or as in default to the Corporation; and the contract will be readjusted and relet, as provided by law.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National or State 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 estimate, or money must not be enclosed 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 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.

Plans may be examined and specifications and blank 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, March 26, 1888.

POLICE DEPARTMENT—CITY OF NEW YORK,  
OFFICE OF THE PROPERTY CLERK (Room No. 9),  
No. 300 MULBERRY STREET,  
NEW YORK, 1887.

**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 claims: 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.

JOHN F. HARRIOT,  
Property Clerk

## FINANCE DEPARTMENT.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
March 23, 1888.

## NOTICE TO PROPERTY-OWNERS.

**IN PURSUANCE OF SECTION 907 OF THE "New York City Consolidation Act of 1882,"** the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the assessment list in the matter of acquiring title to Burnside avenue, from Sedgwick avenue to Webster avenue, which was confirmed by the Supreme Court February 1, 1888, and entered on the 20th day of March, 1888, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that 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 908 of said "New York City Consolidation Act of 1882."

Section 908 of said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 21, Stewart Building, between the hours of 9 A. M. and 5 P. M., and all payments made thereon, on or before June 4, 1888, will be exempt from tax; and if not so provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEODORE W. MYERS,  
Comptroller.

## INTEREST ON CITY BONDS AND STOCKS.

**THE INTEREST DUE MAY 1, 1888, ON THE** Registered Bonds and Stocks of the City and County of New York, will be paid on that day by the Comptroller, at the office of the City Chamberlain, Room 27, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from March 28 to May 1, 1888.

The interest due May 1, 1888, on the Coupon Bonds and Stocks of the City of New York, will be paid on that day at the Western National Bank, Equitable Building, No. 120 Broadway.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 23, 1888.

## SALE OF FERRY, EAST THIRTY-FOURTH STREET TO HUNTER'S POINT, LONG ISLAND CITY.

**THE FRANCHISE OF THE FERRY FROM THE** foot of Thirty-fourth street, East River, in the City of New York, to Hunter's Point, Long Island City, will be sold at public auction, at the Comptroller's office, to the highest bidder, along with the wharf property belonging to the Corporation, used for ferry purposes, on Friday, the 30th day of March, 1888, at 12 o'clock, A. M., for the term of ten years from May 1, 1888, the lease thereof to contain the usual covenants and conditions of ferry leases, a form of which can be seen at the Comptroller's office.

The highest bidder will be required to pay the amount of his fee and deposit with the Comptroller, at the time of sale, twenty-five per cent. of the amount bid, which shall be credited on the first quarter's rent, or be forfeited to the City if the lease is not executed by the purchaser when notified by the Comptroller.

The lessee will be required to give bonds in double the amount of the yearly rental, with two sufficient sureties, to be approved by the Comptroller, conditioned for the faithful performance of the covenants of the lease, and the payment of the rent quarterly.

The right to reject any bid is reserved, if deemed to be for the interest of the City.

By order of the Commissioners of the Sinking Fund.  
THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 19, 1888.

## REAL ESTATE RECORDS.

**THE ATTENTION OF LAWYERS, REAL** Estate owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all records of real estate in the City of New York from 1753 to 1887, prepared under the direction of the Commissioners of Records.

Grants, grants, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price..... \$100 00  
The same in 25 volumes, half bound..... 50 00  
Complete sets, folio, ready for binding..... 15 00  
Records of judgments, 25 volumes, bound..... 10 00  
Orders should be addressed to "Mr. Stephen Angel Room 23, Stewart Building."

THEODORE W. MYERS,  
Comptroller.

## SPECIAL NOTICE.

**NOTICE TO ARCHITECTS IS HEREBY GIVEN** that the time for receiving plans and specifications in building for Criminal Courts and other purposes, proposed to be erected in the City Hall Park of the City of New York, is hereby advertised, is extended from the first day of March, 1888, to the second day of April, 1888.

By order of the Commissioners of the Sinking Fund.  
RICHARD A. STOKES,  
Secretary.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, JARVIS 30, 1888.

## BOARD OF EDUCATION.

**SEALED PROPOSALS WILL BE RECEIVED BY** the "Executive Committee, on Nautical School," at the Hall of the Board of Education No. 146 Grand street, until April 1, 1888, and on or before the 1st day of April, for "Docking, Remotelling, Repairing Rudder and Calking the School Ship 'St. Marys.'"

Specifications may be seen, and all necessary information may be obtained on board of the ship "St. Marys," foot of East Thirty-first street.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposals will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

HENRY L. SPRAGUE,  
SAMUEL M. PURDY,  
H. W. WEBB,  
W. M. LUMMIS,

Executive Committee on Nautical School.  
March 23, 1888.

## FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

## TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING TEN** thousand (10,000) feet of 2 1/2 inch balanced woven cotton jacket rubber-lined hose, with standard couplings attached, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

Special attention is directed to the test of the hose by the Fire Department and the guarantee of the hose by the contractor, required by the specifications.

No estimate will be received or considered after the hour named.

For information as to the description of the hose, bidders are referred to the specifications, which form part of these proposals.

The form of the agreement, with specifications, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department (Nos. 157 and 159 East Sixty-seventh street).

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The hose is to be delivered at the Repair Shops of the Department (Nos. 157 and 159 East Sixty-seventh street) on or before the thirtieth (30th) day after the execution of the contract.

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 by a clause in the contract, fixed and liquidated at twenty (20) dollars per day.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the supply to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 her 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 Common Council, 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 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, upon its being so awarded, become bound as sureties for its faithful performance in the sum of five thousand (5,000) dollars; 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.

The consent above mentioned shall be accompanied by the oaths or affirmations 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 and hereinafter stated, 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 law.

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 her bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, as herein provided, within three days after having abandoned it, or as in default to the Corporation, and the contract will be readjusted and relet as provided by law.

By order of the Board.  
HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

**SEALED PROPOSALS FOR FURNISHING THE** materials and labor, and doing the work required in repairing one third-class Amoskeag harp tank steam fire engine, (registered number 519, formerly in service with Engine Company No. 35 of this Department), and fitting the same with a boiler of the "La France nest tube" pattern, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

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.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within sixty (60) days after the execution of the contract, or the time specified for the completion thereof shall have expired, are fixed and liquidated at fifteen (15) dollars per day.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 her 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 Common Council, 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 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, upon its being so awarded, become bound as sureties for its faithful performance in the sum of one thousand dollars (\$1,000); 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 oaths or affirmations, 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 law.

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 her bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, as herein provided, within three days after having abandoned it, or as in default to the Corporation, and the contract will be readjusted and relet as provided by law.

By order of the Board.  
HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

as surety or otherwise, upon any obligation to the Corporation.

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 her 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 Common Council, 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 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, upon its being so awarded, become bound as sureties for its faithful performance in the sum of nine hundred (900) dollars; 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 oaths or affirmations, 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 law.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the 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 estimate, or money must not be enclosed 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.

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 her bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, as herein provided, within three days after having abandoned it, or as in default to the Corporation, and the contract will be readjusted and relet as provided by law.

By order of the Board.  
HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

## TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING TWO** four-wheeled hose tenders, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

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.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The tenders to be completed and delivered within sixty (60) days after the execution of the contract, or the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars per day.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 her 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 Common Council, 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 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, upon its being so awarded, become bound as sureties for its faithful performance in the sum of one thousand dollars (\$1,000); 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 oaths or affirmations, 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 law.

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 her bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, as herein provided, within three days after having abandoned it, or as in default to the Corporation, and the contract will be readjusted and relet as provided by law.

By order of the Board.  
HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.



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 law. The adequacy and sufficiency of the security offered, by the person or persons presenting the same, shall be determined by the Board of Commissioners of the City of New York before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of fifty (\$50) dollars. Such check or money must not be enclosed 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 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 him 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.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING TWO** second size Steam Fire Engines with boilers of the "La France" improved nest tube pattern will be received by the Board of Commissioners of the City of New York, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

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.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

The engines are to be completed and delivered within ninety (90) days after the execution of the contract.

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 twenty-five (\$25) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 Common Council, 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 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 or persons to whom the estimate is made, on its being so awarded, become bound as sureties for its faithful performance, in the sum of four thousand (\$4,000) dollars; and that if he shall omit or refuse 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of two hundred (\$200) dollars. Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of two hundred (\$200) dollars. Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING ONE** first size aerial turn-table hook and ladder truck, will be received by the Board of Commissioners of the City of New York, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

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.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The truck to be completed and delivered within ninety (90) days after the execution of the contract.

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 twenty (\$20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 Common Council, 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 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 or persons to whom the estimate is made, on its being so awarded, become bound as sureties for its faithful performance, in the sum of two thousand (\$2,000) dollars; and that if he shall omit or refuse 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of one hundred (\$100) dollars. Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of one hundred (\$100) dollars. Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING ONE** second size aerial turn-table hook and ladder truck and fire-escape, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

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.

Bidders will write out the amount of their estimates, in addition to inserting the same in figures.

This truck to be completed and delivered within ninety (90) days after the execution of the contract.

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 twenty (\$20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 Common Council, 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 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 two thousand (\$2,000) dollars; 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 on 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 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 law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of one hundred dollars (\$100). Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING** twenty thousand (20,000) feet of 2 1/2-inch circular, woven-cotton, rubber-lined hose, with standard couplings attached, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 28, 1888, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the description of the hose, bidders are referred to the specifications which form part of these proposals.

The form of the agreement, with specifications, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

The hose is to be delivered at the Repair Shops of the Fire Department (Nos. 130 and 132 West Third street), on or before the nineteenth (90th) day after the execution of the contract.

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, by a clause of the contract, fixed and liquidated at twenty (\$20) dollars per day.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the supply to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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 Common Council, 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 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 ten thousand (\$10,000) dollars; 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 on 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 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 law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

*No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five hundred dollars (\$500). Such check or money must not be enclosed 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 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 him 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.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, before the award is made and prior to the signing of the contract.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 15, 1888.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of  
HENRY D. PURROY, President  
RICHARD CROKER  
Commissioners.

CARL JESSEN,  
Secretary.

NEW PARKS.

**ALL THE OWNERS OF LANDS AND PERSONS IN-**terested in the lands and premises and buildings embraced within the limits of Crotona Parkway, Crotona Park, Claremont Park, and St. Mary's Park, as described in chapter 22 of the Laws of 1884, are hereby notified and required to produce before the Commissioners of Estimate, duly appointed hereunder by order of the Supreme Court, at their office, at No. 45 William street, at one o'clock in the afternoon of April 2, 1888, their deeds, mortgages, or other proofs of title; and the said owners and persons interested are also notified and required to produce at the same time and place their proofs of loss and damage to said lands and premises or buildings, and the said owners and persons are hereby further notified that the Commissioners of Estimate will sit at said place and hear said proofs of loss and damage offered by said owners and persons interested on the following days, to wit:

April 2, 3, 4, 5 and 6, 1888, at one o'clock P. M.  
April 7, 1888, at eleven o'clock A. M.  
April 9, 10, 11, 12 and 13, 1888, at one o'clock P. M.  
April 14, 1888, at eleven o'clock A. M., which last mentioned day shall be the final day of hearing for said owners and persons interested.

And also to hear the proofs of loss and damage to said lands and premises which shall be offered in behalf of the City of New York, on the following days, to wit:

April 16, 18 and 20, 1888, at one o'clock P. M.; April 23, 25 and 27, 1888, at one o'clock P. M.; April 30, May 2 and May 4, 1888, at one o'clock P. M.

LUTHER R. MARSH, Chairman,  
GEORGE W. QUINTARD,  
J. SEAYER PAGE,  
Commissioners.

Dated New York, March 23, 1888.

DEPARTMENT OF DOCKS.  
(Work of construction under new plan.)

DEPARTMENT OF DOCKS,  
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 274.)

**PROPOSALS FOR ESTIMATES FOR REMOV-**ING ALL THAT PART OF THE OLD PIER

AT THE FOOT OF WEST FIFTY-FIFTH STREET, NORTH RIVER, WHICH LIES WESTERLY OF A LINE 50 FEET WEST OF THE NEW BULKHEAD LINE, AND PARING FOR AND BUILDING A NEW WOODEN PIER AT THE FOOT OF WEST FIFTY-FIRST STREET, NORTH RIVER.

ESTIMATES FOR REMOVING A PART OF

the Pier at the foot of West Fifty-first street, North river, and for building a new Wooden Pier at the foot of West Fifty-fifth street, North river, will be received by the Board of Commissioners of the Department of Docks, at the office of said Department, on Pier "A" foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

WEDNESDAY, MARCH 28, 1888,

at which time and place the estimates will be publicly opened by the heads of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance, in the sum of Seven Thousand Two Hundred Dollars.











And as shown on certain maps filed by the Commissioners of the Department of Public Parks in the office of the Register of the City and County of New York, in the office of the Secretary of the State of New York, and in the Department of Public Parks.

Dated, New York, February 18, 1888.

HENRY R. BECKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf 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 that part of COURTLAND AVENUE (although not yet named by proper authority) extending from the southerly side of East One Hundred and Forty-eighth street to the northerly side of East One Hundred and Sixty-third street, 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 by the Department of Public Parks.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants of all houses and lots and improved or 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 these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 20th day of March, 1888, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 20th day of March, 1888, and if that purpose will be in attendance at our said office on each of said ten days at four o'clock P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the twenty-ninth day of March, 1888.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by an irregular line commencing at a point in the southerly side of East One Hundred and Fifty-eighth street, about 400 feet westerly from the westerly side of Courtland avenue, and running northerly, easterly and westerly to its intersection with the prolongation of Courtland avenue, and running to a point in the southerly side of East One Hundred and Sixty-third street, the prolongation westerly from the westerly side of Courtland avenue of the northerly side of East One Hundred and Sixty-third street; easterly by the westerly side of Melrose avenue, an irregular line commencing at East One Hundred and Forty-ninth street and Melrose avenue and running to a point in the westerly side of Third avenue, distant about 120 feet northerly from the north-east corner of Third avenue and Courtland avenue and the westerly side of Third avenue; southerly by said last-mentioned irregular line, the westerly side of Third avenue and the northerly side of East One Hundred and Forty-sixth street, and westerly by a line parallel, or nearly so, with and distant about 400 feet westerly from the westerly side of Courtland avenue, and running northerly from the northerly side of East One Hundred and Forty-sixth street to the southerly side of East One Hundred and Fifty-eighth street, and an irregular line commencing at the southerly side of East One Hundred and Fifty-eighth street and running northerly, easterly and westerly to its intersection with the prolongation westerly from Courtland avenue of the northerly side of East One Hundred and Sixty-third street; excepting from said area all the streets and avenues heretofore opened and all the unimproved land included within the lines of said streets, roads, public squares or places, shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or chapter 410 of the Laws of 1882, as such area is shown upon our benefit map, deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twentieth day of April, 1888, at the opening of the Court on that day, and that thereafter, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 14, 1888.

EDWARD MCUE,  
WM. V. I. MERCER,  
MITCHELL LEVY,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonality of said City, relative to the opening of LEXINGTON AVENUE, from Ninety-seventh street to One Hundred and Second street, in the Twelfth Ward of the City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or 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 these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 20th day of March, 1888, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 20th day of March, 1888, and for that purpose will be in attendance at our said office on each of said ten days at twelve o'clock M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 20th day of March, 1888.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the southerly side of One Hundred and Thirty-second street and the westerly side of Exterior street, easterly by the line of the blocks between Exterior street and Lexington avenue, the centre line of the blocks between Third avenue and Lexington avenue and the centre line of the block between Sylvan street and Lexington avenue; southerly by the northerly side of Sixty-seventh street and westerly by the centre line of the blocks between Fourth avenue and Lexington avenue; excepting from said area all the streets and avenues heretofore opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof,

in the County Court-house, at the City Hall, in the City of New York, on the twentieth day of April, 1888, at the opening of the court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 14, 1888.

GEORGE W. MCLEAN,  
WILLIAM V. I. MERCER,  
CHARLES W. WELSH,  
Commissioners.

CARROLL BERRY,  
Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf 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 that portion of LIND AVENUE (although not yet named by proper authority) extending from Wolf street to Devoe street, 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 by the Department of Public Parks.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or 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 these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 20th day of March, 1888, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 20th day of March, 1888, and if that purpose will be in attendance at our said office on each of said ten days at 12 o'clock M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the sixteenth day of March, 1888.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the southerly side of Wolf street, easterly by a line parallel or nearly so with and distant about one hundred feet easterly from the easterly side of Lind avenue and extending from the northerly side of Devoe street to the southerly side of Wolf street; excepting from said area all the streets and avenues heretofore opened and all the unimproved land included within the lines of said streets, avenues, roads, public squares or places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twentieth day of April, 1888, at the opening of the Court on that day, and that thereafter, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, January 26, 1888.

MICHAEL J. KELLY,  
JOHN H. KITCHEN,  
THOMAS J. MILLER,  
Commissioners.

CARROLL BERRY, Clerk.

## HEALTH DEPARTMENT.

HEALTH DEPARTMENT, No. 301 MOTT STREET,  
NEW YORK, January 31, 1888.

**AT A MEETING OF THE BOARD OF HEALTH** of the Health Department of the City of New York, held at its office, No. 301 Mott street, January 27, 1888, it was resolved that the following resolution be adopted, to wit:

Resolved, That section 25 of the Sanitary Code be and is hereby amended so as to read as follows: Sec. 25. That no owner or lessee of any building, or any part thereof, shall lease, or let, or hire out the same or any portion thereof, to be occupied by any person, or allow the same to be occupied, as a place in which, or for any one, to dwell or lodge, except when said buildings or parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in compliance with that condition of cleanliness and wholesomeness, for which this Code or any law of this State provides, or in which they or either of them require any such provision to be kept. No shall any such person, rent, hire out, or allow, having power to prevent the same to be used as or for a place of sleeping or residence, any portion or apartment of any building, which apartment or portion has not at least one foot of height and space above the level of every part of the sidewalk and curbstone of any adjacent street, nor of which the floor is damp by reason of water from the ground, or which is so constructed or so situated as to be a source of gas, smell, or exhalation prejudicial to health. But this section shall not prevent the leasing, renting, or occupancy of cellars or rooms less elevated than aforesaid, as a part of any building rented or let, when they are not let, or intended to be occupied or used by any person as a sleeping apartment, or as a principal or sole dwelling apartment.

JAMES C. BAYLES,  
President.

EMMONS CLARK,  
Secretary.

## DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,  
STAATS ZEITUNG BUILDING,  
NEW YORK.

**IN COMPLIANCE WITH SECTION 517 OF THE** City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate of the City and County of New York" for the year 1888, shall be open for examination and correction from the second Monday of January, 1888, until the first day of May 1888.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law. Applications for correction of assessed valuations on personal estate must be made by the person assessed, to the said Commissioners, between the hours of 10 A. M. and 2 P. M. at this office, during the same period.

MICHAEL COLEMAN,  
EDWARD C. DONNELLY,  
THOMAS L. FEITNER,  
Commissioners of Taxes and Assessments

## DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, March 14, 1888.

### TO CONTRACTORS.

**BIDS OR ESTIMATES, INCLOSED IN A SEALED** envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office, until 12 o'clock, Wednesday March 28, 1888, at which place and hour they will be publicly opened by the head of the Department.

1. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-THIRD STREET, from the Boulevard to West End avenue.
2. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-FIFTH STREET, from the Boulevard to West End avenue.
3. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-SIXTH STREET, from Avenue A to Avenue B.
4. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF NINETEENTH STREET, from Second to Third avenue.
5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRD STREET, from Ninth to Tenth avenue.
6. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF MADISON AVENUE, from One Hundred and Third to One Hundred and Fifth street.
7. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND TWELFTH STREET, from Eighth to New avenue (now Manhattan avenue).
8. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND TWENTY-SECOND STREET, from Fourth to Madison avenue.
9. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRTY-SECOND STREET, from Fourth to Madison avenue.
10. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND FORTY-FIRST STREET, from Avenue St. Nicholas to Tenth avenue.

Each estimate must contain the name and place of residence of the person 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 work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profit thereon.

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 sum of five dollars, which shall be deposited 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 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, and that he is a resident of the City of New York, 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 the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimates, and the amount of the deposit made 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 person 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 shall be returned to him.

**THE COMMISSIONER OF PUBLIC WORKS** RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMES 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 at Room 1, No. 31 Chambers street.

D. LOWBER SMITH,  
Deputy and Acting Commissioner of Public Works.

## REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

**UNDER CHAPTER 410, LAWS 1882, SECTIONS** 350, 351, 352 and 353, and as amended by chapter 559, Laws 1887, and chapter 188, Laws 1888.

The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be appropriated to the different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. *All extra charges for water shall be deemed to be taxes on the premises, and shall not become a charge and lien upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears.* Such regular rents, including the extra charges aforesaid mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be

laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters. \* \* \* \* \*

The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents.

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

**Croton Water Rates for Buildings from 6 to 50 feet,** all others not specified subject to Special Rates.

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet.	5 00	6 00	7 00	8 00	9 00
18 to 20 feet.	6 00	7 00	8 00	9 00	10 00
20 to 22½ feet.	7 00	8 00	9 00	10 00	11 00
22½ to 25 feet.	8 00	9 00	10 00	11 00	12 00
25 to 30 feet.	11 00	12 00	13 00	14 00	15 00
30 to 37½ feet.	13 00	14 00	15 00	16 00	17 00
37½ to 50 feet.	14 00	15 00	16 00	17 00	18 00

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The apportionment of the regular rents upon dwellings is based on the fact that one family is to occupy the same, and for each additional family, one dollar per year shall be charged.

METERS will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them.

The extra and miscellaneous rates shall be as follows to wit:

**BAKERYES.**—For the average daily use of flour, for each barrel, three dollars per annum.

**BARBER SHOPS** shall be charged from five to twenty dollars per annum each, in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bath-tub therein.

**BATHING TUBS** in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged at the same rate as bathing tubs.

**BUILDING PURPOSES.**—For each one thousand bricks laid, or for stone-work—to be measured as brick—ten cents per thousand. For plastering, forty cents per hundred square feet.

**COWS**—For each and every cow, one dollar per annum.

**DINING SALOONS** shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

**FISH STANDS** (retail) shall be charged five dollars per annum each.

For all stables not metered, the rates shall be as follows:

**HORSES, PRIVATE.**—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

**HORSES, LIVERY.**—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar.

**HORSES, OMNIBUS AND CAB.**—For each horse, one dollar per annum.

**HORN TROUGHES.**—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

**HOTELS AND BOARDING HOUSES** shall, in addition to the regular rate for private families, be charged for each lodging room, at the discretion of the Commissioner of Public Works.

**LAUNDRIES** shall be charged from eight to twenty dollars per annum in the discretion of the Commissioner of Public Works.

**LIQUOR AND LAGER BEER SALOONS** shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

**PHOTOGRAPH GALLERIES** shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

**PRINTING OFFICES**, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

**SODA, MINERAL WATER AND ROOT BEER FOUNTAINS** shall be charged five dollars per annum each.

**STREAM ENGINES**, where not metered, shall be charged by the horse-power, as follows: For each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten and not over fifteen, the sum of seven dollars and fifty cents each; and for each horse-power over fifteen, the sum of five dollars.

**WATER CLOSETS AND URINALS.**—To each building on a lot one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinafter stated. All closets connected with the sewer with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises.

Urinals shall be charged two dollars per annum each.

**WATER CLOSET RATES.**—For hoppers of any form, where water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each, per year, twenty dollars.

For any pan closet, or any of the forms of valve, plunger, or other water-closet not before mentioned, supplied with water as above described, per year, ten dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock, and overflow pipe that connects the cistern with the pipe to the water-closet, so that overflowing water runs into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, and are so constructed that they will not hold more than three gallons of water can be drawn at each lift of the handle, or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe shall connect with the sewer, with a water-closet, but be carried like a safe-waste, as provided by the Board of Health regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

### METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 353, Laws 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law."



All manufacturing and other business requiring a large supply of water will be fitted with a meter.  
Water measured by meter, ten cents per one hundred cubic feet.

Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.
25	05	\$3 75
50	05	7 50
75	05	11 25
100	05	15 00
125	05	18 75
150	05	22 50
175	05	26 25
200	05	30 00
225	04 1/2	33 75
250	04 1/2	37 50
275	04 1/2	41 25
300	04 1/2	45 00
325	04 1/2	48 75
350	04 1/2	52 50
375	04 1/2	56 25
400	04 1/2	60 00
425	04 1/2	63 75
450	04 1/2	67 50
475	04 1/2	71 25
500	04 1/2	75 00
525	04 1/2	78 75
550	04 1/2	82 50
575	04 1/2	86 25
600	04 1/2	90 00
625	04 1/2	93 75
650	04 1/2	97 50
675	04 1/2	101 25
700	04 1/2	105 00
725	04 1/2	108 75
750	04 1/2	112 50
775	04 1/2	116 25
800	04 1/2	120 00
825	04 1/2	123 75
850	04 1/2	127 50
875	04 1/2	131 25
900	04 1/2	135 00
925	04 1/2	138 75
950	04 1/2	142 50
975	04 1/2	146 25
1,000	04 1/2	150 00
1,025	04 1/2	153 75
1,050	04 1/2	157 50
1,075	04 1/2	161 25
1,100	04 1/2	165 00
1,125	04 1/2	168 75
1,150	04 1/2	172 50
1,175	04 1/2	176 25
1,200	04 1/2	180 00
1,225	04 1/2	183 75
1,250	04 1/2	187 50
1,275	04 1/2	191 25
1,300	04 1/2	195 00
1,325	04 1/2	198 75
1,350	04 1/2	202 50
1,375	04 1/2	206 25
1,400	04 1/2	210 00
1,425	04 1/2	213 75
1,450	04 1/2	217 50
1,475	04 1/2	221 25
1,500	04 1/2	225 00
1,525	04 1/2	228 75
1,550	04 1/2	232 50
1,575	04 1/2	236 25
1,600	04 1/2	240 00
1,625	04 1/2	243 75
1,650	04 1/2	247 50
1,675	04 1/2	251 25
1,700	04 1/2	255 00
1,725	04 1/2	258 75
1,750	04 1/2	262 50
1,775	04 1/2	266 25
1,800	04 1/2	270 00
1,825	04 1/2	273 75
1,850	04 1/2	277 50
1,875	04 1/2	281 25
1,900	04 1/2	285 00
1,925	04 1/2	288 75
1,950	04 1/2	292 50
1,975	04 1/2	296 25
2,000	04 1/2	300 00

The rate charged for steam-vessels taking water daily or belonging to daily lines, is one-half cent per ton (Custom House measurement) for each time they take water.

Steamers taking water other than daily, one cent per ton (Custom House measurement).

Water supplied to sailing vessels and put on board, twenty-five cents per hundred gallons.

All matters not hereinbefore embraced are reserved for special contract by and with the Commissioner of Public Works.

HYDRANTS, HOSE, TROUGH, FOUNTAINS, ETC., ETC.

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste of water.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or horse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose.

All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order, and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures.

No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-salons, confectioneries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed, will become a lien on the premises in like manner as all other charges for unpaid water rates.

By order, JOHN NEWTON,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, June 27, 1887.

PUBLIC NOTICE AS TO WATER RATES

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 359, Laws of 1887, amended by chapter 202 of the New York City Consolidation Act of 1882, passed June 10, 1887, the following changes are made in charging and collecting water rents:

1st. All extra charges for water incurred from and after June 9, 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretofore been treated.

2d. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1887, will be canceled of record on the books of the Department.

D. LOWBER SMITH,  
Deputy and Acting Commissioner of Public Works

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, November 10, 1886.

NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful

waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wasted. Notice is therefore given to all householders that, in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks, from defective service pipes or plumbing, or waste of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will be allowed for any portion of one year.

JOHN NEWTON,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, September 29, 1886.

PUBLIC NOTICE.

PERSONS HAVING ANY BUSINESS IN THIS Department which is not assigned to or transacted by the several Bureaux in the Department, and which should come under the immediate notice of the Commissioner of Public Works, are requested to communicate directly in person, or by letter, with the Commissioner.

JOHN NEWTON,  
Commissioner of Public Works.

ARMORY BOARD.

ARMORY BOARD—OFFICE OF THE SECRETARY,  
STAATS ZEITUNG BUILDING, TRYON ROW,  
NEW YORK, March 12, 1888.

PROPOSALS FOR ESTIMATES FOR FURNISHING MATERIALS AND PERFORMING IRON WORK IN THE ERECTION OF AN ARMORY BUILDING ON THE BLOCK BOUNDED BY THE BOULEVARD, NINTH AVENUE, SIXTY-SEVENTH AND SIXTY-EIGHTH STREETS, NEW YORK CITY.

PROPOSALS FOR ESTIMATES FOR FURNISHING materials and performing Iron Work in the erection of an Armory Building on the block bounded by the Boulevard, Ninth Avenue, Sixty-seventh and Sixty-eighth streets, New York City, will be received by the Armory Board at the Mayor's office, No. 61 Chambers street, until 2 p. m. of the 29th day of March, 1888, at which time and place they will be publicly opened and read by said Board.

Any person making an estimate for the above work shall furnish the same in a sealed envelope to the President of the Armory Board, indorsed "Estimate for Furnishing Materials and Performing Iron Work in the Erection of an Armory Building for the Twenty-second Regiment, N. G. S. N. Y.," and also with the name of the person or persons presenting the same, and the date of its presentation.

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, in the amount of twenty thousand dollars (\$20,000).

Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. 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 estimate, and shall not at any time after the submission of an estimate, dispute or complain of the statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Armory Board, 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 prices therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of contract 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.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, and so on until it is accepted and executed.

Bidders are required to state in their estimate their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also that a member of the Common Council, 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; which estimate must be verified by the oath, in writing, of the party 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 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation or Armory Board 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 to be done 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 and stated in the proposals, over and above all his debts of every nature, and over and above his liabilities as surety in other contracts; and that he has offered himself as surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

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 one thousand dollars (\$1,000). 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 Board 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 by the Comptroller to the persons making the same, within three days after the contract is awarded. If the successful bidder 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 his deposit will be returned to him by the Comptroller.

No 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.

Bidders are requested, in making their bids or estimates, to use a blank prepared for that purpose by the Board, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be seen upon application at the office of the architect, Mr. G. B. Post, No. 15 Cortlandt street.

The Board reserves the right to reject any or all estimates not deemed beneficial to or for the public interest.

Plans may be examined, and specifications and blank forms for bids or estimates obtained, by application to the architect, at his office, No. 15 Cortlandt street, New York City.

ABRAM S. HEWITT, Mayor;  
MICHAEL COLEMAN,  
Pres't Com'r Dept. Taxes and Assessments;  
JOHN NEWTON,  
Commissioner Public Works Department;  
BRIG.-GEN. LOUIS FITZGERALD,  
COLONEL EMMONS CLARK,  
Commissioners.

ARMORY BOARD—OFFICE OF THE SECRETARY,  
STAATS ZEITUNG BUILDING, TRYON ROW,  
NEW YORK CITY, March 12, 1888.

PROPOSALS FOR ESTIMATES FOR FURNISHING MATERIALS AND PERFORMING PLUMBING AND GAS-FITTING WORK IN THE ERECTION OF AN ARMORY BUILDING ON THE BLOCK BOUNDED BY THE BOULEVARD, NINTH AVENUE, SIXTY-SEVENTH AND SIXTY-EIGHTH STREETS, NEW YORK CITY.

PROPOSALS FOR ESTIMATES FOR FURNISHING materials and performing Plumbing and Gas-fitting Work in the erection of an Armory Building on the block bounded by the Boulevard, Ninth Avenue, Sixty-seventh and Sixty-eighth streets, City and County of New York, will be received by the Armory Board at the Mayor's Office, No. 61 Chambers street, until 2 p. m. of the 29th day of March, 1888, at which time and place they will be publicly opened and read by said Board.

Any person making an estimate for the above work shall furnish the same in a sealed envelope to the President of said Armory Board, indorsed "Estimate for Furnishing Materials and Performing Plumbing and Gas-fitting Work in the Erection of an Armory Building for the Twenty-second Regiment, N. G. S. N. Y.," and also with the name of the person or persons presenting the same, and the date of its presentation.

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, in the amount of thirty thousand dollars (\$30,000).

Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. 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 estimate, and shall not at any time after the submission of an estimate, dispute or complain of the statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Armory Board, 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 prices therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of contract 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.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, and so on until it is accepted and executed.

Bidders are required to state in their estimate their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also that a member of the Common Council, 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; which estimate must be verified by the oath, in writing, of the party 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 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation or Armory Board may be obliged to pay to the person to whom the contract may be awarded

to the person or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation or the Armory Board 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 to be done 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, as stated in the proposals, over and above all his debts of every nature, and over and above his liabilities as surety in other contracts; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

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 one hundred and fifty dollars (\$150). 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 Board 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 by the Comptroller to the persons making the same, within three days after the contract is awarded. If the successful bidder 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 his deposit will be returned to him by the Comptroller.

No 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.

Bidders are requested, in making their bids or estimates, to use a blank prepared for that purpose by the Board, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be seen upon application at the office of the architect, G. B. Post, No. 15 Cortlandt street.

The Board reserves the right to reject any or all estimates not deemed beneficial to or for the public interest.

Plans may be examined, and specifications and blank forms for bids or estimates obtained, by application to the architect, at his office, No. 15 Cortlandt street, New York City.

ABRAM S. HEWITT, Mayor;  
MICHAEL COLEMAN,  
Pres't Com'r Dept. Taxes and Assessments;  
JOHN NEWTON,  
Commissioner Public Works Department;  
BRIG.-GEN. LOUIS FITZGERALD,  
COLONEL EMMONS CLARK,  
Commissioners.

ARMORY BOARD—OFFICE OF THE SECRETARY,  
STAATS ZEITUNG BUILDING, TRYON ROW,  
NEW YORK, March 12, 1888.

PROPOSALS FOR ESTIMATES FOR FURNISHING MATERIALS AND PERFORMING MASONRY WORK IN THE ERECTION OF AN ARMORY BUILDING ON THE BLOCK BOUNDED BY THE BOULEVARD, NINTH AVENUE, SIXTY-SEVENTH AND SIXTY-EIGHTH STREETS, NEW YORK CITY.

PROPOSALS FOR ESTIMATES FOR FURNISHING materials and performing Masonry Work in the erection of an Armory Building on the block bounded by the Boulevard, Ninth Avenue, Sixty-seventh and Sixty-eighth streets, City and County of New York, will be received by the Armory Board at the Mayor's office, No. 61 Chambers street, until 2 p. m. of the 29th day of March, 1888, at which time and place they will be publicly opened and read by said Board.

Any person making an estimate for the above work shall furnish the same in a sealed envelope to the President of said Armory Board, indorsed "Estimate for Furnishing Materials and Performing Masonry Work in the Erection of an Armory Building for the Twenty-second Regiment, N. G. S. N. Y.," and also with the name of the person or persons presenting the same, and the date of its presentation.

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, in the amount of thirty thousand dollars (\$30,000).

Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. 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 estimate, and shall not at any time after the submission of an estimate, dispute or complain of the statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Armory Board, 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 prices therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

Bidders will state in their estimate a price for the whole of the work to be done, in conformity with the approved form of contract 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.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be



THE CITY RECORD IS PUBLISHED DAILY.  
Sundays and legal holidays excepted, at No. 2 City  
Hall, New York City. Price, single copy, 3 cents  
annual subscription, by mail, \$9.30.

THOMAS COSTIGAN,  
Supervisor