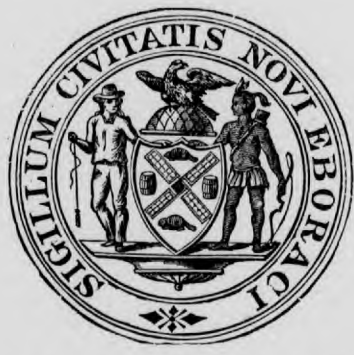


# THE CITY RECORD.

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## HEALTH DEPARTMENT.

For the Quarter ending December 31, 1888.

HEALTH DEPARTMENT, No. 301 MOTT STREET,  
NEW YORK, February 6, 1889.

Hon. HUGH J. GRANT, Mayor, etc.:

SIR—I have the honor to transmit herewith the report of the Board of Health for the quarter ending December 31, 1888.

Yours, very respectfully,  
EMMONS CLARK, Secretary.

### SANITARY BUREAU.

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, 1888:

The number of inspections made by the Sanitary Inspectors and the Sanitary Police was 90,260.

The number of causes of complaint returned was 6,920.

The number of complaints received from citizens was 2,727, 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 777 permits to discharge cargoes, under proper vouchers from the Health Officer of the Port; 316 permits to scavengers to empty privies; 40 permits to land rags (in bulk) under bonds; and 28 miscellaneous permits under the Sanitary Code.

The following is a summary of the work performed by the Sanitary Inspectors:  
Number of inspections made..... 10,789  
“ complaints made..... 1,615

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.....	1,943
Lodging-houses.....	46
Private dwellings.....	407
Other dwellings.....	191
Public buildings.....	21
Other buildings.....	162
Manufactories and workshops.....	187
Stores and warehouses.....	48
Stables.....	874
Offensive trade buildings.....	5
Sunken and vacant lots.....	134
Public highways.....	28
Dumps and dumping-grounds.....	3
Docks and piers.....	1
Railroads.....	2
Water courses.....	4
Marsh lands.....	2
Ponds.....	1
Receiving-basins and public sewers.....	11
Total.....	4,070
Total re-inspections of same.....	6,719
Total inspections and re-inspections made.....	10,789

Number of privy vaults ordered abolished..... 32  
“ cellars ordered to be made water-tight..... 108

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.....	4	1	5
Dangerous buildings.....	6	2	8	Dangerous structures.....	44	4	48
Offensive trade buildings.....	10	4	14	Manure vaults.....	100	7	107
Railroads.....	1	1	2	Repairs needed.....	360	40	400
Public sewers and receiving-basins..	14	8	22	Cellars and basements.....	336	110	446
Public highways.....	8	1	9	Privies and water-closets.....	697	174	871
Water courses.....	3	..	3	Cesspools.....	67	11	78
Ponds.....	1	1	2	Croton water supply.....	87	48	135
Sunken and vacant lots.....	82	15	97	Chimneys.....	72	18	90
Dumping grounds.....	1	3	4	Streets, gutters and sidewalks.....	15	1	16
Croton water mains.....	3	..	3	Ash and garbage receptacles.....	11	1	12
Steam-heating mains.....	8	1	9	Cows and other animals.....	4	1	5
Gas-mains.....	6	4	10	Fowls.....	5	..	5
Stables.....	121	22	143	Filth.....	378	135	513
Plumbing.....	845	266	1,111	Noise.....	3	4	7
Drainage.....	710	215	925	No housekeeper.....	3	1	4
Ventilation.....	93	74	167	Totals.....	4,142	1,191	5,333
Light.....	42	18	60				

The whole number of citizens' complaints received from the Sanitary Bureau for investigation and report by the Sanitary Inspectors was..... 1,732  
The whole number of complaints received from the Sanitary Officers for investigation and report by the Sanitary Inspectors was..... 273  
The whole number of reports upon complaints, original and referred, which have been forwarded to the Sanitary Bureau for Board's orders was..... 1,615  
The whole number of reports upon complaints, original and referred, which have been forwarded to the Sanitary Superintendent for action, was..... 724  
The whole number of original complaints made by the Inspectors and forwarded to the Sanitary Bureau for the Board's orders was..... 282  
The whole number of citizens' complaints returned with a negative report was..... 591

The whole number of orders re-inspected and forwarded to the Sanitary Bureau for the Board's action was as follows: Attorney's orders, 1,591; orders complied with, 915; orders not complied with, 183.

The following is a summary of the number of complaints and inspections made by the Medical Inspectors in connection with Contagious Diseases:

Number of inspections made..... 1,869  
“ complaints made..... 787

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

### Summary of Inspections.

Tenement-houses.....	659
Private dwellings.....	62
Other dwellings.....	45
Public buildings.....	2
Lodging-houses.....	2
School buildings.....	3
Manufactories and workshops.....	4
Stables.....	6
Highways.....	2
Piers.....	1
Coal yards.....	1
Total.....	787
Total re-inspections of same.....	1,082
Total inspections and re-inspections made.....	1,869

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

NATURE OF COMPLAINT.	CAUSE.	NATURE OF COMPLAINT.	CAUSE.
Plumbing.....	408	Privies and water-closets.....	157
Drainage.....	149	Cellars and basements.....	16
Ventilation.....	197	Stables.....	2
Repairs.....	103	Manure vaults.....	2
Filth.....	150	Total.....	1,190
Croton water.....	6		

The whole number of orders re-inspected and forwarded to the Sanitary Bureau for the Board's action was as follows: Attorney's orders, 428; orders complied with, 379; orders not complied with, 275.

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

Number of inspections made..... 30,425  
“ complaints made..... 181

### Milk Inspections.

Number of milk inspections made..... 10,674  
“ specimens examined..... 11,702  
“ analyses made..... 69  
“ complaints made..... 17  
“ days at Court and Central Office..... 263  
“ special day inspections made..... 161  
“ early morning inspections made..... 9  
“ nights' special work..... 2  
“ quarts of adulterated milk destroyed..... 2,266  
“ days in country or at laboratory..... 87  
“ arrests made..... 134  
Number held on bail..... 119

Amount of fines collected at Court..... \$5,540

### Special Inspections.

Number of inspections made..... 287  
“ re-inspections made..... 25  
“ complaints made..... 90  
“ analyses made..... 350

### Fruit Inspections.

Number of inspections made..... 7,505  
“ complaints made..... 51  
“ days at Court and Central Office..... 171

Condemned and Seized.	Pounds.
Bananas.....	45,060
Peaches.....	1,650
Oranges.....	26,475
Pomegranates.....	1,100
Grapes.....	3,575
Apples.....	4,150
Pineapples.....	1,000
Vegetables.....	28,545
Canned goods.....	403
Cocoanuts.....	350
Coffee and tea.....	5,900
Sardines.....	30
Cauliflower.....	150
Celery.....	400
Cranberries.....	2,525



Condemned and Seized.	Pounds.
Cabbages.....	250
Sourkruit.....	300
Chestnuts.....	4,800
Nuts.....	1,500
Total number of pounds of fruit condemned and seized.....	128,163

Number of inspections made of commission-houses.....	1,286
“ “ auction-houses.....	195
“ “ stores.....	2,003
“ “ licensed venders.....	738
“ “ vessels.....	368
“ “ railroad depots.....	244
“ “ stands.....	2,291
“ “ markets.....	290
“ “ factories.....	3
“ “ stables.....	1
“ “ hydrants.....	6
“ “ wells.....	30

*Meat and Fish Inspections.*

Condemned and Seized.	Pounds.
Beef.....	24,745
Veal.....	23,100
Mutton.....	32,957
Pork.....	2,315
Poultry.....	8,567
Game.....	1,500
Tenderloins.....	300
Sausage.....	600
Fish.....	110,441
Total.....	204,525

Number of inspections made.....	11,933
“ complaints made.....	23
“ days at Court and Central office.....	48

Number of inspections made of commission houses.....	2,234
“ “ butcher shops.....	1,655
“ “ slaughter-houses.....	1,802
“ “ packing-houses.....	43
“ “ stock yards.....	88
“ “ railroad depots.....	244
“ “ vessels.....	82
“ “ stores.....	1,745
“ “ stands.....	1,894
“ “ licensed venders.....	1,721
“ “ markets.....	402

*Work Performed by the Assistant Chemists.*

Number of analyses made.....	299
“ experimental analyses made.....	32
“ lactometers tested.....	30
“ thermometers tested.....	28
“ inspections made.....	26
“ days at Court and Central Office.....	79

*Work Performed in the Inspection of Offensive Trades.*

Total number of inspections made.....	4,799
“ complaints made.....	35
“ special reports made.....	6
Number of days at Court and Central Office.....	59
“ nights of special work.....	19

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

Number of inspections made.....	42,378
“ complaints made.....	4,302

Number of complaints made and referred to Sanitary Inspectors.....	341
“ “ returned on citizens' complaints.....	384

The number of orders received, inspected and reported upon was 10,001, of which number there have been returned to the Sanitary Superintendent :

Orders complied with.....	2,359
“ not complied with.....	5,729
Orders re-inspected and found complied with or progressing and referred to the Sanitary Inspectors for re-inspection and report.....	2,163
Number of tenement-houses inspected.....	9,197
“ families in tenement-houses inspected.....	52,926
“ lodging-houses inspected.....	408
“ water-closets ordered in lieu of privy vaults.....	162
“ notices served in relation to contagious diseases.....	568
“ “ of violation of plumbing law served.....	558
“ letters delivered.....	1,968
“ scavenger permits collected and returned.....	356
“ tenement-house apartments inspected to ascertain and report if overcrowded.....	4,483

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

NATURE OF COMPLAINTS AND VIOLATIONS REPORTED.	NUISANCES ABATED BY PERSONAL EFFORTS.	COMPLAINTS MADE.	TOTAL.
Air-shafts filthy, not covered or connected with house-sewer.....	63	39	107
Areas filthy and dangerous.....	294	125	419
Ash-boxes in violation of Sanitary Code.....	398	56	454
Balusters and stairs dangerous.....	4	88	92
Cellars filthy.....	1,130	366	1,496
Cellars occupied as place of dwelling or lodging.....	....	67	67
Cellar doors dangerous.....	2	29	31
Cellars not water-tight.....	....	13	13
Cellar ceilings not plastered.....	....	983	983
Cesspools.....	....	13	13
Chimneys dangerous or obstructed.....	....	38	38
Clothes-poles dangerous.....	....	1	1
Cows, no permits.....	....	7	7
Dogs, in violation of Sanitary Code.....	4	27	31
Eaves—Gutters defective or dangerous.....	....	9	9
Fences dangerous.....	7	17	24

NATURE OF COMPLAINTS AND VIOLATIONS REPORTED.	NUISANCES ABATED BY PERSONAL EFFORTS.	COMPLAINTS MADE.	TOTAL.
Fire-escapes filthy or obstructed.....	103	6	109
Flooring broken, dangerous or filthy.....	39	63	102
Fowls, no permit.....	4	37	41
Goats, no permit.....	....	1	1
Hogs, no permit.....	....	1	1
Hydrants out of repair.....	....	26	26
Ice boxes defective.....	....	4	4
Ice box not connected with properly trapped Croton-supplied sink.....	....	1	1
Lodging-house, no permit.....	....	3	3
Leaders, defective, obstructed or dangerous.....	....	54	54
Manure vaults in violation of Sanitary Code, or no permit.....	....	1,730	1,730
Pigeons kept.....	2	16	18
Pumps out of repair.....	....	3	3
Privy accommodations not sufficient.....	....	1,021	1,021
Privy vaults full, offensive or out of repair, etc.....	....	173	173
Privy houses filthy or out of repair.....	600	109	709
Premises not connected with street sewer.....	....	14	14
Receiving-basins full or offensive.....	3	36	39
Roofs leaking and filthy.....	34	145	179
School sinks out of order.....	313	47	360
Stable yards filthy, not paved, graded or sewer connected.....	175	62	237
Stables in tenement-houses.....	....	57	57
Skylights broken.....	2	37	39
Stoops dangerous.....	....	8	8
Soil-pipes obstructed, defective or not ventilated.....	2	80	82
Sinks filthy, defective or not trapped.....	....	44	44
Sidewalks filthy, dangerous or not flagged.....	58	72	130
Street pavements dangerous.....	....	21	21
Streets or gutters filthy or obstructed.....	96	22	118
Street culverts obstructed.....	....	5	5
Smoke-houses in tenement-houses, no permits.....	....	1	1
Supply-pipes obstructed or defective.....	....	113	113
Tenement-houses overcrowded.....	5	64	69
Urinals not trapped, flushed or sewer connected.....	21	15	36
Vacant lots filthy, dangerous, not fenced or sewer connected.....	....	21	21
Vault covers or gratings dangerous.....	....	13	13
Water-closets out of repair or filthy.....	3	185	189
Water-closets not trapped or ventilated.....	....	22	22
Walls and ceilings filthy or out of repair.....	3	740	743
Waste-pipes obstructed, defective, or not ventilated.....	....	107	107
Yards filthy, not properly graded or sewer connected.....	1,151	173	1,324
Yard pavements out of repair.....	....	46	46
Fresh-air inlets obstructed.....	284	1	285
Gas mains defective.....	....	2	2
Total.....	4,805	7,280	12,085

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

Horses.....	1,751	Barrels of poultry.....	48
Colts.....	2	Boxes of offal.....	3,955
Mules.....	2	Pounds of fish.....	20,000
Steers.....	2	Boxes of game.....	15
Cows.....	32	“ fruit.....	11
Calves.....	241	“ cheese.....	50
Goats.....	33	Bags of chestnuts.....	81
Pigs.....	21	Quarters of beef.....	207
Donkeys.....	1	“ veal.....	115
Dogs from Pound.....	1,156	“ mutton.....	63
Cats and dogs.....	5,643		

*WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.**Contagious Diseases Reported.*

	FEVERS.				MEASLES.	DIPHTHERIA.	CEREBRO-SPINAL MENINGITIS.	SMALL-POX.	TOTAL.
	Typhus.	Typhoid.	Scarlet.	Yellow.					
Cases.....	....	413	1,959	....	2,803	1,426	28	6	6,635
Deaths.....	....	107	353	....	158	392	22	2	1,035

*Work Performed by the Inspectors of Vaccination.*

Primary vaccinations.....	8,212
Revaccinations.....	11,633
Total.....	19,845

Visits to small-pox houses.....	178
Visits to sick children.....	136

*Work Performed by the Sanitary Inspectors.*

Cases visited.....	5,716
Houses inspected.....	4,437
Complaints and reports forwarded.....	1,126
Reinspections.....	1,449
Visits to doctors and undertakers.....	165
Visits to Central Office.....	394
Schools and institutions inspected.....	177
Heads of cattle examined.....	6,603
Glandered horses destroyed.....	5



## Work Performed by Disinfecting Corps.

Number of houses visited.....	4,594
"    rooms fumigated.....	2,200
"    rooms disinfected.....	12,315
"    days in ambulance.....	184
"    persons removed to hospital.....	182
"    bodies removed to Morgue.....	3
Pieces of clothing and bedding disinfected.....	890
Ambulance and coupé fumigated.....	178
Number of prescriptions written and filled.....	470
"    certificates of vaccination issued.....	8,208

Moneys received from sale of bovine vaccine virus and deposited with City Chamberlain... \$585 28

## WORK PERFORMED BY THE DIVISION OF PLUMBING AND VENTILATION.

## Plumbing and Drainage of New Buildings.

Plans and specifications for plumbing filed and reported upon.....	317
Buildings included in such plans.....	579
Tabled and disapproved plans re-examined and reported upon.....	79
Total number of plans reported upon.....	396
Amendments to such plans examined and reported upon.....	191
Buildings included in above plans and amendments.....	1,117
Buildings reported begun.....	698
Buildings reported finished.....	1,368
Buildings in course of construction at date.....	2,928
Buildings (in addition) reported projected at date.....	1,135
Buildings reported containing plumbing at date.....	2,133
Notices of violation of plumbing law issued to owners.....	379
Buildings included in the above notices.....	787
Violation cases referred to the Attorney.....	166
Violations reported removed.....	462
Buildings included in removed violations.....	1,052
Inspections under the plumbing law.....	12,268

## Light and Ventilation of New Tenement-houses.

Plans and specifications for light and ventilation filed and reported upon.....	192
Tenements included in such plans.....	594
Tabled and disapproved plans re-examined and reported upon.....	34
Total number of plans reported upon.....	226
Amendments to such plans examined and reported upon.....	91
Tenements included in above plans and amendments.....	681
Tenements reported begun.....	372
Tenements reported finished as to light and ventilation.....	560
Tenements reported in course of construction at date.....	1,316
Tenements (in addition) reported projected at date.....	421
Notices of violation of tenement-house law issued to owners.....	142
Tenements included in above notices.....	290
Violations reported removed.....	173
Tenements included in removed violations.....	338
Violation cases referred to the Attorney.....	104
Inspections under the tenement-house law.....	3,227

## Plumbing and Ventilation of Old Houses.

Citizens' and other complaints received for inspection.....	48
Lodging-house permit cases received for inspection.....	18
Complaints made under Sanitary Code.....	16
Inspections on citizens' complaints, lodging-house cases, etc.....	185
Re-inspections on orders under Sanitary Code.....	125

## RECAPITULATION.

Total number of plans filed.....	509
Total number of original plans and amendments examined, and tabled and disapproved plans re-examined and reported upon.....	904
Total number of complaints, including violations of tenement-house and plumbing laws, and complaints under Sanitary Code (covering 1,125 houses).....	569
Total violations of law removed (covering 1,149 houses).....	485
Total of all inspections and reinspections.....	15,805

## WILLARD PARKER HOSPITAL, EAST SIXTEENTH STREET.

## General Statement.

1888.	MALES.	FEMALES.	NATIVE.	FOREIGN.	TOTAL.	MOTHERS.
Remaining September 30, 1888.....	8	15	16	7	23	3
Admitted.....	52	84	82	54	136	18
Total.....	60	99	98	61	159	21
Discharged.....	36	62	65	33	98	20
Died.....	12	12	19	5	24	..
Total.....	48	74	84	38	122	20
Remaining December 31, 1888.....	12	25	14	23	37	1

Total cases treated..... 159  
Mothers accompanying..... 21

180

Scarlet fever, mortality per cent..... 8.23  
Diphtheria,..... 22.97

As compared with the corresponding quarter for 1887, the following tables show a total decrease of 7, which is due to a decrease of over 12 per cent. in the number of admissions for diphtheria. Scarlet fever shows about the same number of admissions as last year.

## REMAINING IN HOSPITAL, SEPTEMBER 30, 1888.

	CLASS.				MALES.			FEMALES.			Total Males and Females.	Mothers.
	Health Department.	Ward's Island.	Quarantine.	Other Institutions.	Number.	Native.	Foreign.	Number.	Native.	Foreign.		
Scarlet Fever.....	20	..	..	..	7	5	2	13	9	4	20	3
Diphtheria.....	3	..	..	..	1	..	1	2	2	..	3	..
Totals.....	23	..	..	..	8	5	3	15	11	4	23	3

## ADMISSIONS.

	CLASS.				MALES.			FEMALES.			Total Males and Females.	Mothers.
	Health Department.	Ward's Island.	Quarantine.	Other Institutions.	Number.	Native.	Foreign.	Number.	Native.	Foreign.		
Scarlet Fever.....	59	4	..	2	29	24	5	36	15	21	65	9
Diphtheria.....	62	9	..	..	23	14	9	48	29	19	71	9
Totals.....	121	13	..	2	52	38	14	84	44	40	136	18

## DISCHARGES.

Scarlet Fever.....	47	1	..	1	21	18	3	28	18	10	49	11
Diphtheria.....	41	8	..	..	15	8	7	34	21	13	49	9
Totals.....	88	9	..	1	36	26	10	62	39	23	98	20

## DEATHS.

Scarlet Fever.....	7	..	..	..	6	5	1	1	..	1	7	..
Diphtheria.....	16	1	..	..	6	5	1	11	9	2	17	..
Totals.....	23	1	..	..	12	10	2	12	9	3	24	..

## REMAINING IN HOSPITAL DECEMBER 31, 1888.

Scarlet Fever.....	25	3	..	1	9	6	3	20	6	14	29	1
Diphtheria.....	8	..	..	..	3	1	2	5	1	4	8	..
Totals.....	33	3	..	1	12	7	5	25	7	18	37	1

## RECAPITULATION OF REPORT FOR QUARTER ENDING DECEMBER 31, 1888.

	REMAINING SEPT. 30, 1888.		ADMITTED DURING QUARTER.		DISCHARGED DURING QUARTER.		DIED DURING QUARTER.		REMAINING DECEMBER 31, 1888.				
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Native.	Foreign.	Total. Mothers.
Scarlet Fever.....	7	13	29	36	21	28	6	1	9	20	12	17	29
Diphtheria.....	1	2	23	48	15	34	6	11	3	5	2	6	8
Totals.....	8	15	52	84	36	62	12	12	12	25	14	23	37

## SCARLET FEVER.

AGE.	REMAINING SEPT. 30, 1888.			ADMISSIONS.			DISCHARGES.			DEATHS.			REMAINING DEC. 31, 1888.			Mortality, per cent.
	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Under 5 years.....	3	..	3	22	5	27	15	2	17	4	1	5	6	2	8	16.66
5 to 16 years.....	9	3	12	16	6	22	19	3	22	1	..	1	5	6	11	2.94
16 to 21 years.....	..	..	..	6	6	..	4	4	..	..	..	..	2	2	..	..
Over 21 years.....	2	3	5	1	9	10	2	4	6	..	1	1	1	7	8	6.66
Total.....	14	6	20	39	26	65	36	13	49	5	2	7	12	17	29	8.23

## DIPHTHERIA.

AGE.	REMAINING SEPT. 30, 1888.			ADMISSIONS.			DISCHARGES.			DEATHS.			REMAINING DEC. 31, 1888.			Mortality, per cent.
	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Under 5 years.....	..	..	..	15	2	17	4	1	5	11	1	12	..	..	..	70.58
5 to 16 years.....	2	..	2	14	1	15	13	..	13	2	1	3	1	..	1	17.64
16 to 21 years.....	..	..	..	7	11	18	6	7	13	..	..	..	1	4	5	..
Over 21 years.....	..	1	1	7	14	21	6	12	18	1	1	2	..	2	2	9.09
Total.....	2	1	3	43	28	71	29	20	49	14	3	17	2	6	8	22.97

## RECEPTION HOSPITAL, EAST SIXTEENTH STREET.

## General Statement.

1888.	MALES.	FEMALES.	NATIVE.	FOREIGN.	TOTAL.	MOTHERS.
Remaining September 30, 1888.....	..	1	1	..	1	..
Admitted.....	67	45	62	50	112	8
Total.....	67	46	63	50	113	8
Discharged.....	17	8	18	7	25	3
Transferred.....	47	38	43	42	85	5
Died.....	1	..	1	..	1	..
Total.....	65	46	62	49	111	8
Remaining December 31, 1888.....	2	..	1	1	2	..



## REMAINING IN HOSPITAL, SEPTEMBER 30, 1888.

	CLASS.				MALES.			FEMALES.			Total Males and Females.	Mother.
	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Number.	Native.	Foreign.	Number.	Native.	Foreign.		
Varicella.....	1	..	..	..	..	..	..	1	1	..	1	..
Total.....	1	..	..	..	..	..	..	1	1	..	1	..

## ADMISSIONS.

Varicella.....	6	..	9	..	10	2	8	5	1	4	15	..
Scarlet Fever.....	24	2	..	..	19	5	14	7	2	5	26	1
Measles.....	40	8	..	..	23	16	7	25	19	6	48	5
Pertussis.....	7	2	..	..	7	7	..	2	2	..	9	2
Varicella.....	1	..	..	..	1	1	..	..	..	..	1	..
Sent for Isolation.....	10	..	3	..	7	2	5	6	5	1	13	..
Total.....	88	12	12	..	67	33	34	45	29	16	112	8

## DISCHARGES.

Scarlet Fever.....	4	..	3	..	4	4	..	3	1	2	7	1
Pertussis.....	5	2	..	..	5	5	..	2	2	..	7	2
Varicella.....	2	..	..	..	1	1	..	1	1	..	2	..
Sent for Variola—No case.....	..	..	2	..	2	..	2	..	..	..	2	..
“ Yellow Fever—No case.....	3	..	..	..	3	..	3	..	..	..	3	..
“ Measles—Scarlet Fever.....	2	..	1	..	1	1	..	2	2	..	3	..
“ Diphtheria.....	1	..	..	..	1	1	..	..	..	..	..	..
Total.....	17	2	6	..	17	12	5	8	6	2	25	3

## TRANSFERRED TO NORTH BROTHER ISLAND HOSPITAL.

Varicella.....	6	..	8	..	9	2	7	5	1	4	14	..
Scarlet Fever.....	19	..	..	..	15	1	14	4	1	3	19	..
Measles.....	40	8	..	..	23	16	7	25	19	6	48	5
Isolation—Variola.....	2	..	..	..	..	..	..	2	1	1	2	..
“ Measles.....	1	..	..	..	..	..	..	1	1	..	1	..
“ for Variola—Measles.....	1	..	..	..	..	..	..	1	1	..	1	..
Total.....	69	8	8	..	47	19	28	38	24	14	85	5

## DEATHS.

Pertussis.....	1	..	..	..	1	..	..	..	..	..	1	..
Total.....	1	..	..	..	1	1	..	..	..	..	1	..

## REMAINING IN HOSPITAL DECEMBER 31, 1888.

Varicella.....	..	..	1	..	1	..	1	..	..	..	1	..
Pertussis.....	1	..	..	..	1	1	..	..	..	..	1	..
Total.....	1	..	1	..	2	1	1	..	..	..	2	..

## RECAPITULATION OF REPORT FOR QUARTER ENDING DECEMBER 31, 1888.

	REMAINING SEPT. 30, 1888.		ADMITTED DURING QUARTER.		DISCHARGED DURING QUARTER.		TRANSFERRED DURING QUARTER.		DIED DURING QUARTER.		REMAINING IN HOSPITAL, DECEMBER 31, 1888.			
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Native.	Foreign.
Varicella.....	..	..	10	5	..	..	9	5	..	..	1	..	..	1
Scarlet Fever.....	..	..	19	7	4	3	15	4	..	..	..	..	..	..
Measles.....	..	..	23	25	..	..	23	25	..	..	..	..	..	..
Pertussis.....	..	..	7	2	5	2	..	..	1	..	1	..	1	1
Varicella.....	..	1	1	..	1	1	..	..	..	..	..	..	..	..
Sent for Isolation.....	..	..	7	6	7	2	..	4	..	..	..	..	..	..
Total.....	..	1	67	45	17	8	47	38	1	..	2	..	1	1

## RIVERSIDE HOSPITAL, NORTH BROTHER ISLAND.

## SMALL-POX.

	CLASS.				MALES.			FEMALES.			Total.
	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Number.	Native.	Foreign.	Number.	Native.	Foreign.	
Remaining September 30, 1888.....	2	1	..	..	2	1	2	1	2	1	3
Admitted.....	6	8	..	..	9	5	4	7	4	7	14
Total.....	8	9	..	..	11	6	6	11	6	11	17

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Total.
Discharged.....	6	7	..	..	8	5	4	9	13
Died.....	2	..	..	..	1	1	2	..	2
Total.....	8	7	..	..	9	6	6	9	15
Remaining December 31, 1888.....	..	2	..	..	2	..	..	2	2

## SCARLET FEVER.

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Total.
Remaining September 30, 1888.....	1	..	..	..	1	..	..	1	1
Admitted.....	23	..	1	1	21	4	5	20	25
Total.....	24	..	1	1	22	4	5	21	26
Discharged.....	9	..	..	..	9	..	1	8	9
Died.....	1	..	..	1	2	..	1	1	2
Total.....	10	..	..	1	11	..	2	9	11
Remaining December 31, 1888.....	14	..	1	..	11	4	3	12	15

## MEASLES.

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Total.
Remaining September 30, 1888.....	2	..	..	23	17	8	18	7	25
Admitted.....	33	..	..	17	22	28	36	14	50
Total.....	35	..	..	40	39	36	54	21	75
Discharged.....	24	..	..	34	36	22	42	16	58
Died.....	*1	..	..	..	..	1	..	1	1
Total.....	25	..	..	34	36	23	42	17	59
Remaining December 31, 1888.....	10	..	..	6	3	13	12	4	16

\* Complicated with Diphtheria.

## RECAPITULATION OF REPORT.

	Health Department.	Quarantine.	Public Charities and Correction.	Other Institutions.	Males.	Females.	Native.	Foreign.	Totals.
Remaining September 30, 1888.....	5	1	..	23	20	9	20	9	29
Admitted.....	60	8	1	20	52	37	45	44	89
Total.....	65	9	1	43	72	46	65	53	118
Discharged.....	37	7	..	36	53	27	47	33	80
Died.....	4	..	..	1	3	2	3	2	5
Total.....	41	7	..	37	56	29	50	35	85
Remaining December 31, 1888.....	24	2	1	6	16	17	15	18	33

Nurses and children accompanying patients..... 7

## Report of Division of Vital Statistics.

	1888.	1887.	1886.	1885.	1884.
Number of deaths in the City of New York during the quarter ending December 31.....	8,933	8,589	9,555	7,499	8,614.
Death-rate for quarter, estimated on average population for quarters.....	23.16	22.93	26.27	21.23	25.11

QUARTER ENDING DECEMBER 31, 1888.	Certificates Received and Tabulated.	Increase over Previous Quarter.	Decrease from Previous Quarter.	Annual rate per 1,000, Population Estimated at 1,543,136.	Burial Permits Issued.	Transit Permits Issued.	Coroner's Cases.	Searches Made.	Transcripts Issued.
Marriages.....	4,100	739	..	10.63	..	..	..	247	125
Births.....	9,624	43	..	24.95	..	..	..	328	161
Deaths.....	8,858	..	1,984	22.96	8,858	187	1,013	1,252	1,320
Still-births.....	861	72	..	2.23	861	..	..	..	..

The mortality for the last quarter of the year 1888 was slightly in excess of that for the last quarter of 1887, but much less than that of the corresponding quarter of the years 1886 and 1884. It was also less than the average for the past five years. The slight increase over 1887 (.23 of one per cent.) was mainly due to the unusual prevalence of certain zymotic diseases, the year 1888 being one of the culminating periods, which appear to recur at intervals of about six years. The increase was particularly marked in scarlet fever and whooping-cough.



Places where Deaths occurred during Quarter ending December 31, 1888.

PLACE OF DEATH.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping-cough.	Diarrhoeal Diseases.	Rheumatism.	Tabes Mesenterica.	Bronchitis.	Croup.	Emphysema and Asthma.	Phthisis.	Pneumonia.	Bright's Disease and Nephritis.	Total—all causes.	Under One Month.	1 Month and under 1 year.	Total under 5 Years.	65 and over.
Institutions .....	4	28	33	9	3	25	13	2	..	12	42	3	..	17	1	4	390	138	188	1,750	53	133	27	194
Tenement-houses (three families or more) .....	31	323	75	25	42	146	309	..	..	154	206	35	14	416	128	19	775	790	286	5,941	479	1,069	2,868	443
Dwellings with less than three families .....	4	45	18	1	20	9	49	..	..	9	21	15	4	59	20	4	150	143	96	1,221	49	126	346	249
Hotels and boarding-houses .....	..	1	2	..	1	..	1	..	..	..	..	..	..	4	..	..	17	10	20	129	2	2	6	23
Elsewhere .....	..	..	..	..	2	..	..	..	..	..	1	2	..	..	..	1	5	1	8	112	4	2	8	10
Basement and first floor .....	8	82	20	6	18	26	75	..	..	30	46	11	7	110	46	3	189	214	91	..	..	..	..	..
Upper floors .....	25	280	71	20	41	126	275	..	..	127	170	35	11	359	100	20	723	693	285	..	..	..	..	..

\* Comparative Table of Mortality from the Principal Causes of Death in the Fourth Quarter of the Year 1888, with the corresponding Quarter of the Preceding Five Years.

CAUSES OF DEATH.	FOURTH QUARTER, 1888.				1883.	1884.	1885.	1886.	1887.	Total for Five Years Preceding 1888.	Average for Five Years Preceding 1888.	Average Death-rate for same Period on Average Population.	Death-rate for Fourth Quarter 1888, Average Population.
	October.	November.	December.	Total.									
Total, all causes .....	2,970	2,700	3,263	8,933	7,360	8,614	7,499	9,555	8,589	41,617	8323.4	23.54	23.16
Cerebro-spinal Meningitis .....	15	8	13	36	38	51	42	54	37	222	44.4	.12	.09
Diphtheria .....	100	131	164	395	263	417	384	571	592	2,227	445.4	1.26	1.02
Enteric Fever .....	52	37	33	122	178	155	110	135	86	664	132.8	.38	.32
Erysipelas .....	9	8	18	35	36	18	22	29	31	136	27.2	.08	.09
Malarial Fevers .....	20	26	20	66	111	119	86	111	88	515	103.0	.29	.17
Measles .....	38	42	98	178	83	194	19	485	56	837	167.4	.47	.46
Scarlatina .....	65	112	188	365	102	147	81	64	198	592	118.4	.33	.95
Small-pox .....	1	1	..	2	..	..	16	1	5	22	4.4	.01	.005
Typhus Fever .....	..	..	..	..	5	..	9	1	..	15	3.0	.008	..
Whooping Cough .....	60	41	70	171	51	124	147	54	25	401	80.2	.23	.44
Yellow Fever .....	..	..	..	..	..	1	1	..	..	2	.4	.001	..
Cholera Morbus .....	3	1	3	7	2	5	3	6	2	18	3.6	.009	.02
Other Diarrhoeal Diseases .....	141	56	44	241	275	436	270	380	246	1,607	321.4	.91	.62
Other Zymotic Diseases .....	12	17	24	53	..	..	..	..	..	..	..	..	.14
Cancer .....	84	64	74	222	160	177	205	200	222	964	192.8	.55	.58
Rheumatism .....	19	13	23	55	21	36	23	30	25	135	27.0	.08	.14
Tabes Mesenterica .....	10	3	4	17	..	..	..	..	..	..	..	..	.04
Other Constitutional Diseases .....	30	31	39	100	..	..	..	..	..	..	..	..	.26
Apoplexy .....	52	70	80	202	145	162	189	202	229	927	185.4	.52	.52
Convulsions .....	41	29	56	126	103	128	133	127	142	633	126.6	.36	.33
Meningitis and Encephalitis .....	50	53	61	164	144	158	173	197	180	852	170.4	.48	.43
Other Diseases of Nervous System .....	121	104	132	357	..	..	..	..	..	..	..	..	.93
Aneurism .....	11	5	5	21	33	21	21	18	23	116	23.2	.07	.05
Heart Diseases .....	171	163	147	481	436	458	439	487	507	2,327	465.4	1.32	1.25
Other Diseases of Circulatory System .....	13	19	12	44	..	..	..	..	..	..	..	..	.11
Bronchitis .....	144	158	184	486	363	471	395	534	487	2,250	450.0	1.27	1.26
Croup .....	32	43	69	144	189	218	277	333	250	1,247	249.4	.71	.37
Phthisis .....	461	398	451	1,310	1,288	1,403	1,216	1,369	1,282	6,558	1,311.6	3.71	3.40
Pneumonia .....	335	318	419	1,072	753	892	685	1,135	982	4,447	889.4	2.53	2.78
Other Diseases of Respiratory System .....	60	45	65	170	..	..	..	..	..	..	..	..	.44
Gastritis, Gastro-Enteritis, Enteritis and Peritonitis .....	86	60	49	195	156	217	171	256	241	1,041	208.2	.59	.51
Cirrhosis of Liver and Hepatitis .....	21	22	39	82	98	84	95	95	94	466	93.2	.26	.21
Other Diseases of Digestive System .....	57	50	47	154	..	..	..	..	..	..	..	..	.40
Bright's Disease and Nephritis .....	185	186	215	586	457	476	494	577	565	2,569	513.8	1.45	1.52
Premature and Preternatural Births, Cyanosis and Atelectasis .....	93	67	89	249	264	273	267	287	282	1,373	274.6	.78	.65
Puerperal Diseases .....	32	30	43	105	100	76	74	67	79	396	79.2	.22	.27
Old Age .....	47	51	46	144	130	155	114	101	133	633	126.6	.36	.37
Alcoholism .....	23	10	9	42	42	44	33	63	41	223	44.6	.12	.11
Accident .....	84	64	76	224	237	258	259	311	294	1,359	271.8	.77	.58
Homicide .....	5	3	9	17	15	16	11	19	12	73	14.6	.04	.04
Suicide .....	24	24	21	69	43	49	46	49	59	246	49.2	.14	.18
Under one month .....	198	180	196	574	..	..	..	..	..	..	..	..	1.49
One month, and under one year .....	471	362	447	1,280	..	..	..	..	..	..	..	..	3.32
Total under five years .....	1,099	984	1,293	3,376	2,543	3,478	2,742	4,097	3,127	15,987	3,197.4	9.04	8.75
Sixty-five years and over .....	283	293	323	899	..	..	..	..	..	..	..	..	2.33
Natives .....	1,777	1,679	2,054	5,510	4,292	5,371	4,560	6,077	5,142	25,442	5,088.4	14.39	14.28
Foreign-born .....	1,193	1,021	1,209	3,423	3,068	3,243	2,939	3,478	3,447	16,175	3,235.0	9.15	8.87
Colored .....	62	49	58	169	151	175	151	179	158	814	162.8	.46	.44

\* This table represents throughout only the actual mortality of the quarter.



## Mortality from the Principal Causes, by Months, with Ages of Decedents and Meteorology, for the Year 1888.

Estimated population, July 1, 1888, 1,386,081. Death-rate per 1,000 inhabitants, 26.33.

METEOROLOGY.	Mean Barometer.....	30.026	29.960	29.915	29.996	29.901	29.841	29.923	29.897	29.962	29.837	29.988	29.910	29.699
	Mean Humidity.....	69	91	89	79	87	83	75	72	73	67	83	76	78
	Maximum Humidity.....	100	100	100	100	100	100	100	95	95	100	100	100	99
	Minimum Humidity.....	19	63	62	49	46	53	41	44	41	30	51	44	45
	Inches of Rain.....	4.96	3.49	4.62	2.89	5.62	2.60	1.53	7.66	8.16	4.33	4.04	3.42	53.32
	Mean Temperature.....	22.97	29.30	29.99	46.03	58.02	70.85	70.71	72.56	62.81	48.61	45.45	34.74	49.33
	Maximum Temperature (Fahr.).....	54	52	57	83	84	95	89	94	80	66	72	55	73.5
	Minimum Temperature (Fahr.).....	0	1	6	28	40	51	54	53	40	33	17	9	27.6
CAUSE OF DEATH.														
		JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	YEAR.
Total, all Causes.....		3,084	3,191	4,014	3,348	3,342	3,448	4,259	3,594	2,962	2,970	2,700	3,263	40,175
Cerebro-spinal Meningitis.....		10	16	22	27	17	19	11	8	7	15	8	13	173
Diphtheria.....		218	171	252	162	232	173	155	116	60	100	131	164	1,914
Enteric Fever.....		12	13	14	17	17	11	35	42	82	52	37	33	365
Erysipelas.....		15	21	27	20	25	15	10	5	2	9	8	18	175
Malarial Fevers.....		23	23	23	24	22	18	21	22	29	20	26	20	* 271
Measles.....		26	23	18	29	54	86	86	55	36	38	42	98	591
Scarlatina.....		109	116	123	136	145	138	84	79	66	65	112	188	1,361
Small-pox.....		4	3	14	28	18	10	1	1	....	1	1	....	81
Typhus Fever.....		....	1	....	1	1	1	....	....	....	....	....	....	4
Whooping-cough.....		25	21	29	28	26	40	70	81	82	60	41	70	573
Yellow Fever.....		....	....	....	....	....	....	....	....	1	....	....	....	1
Cholera, Asiatic.....		....	....	....	....	....	....	....	....	....	....	....	....	....
Cholera Morbus.....		....	....	1	....	1	9	26	20	8	3	1	3	72
Other Diarrhoeal Diseases.....		33	58	72	72	66	428	1,273	762	412	141	56	44	3,417
Cancer.....		75	67	80	89	78	78	46	62	73	84	64	74	870
Rheumatism.....		12	24	25	19	31	26	13	12	16	19	13	23	233
Tabes Mesenterica and Marasmus †.....		65	53	96	4	5	2	5	10	12	10	3	4	269
Apoplexy.....		63	64	77	82	70	86	52	55	74	52	70	80	825
Convulsions.....		54	68	81	62	44	66	37	47	29	41	29	56	614
Meningitis and Encephalitis.....		67	92	91	101	92	86	77	71	69	50	53	61	914
Aneurism.....		8	8	6	3	7	4	5	3	5	11	5	5	70
Heart Diseases.....		186	164	186	168	172	143	139	126	148	171	163	147	1,913
Bronchitis.....		191	200	227	181	168	120	111	97	111	144	158	884	1,892
Croup.....		92	77	76	51	57	48	28	29	37	32	43	69	639
Phtisis.....		412	445	588	520	463	351	413	408	350	461	398	451	5,260
Pneumonia.....		460	505	648	426	409	222	175	168	203	335	318	419	4,288
Gastritis, Gastro-enteritis, Enteritis and Peritonitis.....		83	69	81	70	78	129	261	181	123	86	60	49	1,270
Cirrhosis of Liver and Hepatitis.....		37	35	40	22	16	22	33	43	32	21	22	39	362
Bright's Disease and Nephritis.....		189	208	238	197	233	179	188	186	138	185	186	215	2,342
Premature and Pretermatural Births, Cyanosis and Atelectasis.....		95	79	125	97	104	102	108	101	95	93	67	89	1,155
Puerperal Diseases.....		30	49	60	35	37	37	29	35	25	32	30	43	442
Old Age.....		37	50	89	43	40	56	49	43	50	47	51	46	581
Alcoholism.....		14	13	17	11	16	26	25	27	12	23	10	9	203
Sunstroke.....		....	....	....	....	....	65	11	19	1	....	....	....	96
Accident.....		83	64	121	93	114	114	118	130	77	84	64	76	1,138
Homicide.....		....	4	12	5	2	7	3	4	2	5	3	9	56
Suicide.....		18	16	21	25	28	22	19	14	15	24	24	21	247
Total under five years.....		1,193	1,237	1,535	1,292	1,280	1,667	2,518	1,844	1,418	1,099	984	1,293	17,360
Natives.....		1,919	1,993	2,449	1,981	1,925	2,331	3,160	2,419	1,974	1,777	1,679	2,054	25,661
Foreign-born.....		1,165	1,198	1,565	1,367	1,417	1,117	1,099	1,175	988	1,193	1,021	1,209	14,514
Colored.....		70	95	105	78	78	77	103	92	68	62	49	58	935

\* Including 73 cases of Typho-malarial Fever.

† Including Marasmus and Scrofula for the first three months and Tabes alone for the rest of the year.

## Particulars regarding Births, Deaths, Marriages and Still-births for Quarter ending December 31, 1888.

	TOTAL.	WHITE.		COLORED.		NATIVE PARENTS.		FOREIGN PARENTS.		MIXED PARENTAGE.		NOT STATED.		SINGLE.		MARRIED.		WIDOWED.		NOT STATED.		NON-RESIDENTS.	The Returns of Births, Marriages and Still-births are incomplete.													
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		MONTH OF UTERO-GESTATION.													
																							1	2	3	4	5	6	7	8	9	10	Not Stated.			
Marriages.....	4,100	4,020	4,022	80	78	....	....	....	....	....	....	....	....	3,544	3,612	....	....	489	392	67	96	....														
Births.....	9,624	4,924	4,597	56	47	1,262	1,230	2,758	2,573	845	766	117	73	....	....	....	....	....	....	....	....	....	1	2	3	4	5	6	7	8	9	10				
Deaths.....	8,858	4,675	4,011	78	94	891	759	3,188	2,815	382	336	292	195	2,909	2,288	1,369	1,056	386	729	89	32	199														
Still-births.....	861	*487	354	6	12	125	93	274	192	67	59	27	22	..	..	....	....	....	....	...	....	....	1	2	12	25	50	108	121	119	421	2				

\* Sex not stated in 2 still-birth returns.

## Deaths by Accident and Negligence during Thirteen Weeks and Two Days ending December 31, 1888.

Burns and Scalds (including 3 by careless use of kerosene and alcohol lamps, 3 explosions; at fire, No. 79 Bowery, 1; burning stable, 2).....	30	East One Hundred and Sixth street, No. 199 Washington street, No. 207 East Forty-second street, No. 500 West One Hundred and Fifty-ninth street, and No. 180 East Seventy-eighth street.....	67
Drowning.....	24	Run over on Railways (including 9 by N. Y., N. H. and Hartford R. R., 7 by N. Y. C. and Hudson River R. R., 1 by West Shore R. R., and 2 by Elevated R. R.).....	20
Falls (including 6 into elevator shafts, hatchways).....	99	Suffocation (including 10 overlaid, and at mother's breast, 1 at fire No. 155 East One Hundred and Tenth street, 1 by smoke in burning building, and 1 by foul air in bunk of vessel).....	14
Fractures and Contusions (including 11 by fall of heavy bodies, 2 by horse car, 3 by kick of a horse).....	28	Wounds (including 2 by self-produced abortion).....	5
Killed by street vehicles (exclusive of horse cars).....	11	Neglect and exposure.....	1
Poison (including 3 by arsenic; 1 by opium and 14 by illuminating gas, viz.: at No. 115 West Twelfth street, No. 332 West Forty-ninth street, New England Hotel, Eastern Hotel, News-boys Home, No. 128 East Fifty-first street, No. 301 West Fifty-seventh street, No. 331 Pleasant avenue, No. 1613 Broadway, No. 220		Total.....	299



Nativity of persons who died in New York City, and nativity of parents of deceased, for the Quarter ending December 31, 1888.

NATIVITY OF DECEASED.	COUNTRY.	NATIVITY OF PARENTS.	NATIVITY OF DECEASED.	COUNTRY.	NATIVITY OF PARENTS.
95	Austro-Hungary.....	222	80	Russia.....	199
55	Bohemia.....	112	62	Scotland.....	80
39	British America.....	26	30	Sweden.....	51
8	China.....	7	35	Switzerland.....	39
156	England.....	196	5,656	United States.....	1,729
49	France.....	65	40	Unknown or not stated.....	465
1,003	Germany.....	1,783	20	West Indies.....	16
3	Holland.....	4	56	Other Foreign Countries.....	60
1,599	Ireland.....	2,702		Mixed Parentage.....	991
142	Italy.....	340			
26	Poland.....	66	9,153	Total.....	9,153

Deaths from Surgical Operations during Quarter ending December 31, 1888.

Amputation.....	2	Ovariectomy.....	5
Circumcision.....	3	Operation for hernia.....	1
Caesarian section.....	1	“ on uterus.....	2
Extirpation of uterus.....	1	Removal of tumor.....	3
Excision of breast.....	2	Tracheotomy.....	1
Hegar's operation for uterine fibroid tumor.....	1	Urethrotomy.....	1
Hysterectomy.....	4		
Laparotomy.....	10	Total.....	37

Deaths of Persons One Hundred Years of Age during Quarter ending December 31, 1888.

DATE OF DEATH.	NAME.	AGE.	CONDITION.	NATIVITY.	TIME OF RESIDENCE IN U. S.	CAUSE OF DEATH.
October 11.....	Katherine Vetkind.....	100	Widow.....	Germany.....	5 years.....	Bronchitis, senile dementia.

Deaths in Certain Selected Localities for Quarter ending December 31, 1888.

DISTRICT.	SITUATION AND BOUNDARIES OF EACH DISTRICT.	PECULIARITIES OF LOCATION AND SURROUNDINGS.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping-cough.	Diarrhoeal Diseases.	Rheumatism.	Bronchitis.	Croup.	Emphysema and Asthma.	Phthisis.	Pneumonia.	Bright's Disease and Nephritis.	Total, all Causes.	Under 1 Month.	Total under 5 Years.	65 and Over.
1	Fourteenth to Twenty-third street, west of Ninth avenue, Sixteenth Ward.....	Tenement-houses and dwellings within 1,000 feet of gas works.	1	11	1	..	..	..	4	..	..	3	2	1	6	..	..	4	8	8	73	2	26	8
2	Thirty-seventh to Forty-eighth street, west of Tenth avenue, Twentieth and Twenty-second Wards.....	Tenement-houses within 1,000 feet of slaughter-houses, fat rendering works, offal dock and gas works.....	1	6	2	..	..	6	5	..	..	3	3	1	11	1	2	22	20	20	136	5	62	6
3	Fourteenth to Fifty-ninth street, Third to Seventh avenue, Sixteenth, Eighteenth, Nineteenth, Twentieth, Twenty-first and Twenty-second Wards.....	Choice residence part of the city. Ridge of the island. Includes Union and Madison Squares..	1	8	11	2	1	8	14	..	..	1	6	3	11	3	..	51	37	39	374	19	81	87
4	Fourteenth to Twenty-sixth street, east of Third avenue, Eighteenth Ward.....	Tenement-houses within 1,000 feet of gas works. Mostly made ground.....	1	17	8	1	3	15	10	..	..	8	16	7	15	4	4	58	45	30	380	27	158	34
5	Thirty-ninth to Forty-ninth street, east of Second avenue, Nineteenth Ward.....	Tenement-houses and middle-class dwellings within 1,000 feet of slaughter-houses, etc. One gas works.....	1	11	3	1	..	1	8	..	..	2	5	..	3	..	..	16	17	6	114	4	53	8
6	Ninety-first to One Hundred and Ninth street, east of Third avenue, Twelfth Ward.....	Tenement and apartment houses. Made ground. Once called the "Harlem flats".....	1	18	9	1	1	5	25	..	..	7	11	2	9	6	..	23	23	9	216	21	112	10
7	Fifty-ninth to One Hundred and Tenth street, Fourth to Ninth avenue, Twelfth, Nineteenth and Twenty-second Wards.....	Private houses and fine apartment houses. Includes Central Park and a block on each side.....	..	2	1	..	..	..	6	..	..	1	..	1	4	1	..	3	8	5	74	1	16	16

Percentage of Deaths from each Cause on Total in each District.

DISTRICT.	SITUATION AND BOUNDARIES OF EACH DISTRICT.	PECULIARITIES OF LOCATION AND SURROUNDINGS.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping-cough.	Diarrhoeal Diseases.	Rheumatism.	Bronchitis.	Croup.	Emphysema and Asthma.	Phthisis.	Pneumonia.	Bright's Disease and Nephritis.	Total, all Causes.	Under 1 Month.	Total under 5 Years.	65 and Over.
1	Fourteenth to Twenty-third street, west of Ninth avenue, Sixteenth Ward.....	Tenement-houses and dwellings within 1,000 feet of gas works.	1.37	15.07	1.37	....	....	....	5.48	....	....	4.11	2.74	1.37	8.22	....	....	5.48	10.96	10.96	..	2.74	35.62	10.96
2	Thirty-seventh to Forty-eighth street, west of Tenth avenue, Twentieth and Twenty-second Wards.....	Tenement-houses within 1,000 feet of slaughter-houses, fat rendering works, offal dock and gas works.....	.74	4.41	1.47	....	....	4.41	3.68	....	....	2.21	2.21	.74	8.09	.74	1.47	16.18	14.71	7.35	..	3.68	45.59	4.41
3	Fourteenth to Fifty-ninth street, Third to Seventh avenue, Sixteenth, Eighteenth, Nineteenth, Twentieth, Twenty-first and Twenty-second Wards.....	Choice residence part of the city. Ridge of the island. Includes Union and Madison Squares..	.27	2.14	2.94	.53	.27	2.14	3.74	....	....	.27	1.60	.80	2.94	.80	....	13.64	9.89	10.43	..	5.08	21.66	23.26
4	Fourteenth to Twenty-sixth street, east of Third avenue, Eighteenth Ward.....	Tenement-houses within 1,000 feet of gas works. Mostly made ground.....	.26	4.47	2.11	.26	.79	3.95	2.63	....	....	2.11	4.21	1.84	3.95	1.05	1.05	15.26	11.84	7.89	..	7.11	41.58	8.95
5	Thirty-ninth to Forty-ninth street, east of Second avenue, Nineteenth Ward.....	Tenement-houses and middle-class dwellings within 1,000 feet of slaughter-houses, etc. One gas works.....	.88	9.65	2.63	.88	....	.88	7.02	....	....	1.75	4.39	....	2.63	....	....	14.03	14.91	5.26	..	3.51	46.49	7.02
6	Ninety-first to One Hundred and Ninth street, east of Third avenue, Twelfth Ward.....	Tenement and apartment houses. Made ground. Once called the "Harlem flats".....	.46	8.33	4.17	.46	.46	2.31	11.57	....	....	3.24	5.09	.93	4.17	2.78	....	10.65	10.65	4.17	..	9.71	51.86	4.63
7	Fifty-ninth to One Hundred and Tenth street, Fourth to Ninth avenue, Twelfth, Nineteenth and Twenty-second Wards.....	Private houses and fine apartment houses. Includes Central Park and a block on each side.....	....	2.70	1.35	....	....	....	8.11	....	....	1.35	....	1.35	5.41	1.35	....	4.05	10.81	6.76	..	1.35	21.62	21.62



## Deaths in Certain Selected Localities for Year ending December 31, 1888.

DISTRICT.	SITUATION AND BOUNDARIES OF EACH DISTRICT.	PECULIARITIES OF LOCATION AND SURROUNDINGS.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping-cough.	Diarrheal Diseases.	Rheumatism.	Bronchitis.	Croup.	Emphysema and Asthma.	Phthisis.	Pneumonia.	Bright's Disease and Nephritis.	Total all causes.	Under 1 Month.	Total under 5 Years.	65 and Over.
1	Fourteenth to Twenty-third street, west of Ninth avenue, Sixteenth Ward .....	Tenement-houses and dwellings within 1,000 feet of gas works .....	3	25	1	..	..	1	10	..	..	11	16	2	17	..	..	28	34	15	264	14	96	36
2	Thirty-seventh to Forty-eighth street, west of Tenth avenue, Twentieth and Twenty-second Wards .....	Tenement-houses within 1,000 feet of slaughter-houses, fat rendering works, offal-dock and gas works .....	4	28	11	2	3	8	25	..	..	11	64	5	34	8	2	85	58	36	607	32	286	35
3	Fourteenth to Fifty-ninth street, Third to Seventh avenue, Wards Sixteen, Eighteen, Nineteen, Twenty, Twenty-one and Twenty-two .....	Choice residence part of the city. Ridge of the island. Includes Union and Madison Squares .....	7	55	31	13	6	12	42	1	1	18	96	13	42	49	2	190	170	146	1,635	83	366	312
4	Fourteenth to Twenty-sixth street, east of Third avenue, Eighteenth Ward .....	Tenement-houses within 1,000 feet of gas works. Mostly made ground .....	5	73	17	9	6	23	24	1	..	25	143	21	72	21	5	211	145	87	1,388	88	561	114
5	Thirty-ninth to Forty-ninth street, east of Second avenue, Nineteenth Ward .....	Tenement-houses and middle class dwellings within 1,000 feet of slaughter-houses, etc. One gas works .....	3	35	7	3	6	8	27	1	..	14	70	2	21	10	1	74	65	24	582	42	298	29
6	Ninety-first to One Hundred and Ninth street, east of Third avenue, Twelfth Ward .....	Tenement and apartment houses, made ground. Once called the "Harlem Flats" .....	4	39	12	4	6	9	59	3	..	20	109	6	37	17	..	84	94	31	807	85	434	47
7	Fifty-ninth to One Hundred and Tenth street, Fourth to Ninth avenue, Twelfth, Nineteenth and Twenty-second Wards .....	Private houses and fine apartment houses. Includes Central Park and a block on each side .....	2	7	2	..	3	3	9	..	..	5	21	1	10	4	..	22	31	16	262	13	73	50

## Percentage of Deaths from each Cause on Total in each District.

DISTRICT.	SITUATION AND BOUNDARIES OF EACH DISTRICT.	PECULIARITIES OF LOCATION AND SURROUNDINGS.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping-cough.	Diarrheal Diseases.	Rheumatism.	Bronchitis.	Croup.	Emphysema and Asthma.	Phthisis.	Pneumonia.	Bright's Disease and Nephritis.	Under 1 Month.	Total under 5 Years.	65 and Over.
1	Fourteenth to Twenty-third street, west of Ninth avenue, Sixteenth Ward .....	Tenement-houses and dwellings within 1,000 feet of gas works .....	1.14	9.47	.38	....	....	.38	3.79	....	....	4.17	6.06	.76	6.44	....	....	10.61	12.88	5.68	5.30	36.36	13.64
2	Thirty-seventh to Forty-eighth street, west of Tenth avenue, Twentieth and Twenty-second Wards .....	Tenement-houses within 1,000 feet of slaughter-houses, fat rendering works, offal-dock and gas works .....	.66	4.61	1.81	.33	.49	1.32	4.12	....	....	1.81	10.54	.82	5.60	1.32	.33	14.	9.56	5.93	5.27	47.12	5.77
3	Fourteenth to Fifty-ninth street, Third to Seventh avenue, Wards Sixteen, Eighteen, Nineteen, Twenty, Twenty-one and Twenty-two .....	Choice residence part of the city. Ridge of the island. Includes Union and Madison Squares .....	.43	3.36	1.90	.79	.37	.73	2.57	.06	.05	1.10	5.87	.79	2.57	3.	.12	11.62	10.40	8.93	5.08	22.38	19.08
4	Fourteenth to Twenty-sixth street, east of Third avenue, Eighteenth Ward .....	Tenement-houses within 1,000 feet of gas works. Mostly made ground .....	.36	5.26	1.22	.65	.43	1.66	1.73	.07	....	1.80	10.30	1.51	5.19	1.51	.36	15.20	10.45	6.27	6.34	40.42	8.21
5	Thirty-ninth to Forty-ninth street, East of Second avenue, Nineteenth Ward .....	Tenement-houses and middle class dwellings within 1,000 feet of slaughter-houses, etc. One gas works .....	.52	6.01	1.20	.52	1.03	1.37	4.64	.17	....	2.41	12.03	.34	3.61	1.72	.17	12.71	11.17	4.12	7.22	51.20	4.98
6	Ninety-first to One Hundred and Ninth street, east of Third avenue, Twelfth Ward .....	Tenement and apartment houses, made ground. Once called the "Harlem Flats" .....	.50	4.83	1.49	.50	.74	1.12	7.31	.37	....	2.48	13.51	.74	4.59	2.11	....	10.41	11.65	3.84	10.53	53.78	5.82
7	Fifty-ninth to One Hundred and Tenth street, Fourth to Ninth avenue, Twelfth, Nineteenth and Twenty-second Wards .....	Private houses and fine apartment houses. Includes Central Park and a block on each side .....	.76	2.67	.76	....	1.74	1.14	3.43	....	....	1.91	8.02	.38	3.82	1.53	....	8.40	11.83	6.11	4.95	27.86	19.08

## Deaths from Zymotic and Certain Other Preventable Diseases, by Wards, for Quarter ending December 31, 1888.

WARDS.	AREA IN ACRES AND POPULATION BY CENSUS OF 1880.	CHARACTER OF DWELLINGS AND POPULATION. GENERAL SANITARY CONDITION.	Cerebro-spinal Meningitis.	Diphtheria.	Enteric Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlatina.	Small-pox.	Typhus Fever.	Whooping Cough.	Diarrheal Diseases.	Rheumatism.	Tabes Mesenterica.	Bronchitis.	Croup.	Phthisis.	Pneumonia.	Puerperal Diseases.	Alcoholism.	Bright's Disease and Nephritis.	All Other Causes.	In Institutions.	Under One Month.	Total under 5 Years.	65 and Over.
First .....	Area, 154 Pop., 17,939	Banks, office buildings, wholesale stores, shipping region, some tenements for laborers, immigrant hotels, Castle Garden .....	..	2	1	..	1	..	17	..	..	1	4	1	..	9	2	26	15	2	..	8	147	37	7	43	7
Second .....	Area, 81 Pop., 1,668	Stores and warehouses, office buildings, a few tenements .....	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	1	6	1	..	1	3
Third .....	Area, 95 Pop., 3,582	Wholesale stores, banks, a few tenements and hotels .....	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	1	..	1	4	27	14	1	2	3
Fourth .....	Area, 83 Pop., 20,996	Tenements of a poor class, sailors' boarding houses, many Italian laborers .....	3	3	4	1	1	2	2	..	..	8	3	..	2	19	3	33	19	..	1	17	169	33	9	58	15
Fifth .....	Area, 168 Pop., 15,845	Wholesale stores, factories, tenements and small dwellings; two-thirds of it once marshy land .....	1	5	2	..	1	1	6	..	..	3	2	1	..	5	..	19	16	1	1	5	106	15	4	41	4
Sixth .....	Area, 85 Pop., 20,166	Tenements, very poor people, crowded, many Polish Jews and Italian rag-pickers, dirty; one-half once marshy ground .....	..	2	..	2	1	..	2	..	..	4	4	2	..	14	4	26	23	1	1	15	155	37	7	53	11
Seventh .....	Area, 108 Pop., 50,066	Tenements and middle-class dwellings, many poor Jews; crowded in many parts .....	3	12	2	2	1	5	11	..	..	8	6	..	2	31	6	37	61	4	1	24	320	60	23	111	24
Eighth .....	Area, 183 Pop., 35,879	Business property, tenements and small dwellings. Includes French quarter and many colored people; not crowded .....	..	9	4	1	1	1	10	..	..	7	4	1	..	15	8	42	32	3	1	15	249	38	17	99	18
Ninth .....	Area, 322 Pop., 54,596	Tenements, middle-class dwellings; not crowded. St. Vincent's Hospital .....	1	10	6	1	3	4	9	..	..	6	6	..	..	17	1	58	34	7	2	16	316	53	12	89	43
Tenth .....	Area, 110 Pop., 47,554	Large, crowded tenements; Jewish quarter; very poor people, of filthy habits; much over-crowding .....	2	12	1	2	1	2	8	..	..	7	14	1	..	22	6	48	39	4	1	16	297	59	34	136	26
Eleventh .....	Area, 196 Pop., 68,778	Tenements; Germans and Bohemians; crowded; two-thirds made land, wet cellars. St. Francis' Hospital .....	..	18	1	1	1	6	5	..	..	4	7	1	1	23	7	48	47	5	1	24	306	35	22	130	30
Twelfth .....	Area, 5,504.13 Pop., 81,800	Tenements and private houses, much unimproved land, many large institutions; partly suburban .....	4	63	21	5	10	28	86	1	..	31	50	11	2	62	17	172	147	17	9	69	1,338	323	81	521	132
Thirteenth .....	Area, 107 Pop., 37,797	Tenements and factories; Germans; crowded; some made land near the river .....	..	15	3	1	1	4	7	..	..	5	7	1	3	12	8	34	49	5	..	16	259	28	22	134	20
Fourteenth .....	Area, 96 Pop., 30,171	Tenements; many Italian rag-pickers; crowded .....	1	8	4	..	..	2	2	..	..	3	8	2	1	26	8	35	33	4	2	18	235	26	24	114	6
Fifteenth .....	Area, 198 Pop., 31,882	Stores, tenements, private houses, many boarding-houses; not crowded .....	..	1	3	1	1	2	2	..	..	6	4	..	..	8	3	26	19	..	2	16	167	40	8	53	19
Sixteenth .....	Area, 348.77 Pop., 52,188	Stores, tenements and private houses; not crowded. Gas works .....	1	20	3	..	3	3	14	..	..	3	10	4	..	20	5	41	27	1	2	23	299	41	18	99	42
Seventeenth .....	Area, 331 Pop., 104,837	Mostly tenements, some private houses and boarding houses; Germans and Bohemians; crowded .....	..	21	9	6	2	7	14	..	..	10	21	5	2	32	11	103	61	4	1	40	589	70	42	208	51
Eighteenth .....	Area, 449.89 Pop., 66,611	About half tenements and half private houses; one half of tenement part is made land; 2 gas works; includes Union and Madison Squares. New York Hospital .....	1	21	7	2	7	18	14	..	..	8	18	6	..	17	4	62	49	1	3	41	467	72	31	170	49
Nineteenth .....	Area, 1,480.60 Pop., 158,191	About half tenements, fine private houses, borders on Central Park, gas works and slaughter-houses on river, many public institutions. Blackwell's Island .....	9	75	22	6	6	33	77	..	..	18	51	6	1	56	23	199	157	12	5	94	1,465	416	95	579	188
Twentieth .....	Area, 444 Pop., 86,015	One-fifth private houses; remainder tenements; many colored people; offal dock; fat rendering and slaughter-houses .....	1	34	8	1	5	32	21	..	..	12	12	6	..	26	11	98	66	7	3	40	617	69	29	247	67
Twenty-first .....	Area, 411 Pop., 66,536	About one-third tenements; private houses, including many of the best class. Bellevue Hospital .....	3	18	9	..	4	5	8	..	..	9	11	3	1	18	3	66	48	10	3	29	460	141	17	116	60
Twenty-second .....	Area, 1,529.42 Pop., 111,606	Many tenements, apartment houses, private houses; much unimproved land; slaughter-houses and gas-works near the river. Roosevelt Hospital .....	7	37	11	1	11	23	46	..	..	20	23	4	2	44	12	124	106	13	1	46	863	106	75	381	57
Twenty-third .....	Area, 4,267.023 Pop., 28,338	Tenements and private houses; much unimproved land; badly drained and sewerage. Population increasing rapidly for 5 years .....	2	5	6	2	2	2	10	1	..	1	5	..	..	16	4	26	24	5	..	8	207	19	6	71	30
Twenty-fourth .....	Area, 8,050.523 Pop., 13,288	Sparsely populated; mostly isolated dwellings; badly drained and sewerage; suburban .....	..	5	1	..	5	..	..	..	..	1	..	..	1	2	3	13	6	1	1	13	89	17	3	22	14



Deaths by Suicide during the Quarter ending December 31, 1888.

NATIVITY.	Cuts and Stabs.		Gunshot.		Hanging.		Leaps.		Strangulation.		Drowning.		Muratic Acid.		Bi-chromate of Potash.		Arsenic.		Carbolic Acid.		Illuminating Gas.		Opium.		Paris Green.		Oxalic Acid.		Corrosive Sublimate.		Total by Sexes.		Total both Sexes.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Bohemia.....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
England .....	2	..	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	5
Denmark .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
France.....	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	2
Germany .....	1	..	12	..	3	..	1	1	1	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	3	1	1	..	..	..	24	3	27
Italy.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Ireland.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	2	1	3
Poland.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	2
Russia.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Scotland .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
Switzerland .....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
United States .....	2	..	5	..	1	..	..	1	..	..	1	..	1	..	..	..	4	..	3	..	..	3	..	..	..	..	..	..	1	..	14	8	22
Unknown .....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total .....	6	1	23	1	5	..	2	3	1	..	1	..	1	..	1	..	1	7	1	3	1	..	3	..	4	2	2	..	1	..	53	17	70

Scale of Ages of Suicide by Sexes and Nativity.

NATIVE.		FOREIGN.		5-15.		15-25.		25-45.		45-65.		65 AND OVER.		TOTAL.		TOTAL BOTH SEXES.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
14	8	39	9	..	2	5	4	24	9	22	1	2	1	53	17	70

Deaths by Suicide during the Year ending December 31, 1888.

NATIVITY.	Cuts and Stabs.		Gunshots.		Hanging.		Leaps.		Strangulation.		Drowning.		Placing himself in front of R. R. train.		Muritic Acid.		Bi-chromate of Potash.		Arsenic.		Carbolic Acid.		Illuminating Gas.		Opium.		Paris Green.		Oxalic Acid.		Prussic Acid.		Cyanite of Potash.		Corrosive Sublimate.		TOTAL BY SEXES		TOTAL BOTH SEXES.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Austro-Hungary.....	1	..	3	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	6	1	7	
Bohemia.....	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3		
China.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1			
Denmark.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1			
England.....	3	..	4	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	9	1	10		
France.....	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3		
Germany.....	7	..	28	..	16	..	3	1	2	..	3	..	..	..	..	..	..	10	2	1	1	3	..	..	..	6	1	2	..	..	..	1	..	..	82	5	87		
Holland.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1			
Italy.....	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	4			
Ireland.....	1	..	2	..	..	1	2	1	..	..	..	..	..	..	..	..	..	4	3	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	11	7	18		
Norway.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1			
Poland.....	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	1	3			
Russia.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5			
Switzerland.....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2			
South America.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1			
Sweden.....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2			
Scotland.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	2			
United States .....	9	..	24	1	5	2	1	3	1	1	2	..	..	..	1	..	..	2	9	2	4	1	1	8	..	2	..	..	..	3	1	..	..	1	..	62	22	84	
Unknown.....	1	..	6	..	2	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	11	1	12			
Total.....	23	1	77	3	23	4	9	6	3	1	7	..	1	..	1	..	1	..	20	17	3	6	6	1	9	..	11	5	3	..	3	1	1	..	1	..	202	45	247

Scale of Ages of Suicides by Sex and Nativity.

NATIVE.		FOREIGN.		5-15		15-25		25-45		45-65		65 AND OVER.		TOTAL BY SEXES.		TOTAL BOTH SEXES.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
62	22	140	23	1	2	23	12	85	21	81	8	12	2	202	45	247

Interments of Deceased Persons for the Quarter ending December 31, 1888.

LOCATION OF INTERMENTS.	FOURTH QUARTER, 1883.	FOURTH QUARTER, 1884.	FOURTH QUARTER, 1885.	FOURTH QUARTER, 1886.	FOURTH QUARTER, 1887.	AVERAGE FOR FIVE YEARS PRECEDING 1888.	FOURTH QUARTER, 1888.	YEAR 1888.
City Cemetery.....	737	873	671	832	852	793.0	713	3,956
Cemeteries outside of New York City.....	6,147	7,345	6,420	8,290	7,326	7,105.6	7,713	34,352
Cemeteries inside of New York City.....	415	370	382	390	402	391.8	402	1,834
Ward's Island .....	57	25	18	36	23	31.8	31	178
Total interments .....	7,299	8,588	7,473	9,512	8,580	8,290.4	8,858	40,142
Percentage of Pauper Burials to total.....	10.10	10.16	8.98	8.75	9.93	9.57	8.39	9.86



## 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, 1888, the number of notices issued by the Board was 5,801. 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.
- 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..... \$746 35

## OFFICE OF THE ATTORNEY AND COUNSEL.

The number of orders received for prosecution..... 2,646  
 Attorney's notices issued..... 3,210  
 Nuisances abated before suit..... 2,611

Civil actions commenced..... 548  
 Pending at close of third quarter..... 183

Total..... 731

Discontinued from all causes..... 380  
 Judgments obtained..... 77  
 Summons not served, etc..... 65  
 Pending..... 209

Total..... 731

Executions during the quarter..... 57

Number of actions tried in criminal courts..... 228

Moneys collected and paid over to City Chamberlain..... \$40 00  
 Fines recovered in Criminal Courts and paid to City..... 7,079 00

By order of the Board.

EMMONS CLARK, Secretary.

JAMES C. BAYLES, President.

## EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,  
 NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

## 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, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.  
 HUGH J. GRANT, Mayor. THOMAS T. C. CRAIN, Secretary and Chief Clerk.

## Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.  
 DANIEL ENGELHARD, First Marshal.  
 FRANK FOX, Second Marshal.

## COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
 MAURICE F. HOLAHAN, EDWARD P. BARKER.

## AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
 JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

## BOARD OF ARMORY 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.  
 JOHN H. V. ARNOLD, President Board of Aldermen.  
 FRANCIS J. TWOMEY, Clerk Common Council.

## City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.  
 WILLIAM H. RUKODE, City Librarian.

## DEPARTMENT OF PUBLIC WORKS.

## Commissioner's Office.

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

## Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 GEORGE W. BIRDSALL, 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 G. 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. BABCOCK, 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. KEESE, 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. STORRS, 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.  
 No money received after 2 P. M.

## 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.  
 ———, Collector of the City Revenue and Superintendent of Markets.  
 GRAHAM MCADAM, Chief Clerk.  
 No money received after 2 P. M.

## Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.  
 GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.  
 No money received after 2 P. M.

## 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. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.  
 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. BECKMAN, 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.  
 THOMAS S. BRENNAN, President; GEORGE F. BRITTON, Secretary.

Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. 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. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.  
 Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

## FIRE DEPARTMENT.

Office hours for all, except where otherwise noted, from 9 A. M. to 4 P. M. Saturdays, 10 to 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.

JAMES MITCHELL, Fire Marshal.

## Bureau of Inspection of Buildings.

ALBERT F. D'OECH, 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. 361 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. Saturdays, 12 M.  
 J. HAMPDEN ROBB, President; CHARLES DE F. BURNS, Secretary.

## Office of Topographical Engineer.

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.  
 EDWIN A. POST, President; G. KEMBLE, Secretary.  
 Office hours, from 9 A. M. to 4 P. 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; SAMUEL BARRY, Clerk.

## DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street. Office hours, 9 A. M. to 4 P. M.  
 JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, 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. ADEE, Clerk.

## BOARD OF ASSESSORS.

Office City Hall, Room No. 115, 9 A. M. to 4 P. M.  
 EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

## BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.  
 CHARLES H. WOODMAN, President; GEORGE H. GALE, Secretary and Chief Clerk.

## SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.  
 JAMES A. FLACK, Sheriff; THOMAS F. GILROY, Under Sheriff; BERNARD F. MARTIN, Order Arrest 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.  
 EDWARD F. REILLY, County Clerk; P. J. SCULLY, 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. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.  
 THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Bookkeeper.

## CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.  
 MICHAEL J. B. MESSENER, FERDINAND LEVY, DANIEL HANLY, LOUIS W. SCHULTZE, Coroners;  
 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; EDWARD F. REILLY, Clerk; P. J. SCULLY, 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, ———, 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 BOESE, Chief Clerk.

## COURT OF COMMON PLEAS.

Third floor, New County Court-house, 9 A. M. to 4 P. 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.



damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of



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, 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 quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

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

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, February 25, 1889.

THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, February 13, 1889.

THE UNDERSIGNED WILL SELL AT PUBLIC auction, for account of the Commissioners of Public Charities and Correction, at their office, No. 66 Third Avenue, on Tuesday, February 26, 1889, at 11 o'clock A. M., the following, viz.:

1,250 barrels Bones, more or less.

200 barrels Coal Tar.

To be delivered at the foot of East Twenty-sixth street during the year 1889.

Bones to be delivered semi-weekly, and to be paid for as follows:

Twenty-five per cent. of estimated value to be paid on day of sale and the remainder on delivery.

R. E. CLARY,  
Storekeeper.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, February 18, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from No. 422 Eleventh Avenue—Unknown man, aged about 40 years; 5 feet 8 inches high; dark brown hair and moustache; blue eyes. Had on dark blue overcoat, brown mixed vest and pants, brown calico shirt, brown striped shirt, brown knit undershirt, white muslin drawers, brown woolen socks, brogan shoes, black derby hat.

Unknown woman, from No. 387 Water street, aged about 50 years; 5 feet 5 inches high; light brown hair mixed with gray; blue eyes. Clothing destroyed on account of vermin.

Unknown man, from foot of Nineteenth street, East River, aged about 30 years; 5 feet 6 inches high; brown hair; sandy moustache. Had on black coat and vest, plaid pants, check cotton shirt, white knit undershirt and drawers, laced shoes.

Unknown man, from Harlem Hospital (hunchback), aged about 40 years; 5 feet high; brown hair; gray eyes.

At Penitentiary, Blackwell's Island—Emanuel Howard, aged 39 years; 5 feet 8½ inches high; brown hair; blue eyes. Had on when received black coat, pants and vest, white shirt, laced shoes, black derby hat.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON,  
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, February 12, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from One Hundred and Fiftieth street and Harlem river—Unknown man, aged about 35 years; 5 feet 7 inches high; dark hair; gray eyes. Had on dark coat and pants, black diagonal vest, lawn tennis shirt, red flannel undershirt, white muslin drawers, red cotton socks.

Unknown man from Chambers Street Hospital, aged about 55 years; 5 feet 7 inches high; gray hair, moustache and beard; gray eyes.

Unknown woman from One Hundred and Forty-fourth street and Fourth Avenue, aged about 45 years; 5 feet 2 inches high; brown hair; blue eyes. Had on striped calico waist, black alpaca skirt, red flannel undershirt, white chemise, white knitted drawers, black stockings, gaiters.

At Charity Hospital, Blackwell's Island—Albert Ketchum, aged 37 years; 5 feet 6 inches high; dark hair and eyes. Had on when admitted two dark coats, dark vest and pants, two colored shirts, colored drawers, shoes, black derby hat.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON,  
Secretary.

## DEPARTMENT OF DOCKS.

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

### TO CONTRACTORS.

(No. 297.)

#### PROPOSALS FOR ESTIMATES FOR FURNISHING SAWED YELLOW PINE TIMBER.

ESTIMATES FOR FURNISHING SAWED YELLOW pine timber will be received by the Board of Commissioners at the head 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 13, 1889,

at which time and place the estimates will be publicly opened by the head 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 Four Thousand Three Hundred Dollars.

The Engineer's estimate of the quantities is as follows:

	Feet, B. M.
1. Yellow Pine Timber, 12" x 14"	30,646
2. " " " " " "	266,715
3. " " " " " "	4,900
4. " " " " " "	1,575
5. " " " " " "	576
6. " " " " " "	1,360
7. " " " " " "	2,480
8. " " " " " "	180
9. " " " " " "	17,051
10. " " " " " "	572
11. " " " " " "	3,332
12. " " " " " "	221
13. " " " " " "	11,736
14. " " " " " "	3,770
15. " " " " " "	7,310
16. " " " " " "	60,456
17. " " " " " "	240
18. " " " " " "	207,412
Total.....	614,532

The following table gives the required lengths and the number of pieces of each length, in each dimension or size, to be delivered under this contract to cover the above specified number of feet, board measure, in each dimension:

SECTIONS.	12 inches by 14 inches.	12 inches by 12 inches.	10 inches by 12 inches.	10 inches by 10 inches.	8 inches by 12 inches.	8 inches by 15 inches.	8 inches by 12 inches.	8 inches by 10 inches.	8 inches by 8 inches.
LENGTHS.	NUMBER OF PIECES.								
38 feet 3 inches.	13								
37 feet 0 inches.									
36 feet 0 inches.	3								
35 feet 6 inches.									
35 feet 0 inches.	5								
34 feet 6 inches.									
34 feet 0 inches.	92								
33 feet 6 inches.	8								
33 feet 0 inches.									
32 feet 6 inches.	48								
32 feet 0 inches.	61								
31 feet 6 inches.	3								
31 feet 0 inches.	3								
30 feet 6 inches.	165								
30 feet 0 inches.	23								
29 feet 6 inches.	46								
29 feet 0 inches.	6								
28 feet 6 inches.	8								
27 feet 0 inches.									
26 feet 6 inches.	4								
26 feet 0 inches.	23	18							
25 feet 6 inches.									
25 feet 0 inches.	3								
24 feet 6 inches.	36								
24 feet 0 inches.	4								
23 feet 6 inches.	18								
23 feet 0 inches.	23	48	4						
22 feet 6 inches.	2	12	2						
22 feet 0 inches.	23	11							
21 feet 6 inches.									
21 feet 0 inches.	36								13
20 feet 6 inches.	23	13					8		
20 feet 0 inches.		14							
19 feet 6 inches.									
18 feet 6 inches.									4
17 feet 9 inches.									
17 feet 0 inches.		40			1				
16 feet 6 inches.		52	8			9			4
15 feet 0 inches.		21							
14 feet 6 inches.		2							
14 feet 0 inches.		7							21
13 feet 6 inches.		13	14				2		7
12 feet 6 inches.		5							
12 feet 0 inches.	8	12							
11 feet 6 inches.		8							
11 feet 0 inches.									243
10 feet 6 inches.									13
10 feet 0 inches.					8				
9 feet 6 inches.						1			

SECTIONS.	7 inches by 14 inches.	7 inches by 12 inches.	7 inches by 9 inches.	6 inches by 12 inches.	5 inches by 12 inches.	5 inches by 11 inches.	5 inches by 10 inches.	4 inches by 12 inches.	4 inches by 10 inches.
LENGTHS.									
38 feet 3 inches.									
37 feet 0 inches.									
36 feet 0 inches.									
35 feet 6 inches.									
35 feet 0 inches.									
34 feet 6 inches.									
34 feet 0 inches.									
33 feet 6 inches.									
33 feet 0 inches.									
32 feet 6 inches.									
32 feet 0 inches.									
31 feet 6 inches.									
31 feet 0 inches.									
30 feet 6 inches.									
30 feet 0 inches.									
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29 feet 0 inches.									
28 feet 6 inches.									
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12 feet 6 inches.									
12 feet 0 inches.									
11 feet 6 inches.									
11 feet 0 inches.									
10 feet 6 inches.									
10 feet 0 inches.									
9 feet 6 inches.									
9 feet 0 inches.									
8 feet 6 inches.									
8 feet 0 inches.									
Total pieces.	3	14	3	163	24	63	555	2	2,470

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

1. Bidders must satisfy themselves by personal examination of the locations of the proposed deliveries of the material, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

At least 50,000 feet, board measure, of the timber is to be delivered within sixty days, Sundays excepted, from the date of the contract, and at least 200,000 feet, board measure, of the timber is to be delivered in each calendar month after said sixty days have expired, and all the timber to be delivered under this contract is to be delivered on or before the second day of September, 1889, and the damages to be paid by the Contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price per thousand feet, board measure, for the yellow pine timber to be delivered in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the receiving of the material by the Department of Docks.

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

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 be accepted and executed.

Bidders are required to state in their estimates 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 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; 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 required that the verification be made and subscribed to by all the parties interested.

Each 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 making the estimate, they will, upon 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 upon its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the material to be delivered 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 and otherwise; 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. 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 to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

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.

The right to decline all the estimates is reserved, it deemed for the interest of the Corporation of the City of New York.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,  
JAMES MATTHEWS,  
CHARLES A. SILLIMAN,  
Commissioners of the Department of Docks.

Dated New York, February 18, 1889.

## BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THERE will be a special meeting of the Board of Street Opening and Improvement of the City of New York held in the Mayor's Office, on Tuesday, February 26, 1889, at 2 o'clock P. M., at which meeting it is proposed to consider the suggested widening and extension of College place, at which parties interested in the matter will be given an opportunity to be heard.

Dated February 15, 1889.  
WM. V. I. MERCER,  
Secretary.

## NORMAL COLLEGE OF THE CITY OF NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED by the Executive Committee of the Normal College, at the Hall of the Board of Education, No. 146 Grand street, until Friday, March 1, 1889, and until 4 o'clock P. M. on said day, for supplying the Books, Stationery and Supplies for the Normal College, during the year 1889.

A sample of each article must accompany the bid. Blank form of proposal, containing list of articles to be furnished, may be obtained at the Secretary's office, No. 146 Grand street.

Sealed proposals will also be received at the same time and place for the printing required for the Normal College during 1889. Blank form of proposal and samples may also be obtained at the Secretary's office.

The Executive Committee reserve the right to reject any bid if deemed for the public interest.

R. M. GALLAWAY,  
JOHN L. N. HUNT,  
RANDOLPH GUGGENHEIMER,  
HENRY SCHMITT,  
SARAH H. POWELL,  
FERDINAND TRAUD,  
SAMUEL M. PURDY,  
DE WITT J. SELIGMAN,  
THOMAS HUNTER,  
Executive Committee on Normal College.











## SUPREME COURT.

## SECOND JUDICIAL DISTRICT.

## NEW AQUEDUCT—WESTCHESTER COUNTY SECTION.

In the matter of the petition of Hubert O. Thompson, Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the appointment of Commissioners of Appraisal under chapter 490 of the Laws of 1883.

NOTICE IS HEREBY GIVEN TO ALL parties who have not appeared before the Commissioners of Appraisal for the Westchester County Section of the New Aqueduct, which Commissioners were duly appointed hereunder by order dated October 11, 1884, that the following reports of said Commissioners were confirmed by the Supreme Court by its orders duly entered herein in the office of the Clerk of the County of Westchester, at the village of White Plains in said county, as follows:

First—The First Separate Report by order entered as aforesaid on March 1, 1887.

Second—The Report Supplemental to the First Separate Report by order entered as aforesaid on March 8, 1887.

Third—The Second Separate Report by order entered as aforesaid on August 17, 1887.

Fourth—The Third Separate Report by order entered as aforesaid on October 27, 1888.

Dated New York, February 15, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

Attorney for Petitioner,

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 Commonalty of the City of New York, relative to acquiring title to that part of EAST ONE HUNDRED AND FORTY-SECOND STREET (although not yet named by proper authority) extending from Rider avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road 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 28th day of February, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 28th day of February, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 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 Parks, in the City of New York, there to remain until the 28th day of February, 1889.

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 centre line of the blocks between East One Hundred and Forty-second street and East One Hundred and Forty-third street; easterly by the westerly side of St. Ann's avenue; southerly by the centre line of the blocks between East One Hundred and Forty-first street and East One Hundred and Forty-second street, and westerly by the easterly side of Rider avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and 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 of 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 twenty-ninth day of March, 1889, 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, January 18, 1889.

JAMES J. TRAYNOR,

PETER McGINNESS,

MAX MOSES,

Commissioners

CARRO 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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to DEPOT PLACE (although not yet named by proper authority), extending from Sedgwick avenue to the western line of the Spuyten Duyvil and Port Morris Railroad, 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of March, 1889, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Depot place, extending from Sedgwick avenue to the western line of the Spuyten Duyvil and Port Morris Railroad, 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, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Sedgwick avenue, distant 189.07 feet southerly from the intersection of the line between the Twenty-third and Twenty-fourth Wards and the western line of Sedgwick avenue, as the same has been opened from Jerome avenue to the Twenty-third Ward line, in the proceedings confirmed November 28, 1870.

1st. Thence southerly along the western line of Sedgwick avenue for 60.20 feet.

2d. Thence westerly, deflecting  $91^{\circ} 37'$  to the right, for 367.10 feet to the western line of the Spuyten Duyvil and Port Morris Railroad.

3d. Thence northerly, deflecting  $88^{\circ} 38' 02''$  to the right, along the western line of the Spuyten Duyvil and Port Morris Railroad for 60.02 feet.

4th. Thence easterly for 367.63 feet to the point of beginning.

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 State of the State of New York, and in the Department of Public Parks.

Dated New York, February 9, 1889.

HENRY R. BEEKMAN,

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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTIETH STREET (although not yet named by proper authority) extending from Railroad avenue east to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Avenue B, from Eighty-sixth street to the marginal street, Harlem river, in the Twelfth Ward of the City of New York.

Dated, New York, February 9, 1889.

HENRY R. BEEKMAN,

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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FORTY-FOURTH STREET (although not yet named by proper authority), extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of March, 1889, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Forty-fourth street, extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Gerard avenue, distant 718.22 feet southerly from the intersection of the western line of Gerard avenue with the southern line of East One Hundred and Forty-ninth street.

1st. Thence southerly along the western line of Gerard avenue for 60.06 feet.

2d. Thence westerly, deflecting  $92^{\circ} 36' 19''$  to the right, for 275.28 feet.

3d. Thence northerly, deflecting  $87^{\circ} 23' 41''$  to the right, for 60.06 feet.

4th. Thence easterly for 275.28 feet to the point of beginning.

Beginning at a point in the eastern line of Gerard avenue, distant 718.47 feet southerly from the intersection of the eastern line of Gerard avenue with the southern line of East One Hundred and Forty-ninth street.

1st. Thence southerly along the easterly line of Gerard avenue for 60.06 feet.

2d. Thence easterly, deflecting  $87^{\circ} 23' 41''$  to the right, for 174.40 feet to the western line of Railroad avenue East.

3d. Thence northerly along the western line of Railroad avenue East for 60.75 feet.

4th. Thence westerly for 929.65 feet to the point of beginning.

Beginning at a point in the eastern line of Railroad avenue East, distant 738.92 feet southerly from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Railroad avenue East.

1st. Thence southerly along the eastern line of Railroad avenue East for 60.75 feet.

2d. Thence easterly, deflecting  $99^{\circ} 1' 15''$  to the left, for 715.10 feet to the western line of Morris avenue.

3d. Thence northerly along the western line of Morris avenue for 60.87 feet.

4th. Thence westerly for 715.78 feet to the point of beginning.

Beginning at a point in the eastern line of Morris avenue, distant 732.59 feet from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Morris avenue.

1st. Thence southerly along the eastern line of Morris avenue for 60.87 feet.

2d. Thence easterly, deflecting  $99^{\circ} 38' 49''$  to the left, for 145.40 feet.

3d. Thence southeasterly, deflecting  $36^{\circ} 50' 17''$  to the right, for 608.96 feet to the western line of Third avenue.

4th. Thence northeasterly along the western line of Third avenue for 60 feet.

5th. Thence northwesterly, deflecting  $90^{\circ}$  to the left, for 628.94 feet.

6th. Thence westerly for 155.19 feet to the point of beginning.

Beginning at a point in the western line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.

2d. Thence westerly, deflecting  $90^{\circ}$  to the right, for 438.50 feet.

3d. Thence westerly, deflecting  $5^{\circ} 25' 30''$  to the right, for 1,129.74 feet to the eastern line of Third avenue.

4th. Thence northeasterly along the eastern line of Third avenue for 67.8 feet.

5th. Thence easterly, deflecting  $63^{\circ} 14' 03''$  to the right, for 1,096.65 feet.

6th. Thence easterly for 435.65 feet to the point of beginning.

Beginning at a point in the eastern line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.

2d. Thence westerly, deflecting  $90^{\circ}$  to the right, for 438.50 feet.

3d. Thence westerly, deflecting  $5^{\circ} 25' 30''$  to the right, for 1,129.74 feet to the eastern line of Third avenue.

4th. Thence northeasterly along the eastern line of Third avenue for 67.8 feet.

5th. Thence easterly, deflecting  $63^{\circ} 14' 03''$  to the right, for 1,096.65 feet.

6th. Thence easterly for 435.65 feet to the point of beginning.

Beginning at a point in the western line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.

2d. Thence westerly, deflecting  $90^{\circ}$  to the right, for 438.50 feet.

3d. Thence westerly, deflecting  $5^{\circ} 25' 30''$  to the right, for 1,129.74 feet to the eastern line of Third avenue.

4th. Thence northeasterly along the eastern line of Third avenue for 67.8 feet.

5th. Thence easterly, deflecting  $63^{\circ} 14' 03''$  to the right, for 1,096.65 feet.

6th. Thence easterly for 435.65 feet to the point of beginning.

Beginning at a point in the eastern line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.

2d. Thence westerly, deflecting  $90^{\circ}$  to the right, for 438.50 feet.

3d. Thence westerly, deflecting  $5^{\circ} 25' 30''$  to the right, for 1,129.74 feet to the eastern line of Third avenue.

4th. Thence northeasterly along the eastern line of Third avenue for 67.8 feet.

5th. Thence easterly, deflecting  $63^{\circ} 14' 03''$  to the right, for 1,096.65 feet.

6th. Thence easterly for 435.65 feet to the point of beginning.

## PARCEL F.

Beginning at a point in the eastern line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the eastern line of Brook avenue.

1st. Thence southerly along the eastern line of Brook avenue for 60 feet.

2d. Thence easterly, deflecting  $90^{\circ}$  to the left, for 524.37 feet to the western line of St. Ann's avenue.

3d. Thence northerly along the western line of St. Ann's avenue for 60 feet.

4th. Thence westerly for 524.37 feet to the point of beginning.

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 State of the State of New York, and in the Department of Public Parks.

Dated, New York, February 9, 1889.

HENRY R. BEEKMAN,

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 Commonalty of the City of New York, relative to the opening of AVENUE B, from Eighty-sixth street to the marginal street, Harlem river, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Avenue B, from Eighty-sixth street to the marginal street, bulkhead line, Harlem river, in the Twelfth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the northerly line of Eighty-sixth street, distant 646 feet easterly from the easterly line of Avenue A; thence northerly and parallel with said avenue, distance 1,011 feet  $4\frac{1}{4}$  inches to the bulkhead line, Harlem river; thence southeasterly along said line 130 feet 11 inches; thence southerly and parallel with Avenue A, and distant 746 feet easterly therefrom, distance 926 feet  $10\frac{1}{2}$  inches to the northerly line of Eighty-sixth street; thence westerly along said line 100 feet, to the point or place of beginning.

Said avenue to be 100 feet wide between the northerly line of Eighty-sixth street and the bulkhead line, Harlem river.

Dated New York, January 31, 1889.

HENRY R. BEEKMAN,

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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-FIFTH STREET (although not yet named by proper authority), extending from Carter avenue to the Southern Boulevard, in the Twenty-fourth 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Seventy-fifth street, extending from Carter avenue to the Southern Boulevard, in the Twenty-fourth 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, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Webster avenue, distant 1,321.51 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence westerly, deflecting  $87^{\circ} 10' 03''$  to the right for 110.78 feet.

3d. Thence northerly, deflecting  $92^{\circ} 51' 29''$  to the right for 50.06 feet.

4th. Thence easterly for 110.76 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57''$  to the left for 337.45 feet.

3d. Thence northerly, deflecting  $87^{\circ} 06' 09''$  to the left for 50.06 feet.

4th. Thence westerly for 337.51 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57''$  to the left for 337.45 feet.

3d. Thence northerly, deflecting  $87^{\circ} 06' 09''$  to the left for 50.06 feet.

4th. Thence westerly for 337.51 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57''$  to the left for 337.45 feet.

3d. Thence northerly, deflecting  $87^{\circ} 06' 09''$  to the left for 50.06 feet.

4th. Thence westerly for 337.51 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57''$  to the left for 337.45 feet.

3d. Thence northerly, deflecting  $87^{\circ} 06' 09''$  to the left for 50.06 feet.

4th. Thence westerly for 337.51 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57''$  to the left for 337.45 feet.

3d. Thence northerly, deflecting  $87^{\circ} 06' 09''$  to the left for 50.06 feet.

4th. Thence westerly for 337.51 feet to the point of beginning.

Beginning at a point in the eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly, deflecting  $92^{\circ} 49' 57$



Court-house, in the City of New York, on Thursday, the 28th day of February, 1889, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as One Hundred and Thirty-second street, from the Twelfth avenue to the bulkhead-line, Hudson river, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz:

Beginning at a point in the westerly line of Twelfth avenue, distant 199 feet 10 inches northerly from the northerly line of One Hundred and Thirty-first street; thence westerly and parallel with said street 313 feet 3 1/2 inches to the bulkhead-line, Hudson river; thence northerly along said line 60 feet 2 1/2 inches; thence easterly 308 feet 2 1/2 inches to the westerly line of Twelfth avenue; thence southerly along said line 60 feet to the point or place of beginning.

Said street to be 60 feet wide between the line of Twelfth avenue and bulkhead-line, Hudson river.

Dated New York, January 28, 1889.

HENRY R. BEEKMAN,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of MELROSE AVENUE (although not yet named by proper authority) extending from Third avenue to 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Mayor, Aldermen and Commonalty of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, in the First Judicial District of the State of New York, at a Special Term thereof, to be held at the Chambers of said Court, in the County Court-house, in the City of New York, on the 28th day of February, 1889, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding in the place and stead of Edward L. Parris, resigned.

Dated New York, January 28, 1889.

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

## HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,  
No. 301 MOTT STREET,  
NEW YORK, August 2, 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, August 2, 1888, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional section to the Sanitary Code for the security of life and health, be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Section 219. In every public hospital and dispensary in the City of New York there shall be provided and maintained a suitable room or rooms and place for the temporary isolation of persons infected with contagious disease, who shall immediately be separated from the other persons and other patients at such dispensary or hospital. It shall be the duty of the physician or physicians, of the officers, managers and of every one in charge of a hospital or dispensary, and of every one who has any duty or office in respect to patients in the course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to the Health Department of the City of New York of every person infected with a contagious disease who comes to their knowledge, and that such person or persons so infected are properly isolated and kept separate from other persons and other patients.

[L. S.] JAMES C. BAYLES,  
President.  
EMMONS CLARK,  
Secretary.

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, the following resolution was adopted:

Resolved, That section 18 of the Sanitary Code be and is hereby amended so as to read as follows:

SEC. 18. 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 such parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in all respects in 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 premises to be kept. Nor shall any such person rent, let, 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 its 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 impregnated or penetrated by any offensive 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 and 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.

[L. S.] JAMES C. BAYLES,  
President.  
EMMONS CLARK,  
Secretary.

## DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
ROOM 6, No. 31 CHAMBERS ST.,  
NEW YORK, February 23, 1889.

### 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 M., Thursday, March 7, 1889, at which place and hour they will be publicly opened by the head of the Department.

## No. 1. FOR FURNISHING MATERIALS AND PERFORMING THE WORK FOR THE PLUMBING AND DRAINAGE OF THE BUILDING NO. 49 BEEKMAN STREET.

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 and 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 profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 15, No. 31 Chambers street.

D. LOWBER SMITH,  
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, as follows:

"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 apportioned to 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 included in the regular rents, and shall 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 above 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 16 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 22 1/2 feet....	7 00	8 00	9 00	10 00	11 00
22 1/2 to 25 feet....	8 00	9 00	10 00	11 00	12 00
25 to 30 feet....	10 00	11 00	12 00	13 00	14 00
30 to 37 1/2 feet....	12 00	13 00	14 00	15 00	16 00
37 1/2 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-houses are on the basis that but 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:

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

BARRER 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 the same 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 yards.

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 CART.—For each horse, one dollar per annum.

HORSE TROUGHS.—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.

STEAM 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 in any manner 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, when 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 communicates with the pipe to the water-closet, so that overflow will run 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, which are so constructed that not 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 must not connect with the 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 352, Laws of 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
60	05	9 00
70	05	10 50
80	05	12 00
90	05	13 50
100	05	15 00
150	05	22 50
200	05	30 00
250	04 1/2	37 50
300	04	45 00
350	03 1/2	52 50
400	03 1/2	60 00
500	03 1/2	75 00
600	03 1/2	90 00
700	03 1/2	105 00
800	03 1/2	120 00
900	03 1/2	135 00
1,000	03 1/2	150 00
1,500	03	180 00
2,000	02 1/2	225 00
2,500	02 1/2	270 00
3,000	02 1/2	315 00
4,000	02 1/2	360 00
5,000	02 1/2	405 00
6,000	02 1/2	450 00
7,000	02	495 00
8,000	02	540 00
9,000	02	585 00
10,000	02	630 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, TROUGHS, 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-saloons, 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 21, 1887.

## PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 352 of the New York City Consolidation Act of 1882, passed June 9, 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 as 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 wasteful use 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.

## GRANTS OF LANDS UNDER WATER.

### THE OWNERS OF LANDS IN THE CITY OF

New York, which were formerly under water, and which were granted by the City of New York, are notified that nearly all of the grants of such lands contain covenants, on the part of the grantees, and their successors and assigns, to maintain and keep in repair the adjacent streets. The condition of many of these streets is such as to make it necessary that they should be repaired and repaved, and that the obligation resting upon the present owners of adjacent lots to do this work should now be enforced. Many of such owners have requested that such covenants be commuted, and wholly released, upon the payment by them of a certain sum per lot.

The matter will shortly be presented to the Commissioners of the Sinking Fund for their consideration, and the adjustment of the basis of commutation, and application for releases should therefore be made at once.

They may be sent to the undersigned.

Dated NEW YORK CITY, August 7, 1888.

JOHN NEWTON,  
Commissioner of Public Works.

## THE CITY RECORD.

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THOMAS COSTIGAN,  
Supervisor.