# THE CITY RECOR

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#### FIRE DEPARTMENT.

Report for the Quarter and Year ending December 31, 1885.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK, NOS. 155 AND 157 MERCER STREET, OFFICE BOARD OF COMMISSIONERS, NEW YORK, January 11, 1886.

To the Hon. WILLIAM R. GRACE, Mayor of New York;

Six-We have the honor to submit herewith the report of the operations and actions of this Department for the quarter ending December 31, 1885, with resume for the year ending on the

same date:

On May 9, the term of office of Commissioner Coincilius Van Cott having expired, Commissioner Henry D. Purroy was appointed Fire Commissioner in his place for the term of six years, from May 1, 1885, and Mr. Elward Smith was appointed Fire Commissioner in place of Commissioner Purroy (who had resigned) for the term ending May 1, 1887.

The Board was then organized by the election of Commissioner Purroy as President and Commissioner Croker as Treasurer, and the appointment of the following committees:

Commissioner Croker, as Chairman of the Committee on Apparatus and Telegraph, to have cognizance of all matters that may be referred to it relating to the Bureaus of the Chief of Department and Inspector of Combustibles, the Fire Alarm Telegraph, Repair Shops, and the Hospital and Training Stables.

Commissioner Smith, as Chairman of the Committee on Buildings and Supplies, to have cognizance of all matters that may be referred to it relating to the Bureaus of Inspection of Buildings and Fire Marshal, the Attorney and the Superintendent of Repairs to Buildings.

The President is ex-officio member of both committees.

Number of each Grade of Officers and Employees on December 31, 1885			
Headquarters—			
Commissioners		3	
Secretary and Assistant Secretary		2	
Medical Officers		3	
Bookkeeper and Clerks		9	
Type-writer		1	
Janitor		1	
Watchman		1	20
*Bureau of Chief of Department—Ununiformed Force—			20
Chief of Department	1		
Chief of Department  Assistant Chief of Department and Second Assistant Chief of Department	2		
Chiefs of Battalion	12		
Foremen	79 85		
Assistant Foremen,	85		
Engineers of Steamer	58		
Assistant Engineers of Steamer	58		
Firemen	11		
First Grade 365			
Firemen   Second Grade			
( Third Grade 131	636		
Private, Third Grade	I		
rivate, rand Grade		943	
Pilots on Fire Steamers (Engines 43 and 51), Ununiformed		213	
Stokers on Fire Steamers (Engines 43 and 51), Ununiformed	6		
Engineers on Fire Steamers (Engines 43 and 51), Ununiformed	4		
		14	
		_	957
Bureau of Inspector of Combustibles—			
Inspector of Combustibles		1	
Clerks		2	
Surveyors		3	
Oil Collectors		3	g
Bureau of Fire Marshal—			7
Fire Marshal		1	
Assistant Fire Marshal.		ī	
Clerks		4	
Olding	-		6
Bureau of Inspection of Buildings—			
Superintendent of Buildings (formerly Inspector of Buildings)		1	
Clerks.		22	
Clerks. Inspectors (formerly Examiners).		33	
Messengers.		4	
Machinists detailed as Supervisors of Elevators		2	
		_	62
Attorney to the Department			•
Fire Alarm Telegraph—			
Superintendent of Telegraph		1	
Chief Operator		1	
Operators		3	
Assistant Operators		4	
Clerks		2	
Batteryman and Assistant Batteryman		2	
Foreman		1	
Linemen		2	
		_	I

\*Includes two Foremen, one Assistant Foreman, one Engineer of Steamer, eleven Firemen and one Private leved from service at fires, under section 14, chapter 742, Laws of 1871, as amended by chapter 119, Laws of 1879, dre-enacted by section 119, chapter 110, Laws of 1882.

	-	_
Repair Shops —		
Superintendent of Repairs to Buildings	1	
Foreman	T	
Storekeeper	1	
Clerks	2	
Messengers	2	
Shop Engineer.	1	
Chief Machinist.	1	
Machinists	14	
Machinists' Helpers	5	
Boiler Maker	1	
Collar Maker	I	
Blacksmiths	4	
Blacksmiths' Helpers	1	
Wheelwrights	6	
Harness Makers.	2	
Hose Repairers	2	
Painters	6	
Watchmen	3	
Drivers	4	
Janitor	ī	
		6:
Hospital Stables—		2
Foreman,	1	
Stablemen	5	
	3	(
	-	
Aggregate	1,	130
		3.

Number of Changes by Resignation, Discharge, Death, Promotion, Appointment, etc., in each Grade during the Year.

				L	oss I	By				GAIN	Bv	
GRADE.	Expiration of Term.	Resignation.	Discharge.	Dismissal.	Retirement.	Promotion.	Death.	Total.	Appointment.	Promotion.	Employed.	Total
Commissioners	1	1	32					2	2			2
Assistant Secretary		1						1		1		1
Clerks	.,	6	3			ı		10	3			3
Type-writer					**	**			1			
Messenger		1						1				
Watchmen			1				1	2	**		**	
Chief of Battalion					**		*:	1		**		
Foremen	16			1			2	3		6		6
Assistant Foremen					1	6	,,	7		11		11
Engineers of Steamer	**	44	**		1	2	**	3		3		3
Assistant Engineers of Steamer						5		5		12		12
Firemen, First Grade				1	4	6	7	18		1383		383
" Second Grade		2		4		7	3	16		tr56		156
" Third Grade		3		1		6	2	12		1143		143
Firemen						†273		273				
Privates, First Grade						157		57				
" Second Grade						187		87				
" Third Grade						1225		225				
Ununiformed Firemen						40		40	40			40
Marine Engineer		1									1	1
Stokers				2				2			2	2
Assistant Fire Marshal												1
Inspectors of Buildings		1						2	1			,
Superintendent of Buildings									1			1
Inspectors (formerly Examiners)		2	10	4			1	17	9			
Shop Engineer	100		1					1	1			9
Machinists			II			- SI		12	4		,.	1
Machinists' Helper	1					1		1				2
Blacksmiths	1		2					2	2			
Blacksmiths' Helpers			1		1	112		3	1	-	1000	1
Boiler Maker					**	112		3	1	**		1
Harness Maker												1
Painters			2		1.			2	2			
Janitor									1			,
Janitor Drivers				**	1.	**			12	**		1
D	-			<u> </u>		-				-	_	_
Totals	2	18	32	13	6	719	17	807	72	716	3	791

Net aggregate loss, 16.

§Appointed Fireman, Third Grade.

|One appointed Driver; one appointed Fireman,
Third Grade.

¶One appointed from Blacksmiths Helper.

Alterations, Amendments and Additions to the Rules and Regulations.

(General Orders No. 1.)

Heads of Bureaus, Superintendents and others hereinafter enumerated, will hereafter furnish to this office, on or before the fifth day of April, July, October and January, reports of operations for the preceding three months, containing the following information:

#### CHIEF OF DEPARTMENT.

The number and character of alarms, manner of receipt and cause.

Statistics of fires by months, showing the number in buildings and elsewhere, confined to point of starting, confined to the building, extended to other structures, vessels, etc., the number of

structures, etc., to which they extended; how discovered and extinguished; whether the damage was slight or considerable, or resulted in total destruction; the number occurring on each day of the week and during each hour of the day; the amount of water used in the extinguishment of fires, and how much thereof was taken from the rivers; the casualties to members of the uniformed force and to citizens; changes in, and organization of the uniformed force into companies and battalions, showing the complement of officers and men, apparatus and horses, the number of alarms responded to and number of fires duty was performed at by each company; a detailed description of all fires considered notable, by reason either of the loss exceeding \$50,000, or of other special or peculiar circumstances; a classified description of the apparatus of the Department to accompany the report for the last quarter of the year.

INSPECTOR OF COMBUSTIBLES.

#### INSPECTOR OF COMBUSTIBLES.

The number of complaints of violation of laws regulating storage, transportation, etc., of combustible and explosive materials, etc., chimney fires, open hoistways, obstructed fire-hydrants, want of private fire-extinguishing appliances, defective heating apparatus, etc., under sections 446, 452, 453, 454, 455, 456, 457, 458, 450, 460, 461, 462, 463, 464, 465 and 467 of chapter 410 (Consolidation Act of 1882) received and their disposition; the number of surveys made of storage warehouses, places of amusement, etc.; the number of samples of kerosene oil collected and tested; the amount of money received for licenses and permits issued, penalties collected, and sale of explosives, etc., seized.

#### FIRE MARSHAL.

Statistics of fires by months, showing the total number, the number resulting in damage to structures only, and in nominal damage or an aggregate loss of less than ten dollars; a detailed description of the cause and origin of all fires considered notable by reason either of the loss exceeding \$50,000, or of special or peculiar circumstances attending the same; the estimated loss, insurance, uninsured loss each separately on structures and contents, the aggregate for each, and the extent of loss; the origin and cause of fires by quarters itemized under the general heads of heating, illuminating, manufacturing and other business, and miscellaneous, including the use to which structures were put in which the fires occurred, amount of loss under each item and heading, and with a recapitulation; the origin consolidated (under the four general heads), and cause of fires by months, with loss and recapitulation; the consolidated origin of fires by months for each of the districts into which the city has been divided for that purpose, classified under dwellings and business buildings, and other places, with loss under buildings and contents separately and a recapitulation; the indictments and convictions for arson, etc.

#### INSPECTOR OF BUILDINGS.

Statements showing the number of new buildings for which plans and specifications were filed and acted upon, classified and with estimated cost, and the same for alterations to buildings; the number and character of complaints received and investigated; the number of violations of law under the heads of defective construction, materials, etc., building or altering without permit, etc., insufficient means of escape, want of fire-escapes, obstructed aisles, etc., and unsafe buildings; the number of meetings of the board of examiners and the business transacted by it.

#### ATTORNEY TO THE DEPARTMENT.

Statements showing the number of cases of violations of law relating respectively to combustibles, explosives, etc., and to buildings, fire-escapes, etc., received and disposed of, properly classified; miscellaneous business transacted; action upon claims for damages to Department property; penalties collected and disposition of same, and record of action upon suits, etc., against\_the Department.

#### SUPERINTENDENT OF TELEGRAPH.

Statements of the number of alarms, signals and messages, etc., received, by months; and, with the report for the last quarter, the number and kind of circuits, miles of wire, number of poles, street alarm-boxes, and special building boxes.

Statements of the number of cases of injury and disease in the uniformed force, with the number of days lost on account of each; number of candidates for appointment examined, and found qualified or disqualified; and, to accompany the report for the last quarter, the names of officers and men of the uniformed force retired and relieved from service at fires, or who may have died, with cause in each case, during the entire year.

#### INSTRUCTOR OF SCHOOL OF INSTRUCTION.

A statement, at the close of the last quarter, of the number of candidates for appointment and of members of the uniformed force instructed and examined, showing the number found qualified and disqualified in the several classes during the year.

#### CAPTAIN IN CHARGE OF THE REPAIR SHOPS.

Statements of new apparatus and hose received under contracts, etc., apparatus, etc., manufactured and rebuilt and number of extensive and ordinary repairs to each kind of apparatus, etc.

#### CAPTAIN IN CHARGE OF THE HOSPITAL AND TRAINING STABLES.

Statement showing the number of horses on hand at the end of the preceding quarter, the number purchased, sold, died (of injuries and illness separately), and the remainder on hand; the number received, and accepted or rejected, on probation.

#### SUPERINTENDENT OF REPAIRS TO BUILDINGS.

Statement of alterations and repairs to the buildings in use for Department purposes.

#### BOOKKEEPER.

Statements of the receipts and expenditures of the Relief and Life Insurance Funds, and with the report for the fourth quarter a statement for the entire year of the appropriations and expenditures, of amount of bills and pay-rolls audited and tamount realized from sales of condemned horses, materials, etc., and of the disposition of such amounts.

#### PROPERTY RECORD CLERK.

Statement, at the close of the last quarter, of apparatus and hose on hand and of fire alarm-box

keys issued.

All the reports are to be made to conform to the tables, etc., as printed in the reports of the Department, and such additional information as may be of interest will also be furnished.

JUNE 24, 1885.

(General Orders No. 2.)

Paragraph VII., Article IX., of General Orders No. 31, O. B. C., series of 1881, is hereby countermanded and following is substituted therefor:

VII.—Condemned horses and other personal property thus sold shall be accounted for in the fourth entry of the property returns of the Foreman in charge of the Stables and Property Record Clerk, respectively, the voucher therefor being a certificate from the Treasurer of the Board that the same have been sold.

JULY 8, 1885.

(General Orders No. 3.)
I.—Section 43, paragraph I., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

#### BELT.

43. For service on ladders at fires. To be as per pattern in the office of the Chief of Department.

II.—Section 44, paragraph I., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded.

III.—Section 45, paragraph I., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

#### HYDRANT WRENCH AND HOSE SPANNER.

45. For all except officers. Of five-eighths inch wrought iron, the wrench to fit the ordinary hydrant cap-nut, and the spanner the standard hose coupling.

IV.—Section 5, paragraph II., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

5. All officers and members will be held responsible for the safe keeping, proper use, and return of the articles above enumerated, and they are liable to the following penalties for the loss of either of them, which loss will be promptly reported to the Board by the commanding officer:

For the loss of a cap badge. Five dollars.

a coat badge Five dollars.

a belt. One day's pay.

that numbers Twenty-five cents.

V.—Section 6, paragraph III., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

nanaeu, and the tollowing is substituted therefor:

6. At Fires. The fire cap, and overcoat or water-proof clothing must invariably be worn, unless circumstances should make it impracticable to do so; no other portion of the uniform will be insisted on. The water-proof clothing is considered essential to the preservation of health and to the free and unimpeded motion of the firemen, especially during the cold season. Belts of the pattern prescribed in section 43, paragraph I., General Orders No. 20, O. B. C., series of 1881 (as above amended), to be furnished to the several companies upon requisition, will always be carried upon the apparatus, and company commanders will see to it that their subordinates wear them at all times when performing service on ladders.

TULY 16, 1885.

(General Orders No. 4.)

Paragraph IV., General Orders No. 15, O. B. C., series of 1884, is hereby countermanded, to take effect from the 3d instant.

NOVEMBER 4. 1885.

(General Orders No. 5.)

I.—The portions of paragraph XL., General Orders No. 26, O. B. C., series of 1881, relating to "Water Towers," "Insurance Patrols" and "Chief of Department and Assistants," are hereby countermanded, and the following substituted therefor:

Vater Towe	r No.	1	strokes	and	3-	1
**	44	2	46	44	3-	2
44	**	3 16	**	**	3-	3

#### Insurance Patrol.

One-half of	Patrol No.	II	strokes	and	5-	1
The whole	+6	1	**		5-	2
One-half	44	2			5-	3
The whole	44-	2Is		66	5-	4
One-half		3		**	5-	5
The whole	4.6	3		46	5-	6
One-half		4		44	5-	7
The whole		4		61	5-	8
The pumping				**	5-1	10
The entire fo	rce		**	44	5-	12

#### Chief of Department and Assistants

		Departme											. ,			 				 4	 		 	 	. 1	7 5	trokes	an	d	5-	1
Assis	tant	Chief of I	ep	ar	tn	ne	n	t.		 		٠.				 			 			 	 	 	.17	7	56	66		5-	2
2d		**	•																						. 17		66		1	5-	3
Chief	Ist	Battalion								 										 			 		. 17	7	44			7-	I
	2d	44																		 			 		. 17	7	44	64		7-	2
66	3d	64.																		 			 		. 17	7	44	66		7-	3
4.6	4th	1 66				9								. :						 			 		.17	7	66	44		7-	4
66	5th	1 11			9	8						. 6					 	Ŋ							. 17	7	44			7-	5
66	6tl					8	89				4						9.								.17	7	66			1-	6
**	7th																								.17		16			7-	7
44	Stl	1 44			Œ.	0	m																		. 17	7	56	66		1-	8
54	oth	46				ø	80	Û	O.		Ď				8										.17	7	46	. 66		7-	0
44	roth																								. 17		44			7-1	0
44	III																								17		44			7-1	
4.6	121																								. 17		**	**		-1-	

II.—Paragraphs XLIX. and L. of General Orders No. 26, O. B. C., series of 1881, are hereby countermanded, and the following substituted therefor:

XLIX.—When an increase of water is needed at a fire south of Eighty-sixth street, the commanding officer will cause the following signal to be sent: 7-7-7, followed, after an interval of four spaces, by the number of the station; when the mcreased pressure is no longer required, the signal 7-7-7-7, followed in like manner by the number of the station, will be sent.

L.—The gate-house in Central Park, and the work-shops of the Department of Public Works, located respectively at No. 5½ City Hall, No. 134 West Thirtieth street, and No. 245 East Eighty-third street, are connected with special circuit from Central Office, and gongs are located thereon upon which one round of all signals for increase or decrease of water pressure will be transmitted. Operators will also transmit the signal for increased pressure on receipt of third alarm signal from any station south of Eighty-sixth street. The gate-house is also connected with the Central Office by telephone, and upon the receipt of such signal, the person in charge of the gate-house will repeat the number of the station on the telephone key, to which the operator will respond with 2-3, if correct, or, if not, he will transmit the entire signal once upon the telephone key. If no response is received from the gate-house, he will notify the company in quarters nearest to the gate-house to send a special messenger with the signal.

A test stagnal (11 strokes) will be sent daily over the special circuit at 8 o'clock A. M., and if not received at that time, report will be made to the Central Office by telephone, or through the quarters of the nearest company.

III.—The substitute for Paragraph LI. of General Orders No. 26, O. B. C., series of 1881,

III.—The substitute for Paragraph LI. of General Orders No. 26, O. B. C., series of 1881, provided by General Orders No. 3, O. B. C., series of 1884, is hereby countermanded and the following is substituted therefor:

lowing is substituted therefor:

L1.—The Automatic Signal Telegraph Company has authority to send to the Central Office of this Department three rounds of alarms for fires received under its system, which alarms are designated and will be known as class 4, and be received and transmitted as follows:

First, the number of the class (4), followed, after an interval of four spaces, by the number of the station, with an interval of two spaces between the figures, thus: 4---1-2-9

The operator will transmit two rounds of the signal upon the combination circuits, followed by two rounds upon the gong circuit. Should a signal be received from a street box simultaneously with one of this class (4), the street box signal must be transmitted first. When a signal of this class is received, if the company or companies assigned should be out of quarters, a special call will be sent for the company in quarters nearest to the station indicated, unless it is apparent that both signals are for the same fire, in which case the sending of the automatic signal may be dispensed with.

Companies will respond to alarms of this class as assigned by the Chief of Department in the book of stations, furnished through his office by the Automatic Signal Telegraph Company and dated October, 1885, All assignment books of this company previously issued will be returned to the office of the Chief of Department on the 27th instant.

IV.—Paragraph LIV. of General Orders No. 26, O. B. C., series of 1881, is hereby counter-

IV.—Paragraph LIV. of General Orders No. 26, O. B. C., series of 1881, is hereby countermanded and the following is substituted therefor:

manded and the following is substituted therefor:

LIV.—The system of communicating alarms for fire from buildings direct to the Central Office of the Department, heretofore known as the Special Building Signals, is designated and will be known as class 3, and such alarms for fire will be received and transmitted, as follows:

First, the number of the class (3), followed, after an interval of four spaces, by the number of the station, with an interval of two spaces between the figures, thus: 3—————4—5.

The operator will transmit two rounds of the signal upon the combination circuit, followed by two rounds upon the gong circuits. Should a signal be received from a street box simultaneously with one of this class (3), the street box signal must be transmitted first. When a signal of this class is received, if the company or companies assigned should be out of quarters, a special call will be sent for the engine and hook and ladder company in quarters nearest to the station indicated.

Chief officers and companies will respond to alarms of this class, as assigned by the Chief of Department, in the subjoined list of stations.

The connection of all the public school buildings with the Special Building System (class 3), has been authorized, and calls for either ambulance or Police may also be transmitted therefrom.

The signals for fire and ambulance will be received and sent out in the manner prescribed, The Police call, as received, will consist of two rounds of the signal 5, followed by the class signal (3) and the number of the station, one round of which will be transmitted to the Police Department.

V.—Paragraph LVII. of General Orders No. 26, O. B. C., series of 1881, is hereby amended, as follows:

Street alarm-box numbers 2, 3 and 4 are abolished.

The alarm-box at Whitehall and State streets (now No. 2), is numbered 18.

The alarm-box at Broad and Water streets (now No. 3), is numbered 19.

The alarm-box at Broad and South streets (now No. 4), is numbered 34.

Company commanders will have the necessary changes in the numbers of the keys made on receipt of this order.

VI.—The provisions of this order will go into effect at 8 o'clock A. M. on the 25th instant.

(General Orders No. 6.)

NOVEMBER 25, 1885.

I.—Section 26, Paragraph I., General Orders No. 29, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

26.— For all Officers. Of white linen or muslin, with standing collar. A dark gray flannel shirt may, however, be worn at the option of each officer during the following periods: From 6 P. M. to 8 A. M., between September 30 and April 1, and from 8 P. M. to 8 A. M., between March 31 and October 1.

II.—The following section is hereby added to Paragraph I., General Orders No. 29, O. B. C., series of 1881:

GLOVES

series of 1881:

GLOVES.

44.—For all Officers and Members. Of white Berlin or Lisle thread.

III.—Sections 1, 2, 3 and 5, Paragraph III., General Orders No. 29, O. B. C., series of 1881, are hereby countermanded and the following substituted therefor:

1.—On House-watch. The uniform coat, trousers, shirt (vest and cravat optional), fatigue hat or cap, badge pinned on left breast.

2.—At the 8 o'clock A. M. Roll-call.

3.—In Apparatus room, not on House-watch or other special duty. The uniform coat, trousers and shirt (vest and cravat optional), will always be worn, except while at work cleaning the apparatus, horses, quarters, etc., when old clothing may be worn. The purpose of this regulation is, that the officers and members of the Department may at all times, except when in the performance of necessary labor in quarters, appear in proper dress.

5.—Outside of Quarters. The fatigue hat or cap, uniform coat (overcoat in cold whether, vest and cravat optional), trousers and shirt, always in wet weather water-proof clothing, and when on Department business, the coat badge pinned on outer garment over the left breast. IV.—The following sections are hereby added to Paragraph III., General Orders No. 29, O. B. C., series of 1881:

7.—Gloves will be worn on all parades, inspections and funerals, and during visits to quarters by Commissioners or Chief Officers, of which notice has been given, and at other times when specially ordered.

8.—The coat badges shall be worn on the left breast at the level of the second button from the top; midway between the centre of the body and the side when worn on the coat, and an much to the left of the left row of buttons on the overcoat.

9.—The wearing of the uniform or any part thereof, by any officer or member of the Department at any place of amusement, ball, party or public assembly of any character, unless on Department business or when specially detailed there for duty, is prohibited.

V.—Paragraph VII., General Order No. 29, O. B. C., series of 1881, is hereby countermande

NOVEMBER 25, 1885.

A

(General Orders No. 7.)

The following rules for using ladders at fires will be observed:

I.—Commanding officers of Hook and Ladder companies shall have exclusive control and direction in the raising and placing of all ladders, and shall not permit their use by any one before they are in proper and safe position; they shall not be used at any time thereafter by any person not a regular or probationary member of the Department, or persons rescued, and by them only under the following restrictions:

L. The number of persons permitted on the various sized ladders simultaneously shall not

The number of persons permitted on the various sized ladders simultaneously shall not exceed-

1. The number of persons permitted on the various sized ladders simultaneously shall not exceed—
To each 10 to 15 feet ladder, one.
To each ladder more than 30 feet, three.
2. When used for pipe-lines, the pipeman only will be permitted at the pipe, and he will fasten the line to an iron round if conveniently near, or if not, he will hitch it on two wooden rounds, in such manner as to prevent the kinking of the pipe.
3. If it be a 35-feet ladder, the second man shall take position just below the point at which the pressure bends the ladder, where the line will also be fastened, preferably to an iron round, or in lieu thereof, to two wooden rounds. With all other ladders, the second man shall take position with feet resting upon the first round above the point where the poles support the ladder, where the line shall be fastened in the manner above prescribed.
4. If a third man is required, he shall take position on the ladder near the butt.
5. While their services are not needed in shifting the line, the second and third man will not be required to maintain the prescribed position.
6. After shifting the line, the second and third man will resume the position prescribed, and fasten it as before indicated.
7. Before shifting a line from a ladder over 25 feet long, it must be cleared of water.
8. Officers and reliefs may use the ladders at any time, but must not pass the second man except at the point above designated for fastening the line.

#### Appropriations and Expenditures.

TITLE OF APPROPRIATION.	AMOUNT OF APPROPRIATION.	EXPENDITURES.	BALANCE.
For Salaries—			
Headquarters	\$46,575 00	\$44,070 14	\$2,504 86
Bureau Chief of Department	1,150,908 00	1,139,475 90	11,432 10
" Inspector of Combustibles	10,000 00	9,994 74	5 26
" Fire Marshal	7,400 00	6,731 45	668 55
" Inspection of Buildings	73,000 00	70,649 87	2,350 13
Attorney	4,000 00	4,000 00	
Fire Alarm Telegraph	21,040 00	20,892 66	147 34
Repair Shops	55,000 00	54,997 40	2 60
Hospital Stables	4,850 00	4,850 00	
Total salaries	\$1,372,773 00	\$1,355,662 16	\$17,110 84
For Apparatus, Supplies, etc.—			
Apparatus, horses, rents, supplies, etc	\$245,000 00	\$245,000 00	
New houses	90,000 00	89,991 10	\$8 90
Contingencies-Bureau Inspection of Buildings	2,392 00	2,392 00	
Total apparatus, etc., etc	\$337.392 00	\$337,383 10	<b>\$</b> 8 90
Grand total	\$1,710,165 00	\$1,693,045 26	\$17,119 74

lvertised for as provided by law:	pon proposais
pparatus, Supplies, etc.— For forage. For fuel. For new boilers and repairs to fire-engines. For new fire-engines For new water-tower. For new hose.	\$32,851 00 17,350 00 2,600 00 7,600 00 4,000 00 18,500 00
Total	\$82,901 00 84,217 00

Grand total.....

\$167,118 00

Water Tower in connection with company apparatus.
 Training Stable in connection with company.

Amount of Bills and Pay-rolls Audited. ### Amount of Buts and Fay-Fous And
Bills for 1883
Bills for 1884
Bills for 1885 \$188 00 93,675 32 253,931 69 Total bills..... \$347,795 OI 1,355,662 16 Pay-rolls for 1885 ..... Total bills and pay-rolls ..... ..... \$1,703,457 17 Sale of Condemned Horses at Auction.

(For remainder of proceeds of sales, see statement of Relief Fund.)

Changes in and Present Organization of the Uniformed Force.

Engine Company No. 53, to consist of one Foreman, one Assistant Foreman, one Engineer of Steamer, one Assistant Engineer of Steamer and eight Firemen, was organized January 14, located in the new quarters on One Hundred and Fourth street, between Lexington and Third avenues, and assigned to the Eleventh Battalion. It was equipped with one steam fire-engine (formerly spare engine of the Tenth Battalion), drawn by two horses, and one four-wheel tender to be drawn by two horses.

The company was immediately assigned to duty.

Horses...

Company Organization, Complement of Officers and Men, Kind and Number of Apparatus,

		Mer			APPAR	ATUS	AND H	ORSES.				d to.	y at.
	COMPANY.	No. of Officers and Men.	No. of Steam Fire-engines.	No. of Horses.	No. of Four- wheel Tenders.	No. of Horses.	No. of Two- wheel Tenders.	No. of Horses.	No. of Hook and Ladder Trucks.	No. of Horses.	Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Per- formed Duty at,
		12	1	2	1	2	**				4	177	46
**	2	12	1	2			1	X.	••	**	3	92	28
	3	12	1	2	1	2	**		**	**	4	106	28
	5,,,,,,	*18	1 2	2			2	1 2	***	**	6	125	58
**	6	12	1	4	**		1	1			3	139	40
11	7	16	1	2			1	1	tı	2	5	202	77
n	8	12	1	2	1	2					4	195	49
**	9	12	1	2			1	1	**		3	227	8:
14	10	12	t	2	T	2				**	4	64	3
4	11	12	1	2	.1	2		**	**		4	184	6
11	12	*18	2	4		**	2	2	**		6	183	7
	14	*18	2	4 2	1	2	2	2	**	**	6	165	7
	15	12	1	2					**	**	3	212	5
	16	*18	2	4			2	2			6	158	3
	17	12	‡1	2			1	1			3	294	8
ii	18	*18	2	4	1	2	1	1	1.		7	137	5
	19	12	1	2		11	1	1			3	129	3
**	20	12	1	2		***	1	1			3	215	8
"	21	12	1	2	1	2	***	**	**	**	4	156	3
"	22,	12	1	2			1	1	***		3	107	2
11	23	12	1	2	1	2					4	124	2
**	25	12	1	2	1	2					3	130	5
	26,	*18	2	4	1	2	1				7	155	3
**	27	*18	2	4	1	2	1	1			7	167	8
n	28	12	ı	2			1	1			3	99	3
	29	12	1	2		**	1	1			3	139	6
**	30	12	1	2	1	2					4	156	5
**	31	*18	2	4			2	2			6	201	8
	32	12	1	2		**	1	1			3	99	6
**	33	*18	2	4	***		2	2		***	6	184	7
**	34	12	1	12	-		1	1			3	134	4
-	35	12	1	2	1	2	1				3 4	90	2
	37	ll14	1	2	1	2					4	37	
и	38	12	1	2	1	r			1	2	5	24	1
**	39	12	1	2			1	1	1	2	5	153	3
u	40	8	1	2			1	1			3	6r	1
**	41	8	1	2			1	1			3	22	1
**	42	8	1	2	. 1	2					4	19	1
"	43	\$10					**	**	**	**		107	1
	44	12	1	2	1	2					4	129	3
	46	8	1	2	1	2					4	18	1
	47	12	1	2	1	2			1	2	6	56	1 3
	48	12	1	2	1	2			1	2	6	28	1
**	49	10	1	2			1	1	1	2	5	1	
	50	12		2	1	2			1	2	6	33	
	51	grı										87	1
"	52	12	1	2	1	2			‡ı	2	6	15	1 4
**	53	12	1	2	1	2					4	88	2
	54	12	1	*2	**		1	1		**	3	131	1
look	and Ladder 1	12					**		1	2 2	2	295 336	19
		12	700										

§ Floating Engines.

|| Apparatus not the property of the Department.

24.

28.

35.

PRESENT GRADE

rt. Foreman .....

NAME

Kehoe, John H .....

McLaughlin, William

Erb, George W....

Wo'ff, Charles A...

Meagher, Daniel 1...

Grades.

Assistant Foreman.

Assistant Foreman.

Assistant Foreman

Assistant Foremen.

Assistant Foreman.

Assistant Foreman.

July 31, 1865 Assistant Foreman.

Sept. 25, 1865 | Assistant Foreman.

Mar. 1, 1866 | Assistant Foreman.

Mar. 15, 1873 | Assistant Foreman.

June 10, 1870 {Assistant Foreman.

Oct. 17, 1870 | Assistant Foreman.

PROMOTION.

Assistant Foreman. June 15, 1869 Foreman ...... Dec. 1, 1869

Assistant Foreman. June 1, 1869 Foreman ...... Mar. 1, 1870

Dates.

Feb. 1, 1869 July 25, 1870

Nov. 17, 1865 Dec. 24, 1870

Mar. 1, 1870

Nov. 1, 1871 June 16, 1873

Jan. 15, 1874 Mar. 1, 1875

July 1, 1873 Mar. 1, 1875

Oct. 1, 1875 Dec. 8, 1879

Jan. 15, 1874 Feb. 1, 1880

May 15, 1875 Feb. 1, 1830

Apr. 1, 1878 Apr. 1, 1878 Apr. 4, 1879 Dec. 10, 1879 June 1, 1880

Feb. 1, 1879 Aug.25, 1880

Mar. 1, 1873 Sept.17, 1880

Dec. 1, 1873 Apr. 1, 1881

May 1, 1875 July 1, 1881 Dec.18, 1878 Oct. 17, 1881

July 20, 1871 Nov. 1, 1881

June 1, 1876 Nov. 1, 1881 July 22, 1880 Nov.18, 1881

Mar. 15, 1874 Aug. 8, 1878 Dec. 31, 1882

May 15, 1875 Apr. 18, 1883

Apr. 18, 1883 Nov. 1, 1881 May 23, 1883

Apr. 8, 1880 July 1, 1833

Oct. 1, 1877 Jan. 15, 1884

Assistant Foreman, June 1, 1869

Assistant Engineer
of Steamer .....
Assistant Foreman.

Assistant Foreman.

Assistant Foreman.

Assistant Foreman.

Assistant Foreman.

..... Mar. 1, 1873

Assistant Foreman. July 1, 1871 Foreman ....... Mar. 1, 1873

ORIGINAL APPOINTMENT.

\*Fireman .....

30 Assistant Foreman

Landers, William H. 41 Fireman ......

Chambers, Charles, 31 { Engineer of } Steamer....}

Judge, Thomas ..... 32 Fireman ......

Van Horn, Thos I.

Wray, Robert..... 23

Conlon, Thomas ....

Fleming, William H. 22

Shay, Charles H .... 21 Private .....

Oct. 20, 1865

May 22, 1868

Oct. 11, 1865

July 31, 1863 Apr. 1, 1866

Sept. 29, 1865

Mar. 21. 1866

Oct. 6, 1865

Sept. 27, 1865 Oct. 27, 1865

Sent. 14. 186:

Sept. 25. 1865

Oct. 20, 1865

Oct. 11, 1865

Sept. 14, 186s

Mar. 15, 1872

June 29, 1866

...... May 6, 1871

..... Sept. 11, 1865

...... Sept. 11, 1865

Fireman ..... Oct. 16, 1855

Oct. 1, 1869

Nov. 1, 1872

Oct. 17, 1866

Nov. 1, 1871

Nov. 21, 1877

Jan. 17, 1879

July 1, 1869 June 15, 1866

Oct. 1, 1371

Oct. 16, 1873

Aug. 15, 1868 July 7, 1875

Nov. 15, 1874 Oct. 13, 1865

Feb. 1, 1874

Apr. 22, 1869

May 1, 1875

Sept. 18, 1874

Dec. 1, 1872

Oct. 13, 1865

Dec. 17, 1874

Steamer... Ass't Engine of Steamer

SAss't Engin'r of Steamer...
Ass't Engineer of Steamer...

. 23 Fireman .....

Ass't Engineer of Steamer.

fireman....

{ttFireman.....

		len.			APPAI	RATUS	AND H	ORSES.				d to.	y at.	
Con	MPANY.	No. of Officers and Men.	No. of Steam Fire-engines.	No. of Horses.	No. of Four- wheel Tenders.	No. of Horses.	No. of Two- wheel Tenders.	No. of Horses.	No. of Hook and Ladder Trucks.	No. of Horses.	Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Per- formed Duty at.	3
Hook and La	dder 4	12	**				**		r	2	2	268	155	1
	5	*18				**	**		2	4	4	220	121	1
44	6	12	**	**	44	**			1	2	2	396	223	1
.11	7	13	**						1	2	2	243	108	1
**	8,	12							1	2	2	297	181	
0	9	*19			17				2	4	4	347	201	1
44	10	12			**				1	2	2	198	241	1
**	11	12	**		**		**		1	2	2	209	135	
"	12	12		**	**			**	1	2	2	278	142	1
.66	13	13		***			**		1	2	2	179	79	1
	24	12		44			**		1	2	2	117	66	2
· re	15	12	**	10	14.		44	44	1	2	2	98	(2	2
**	17	10	1.0	44				**	1	2	2	60	23	
140	19	8		**	-55	**	1	1	1	2	3	15	13	2
Total		900	61	122	25	49	38	39	27	54	264			2

\* Double Companies.

Average number of alarms responded to, 145. Average number of fires performed duty at, 60.

The above companies are organized into twelve battalions, each consisting of from four to nine companies, commanded by a Chief of Battalion; the Assistant Chief of Department commanding the First, Second, Third, Fourth, Fifth and Sixth Battalions, and the Second Assistant Chief of Department commanding the Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth Battalions; the entire force being under the command of the Chief of Department.

Register of Officers of the Uniformed Force on December 31.

		ORIGINAL APPO	DINTMENT.	Раомотю	N.
PRESENT GRADE.	NAME.	Grade.	Date.	Grades.	Dates.
z. Chief of De-	Shay, Charles O 3	Foreman	Sept. 25, 1865	District Engineer Assistant Chief of Department Chief of Department	May 10, 187
2. Ass't Chief of Department	Bonner, Hugh 2	, "	Sept. 18, 1865	Chief of Battalion 2d Assistant Chief of Department Assistant Chief of Department	May 21, 187 Jan. 4, 188 May 1, 188
3. 2d Ass't Chief of Depart- ment	McCabe, John 2	f Fireman	Sept. 26, 1866 July 1, 1873	Assistant Foreman. Foreman. Chief of Battalion. 2d Assistant Chief of Department	Dec. 1, 187 July 1, 187 May 16, 188
4. Chief of Bat-	Gicquel, Benjamin A. 2	Fireman	Oct. 16, 1865	Assistant Foreman. Foreman. District Engineer. Chief of Battalion.	Jan. 22, 186 June 1, 186 July 1, 187 May 21, 187
5. Chief of Bat-)	Rowe, William 2	Foreman	Oct. 20, 1865	Chief of Battalion	May 21, 187
6, Chief of Bat-	Fisher, John S 3	Fireman	Feb. 9, 1868	Assistant Foreman. Foreman. Chief of Battalion	June 1, 185 July 15, 186 May 21, 187
7. Chief of Bat-	Campbell, Samuel 2	s "	Oct. 16, 1865	Assistant Foreman. Foreman Chief of Battalion	Aug. 1, 186 Feb. 1, 187 Sept.23, 187
8. Chief of Bat- talion	Reilly, Francis J 2		Sept. 27, 1865	Assistant Foreman † Foreman Assistant Foreman. Foreman Chief of Battalion	Oct. 15, 187 July 1, 187 May 1, 187 June 6, 187 Feb. 1, 188
g. Chief of Bat-) talion	Bresnan, John J 2		Dec. 1, 1865	Assistant Engineer of Steamer Assistant Foreman. Foreman Chief of Battalion	Mar. 16, 187 July 1, 187 Mar. 1, 187 Feb. 1, 188
talion}	Reeves, Michael F 27	*	Apr. 20, 1867	Assistant Foreman. Foreman Chief of Battalion	Oct. 15, 187 Aug. 1, 187 Nov. 1, 188
r. Chief of Bat- talion}	Mahedy, Francis 29	"	July 3, 1872	Assistant Foreman. Foreman Chief of Battalion	Mar. 1, 187 Feb. 1, 187 Nov. 1, 188
talion)	Gooderson, Thomas. 22	·	Feb. 1, 1874	Assistant Foreman. Foreman Chief of Battalion	Dec. 21, 187 Apr. 10, 187 Jan. 15, 188
talion	Lally, Thomas 22		Aug. 15, 1870	Assistant Foreman . Foreman Chief of Battalion	Apr. 21, 187 Nov. 1, 188 May 1, 188
4. Chief of Bat-	Purroy, Charles D 24	Private	Jan. 22, 1880	Fireman	Apr. 1, 1886 Apr. 5, 1885 Dec. 31, 1885 May 1, 1886
5. Chief of Bat- talion}	McGill, Joseph F 23	Fireman	Mar. 21, 1866	Assistant Foreman. Foreman Chief of Battalion.	Apr. 1, 1870 Oct. 1, 1870 Aug. 12, 188
Foreman	Poynton, Joseph 26	Foreman	Sept. 8, 1865		
2. "	Spence, Arnot 31	"	Oct. 20, 1865		
34 "	Walton, James 31	"	Dec. 1, 1865		
. "	McNeill, Alexander. 29	Assistant Foreman	Oct. 16, 1865	Foreman	June 1, 1868
s. "	Williams, Robert 40	Fireman	Dec. 1, 1865	Assistant Foreman.	June 1, 1868 Dec. 15, 1868
6. "	Donohue, Patrick 26	"	Sept. 27, 1865		June 1, 1866 Feb. 1, 1866
, "	Best, Samuel 32	"	June 14, 1866	Assistant Foreman.	Apr. 17, 186 Mar. 1, 186
s. "	Shaw, William 27	Assistant Foreman	Oct. 4, 1865	Foreman	May 1, 1869
. "	McCormick, James A. 27	Fireman	Oct. 6, 1865		June 23, 1866 June 25, 1866
	Castles, John 27	"	July 27, 1866	Assistant Foreman.	Apr. 1, 1869 July 15, 1869

\* Resigned, January 15, 1866. † Reduced to Foreman, February 15, 1875. ‡ Resigned, May 21, 1872. § Resigned, May 21, 1872.

Short, Peter H .....

Gleason, Luke .....

|| Resigned, October 16, 1871. \*\* Resigned, June 1, 1872. †† Resigned, March 31, 1869.

<sup>\*</sup> Resigned, November 12, 1867. † Reduced to Fireman, April 1, 1872

-	E.D.	KUAK	10, 1000.	1				J11 1	1				0	A	Contrador S	-		0,,
PRES	ENT	GRADE.	NAME.	-	ORIGINAL APPO	INTMENT.	Ркомотю	I.	PRES	SENT GRADE.	NAME.	,e,	ORIGINA			-	Promotion	
				Age.	Grade.	Date.	Grades.	Dates.				Age.	Grade		Date	е.	Grades.	Dates.
			(Condesson Fred.)				Assistant Engineer of Steamer	Apr. 1, 1880	37. As	ss't Foreman.	Kelly, Thomas	28	* Fireman		Sept. 18, June 15,	1865	Assistant Foreman.	Nov.25, 188
8. Fo	rema	n	{Gooderson, Fred- erick W., Jr}	23	Private	Oct. 13, 1879	Assistant Foreman. Foreman	Apr. 1, 1880 May23, 1883 May 3, 1884	38.	**	Hyde, David	27	"	]	July 15,	1873	**	Mar.22, 188
	**		McCutchen, James	31	Fireman	Sept. 18, 1865	Assistant Foreman.	Mar. 1, 1869 May 20, 1884	39.	"	Farley, Thomas	25	† Fireman Fireman		May 15, Sept. 1,		Assistant Foreman.	Apr. 10, 188
			Hart, Michael	-8	"	Oct. 20, 1865	(Assistant Foreman.	July 1, 1871	40,		Murphy, John	24	"		Oct. 17,	1870	"	Aug. 7, 188
		,,,,,,					(Assistant Foreman.	May 20, 1884 Nov.16, 1881	41.	"	Aiken, Alexander D.			100	July 19,	1000	"	Dec. 1, 188
	"		Connolly, Patrick J	28	"	Jan. 15, 1873	(Foreman	May 20, 1884	42.		McAvoy, Michael				Dec. 1, Nov. 3,	100		Dec. 31, 18 Feb. 1, 18
	**		McCabe, Hugh D	25	Private	Feb. 9, 1882	{Assistant Foreman. Foreman	July 22, 1883 May 20, 1884	44.	"	Barber, John White, John H				an. 2,	1000	"	Feb. 1, 18
			Shea, Joseph	29	Foreman	May 20, 1884			45.	"	Daniels, Clement L.		- 55	1	Oct. 11,		**	Mar. 4, 18
	**		Cosgrove, James	21	Private	Jan. 1. 1878	Assistant Engineer of Steamer	Mar.21, 1880 July 1, 1881	46.		Ryan, Ed. F	22		)	July 3,	1872	"	Mar. 6, 18
							Assistant Foreman.	June 6, 1884	47-	44	Murphy, Lawrence .	24	"	J	une 12,	-		May 17, 1
			Falvey, John	21	{Fireman	Mar. 11, 1871 July 18, 1874	*Assistant Foreman	Feb. 15, 1872 Nov. 1, 1881	48.	**	Kennedy, Mathias T	28	Private		Dec 21,	1877 3	Assistant Engineer of Steamer Assistant Foreman.	Nov.21, 1 May 23, 1
					{†Fireman		(Foreman								Tan -	(	Assistant Engineer	
		*****	McDonald, Alex	28	(Fireman		Assistant Foreman.	Jan. 7, 1876 Aug. 7, 1884	49.		Margison, Charles	27	*****		Jan. 22,	1077	of Steamer Assistant Foreman.	May 1, 1 May 23, 1
	44		Scannell, Edward A.	24	Private	Apr. 7, 1881	Assistant Foreman	May 20, 1884 Aug.16, 1884	50.	-11	Jones, William H	29	L (derman	.,	Sept. 25,	, 1875 {	Private	Apr. 1, 1 May 23, 1
	10		Binns, John	-		Mar. 22, 1882	Assistant Foreman.	May 20, 1884	51	**	Needham, John T	27	Private		Jan. 1	, 1881	Assistant Foreman.	May 23, 1
							(Assistant Foreman.	Aug 16, 1884 Feb. 1, 1883	52.	**	Murphy, John McL	23			Nov. 21,			May 23, 1
	44	*****	Golden, John J	27	Fireman	Dec. 18, 1874	(Foreman	Aug. 22, 1884	53+		O'Hearn, Thomas	100			June 12,			July 1, 1
	44		Barry, James	24	fireman	Jan. 20, 1874 Feb. 12, 1876	Assistant Foreman.	May 20, 1884	54-		Hopper, Charles	li	Fireman		Mar. 2, Feb. 12,	, 1876	Assistant Foreman	Aug. 1,
			Collins on				(Foreman	Aug. 22, 1884	55.	**	Meehan, Edward		1 10		July 23,			Aug.13,
	44		Sullivan, Thomas	26	Foreman	Aug. 23, 1884	/ Accional Francis		56.	**	Beekler, Jacob				Mar. 15		Assistant Engineer	Nov. 1,
	44		Kenny, Thomas A	29	Fireman	Aug. 4, 1876	{Assistant Foreman. Foreman	Feb. 1, 1885	57-	**	Autenreith, Chas. J.	25	Private		Feb. 12	, 1881 }	of Steamer Assistant Foreman.	Dec.17, 1 May 20,
	14		Lawler, Daniel	24	"	May 1, 1875	Assistant Foreman.	Aug. 16, 1884 Feb. 1, 1885	58.	ü	Hearn, John	24	Fireman		Sept. 11	, 1865	Assistant Foreman,	May 20,
			Callaghan, Daniel H	26		Mar. 1, 1873	Assistant Foreman.	July 10, 1879	59-	**	Head, Thomas	26	"		July 15,	, 1869		May 20,
				20			Foreman		60,		Touhey, Martin J			-	Mar. 15	-	"	May 20,
	ii.		Cook, Martin		Hoseman	Ian + 1820	of Steamer Engineer of Steamer	July 24, 1871	62.	"	Frazer, William D Donohue, Malachi	100	1		July 3. June 10		8 44	May 20, Oct. 17,
			Cook, Martin	23		Jun. 1, 10/0	Assistant Foreman.   Foreman	Mar. 1, 1874							Dec. 1	, 1873		May 20,
			Test Henry		Fisaman	A0	(Assistant Foreman	Sent 22 1880	03.		Gaffney, Andrew Feris, William R	10			Dec. 1		"	May 20,
		******	Teal, Henry	21	rueman	Aug. 1, 1071	(Assistant Engineer	1	64.	"	Reed, Samuel	1			Sept. r		**	May 20,
			Cooney, John J	29	Private, 3d Grade.	Sept. 1, 1882	Assistant Engineer of Steamer Assistant Foreman	June 6, 1884 July 1, 1885	66.	16	Quirk, William	100	Las Const.		May 19,		· ·	May 20,
							(Foreman	Nov. 15, 1885	07.		Hennessey, William.	30	Fireman. Private		Dec. 21,	, 1874	Assistant Foreman.	May 20.
A	s't F	oreman.	Schuck, Henry Smith, Edward S	159		Sept. 2, 1865 Sept. 11, 1865	Assistant Foreman	Nov. 22, 1865 Dec. 15, 1868									Fireman	Apr.13,
			Heany, James				"	Dec. 15, 1868	60	46	Leonard, John H	35	2 **		Feb. 1	, 1877	Assistant Engineer of Steamer	Apr.20.
	-		Hicks, Matthew	11/2		Aug. 12, 1868		Oct. 15, 1870									Engineer of Steamer Assistant Foreman.	Aug. 16,
			Riordan, John	21	"	Sept. 20, 1866		Nov. 1, 1871	09.	**	O'Grady, Joseph	27	,		Nov. 24	, 1877	Assistant Engineer of Steamer Assistant Foreman.	Oct. 20, Aug. 16,
			Lynar, Andrew	1		Jan. 23, 1868		Feb. 15, 1872	1000		Croker, Edward F	21			June 22		Assistant Foreman.	1000
			Brennan, Terrence P McNamee, Charles.	100		Oct. 6, 1865 July 1, 1869		July 1, 1872 Mar. 1, 1873	100	**	Reilly, Bernard J	1	1		May 1	, 1875	"	Aug.21,
			Jones, Walter H	177	"	Oct. 21, 1870		Mar. 1, 1873	1	**	Reilly, Michael A	25	Private		Apr. 4	, 1881		Aug.21,
			Conaghan, Patrick	115		Oct. 20, 1865	" .	Apr. 21, 1873	73-	"	McNamara, Mich'l J.	10			Apr. 21	COLUMN TO SERVICE		Aug.27,
			Braisted, William C			July 3, 1872		June 16, 1873			Kinsella, Henry	27	7 Private		Feb. 3	, 1883	(Assistant Engineer	Aug.27,
			Campbell, James A.	27		Sept. 29, 1865	" .	. Aug. 15, 1873	75.	"	McNamara, John J.	21	6 Fireman		Dec. 7	7, 1877	of Steamer	Apr. 11, July 1,
			Moore, Edward S	. 31	"	Oct. 16, 1865	Assistant Foreman	Dec. 1, 1865 Nov. 3, 1873	76.	-14	Petersen, Adolph J	. 2	5 **		Oct. 25		Assistant Foreman.	July 1,
			Louis, Albert F		4	Sept. 14, 1865	Assistant Enginee of Steamer Engineer of Steame	. Apr. 1, 1871	77.		Tobin, Edward H	2:	2 "		May 4	4, 1875	**	July 1,
			Louis, Albert F	24		Dept. 14, 1005	Engineer of Steame Assistant Foreman	Apr. 1, 1871 F Sept. 11, 1872 Jan. 15, 1874	78.	45	Beshinger, Joseph				May 10	3000		July 1,
			Burnett, Henry	1/20		Sept. 22, 1865	The second second second		0.	"	Banta, Samuel		10		Jan. 22			July 1,
			Siegmann, Louis L	13		Feb. 8, 1871		Jan. 15, 1874	0.		Nugent, James M Gormley, Patrick				Jan. 4 May 15			July 1,
			Cartright, Stephen	1	Ass't Foreman		ttForeman	. May 15, 1874 . Oct. 15, 1870			J. antoniii	1	(** Engine	er of)	Nov. 1		***************************************	
			Neubauer, Michael.	17	Fireman	He de la constant de	Assistant Foreman.		82.	**	Ryan, Patrick F	. 2	8   Steame Ass't Eng of Stea	ineer )	Sept. 6		Engineer of Steamer Assistant Foreman	Inly or
			Carey, Francis	. 25		June 4, 1868	" .	Dec. 21, 1874				1					(Assistant Enginee	
			Wright, Augustus H	29				. May 1, 1876	83.	**	Delaney, James	. 2	Fireman		Aug. 1	1, 1869	of Steamer Engineer of Steame Assistant Foreman	Mar. 16,
			Kruger, Chas. W., J.	. 22	Ass't Engineer of Steamer	July 3, 1872		. Sept. 27, 1877	84.		Honan, John S	. 2	Private		May 8	8, 1883	Assistant Foreman	1
			Kenehan, Richard F		Fireman			Apr. 3, 1878	=			1	1					1
			Finn, John			Sept. 26, 1866	" .	Aug. 21, 1878		† Dismissed,	September 29, 1865. August 10, 1869.			§	Dismiss Resident	sed, Nov	ember 23, 1873. Ober 19, 1876. Inber 3, 1873.	
			McCarthy, Patrick.		4.		(##Assistant Forema	. Apr. 27, 1879 n Jan. 7, 1876			August 1, 1871.							D .
			Pesoa, Oscar A	1		Sept. 14, 1865	(Assistant Foreman	June 21, 1879	,	ar of Entry	into the Uniformed	F	orce of Offi	ers and	d Memi	bers in.	Active Service on	December
		•	O'Rourke, Owen	. 26	§§ Fireman	Sept. 22, 1865 Feb. 12, 1875	Assistant Foreman.	July 10, 1879			Factoria					ENGIN		
			Browning, William.	. 21		Apr. 23, 1869	Steamer	. June 1. 1871	ı		APPOINTED IN-			OFFIC	ERS.	AND ASS ENGIN	STANT AND	Tor
				1	Ass't Engineer of Steamer	May 9, 1873	Engineer of Steame Assistant Foreman	r Aug. 1, 1874	4 -									-
	-		O'Reilly, Patrick H	. 23	Fireman	Aug. 21, 1875	Assistant Foreman		0 186					52		10	5 44	
			Kerrigan, Francis				"	Sept. 16, 1886			***************************************		20000000000	12		3		
			Case, Wright, Jr					Nov. 12, 188								- 3	3	
			Ahearn, Thomas J.  McCarthy, John					Apr. 1, 188						. 8			6 12	
			Tully, Edward G	11112		The state of the s		July 1, 188			••••••			7			6 16	
	-		Moss, Joseph	110	Fireman	Dec. 1, 1871		Nov. 1, 188	1 107					12			2 18	
6.	-	**	Gerity, James J	. 24	"	Feb. 1, 1874		Nov. 1, 188	1 107					13			2 11	

Appointed in-	Officers.	ENGINEERS AND ASSISTANT ENGINEERS.	FIREMEN AND PRIVATES.	TOTAL,
1865	52	16	44	112
1866	12	5	17	34
1867	r	2	3	6
1868	. 8	6	12	26
1869	7	6	16	29
1870	5	2	18	25
1871	12	2	11	25
1872	9	4	24	37
1873	15	8	. 53	76
1874	8	8	44	60

Appointed in-	OFFICERS.	Engineers and Assistant Engineers.	FIREMEN AND PRIVATES.	TOTAL.
1875	14	9	24	47
1876	3	1	9	13
1877	6	12	6	24
1878	1	2	1	4
1879	2	6	8	16
1880	3	6	34	43
1881	6	4	40	50
1882	4	2	56	62
1883	3	6	84	. 93
1884	5	8	92	105
1885			40	40
Total	176	115	638	927

#### Number and Character of Alarms, Manner of Receipt and Cause.

	M	ANNER	OF 1	RECE	PT.							C	AUS	E,				
Alarms.	From Department Street Alarm-boxes.	Special Department Tel- cgraph Signals.	Verbally	Automatic Telegraph.	Total.	Accidents.	Cry of "Fire,"	Error.	Exhibition of Depart- ment.	Explosions.	Heat and disarrange- ment of Aut. Telegraph,	Ignorance,	Malicious mischief.	Not ascertained.	Reflection from stoves, etc.	Smoke, etc., issuing from premises	Fire.	Total.
Unnecessary	37	6	7	39	89	9	6	2	1	2	26	12	12	19				89
Indication of fire	101	1	55	**	157									**	20	137	****	157
Fires	1,604	33	839	3	2,479	**		.,			**			**			2,479	2,479
Total	1,742	40	901	42	2,725	9	6	2	T	2	26	12	12	19	20	137	2,479	2,725

#### Statistics of Fires.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
In buildings—													
Confined to point of starting	228	190	201	207	184	169	191	121	139	145	166	220	2,161
Confined to building	25	31	17	17	9	9	17	4	9	10	11	14	173
Extended to other buildings	3	11	5	3	3	4	3	3	8	2	1		46
Number in buildings	256	232	223	227	196	182	211	128	156	157	178	234	2,380
In vessels	1	1	2	2	I	1		1	2		4	1	16
In other places (woods, etc.)	5	4	7	17	6	.9	11	3.	3	6	3	9	83
Total	262	237	232	246	203	192	222	133	161	163	185	244	2,479
Discovered by-													
Attachés of Fire Department	34	23	21	23	14	17	18	10	17	16	14	17	224
Attachés of Police Department	75	57	63	70	67	53	56	36	48	53	50	66	604
District key-holders	56	65	57	62	56	50	61	35	42	35	52	70	641
Cuizen key-holders,	19.	22	26	13	7	15	18	11	13	9	8	11	162
All other means	78	70	75	78	59	57	69	40	41	50	61	80	758
Total	262	237	232	246	203	192	222	132	161	163	185	244	2,479
Extinguished with-				=	-	=	=	=	=	=	=	=	=
Buckets of water, etc	152	111	126	148	133	115	156	89	102	110	113	165	1,520
One engine stream	64	66	68	60	48	50	40	24	28	34	42	47	571
Two or three engine streams	34	38	31	28	17	18	17	13	22	15	24	25	282
More than three engine streams	12	22	7	10	5	9	9	6	9	4	6	7	105
Total	262	237	232	246	203	192	222	132	161	163	185	244	2,479
Extent of damage to buildings and vessels-									-			-	=
Built mainly of brick, stone, or iron :													
Slight	89	87	86	65	58	43	35	38	32	29	57		
Considerable	16	22	ġ	15	7	7	4	2	6	29	8	79	698
Destroyed		2		**	1			3	2	1		5	101
Total	105	111	95	80	66	50	39	42	40	31	65	84	808
Built mainly of wood:	=	==	=	=	=	=	=		=	=		=	=
Slight	16	24	17	16	8	13	8	3	4	7	8	9	***
Considerable	2	6	2	3	5	5	4	3	31	1	2	3	133
Destroyed	1		2	I I		1	2		4	3	1	3	15
Total	19	30	21	20	13	19	13	4	12	12	11	14	188

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Vear.
Total buildings and vesse's damaged	124	141	116	100	79	69	52	46	52	43	76	98	996
To which the damage was—	105	111	103	8r	66	56	43	41	36	36	65	88	831
Considerable	18	28	11	18	12	12	8	2	10	4	10	8	141
Destroyed	1	2	2	1	1	r	τ	3	6	3	1	2	24
Number of fires resulting in damage to contents only; buildings or vessels not damaged	39	35	35	42	34	48	49	29	44	31	35	40	461
Number of fires resulting in nominal damage (less than \$10) to either structures or contents	61	55	56	66	71	60	69	35	44	57	58	85	717

Number of Fires occurring each Day of the Week, and during the Different Hours and Periods of the Day, by Months.

	January.	February.	March.	April.	May	Tune	July.	August	September.	October.	November.	December.	Year.
	-	-		- <	-	-	-	-	- 00			1	-
Monday	. 37	27	37	36	5 2	27	28	22	22	23	11.5	1100	358
Tuesday	. 38		40	28	100			17	11 66	1.5			377
Wednesday	. 28			1						1		123	347
Thursday	. 40		16	MIE				25		1 6	10	1110	325
Friday			100				1	14		1	1	31	324
Saturday	1	Mark.	100	100			100	16		10	1100	29	411
Sunday	23	41	27	37	44	27	31	10	13	21	35	30	345
Between the hours of—													
12 midnight and 1 a. m	10	11	8		13		10	5	4	1	5	5	94
1 a. m. and 2 a. m	13	10	5	5	6		6	5	2	5	11	3	77
2 a. m. and 3 a. m	7	4	7	13	4	9	8	6	9	3	5	3	78
12 midnight and 3 a. m	30	25	20	26	23	29	24	16	15	9	21	11	249
3 a. m. and 4 a. m	4	3	8	4	7	3	7	3	6	6	5	2	58
4 a. m. and 5 a. m	8	5	2	1.	1	3	9	3	2	1	4	2	40
5 a. m. and 6 a. m	6	6	3	4	1	3	2	2	2	1	1	4	35
3 a. m. and 6 a. m	18	14	13	8	9	9	18	8	10	8	10	8	133
3 a. m. and 9 a. m	-	-	-	-	-	-		-	-			_	*33
12 midnight and 6 a. m	48	39	33	34	32	38	42	24	25	17	31	19	382
	-	-	-	-	1	-	-		-		-	-	-
6 a. m. and 7 a. m	5	4	6	7	2	4	2	2	6	2	7	7	54
7 a, m. and 8 a. m	8	5	7	3	6	3	5	3	4	4	3	3	54
8 a. m. and 9 a. m	11	6	6	-9	4	4	7	4	3	6	7	4	71
б a. ш. and g a. m	24	15	10	19	12	11	14	9	13	12	17	14	179
9 a. m. and 10 a. m	9	2	11	6	7	13	11	2	5	7	10	6	89
to a. m. and ir a. m.	9	5	11	9	13	6	8	3	4	6	6	8	88
11 a. m. and 12 m	11	12	10	10	7	7	6	5	12	4	7	13	104
	20	70	22	25	27	26	25	10	21	17	23	27	281
g s, m. and 12 m	-	19	32	-3			-3	_	-	-4	-3	-	201
6 a. m. and 12 m	53	34	51	44	39	37	39	19	34	29	40	41	460
	-	-	-	-	-		-	-				-	-
12 midnight and 12 m	101	73	84	78	71	75	81	43	59	46	71	60	842
	11	11	-	16	11	6	10	8	8	8	6	5	
12 m, and 1 p, m	9	4	5	11	5	6	10	6	4	8	4	18	90
r p. m. and 2 p. m	13	9	7	8	5	8	10	3	5	7	9	11	95
2 p. m. and 3 p. m	-	-	-	-	21	25	20	-	-	-	-	-	-
12 m. and 3 p. m	33	24	16	35	21	20	30	17	17	23	19	34	289
3 p. m. and 4 p. m	9	14	14	7	4	10	7	2	7	8	8	II	101
4 p. m. and 5 p. m	9	6	5	12	7	8	11	11	10	10	8	19	116
5 p. m. and 6 p. m	18	10	12	9	15	6	6	6	4	17	11	30	744
3 p. m. and 6 p. m	36	30	31	28	26	24	24	19	21	35	27	60	361
		-	-	-	-	-	-		-	-	-	-	_
12 m. and 6 p. m	69	54	47	63	47	44	54	36	38	58	46	94	650
6 p. m. and 7 p. m	22	26	19	23	17	9	11	6	12	9	17	17	188
7 p. m. and 8 p. m	10	22	25	25	20	11	16	13	12	13	17	25	218
8 p. m. and 9 p. m	23	20	17	20	15	17	21	11	16	13	12	11	196
6 p. m. and 9 p. m		68	6t	68	52	37	48	30	40	35	46		602
ор. ш. ана ур. ш	164	- 00	-01			-	-		40	32	40	53	
9 p. m. and 10 p. m	13	14	19	19	15	14	14	12	9	7	9	19	164
10 p. m. and 11 p. m	11	14	9	9	12	10	12	6	6	5	6	9	109
11 p. m. and 12 midnight	4	14	12	9	6	12	13	5	9	12	7	9	112
9 p. m. and 12 midnight	28	42	40	37	33	36	39	23	24	24	22	37	385
	-	-	-	-		-		-				-	_
6 p. m. and 12 midnight	92	110	101	105	85	73	87	53	64	59	68	90	987
12 m. and 12 midnight	161	164	148	168	132	117	141	89	102	117	114	184	1,637
•	101	104			=			=	_	_			
6 a. m. and 6 p. m	122	88	98	107	86	81	93	55	72	87	86	135	1,110
6 p. m. and 6 a. m	140	149	134	139	117	111	129	77	89	76	99	109	1,369
Total each month	262	237	232	246	203	192	222	132	161	163	185	244	2,479
							100		100				1000

Extent of and Damage by Fire for the Years 1881-1885.

Aggregate number of fires in buildings, 80,516, of which number 250, or 21/3 per cent., extended from the buildings in which the fire originated to others, and 220 buildings, or two per cent. (including buildings to which the fire extended) were destroyed.

#### NOTABLE FIRES.

Ignuary 24.—Steamboat "St. John" of the People's Line, New York and Albany, lying at Pier 41, North river, near the foot of Canal street, 417 feet long, 8t feet beam and 9½ feet depth of hold. The cause could not be definitely ascertained, but was probably carelessness of workman engaged in repairing. Originated in or near water-closets on port side of saloon deck, amidships. The first alarm was received at 2.15 a. M., and required the services of thirteen engine companies (including both floating engines) and five hook and ladder companies to extinguish it. Two of the engine companies were delayed by frozen hydrants. The vessel was considerably damaged, and the fire was under control in an hour. Loss, \$200,000.

February 4.—Nos. 51 and 53 Barclay street, five-story, 50 by 200 feet, brick with marble front, situated on the northeast corner of Barclay street and College place, and extending through to Park place, and occupied as a lithographic establishment. The fire was caused by carelessness of employee using benzine, which ignated, and setting fire to his clothing burned him severely. It originated on the third floor and extended to the fourth and fifth floors, considerably damaging the building. The fire-alarm was received at 6.35 P. M., seventeen engines with two water-towers and four hook and ladder companies were at work, and the fire was under control in three hours. Fireman James P. Smith, of Engine Company No. 17, fell from a ladder to sidewalk and was instantly killed. Loss, \$124,650.

February 5.—Nos. 108 to 114 Wooster street, six-story, 100 by 90 feet, brick with iron front. The fire originated in the cellar, which was occupied as a chemical manufactory, the basement of No. 108 being in flames when the fire was discovered. The cause could not be ascertained. The first alarm was received at 12.14 A. M., and the services of seventeen engine and four hook and ladder companies were required. The fire was under control in three hours. The building was destroyed, and by the falling of its walls the four-

West Thirty-seventh street, respectively 25 by 60 and 25 by 80 feet, which were slightly damaged. Loss, \$142,000.

February 21.—Nos. 16 and 18 South William street, four-story brick building, 40 by 85 feet, occupied as a restaurant and dwelling. The cause of the fire was floor-beams igniting from defective grate on the first floor. The first alarm was received at \$11.09 P. M., and the fire, requiring the services of eleven engine companies, one water-tower and four hook and ladder companies, was under control in one hour. Police Officer James Murray, with his family, consisting of his wife and three children, were suffocated before the arrival of the Department. Three other occupants were rescued by members of the Department by the use of scaling ladders, one of them having been severely burned. Fireman Lyons, of Engine Company No. 10, while upon a scaling ladder was overcome by heat and fell from the third story, sustaining severe injuries. One of the companies was delayed by a frozen hydrant. Loss, \$20,200.

March 27.—Nos. 66 and 68 Duane street, six-story brick building, 30 by 100 feet, occupied as a blank book manufactory, etc. The fire was probably caused by spontaneous combustion of oily rags on the third floor, and extended to the roof, considerably damaging the building. The first alarm was received at 12.11 A.M., and the services of eleven engine companies, one water-tower and four hook and ladder companies were required during the fire, which was under control in one hour and a quarter. Loss, \$70,000.

March 29.—Nos. 32 to 36 Bleecker street, five and six story brick building, 75 by 100 feet, situated on the southwest corner of Bleecker and Mott streets, and occupied as a lithographing establishment. The fire was caused by spontaneous combustion of oily rubbish carelessly thrown into the waste-paper room in the basement. From thirteen to fifteen minutes of the most valuable time was lost by the vain efforts of the watchman to extinguish the fire before sending the alarm. The first alarm was received a

ably damaged. Loss, \$150,000.

April 14.—Nos. 513 and 515 West Forty-second street, three-story, 25 by 75 feet, brick, occupied as a piano mannfactory. The fire was caused by sparks from a stove, originated on the first floor and extended to the third floor, damaging the building considerably. The first alarm was received at 1.05 A. M. and at 1.05 and 1.09 A. M. respectively, second and third alarms were sent out. The services of ten engine and four hook and ladder companies were required to extinguish the fire, which was under control in thirty-five minutes. While the firemen were at work in the building, the second floor suddenly gave way and precipitated them into the cellar, severely injuring several officers and men. Loss, \$14,378.

April 28.—Nos. 59 to 65 Franklin street, six-story, brick, 100 by 100 feet (connecting with No. 358 Broadway, five-story, brown-stone front), occupied as a cloak and dress manufactory. The fire was caused by a gas-light gnitting goods, and originated on the second floor near the front, to which floor it was confined, slightly damaging the building, but causing considerable damage to the stock. The first alarm was received at 6.20 P.M., and at 6.20 P.M. a second alarm was sent, but the services of the additional companies thus called were, with one exception, not required, the companies responding to the first alarm, consisting of three engine and two hook and ladder companies, being sufficient to extinguish the fire, which was under control in ten minutes. Loss, \$92,000.

May 3.—No. 672 First avenue, five-story, brick, 25 by 80 feet, occupied as a restaurant on the

panies, being sufficient to extinguish the fire, which was under control in ten minutes. Loss, \$92,000. May 3.—No. 672 First avenue, five-story, brick, 25 by 80 feet, occupied as a restaurant on the first floor and the upper part as a tenement, with four families on each floor. The cause of the fire, which originated on the first floor, could not be definitely ascertained, and it extended up the stairway to the roof, only slightly damaging the building. The first alarm (which there was undoubtedly considerable delay in sending) was received at 12.26 A. M., and on the arrival of the first detachment, finding the fire extending up the stairway and burning the wooden floors of the rear fire-escapes, and that there was danger of loss of life, the commanding officer at once (at 12.31 A. M.) sent out a third alarm. The building being an isolated one and densely charged with heat and smoke, prompt action was necessary in rescuing the imperiled inmates, the members of the Life Saving Corps using the scaling ladders, while ordinary ladders were also raised to the upper floors, and all the occupants (with the exception of those who were already overcome by heat and smoke) were taken from the building. Eight lives had, however, been lost before the arrival of the firemen, by suffocation or in the effort to save themselves by jumping from the windows, while twelve persons were saved after being rendered helpless by the smoke. Many individual cases of meritorious servorce at this fire were reported and recorded on the Roll of Merit. The loss to property was only \$4.875.

twerte persons were savet after being feathered nepheses by the shock. Samy individual clases of property was only \$4,875.

May 27.—Nos. 320 to 334 Delancey street, five-story, brick, 150 by 200 feet, occupied as a furniture manufactory. The cause of the fire, which originated on the first floor, was not ascertained, and owing to the inflammable nature of the contents and the fact that the floors were saturated with oil (the building having been formerly used as a machine shop), it spread with great fierceness and rapidity. There was also, unquestionably, considerable delay in giving the alarm, for when the companies arrived in response to the first alarm (which was received at 3.35 A.M.), the fire had complete control of the building. At 3.40 A.M. the third alarm was sent, followed by special calls for four additional engine companies. The fire extended to and considerably damaged the four-story, brick building, 25 by 60 feet, Nos. 47 and 49 Mangin street, occupied as a tenement, and also extended to and slightly damaged the two-story frame building, 200 by 200 feet, No. 43. Tompkins street, occupied as a storage place for lumber. The services of seventeen engine companies, including both of the floating engines, and four hook and ladder companies were required in extinguishing the fire, which was under control in two hours. The loss was \$190,250.

June 21.—Nos. 309 to 313 Greenwich street, nine-story, brick, 100 by 125 feet, occupied as a storage warehouse. The cause of the fire, which originated on the eighth floor and extended to the ninth, could not be ascertained. The first alarm was received at 2.34 P.M., the second at 2.35 and the third at 2.40 P.M. The services of thirteen engine and five hook and ladder companies were required, and the fire was under control in two hours and half hours. The loss was \$227,000.

June 23.—No. 170 Fifth avenue, five-story, brick, brown-stone front, 27 by 100 feet, occupied

required, and the fire was under control in two and a half hours. The loss was \$227,000.

June 23.—No. 170 Fifth avenue, five-story, brick, brown-stone front, 27 by 100 feet, occupied as a picture and art establishment. The fire originated on the third floor, to which it was confined, and was caused by spontaneous combustion of oily material. The alarm was received at 8.04 P. M., and the services of only one engine and two hook and ladder companies were required, the fire being under control in fifteen minutes. Many costly works of art were stored in the building in addition to the valuable general stock, but the evident promptness in sending the alarm, the quick response of the force and the good judgment displayed in the management of the fire prevented serious loss, the amount of which was \$9,027. The subjoined letter was received from a committee of underwriters, expressive of their appreciation of the services of the Department on this occasion:

New York Board of Fire Underwriters, No. 117 Broadway, New York, June 24, 1885.

NEW YORK, June 24, 1885.

Hon. Henry D. Purroy, President Board of Commissioners, Five Department, City of New York:

Dear Sir.—At a meeting of representatives of insurance companies interested in the loss of Messrs. M. Knoedler & Co., held at the rooms of the New York Board of Fire Underwriters, this date, the undersigned were unanimously appointed a committee with instructions to communicate their appreciation of the action of the Department as follows:

That our thanks be tendered to the officers and men of the Fire Department of the City of New York who attended the fire last evening on the premises of M. Knoedler & Co., No. 170 Fifth avenue, this city, for the promptness, intelligence and efficiency displayed in extinguishing the fire, especially the exceeding care and discretion used in handling this stock, so sensitive to damage, and the judicious use of water in using no more than was absolutely necessary to extinguish the fire.

(Signed)

W. T. BIGELOW.

W. T. BIGELOW, W. M. ST. JOHN, W. DEL. BOUGHTON, (Signed) Committee

W. DEL. BOUGHTON, )

August 30.—Nos. 330 to 340 East Sixty-first street. The buildings were of brick, 125 feet front and 100 feet in depth, and varied in height, No. 330 being two-story, Nos. 332, 334 and 336 three-story, and Nos. 338 and 340 five-story, all being connected, and occupied as a chair manufactory. The fire, which originated near the engine-room in the basement, and is believed to have been caused by overheated journals, destroyed the entire structure. The first alarm was received at 6.04 A. M., and had gained such headway that upon the arrival of the first companies Nos. 332, 334 and 336 were in flames from cellar to roof. A 6.08 the third alarm was received, but before the companies called thereby could respond the fire had extended to Nos. 338 and 340. Fireman 1st grade John Ennis, of Engine Company No. 8, who was at the pipe, was instantly killed by the falling walls. The services of nine engine and four hook and ladder companies were required, and the fire was under control in two hours and fifteen minutes. Loss, \$\$5,095.

#### WATER CONSUMPTION

As nearly as can be estimated, 32,666,600 gallons of water were used by the land engines of the Department in extinguishing fires, including the quantity taken from the rivers; and in addition thereto an estimated quantity of 3,684,250 gallons of river water was used by the two floating engines, making an aggregate of 36,353,850 gallons.

#### MERITORIOUS SERVICES.

engmes, making an aggregate of 36,553,550 gallons of river water was used by the two hoating engmes, making an aggregate of 36,553,550 gallons.

The rescues at fires and elsewhere by the uniformed force, involving personal risk, recorded on the roll of merit, are as follows:

Foreman. Peter H. Short, commanding Hook and Ladder Company No. 1; Firemen 2d grade John C. Furman, John F. King and Joseph A. Cottrell, of the same company; Firemen 2d grade John C. Firemen 2d grade John C. Firemen 2d grade John Clark, and Fireman 3d grade Samuel P. Lynch, of Hook and Ladder Company No. 10, 10 pt. 10

m these rescues and worked so promptly and energetically as to entitle all of them to praise. Special mention is however made of the following named for valuable services rendered in effecting the rescues:

Foreman John Welsh, commanding Engine Co. No. 8.

"Charles H. Shay, commanding Engine Co. No. 14.
Assistant Foreman Edward F. Ryan, Engine Co. No. 14.

"Thomas Farley, Engine Co. No. 16.

"Errence P. Brennan, Hook and Ladder Co. No. 3.

Fireman 1st grade Cornelius F. Britt, Engine Co. No. 16.

"Ist grade Samuel Wood, Engine Co. No. 16.

"Ist grade Daniel B. Guinan, Hook and Ladder Co. No. 3.

"Ist grade Wm. H. Quinn, Hook and Ladder Co. No. 4.

"Ist grade Daniel B. Guinan, Hook and Ladder Co. No. 4.

"Ist grade Dennis Morrissey, Hook and Ladder Co. No. 4.

"Ist grade Dennis Morrissey, Hook and Ladder Co. No. 7.

"2 dg grade Michael Uniack, Engine Co. No. 16.

"2 dg grade Michael Uniack, Engine Co. No. 16.

"2 dg grade William J. Mulhare, Hook and Ladder Co. No. 3.

"2 dg grade William J. Mulhare, Hook and Ladder Co. No. 3.

"2 dg grade John D. Dalrymple, Hook and Ladder Co. No. 3.

"2 dg grade John D. Dalrymple, Hook and Ladder Co. No. 4.

"2 dg grade James Monaghan, Hook and Ladder Co. No. 4.

"2 dg grade James Monaghan, Hook and Ladder Co. No. 4.

"3 dg grade James Monaghan, Hook and Ladder Co. No. 7.

"3 dg grade James Monaghan, Hook and Ladder Co. No. 7.

"4 dg grade James Monaghan, Hook and Ladder Co. No. 7.

Notwithstanding the prompt and energetic efforts made to rescue the inmates immediately upon the arrival of the force at this fire, owing to the great headway attained by the flames before the alarm was sent, the fact that all the immates had retired for the night (the alarm having been received at 12.26 A. M.), and that the building unfortunately stood isolated, eight persons lost their lives, all, so far as could be ascertained, before the arrival of the companies, with the exception of one man who was rescued, and subsequently died in hospital.

Chief of Battalon Francis J. Reilly and Assistant

but for the prompt action taken by the lives.

Fireman 3d grade Gustave Fuhrman, of Hook and Ladder Company No. 6, on arriving with his company at the fire No. 82 Mulberry street, on May 6, rescued Maria Sullivan, who was hanging from the sill of a third-story window, by climbing from the railing of the stoop of the

adjoining house to the top of the show-window, from there drawing himself up by a projecting sign bracket to the fire escape, and standing upon its railing, held her until a ladder was raised by means

or acket to the fire-escape, and standing upon its railing, held her until a ladder was raised by means of which she was taken to the street.

Foreman John J. Eagan, of Engine Company No. 21, rescued an infant from the second story of the burning building No. 250 East Fortieth street, on May 27, under the following circumstances: Being informed by William F. McConnel, a citizen, on arrival at the building, that an infant was in danger, he bursted in the door of the room, aided by Mr. McConnel, and crept in on his hands and knees, and found the infant Henry Duncan, aged one and a half years, already slightly burned about the face, and brought it to the street, being himself slightly burned about the face and hands. At the same fire, Fireman 3d grade Edward J. Levy, of the same company, having been told that there was a woman on the third floor, groped his way to the point indicated, and finding no one, returned, being badly burned about the face and arms in the attempt.

Fireman 2d grade Dixon McQueen, of Engine Company No. 51 (fire steamer "Zophar Mills"), on June 5 rescued Ellsworth Barry, aged nineteen years, who was taken with cramps while bathing near the berth of the boat, from drowning.

Assistant Foreman Thomas J. Ahearn, of Hook and Ladder Company No. 11, at the fire w hich occurred on June 7 in the building No. 312 East Houston street, rescued Isidore Schnieben, aged five, from the second story, by climbing from the railing of the stoop to the fire-escape, and finding the boy, brought him safely to the street, the fire having cut off the means of escape by way of the stairs.

On the same date Assistant Foreman Ahearn and Fireman 2d grade Custave Fulnman of

On the same date Assistant Foreman Ahearn and Fireman 3d grade Gustave Fuhrman, of Hook and Ladder Company No. 6, on arriving at the fire in the building No. 49 Pitt street, rear, which had extended up the stairway to the fourth floor, were informed that two children, Joseph Geagur, aged two and a half, and Annie Geagur, aged five years, were asleep on the fourth floor, clinbed up the fire-escape in front and rescued both. Assistant Foreman Ahearn was badly burned about the hands.

Fireman 3d grade Luke Clayton, of Engine Company No. 18, at a fire which occurred on the night of September 3, in the building No. 236 West Nineteenth street, rescued William Reinmuth, who was cliniquing to the sill of a window of the fifth story, by hanging out of a window of the adjoining building, in which position a citizen held him by the legs, grasping Reinmuth and drawing him up in safety.

At the same fire, Fireman 1st grade Simon G. Murray, of Hook and Ladder Company No. 12, rescued Mrs. Carlyle and an unknown woman from the fourth story, by assisting them from the window to the ladder which rested four feet from the front of the building at that point; he also aided Mrs. Wallace from the third story, Mr. and Mrs. Harrigan from the fifth story, and Mrs. Spring from the second story, in making their escape.

In the second story, in making their escape.

Fireman 2d grade John R. Krowl, of Hook and Ladder Company No. 12, being at the con regular leave of absence, voluntarily reported for duty at the same fire, assisted his company in raising ladders and in rescuing the immates.

Fireman 1st grade Thomas F. Freel, of Engine Company No. 43 (fire steamer William F. remeyer), on September 4, rescued from drowning Robert E. Morrison, aged nine years, who struggling in the water near Pier 48, East river.

Fireman 2d grade Dixon McOnsen, of Engine Company No. 41 (fire degrees of Theory 1) (fire degrees of Thomas P. 1)

Fireman 2d grade Dixon McQueen, of Engine Company No. 51 (fire steamer Zophar Mills), rescued from drowning Leo Barbo, aged seven years, on October 3, near the pier foot of West Thirteenth street.

#### EXTRAORDINARY FIRE SERVICE.

Last winter was one of the severest in the experience of the Department, the number of fires the first three months aggregating 731; the serious character of the fires during this period is shown by the fact that the average estimated loss per fire was \$2,542.

The fire extinguishing force was taxed to its utmost during this period, the immediate effect being the increase of the list of sick and disabled to nine per centum of the entire strength of the force, while the number of deaths during the year (16), largely attributable to the excessive exposures and fatigues which the force was called upon to undergo, was much greater than during any previous year.

So faithfully and effectively was the emergency met by the uniformed force, that the Commissioners felt impelled to recognize the splendid conduct of its officers and men in the following commendatory circular:

NEW YORK, March 23, 1885.

#### (Circular No. 1.)

In a recent communication the Chief of Department invites attention to the unusual amount of duty the fire-extinguishing force was called upon to perform during the past three months, and that, notwithstanding the obstacles to the successful operations of the force, such as the extreme severity of the winter, the freezing of many hydrants, and the exposure and fatigue consequent upon the unprecedented number of alarms responded to, the service was promptly, cheerfully and efficiently rendered.

From the communication referred to, the following facts with reference to the alarms responded to, and duty performed at fires, etc., during the period referred to, are taken:

December, 1884—290 alarms, of which 8 were second, and 9 third alarms.

January, 1885—292 alarms, of which 6 were second, and 9 third alarms.

February, 1885—261 alarms, of which 12 were second, and 13 third alarms.

That the greatest number of fires occurred on the following days:

December 20, 1884	33
January 22, 1885	TX
Innuary 27, 188¢	16
February 21, 1885	16
That on twenty-six days, out of the ninety comprising the entire period, the daily ave	rage

number of fires was twelve; the general daily average for the whole three months being eight and a half.

and a half.

That the severe strain upon officers and men was made plainly evident by the increase of the sick list to nearly nine per centum of the entire force, necessitating large details from the upper to the lower sections of the city, to strengthen the companies thus weakened.

The Commissioners desire to place upon record their unqualified admiration and commendation of the excellent behavior of the uniformed force, under circumstances so trying and exhausting, and to congratulate them upon the success attending their efforts to preserve life and property.

Since March, both the number of fires and the amount of loss per fire have decreased (the latter in much greater ratio than the former), the average estimated loss for the remaining nine months being only \$1,104.76 per fire; and for the year the record stands 2,479 fires and \$1,528.55 average loss.

#### THE BENNETT AND STEPHENSON MEDALS.

THE BENEETT AND STEPHENSON MEDALS.

These medals for the year 1884, were presented on June 20, by the Mayor of the City, at Washington Square, in the presence of a large number of people, Admiral Lacombe and staff, of the French Navy, being conspictious among the many distinguished officials present; the recipients of the medals, Foreman John Binns, of Engine Company No. 23, to whom the Bennett medal had been awarded for meritorious services in 1884, the details of which were given in the report for that year, and Foreman David Connor, of Engine Company No. 23, who was adjudged to be the most deserving among the company commanders during 1884, and who was awarded the Stephenson medal. A detail of officers and men instructed and drilled in the use of scaling ladders, life lines, and other life saving appliances, gave an exhibition of their proficiency upon a building in the immediate vicinity, immediately after the presentation, and a review of a brigade of the unformed force by the Mayor followed, the exercises of the day being concluded by a street parade.

The spectators especially the French Naval officers, gave frequent expression to their satisfaction during the exercises.

#### LIFE SAVING CORPS AND SCHOOL OF INSTRUCTION.

The schools of instruction have now been in operation since 1882, and though instruction was made compulsory only upon applicants for appointment or promotion, a large number of the officers and men who were already in service at the time the system was introduced, have availed themselves of its benefits by volunteering for instruction, so that out of a total membership of nine hundred and twenty-seven, four hundred and forty-eight have passed through the school and received a certificate. certificate

Attention is invited to the number of instances recorded under the head of "Meritorious Services" in this report, in which the training in the use of scaling ladders and other life saving appliances in the school of instruction, was practically applied in the saving of life at fires.

The number of human lives lost and persons injured at fires and in connection with the opera-tions of the Department at, and in responding to alarms for fires, as nearly as could be ascertained, are shown by the subjoined table:

	1	CILLE	D.						Inju	RED.							GREG	
				F	ATALI	v.	SE	RIOUS	SLY.	51	1GHT	LY.	1	TOTA	L.	1	NJURE	D.
	At Fires.	Responding to Alarms.	Total.	At Fires.	Responding to Alarms.	Total.	At Fires,	Responding to Alarms,	Total.	At Fires.	Responding to Alarms.	Total.	At Fires,	Responding to Alerms.	Total.	At Fires.	Responding to Alarms.	Total.
Members of Department Others—Before arrival of Department " After arrival of Department	8	*	9	24		1 24	27 56 *3	16	43 56 3	113	55 3	168 21	141 98 3	71 3	212 101 4	143 106 4	71 4	211
Total	11	1	12	25		25	86	16	102	131	59	190	242	75	317	253	76	329

<sup>\*</sup> One a member of the Insurance Patrol.

#### Losses and Insurance

	JANUARY.	FEBRUARY,	MARCH.	APRIL.	May.	JUNE.	July.	August.	SEPTEMBER.	OCTOBER.	November.	DECEMBER.	YEAR.
Estimated loss—													"
On buildings and vessels	\$255,519 00	\$275,011 00	\$73,856 oc	\$47,818 00	\$82,680 00	\$37,413 00	\$35,146 00	\$43,184 00	\$64,528 00	\$19,391 00	\$46,869 oo	\$17.938 00	\$999,353 00
On contents	308,112 co	586,272 00	359,395 ∞	326,872 00	201,693 00	335,529 00	164,428 00	109,856 00	138,942 00	42,765 00	128,642 00	87,424 00	2,789,930 00
Total	\$563,631 00	\$861,283 co	\$433,251 00	\$374,630 00	\$284,373 00	\$372,942 00	\$199,574 00	\$153,040 00	\$203,470 00	\$62,156 00	\$175,511 00	\$105,362 00	\$3,789,283 00
Estimated insurance—													
On buildings and vessels	\$1,871,700 00	\$1,672,450 00	\$1,320,400 00	\$1,306,738 00	\$1,011,700 00	\$1,140,450 00	\$1,239,600 00	\$947,300 00	\$980,550 00	\$682,700 00	\$964,300 00	\$1,530,950 00	\$14,668,838 00
On contents	2,267,946 00	1,901,450 00	1,110,095 00	1,667,050 00	847,825 ∞	3,855,676 00	1,414,075 00	393,700 00	639,185 00	546,175 00	1,394,725 00	666,300 00	16,704,202 00
Total	\$4,139,646 00	\$3,573,900 00	\$2,430,495 00	\$2,973,788 00	\$1,859,525 00	\$4,996,126 00	\$2,653,675 00	\$1,341,000 00	\$1,619,735 00	\$1,228,875 00	\$2,359,025 00	\$2,197,250 00	\$31,373,040 00
Estimated uninsured loss—													
On buildings and vessels	8497 00	\$1,841 00	\$826 00	\$1,236 00	\$1,370 00	\$506 oo	\$794 00	\$1,415 00	\$656 ∞	\$1,152 00	\$1,066 00	\$357 00	\$11,716 00
On contents	4,022 00	8,016 00	72,618 00	. 4,881 oo	135,049 ∞	3,550 00	11,161 00	3,554 ∞	3,405 00	2,555 00	6,570 00	1,999 ∞	257,380 00
Total	\$4,519 00	\$9,857 00	\$73,444 <sup>00</sup>	\$6,117 ∞	\$136,419 00	\$4,056 00	\$11,955 ∞	\$4,969 00	\$4,061 00	\$3,707 00	\$7,636 ∞	\$2,356 00	\$269,096 00
Average loss per fire	\$2,151 26	\$3,634 11	\$1,867 46	\$1,523 x3	\$1,400 85	\$1,812 20	\$898 98	\$1,159 39	\$1,263 79	\$38x 35	\$948 71	\$431 81	\$1,528 55

	JANUARY.	FEB.	MARCH.	APRIL.	MAY.	June.	July.	August.	SEPT.	Oct.	Nov.	DEC.	YEAR.	PERCENTAGE TO WHOLE NUMBER OF FIRES.	Loss less than—
ominal or less than \$10	64	57	58	71	73	62	76	35	45	60	59	88	748	.30	\$10 at 748 fires
etween sto and 50	55	43	49	63	51	49	58	40	50	36	41	63	598	.24	50 at 1,346 "
" 50 " Ico	3x	19	25	19	16	11	21	14	14	14	14	22	220	.09	100 at 1,566 "
" 100 " 1,000	68	64	67	49	47	46	48	27	32	41	50	57	596	.24	1,000 at 2,162 "
" 1,000 " 5,000	26	33	22	32	10	16	11	12	10	9	13	9	203	.08	5,000 at 2,365 "
" 5,000 " 10,000	. 8	8	2	3	3	3	2	2	4	2	3	1	41		10,000 at 2,406 "
" 10,000 " 20,000	5	6	4	4	r	2	3		2	1	1	4	33		20,000 at 2,439 "
" 20,000 " 30,000	1	3	2	3	i	2		1	2		3		18	1	30,000 at 2,457 "
" 30,000 " 40,000	. 1	1	1	1			2		2		1		9		40,000 at 2,466 "
" 40,000 ." 50,000	. 2					44	1	5.					3	1	50,000 at 2,469 "
" 70,000 " 80,000			1										1	1	80,000 at 2,470 "
" 80,000 " g0,000		ir						r				44	i		90,000 at 2,471 "
" 90,000 " 100,000		44		1				- 15	***	- 34			1		100,000 at 2,472 "
" 100,000 " 125,000		1	**						12	- 14			1		125,000 at 2,473 "
" 125,000 " 150,000				**			**						1		150,000 at 2,474 "
" 150,000 " 200,000			1		r			100		***			2		200,000 at 2,476 "
" 200,000 " 250,000	. 1					1		**	**		14	44.	2		250,000 at 2,478 "
" 250,000 " 300,000		1										**	1		300,000 at 2,479 "
	262	237	232	246	203	192	222	132	161	163	185	244	2,479		-

Strength of Uniformed Force, Number of Fires, with Losses, Population, Number of Buildings, etc., from 1866 to 1886.

YEAR,	Unii	No. of Officers ond Men.	Number of Fires.	Loss by Fire.	Average Loss per Fire,	Population, Census Years.	Number of Inhabit- ants to each Fire- man.	Number of Inhabit- ants to each Fire.	Amount of Loss to each Inhabitant.	Number of Buildings.	Number of Build- ings to each Fire.	Year.	Uni	Officers and Men.	Number of Fires.	Loss by Fire.	Average Loss per Fire.	Population, Census Years.	Number of Inhabit- ants to each Fire- man.	Number of Inhabit- ants to each Fire.	Amount of Loss to each Inhabitant.	Number of Buildings.	Number of Build- ings to each Fire.
1866	54	*964	796	\$6,428,000 00	\$8,075 38	‡ <sub>7</sub> 69,533	798	967	\$8 35	\$64,000	80	1877	65	752	1,450	\$3,210,695 00	\$2,214 27						
1867	54	*919	873	5,711,000 00	6,541 81	*******	,					1878	65	727	1,654	1,884,505 00	1,139 36				*****		
1868	52	592	740	4,342,000 00	5.867 57							1879	64	729	1,551	5,671,580 00	3,656 72	********					
1869	52	599	850	2,696,393 00	3,172 23							1880	65	748	1,783	3,183,440 00	1,785 44	1,206,299	1,613	676	\$2 64		
1870	52	596	964	2,120,212 00	2,199 39	942,292	1,581	977	2 25			1881	66	769	1,785	5,820,259 00	3,260 55						
1871	52	596	1,258	2,127,356 00	1,691 06							1882	67	826	2,001	4,195,960 00	2,096 43			****		1102,624	51
1872	52	596	1,649	2,891,818 00	1,753 67							1883	68	895	2,169	3,512,848 00	1,619 37					roz,735	47
1873	54	65r	1,470	4,022,640 00	2,736 48							1884	70	919	2,406	3,474,547 00	1,444 12						
1874	64	1712	1,355	1,430,306 00	1,055 58							1885	71	927	2,479	3,789,283 00	1,528 55	*******				1104,250	42
1875	67	748	1,418	2,472,536 00	1,743 67	1,041,286	1,392	734	2 37	84,200	59			-		-			-	-	-		-
1876	68	747	1,382	3,851,213 00	2,786 70			****				Total,	o ye	ars	30,033	\$72,836.591 00	\$2,425 22						••

<sup>\*</sup> Includes about 400 volunteer firemen.
† Annexation of territory north and east of Harlem river.
‡ Estimate based on census of 1865.

§ Estimate based on report of Superintendent of Buildings, fourth quarter, 1875, and exclusive of sheds, bridges and piers.

# Exclusive of sheds, bridges and piers.

#### Origin and Cause of Fires for the Year.

				CAUSE							PRE	MISE	s Wi	HERE	IN F	TRE	ORIG	INATI	ED O	CCUP	TED AS-	-
Origin.	Accidental,	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educa-	Lumber, Coal and Wood Yards.		Miscellaneous.	Total.	Aggregate Loss to Structures and Contents.
In Heating.																						
Beams built into chimneys and fire-places			20	**		**	**	20	19			1	**	**		**				**	30	\$3,065 oc
Chimneys, fire-places, flues, grates, etc			40				**	40	33	2	3	**	2		**	**	**	**	**		40	19,020 0
Foul chimneys		183		**			**	183	171	6	5	**	1		**	**					183	633 o
Gas-stove igniting woodwork		1		19.5			••	1		**		•••	1								1	35 0
Kerosone-oil used in lighting fires		2						2	2			**	**		••						2	177 0
Kerosene-oil stove taking fire		1				**		1					***	**				**		1	1	45 0
Matches, tapers, etc., used in starting fires, igniting merchandize, etc		1						1	1					**	••		**				1	45 O
Soot in chimney flues and fire-places igniting woodwork		36					**	36	25	5	3		2		••					1	36	5,060 00
Sparks from stoves, chimneys, stove-pipes, etc., igniting woodwork, clothing, etc.	25	24		**			2.	49	34	4	6				3			1		1	49	5.957 O
Steam-pipes igniting floor beams, woodwork, etc	1	4						5	2	2	1				**						5	36,346 0
Stoves, boilers, furnaces, stove and heater pipes igniting bedding, clothing, woodwork, etc.	18	141						159	99	30	13	1	3		1	1	4		2	5	159	162,020 0
Stoves, furnaces, and grates, hot coals falling from	2	14					**	16	12		2	I	1								16	4,436 0
Stoves upsetting	5	1					**	6	2	2		**			**					2	6	460 0
Water-back of range bursting	2	**						2	2												2	850 0
Total number of fires	54	407	Éo			**		521	402	51	33	3	10		4	1	4	1	2	10	521	
Total loss.	\$36,764	\$179,300	\$22,085													1						\$238,149 0

				CAUSE					1		Ppr	Mich	w.	(Kps.	N F	RF C	RICE	NATE	n O	CIR	IED AS-	
	-	1	l d	CAUSE	· 	1			-	1 8		1	1 16	IEREI	N FI				1	CUPI	ED AS-	
Origin.	Accidental.	Carelessness.	Defective Buildings and Construction	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops	Offices,	Restaurants and Saloons	Store-houses.	Stables.	Places of Amusement and Recreation	Religious and Educa- tional Institutions	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.	Aggregate Loss to Structures and Contents
In Hiuminating.																						
Electric-lights, sparks from		2				- 44		9			3	4	1	••		1			**		9	\$285 c
Gas-meter, explosion of		**	23	**	"	**	"	1	1		**			**							1	2,100 0
Gas escaping and igniting.  Gas-lights, candles, lamps, etc., igniting merchandise in stores, show-windows.		37	***		**	**	**	44	20	11	6		4		1	3	2			4	203	46,725 0
and bedding, straw, woodwork, rubbish, etc.  Lamps, kerosene-oil, breaking.		194			2		**	203	130	49	14										203	2,807 0
Lamps, kerosene-oil, exploding		744	1.			**		181	149	16	10		1		1	1			3		181	56,067
Lamps, kerosene-oil, falling	. 9	22	**				**	31	28		2		1							,.	31	10,575 0
Lamps, kerosene-oil, upsetting	. 10	38	**		20	**	**	48	36	4	6		**	23	1					1	48	7,849 0
Lamps, kerosene-oil, taking fire		1		**	12		**	4	3	1				**							4	115 0
Lamps, gasoline, taking fire		127	**	**		**		127	76	18	19	4	4		4	1				1	127	215,276 0
statenes, agricu tapus, etc., ignuing conting, mounts, it doesn, etc.	-				-	-			-	-	-	-	_	_						-	-	
Total number of fires	. 94	577	**	**	2	44	**	673	462	104	61	8	12		8	7	2	**	3	6	673	
Total loss.	\$18,658	\$498,227				20	**		.,													\$516,885 0
In Manufacturing and Other Business.																						
Alcohol, tar, gum, oils, paints, varnish, etc., igniting on stoves, furnaces, over gas-lights, etc.	22	29	**	1				52	3	4	31		7	**	1	1				5	52	\$44,799 0
gas-lights, etc.  Alcohol and kerosene lamp, explosion of	. 1	1				**	**	2	2										.,		2	12 0
Charcoal fire igniting woodwork		1		***			***	1	1		44		46						**		1	
Chlorate of soda, keg of, exploding	4	-14				111		1	**	1	4.6	**									1	1,300 0
Chimney flues, etc., heat from igniting woodwork		14	5	***		**		5	1		3	**	**	**	**	**	**	**	**	1	5	350 0
Cotton, jnte, etc., ignited		7		**		33		4			5	**	2	1		**	**		2	1	7	4,050 0
Friction of machinery								7			7										7	100,705 0
Gas-stoves, gas-lights, igniting woodwork, paper, merchandise, etc		2		**				4	.,		2		2								4	20,260 0
Hams, meats, etc., in ovens and smoke-houses, igniting	4	2	**	94		**	**	6			6							+4			6	1,047 0
Hot metals igniting woodwork, merchandise, etc		3	***	***		**	**	3		**	3		44			**	22			**	3	4,795 0
Kerosene-oil stoves bursting, taking fire, etc	1	**		100		44.	**	3			3		**			**	**				3	920 0
Lamp, alcohol, taking fire and igniting woodwork.		···	**	**		**	**	1	**	1	**		**				**			3	4	5,225 00
Naphtha and benzine vapor igniting	1	1		**			**	6		2	4		**								6	1,825 00
-Phosphorus igniting.		4						4		2	2		**								4	5 0
Sulphur igniting in handling	240	2	**	**			**	2		1	1										2	75 O
Soot in stove-pipes and fire-places		2	1.01	44	**		***	2		1	***		1				**	**			2	5 0
Sparks from chimneys, forges, furnaces, engines, steamships, locomotives, etc., 1		1		***		***	185	1		**	**	**	**	**		1			**		1	******
igniting roofs, shavings, woodwork, etc	73	26		***		***		99	12	12	51	**	:	1	1		**	3	2	16	99	28.280 0
Spontaneous combustion of oily rags, etc	5	42						47	2	5	37			1						2	47	385,217 0
Spontaneous combustion of dyed silk		**						1			1										1	33,250 0
Stoves, boilers, furnaces, ovens, etc., igniting merchandise, shavings, etc	13	46		**	4.	**	144	59	7	**	44		4					1	2	1	59	117,142 00
Stoves, furnaces, etc., upsetting, hot coals falling from		6	**	- 12	**	**	**	10	1		7	**	1			**			100	1	10	19,275 0
Saltpetre, igniting of			2.	25	**	- **		1		1		**	4.0	**	••	**	**	**	**	**	1	75 0
Vitriol, acids, spirits, etc., carboys of, breaking, or vapor igniting		1	**		**			5	1	3	1										5	15,040 00
Workmen burning rubbish		1					**	1												1	1	25 00
Maria de Companya	-		-		-		-	-		-		_	_	-							-	
Total number of fires	-55	187	5	1	-	**		346	32	33	213	-	18	3	-	3	**	5	6	31	346	\$893,084 00
***************************************	\$304,351	\$508,373	\$350	\$10			**							-		=		=				\$693,004 00
Miscellaneous,																						
Boafires				26				26	3					1	1			1		19	26	\$452 00
Cigars, pipes, etc., smoking of		259						259	72	65	72	5	9	1	21	22.			1	13	259	390,514 00
Defective flues and chimneys	1 20		7	439		44	**	7	6			20	1	22		**				•••	7	1,185 00
Fat, glue, varnish, etc., taking fire on stoves, etc	1	6				44	- 31	10	9		x		**			**	**				10	30 00
Fireworks, rockets, etc	1	28	**	7		**	**	36	17	7	7	**		**	2	**				3	36	2,890 00
Foul chimneys.	1 25	20		1		**	**	29	9	3											29	4,272 O
Gunpowder igniting and setting fire to building		.,						1 1												1	1	5 00
Gas-stoves taking fire	1							2		2											2	555 oc
Hot ashes igniting woodwork	1 22	26	-44-				,	26	10	4	7	**	2	1		1	**			1	26	15,434 00
Hot metals igniting shavings		2	**	**		**	**	2	1	1				**	**	**					2	8,425 oc
Kerosene-oil stoves exploding				**			**	16	15												16	\$3,402 0
Kerosene-oil stoves taking fire.	1							12	10				1								12	293 0
Kerosene-oil stoves upsetting.		+						7	7												7	75 0
Lightning igniting buildings, lumber, etc				**				1								**		1			1	250 0
Lime, slaking of			**	••		**		1	1			***									1	
Matches, children playing with	107			92		**	**	92	87	2					2	**					92	9,724 0
Matches igniting awnings, straw, rubbish, woodwork, etc	1	170		5	8	18	5	213	119	43	23	2	5		12					6	213	157,015 00
	1							2	2						.,						,	252 O
Meat in oven taking fire		1	**	**	1.	0.0		1	1	1000	1000								1	100		-5

				CAUSE							PRI	EMISE	s W	HERE	IN F	IRE C	Origi	NATE	D O	CCUPI	ED AS-	-
Origin.	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments,	Manufactories and Workshops.	Оffices.	Restaurants and Saloons.	Store-houses.	Stables,	Places of Amusement and Recreation.	Religious and Educa- tional Institutions,	Lumber, Coal and Wood Yards,	Vessels.	Miscel'aneous.	Total.	Aggregate Loss to Structures and Contents
Phosphorus igniting.		2						2			1								-	-	2	\$15 oc
Rekindling of previous fire					**		8	8	1	1	5									T	8	
Rubbish, etc., igniting	2	11		1			2	16	5	2	1									8	16	505 00
Set on fire by an insane person.					1			1	1				,.								1	30 00
Soot ignited in fire-places and flues		2		44				2	I		1										2	75 00
Sparks from chimneys, stoves, etc	6	3						9	4		1		1				2				9	435 00
Sparks from previous fire	3							3	r		1						1				3	175 O
Spontaneous combustion of oily rubbish, etc		83						12	6	3	1		1		1						12	3,455 O
Stoves upsetting.								ı	1												1	70 0
Stoves, stove-pipes, etc., heat from igniting woodwork, etc		12						12	10	1	1										12	1,264 0
Sulphur igniting clothing		1						1	1												ī	3,200 0
Thawing out water-pipes with candles, lamps, lighted papers, etc		19						19	13	3	3										19	3,415 O
Tramps building fires in woods, unoccupied houses, etc		1				4.5		1							r						ī	1,200 0
Total number of fires	74	592	7	133	9	19	105	939	469	163	158	10	22	5	42	2	6	3	2	57	939	
Total loss	\$11,947	\$532,441	\$1,185	\$13,116	\$564	\$44,044	\$1,537,868		**	**						**					.,	\$2,141,165 0
Recapitulation.	-				=			=	-	=	=	=	=	=			-	=	-			
(Number of fires	54	407	60					521	402	51	33	3	10		4	1	4	1	2	10	521	******
In Heating	\$36,764	\$179,300	\$22,085																			\$238,149 00
(Number of fires	94	577			2			673	462	104	6r	8	12		8	7	2		3	6	673	
In Illuminating	\$18,658	\$498,227		4.4																		516,885 0
( Number of fires	153	187	5	1			1	346	32	33	213		18	3	2	3		5	6	31	346	
In Manufacturing, etc	0.00	\$508,373	\$350	\$10																		893,084 0
(Number of fires	74	592	7	133	9	19	105	939	469	163	158	10	22	5	42	2	6	3	2	57	939	******
In Miscellaneous		\$532,441	\$1,185	\$13,116	\$564		\$1,537,868															2,141,165 0
(Number of fires	375	1,763	72	134	11	19	105	2,479	1,365	251	465	21	62	8	56	13	12	9	13	104	2,479	
Aggregate	\$451,720	\$1,718,341	\$23,620	\$13,126	\$564	\$44,014	\$1,537,868															\$3,789,283 0

#### Origin (Consolidated) and Cause of Fires, by Months, for the Year,

				CAT	JSE.							PREMISE	s When	REIN FIR	RE ORIG	INATED	OCCUPIE	ED AS-				nts.
ORIGIN, BY MONTHS.	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total,	Dwellings,	Mercantile Establishments.	Manufactories and Workshops,	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.	Aggregate Loss to Structures and Conter
In Heating.										,												
January	6	73	10		**	**		89	59	13	10		3	***			2		.42	2	89	\$35,212 00
February	2	57	7				**	66	48	7	7	1					1		1	1	66	100,505 00
March	5	49	8					62	43	8	3	2	2		2	4.4				2	62	10,025 00
April	2	52	7	44				61	52	4	1	**	2							2	61	16,853 00
May	5	50	7	44.				62	58	1	2				1						62	6,182 00
June	5	27	3					35	31	2				**	**			1	r		35	3,750 00
July		**																				
August																				11		
September					44.									44								
October	3	23	3					29	21	1	4		1					٠٠,		2	29	2,550 00
November	7	26	8				**	41	33	2	2		2		1	1				**	41	37,863 oc
December	19	50	7	**				76	57	13	4		**				t			1	76	25,209 00
Total	54	407	60					521	402	51	33	3	10		4	1	4	t	2	10	521	\$238,149 00
In Illuminating.												=										
January	9	58						67	50	6	8	1	1				4.			1	67	\$93,729 00
February	3	56						59	35	11	5	2	2		2					2	59	171,567 00
March	3	47						50	32	9	7				433	1			1		50	32,163 00
April	5	59						64	43	9	8		1		1	1	1				64	109,865 00
May	3	47						50	34	7	3		1						1	3	50	13,670 00
June	2	53						55	40	8	4	2		44			1				55	31,356 00
July	2	50						52	34	12	1		1		2	1					52	5,243 00
August	3	33						36	26	5	3	1	1								36	9,913 00
September	4	43						47	37	5	2					3					47	12,371 00
October	19	35			t			55	31	10	11		2			1					55	9,915 ∞
November	21	34			1			56	38	10	5		1		r						56	13,631 00
December	20	62						82	62	12	4		2	••	2		•••				82	13,462 00
Total	94	577			2			673	462	104	61	8	12		8	7	2		3	6	673	\$516,885 00

				CAI	USE.							PREMIS	es Whe	REIN FI	RE ORIG	GINATED	Оссир	ED AS-				nts.
ORIGIN, BY MONTHS.	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.	Aggregate Loss to Structures and Conten
In Manufacturing and other Business.																						
January	4	17						21	**	1	17			1			***		**	2	21	\$83,444
February	11	17						28	3	1	19		1			1			1	2	28	39,453 0
March	5	23				**		28	3	1	16		3	1		**	**		1	3	28	275,991
April,		19	**	1		**		31	3	5	16		**	**	1			1	1	4	31	46,952
May	8	15	1					24	2	3	18		2	**				**			24	11,516 0
June	10	14	1			***		25	1	3	20									1	25	37,173 0
July		21		44.				32	5	3	18		r	1			**			4	32	78,799 0
August	14	18						32	3	5	20		1	**		1			1	1	32	97,308 0
September	18	11	1					30	3	5	17	***	1					1	1	2	30	87,992 0
October	22	9		**			**	31	3	2	18		3		1					4	31	24,972
November	17	17				***		34	2	4	19		5			1		1		2	34	74,795 0
December	22	6	2	**		**	**	30	4	1	15			**				2	1	6	30	34,689 0
Total	153	187	5	1	,,	40		346	32	33	213		18	3	2	3		5	6	31	346	\$893,084 0
Miscellaneous.																						
January	1	55	**	15	3		11	85	38	13	17	2	3	***	5	1	1		2	4	85	\$351,246 0
February	4	57	**	7	1	3	12	84	38	20	15	1	1		3	1	2	**		3	84	549.758 0
March	3	63	**	8	1	4	13	92	48	15	15		1		4	**	2			7	92	115,072 0
April	2	60	**	10		2	16	90	28	13	30	**	2		4		9.6		••	13	90	201,020 0
May	6	34	- 11	14		1	12	67	38	9	9		2		4	**			**	5	67	253,005 0
June	8	48		12	4.	**	9	77	36	17	12			2	4	44		1	***	5	77	300,663 0
July	21	89	1	21		1	5	138	84	19	12	3	6	1	4				**	9	138	115,532 0
August	10	39	4	3	2	2	4	64	33	14	8	2	2	**	2		1		**	2	64	45,819 o
September	13	54	2	5		3	7	84	54	7	12	1	2	***	4				1	3	84	103,107 0
October	1	31	**	10	1	1	4	48	25	9	9	**	2		2	**				1	48	24,719 0
November	3	27	**	13	1	2	8	54	21	13	12	1	1		2			1		3	54	49.222 0
December	2	35		15			4	56	26	14	7			2	4		••	1	**	2	56	32,002 0
Total	74	592	7	133	9	19	105	939	469	163	158	10	22	5	42	2	6	3	2	57	939	\$2,141,165
Recapitulation.																						
In Heating	54	407	60			**	**	521	402	51	33	3	10		4	1	4	1	2	10	521	\$238,149 0
In Illuminating	94	577			2	**		673	462	104	6r	8	12		8	7	2		3	6	673	516,885 0
In Manufacturing and other Business	153	187	5	1				346	32	33	213		18	3	2	3	**	5	6	31	346	893,084 0
Miscellaneous	74	592	7	133	9	19	105	939	469	163	158	10	22	5	42	2	6	3	2	57	939	2,141,165 0
Total	375	1,763	72	134	ii	19	105	2,479	1,365	351	465	21	62	8	56	13	12	9	13	104	2,479	\$3,789,283 0

#### ORIGIN OF FIRES BY DISTRICTS AND MONTHS.

First District-Part of City lying south of Chambers Street.

		In He	ATING.		I:	ILLUM	INATIN	G.	In M.	THER !	BUSINE	G AND	2	IISCELI	ANEOU	s.	N	UMBER	of Fig	ES.		Loss.	
Монтны.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January		2	-	2		_		4		6		6	1	7	1	9	1	10	1	21	\$7,892 00	\$33,619 00	\$41,511 0
February		3		3		2		2				1	1	13	1	15	1	19	1	21	31,895 00	215,691 00	247,586
March		1		1						8	1	0		3		3		12	1	13	3,580 00	20,250 00	23,830
April		3		3		3		3		6		6	1	11		12	1	23		24	.21,430 00	109,638 00	131,068 0
May				1		2		3		2		2	1	5	1	7	2	9	2	13	1,650 00	3,505 ∞	5,155 0
June					1	1		4		4		1		5		5	1	12		13	7,075 00	22,214 00	29,289
July		1			1	1		2		2		2	1	9		10	2	12		14	14,570 00	80,196 00	94,766
August						1				3		3	1	6		7		10		11	735 00	1,630 00	2,365
September			"		**	1		1		3	1	1	1	3		3		7	1	8	4.745 00	23,530 00	28,275
October			**	"						10	1	111		4		4	3	18		22	3,370 00	9,270 00	12,640
November		1		2	1	6	***	5	"	8		8		6		6	1	21		25	7,640 00	52,994 00	60,634
December		2		2	3	4		9	1	4		5	2	2		4	3	12		15	1,495 ∞	2,775 ∞	4,270 0
Total	4	12		16	6	31	-	38	-	57	3	61	8	74	3	85	19	174	7	200	\$106,077 00	\$575,312 00	\$681,389

Number of buildings in district-

Total ..... 4,817

Second District-Part of City Iving be

		In He	ATING.		I:	ILLUM	MINATIN	G.	In M	IANUFA THER	CTURIN BUSINE	G AND	- 3	MISCELI	LANEOU	s.	Nu	MBER	of Fig	ES.		Loss.	
Months.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total,	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
fanuary	2	2		4	2	3		5				,.,	1	1	2	4	5	6	2	13	\$200,595 00	\$4,880 00	4
February	1	2		3	ī	2		3			1	1					2	4		7	4,850 00	18,825 00	\$205,475 00
March				r	1	2		3						3	1			6		8	2,050 00	4,235 00	23,675 00
April	5			5	1			1			1			2		2	6	2		9	245 00		6,285 00
May	3			3	1	3	.,			2		2	1	1	2		5	6	2			3,050 co	3,295 00
une	3			3	3	2		5	19	2		2	2	2	1		8	6		13	405 00	125 00	530 00
uly					1	1		2	**	1	1130					4	6	0	**	14	2,365 00	226,060 00	228,425 0
August								1391		2	1	3	5	2		7		5	1	12	3,733 00	16,825 00	20,558 0
September				1000		173		**	**	3	1	4	1	2		3	1	5	1	7	2,250 00	28,568 00	30,818 0
October		1	March V		"	1		1		2	1	3	2	1	2	5	2	4	3	9	2,575 00	4,780 00	7,355 0
November				3	2	**	**	2		I	**	1	2		**	2	6	2		8	360 00	485 00	845 0
Control of the Contro		3		3	1	2	••	3	**	I		1	**	2	2	4	z	8	2	11	690 00	2,064 00	2,754 0
December	2		••	2	4	1		5	1	2	**	3		5		5	7	8		15	730 00	1,505 00	2,235 0
Total	18	9		27	17	17		34	1	15	5	21	14	21	9	44	50	62	14	126	\$220,848 00	\$311,402 00	\$532,250 0

Dwellings..... 2,518 

Total..... 3,420

Number of fires in dwellings..... 50 | Number of fires in business buildings...... 62

Number of dwellings to each fire..... 50 Number of business places to each fire...... 15

## Third District-Part of City lying between Chambers and Houston Streets, West Broadway and South Fifth Avenue, and Crosby, Elm and Centre Streets.

		In HE	ATING.		IN	ILLUN	IINATIN	G.	In M	ANUFAC	BUSINES	AND	Ŋ	IISCELL	ANEOU	s.	Nu	MBER	of Fir	ES.		Loss.	
Months.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business,	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January	ı	7		8		4		4		1		r	1	6		7	2	18		20	\$7,848 00	\$163,720 00	\$171,568 ox
February		1		1		2	24	2		2		2	45	5		5		10	12	10	142,603 00	181,025 00	323,628 oc
March	1	2		3	r	2		3	10	2		2		6		6	2	12		14	9,060 00	109,495 00	118,555 oc
April	1	ī		2		1		T		t	1	2		4	I	5	1	7	2	10	2,750 00	105,852 00	108,602 00
May		1		1						1		1		3		3		5		5	550 00	12,585 00	13,135 00
June			**			2		2					1	5		6	1	7		8	6,335 00	24,430 00	30,765 00
July	**	**	++	44	1			ı		3		3		2		2	r	5		6	5,350 00	33,870 00	39,220 00
August			***			1		1		2		2		I	40	1		4		4	350 00	1,310 00	1,660 00
September		**			,,	I	146	1		2		2	1	3		4	1	6		7	2,625 00	26,812 00	29,437 00
October						2		2					1	I		2	1	3		4	5 00	10 00	15 00
November						3		3		2		2		3		3		8		8	1,920 00	30,505 00	32,425 00
December	1	2		3	44.	r	**	r		**	**	**	**	6	**	6	1	9		10	1,605 00	30,600 00	32,205 00
Total	4	14		18	2	19		21		16	1	17	4	45	1	50	10	94	2	106	\$181,001 00	\$720,214 00	\$901,215 00

Number of buildings in district-

#### Fourth District-Part of City lying between Chambers and Houston Streets, east of Crosby, Elm and Centre Streets.

		In HE	ATING.		In	TLLUM	IINATIN	iG.	In M.	THER	BUSINE	S AND	N	IISCELL	ANEOU	s.	N	UMBER	of Fir	ES.		Loss.	
MONTHS.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January	8	5		13	22	r		23		3		3	11	7	1	19	41	16	1	58	\$6,917 00	\$13,225 00	\$20,142
February	7	2		9	10	3		13		2	r	3	12	8		20	29	15	1	45	6,887 00	21,897 00	28,784 0
March	7	3		10	13	3	1	17		2		2	14	4	1	19	34	12	2	48	4,560 ∞	20,243 00	24,803
April	8			8	14	3		17	1	5		6	7	9		16	30	17		47	4,070 co	14,935 00	19,005
May	14	2		16	8	1	2	11		7		7	10	5		15	32	15	2	49	61,720 00	136,490 00	198,210
June	8			8	11	1		12		3		3	5	6		tt	24	10		34	3,305 00	6,625 00	9,930
July		**			14			14	1	3		4	20	10	3	33	35	13	3	51	3,626 00	6,782 00	10,408
August					10	2		12		8		8	11	8		19	21	18		39	3,302 00	10,816 00	14,118
September					13			13		5		5	9	9		18	22	14		36	19,730 00	27,330 00	47,060
October	5	2	1	8	8	4		12	2	1		3	7	9		16	22	16	1	39	2,370 co	11,786 00	14,156
November	3	1		4	11	2		13		4		4	8	3		11	22	10		32	1,185 00	2,569 00	3,754
December	7	2		9	13	1		14	1	4		5	4	3		7	25	10		35	4,770 00	37,174 00	41,944
Total	67	17	r	85	147	21	3	171	5	47	-	53	118	81	5	204	337	166	10	513	\$122,442 00	\$309,872 00	\$432,314

Number of buildings in district-	
Dwellings	9,994
Business	2,598
Total	12.502

Number of fires in dwellings	337
Number of fires in business buildings	166
	-
Total fires in buildings	503

Number of dwellings to each fire	30	
Number of business places to each fire	16	
-	_	
Number of buildings to each fire	25	

#### Fifth District-Part of City Juing hetmeen Houston and Truenty third Str

		In H	EATING		1	n Illu	MINATE	NG.	Is M	ANUFA	CTURIN BUSINES	G AND	3	MISCEL	LANEOU	us.	N	UMBER	of Fi	RES.		Loss,	
Months.	Dwellings.	Business.	Other Places,	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January,	17	6		23	7	2	1	10		7		7	8	9	.,,	17	32	24	1	57	\$15,655 00	\$64,616 00	\$80,271 0
February	11	- 3	1	13	8	7	2	17	11	6	T	7	9	6		15	28	20	4	52	15.440 00	23,899 00	39,339 0
March	9	5	140	14	7	3		10		5	**	5	11	13		24	27	26		53	49,732 00	195,921 00	245,653 0
April	12	1		13	12	8		20	7.	5	**	5	6	10	2	18	30	24	2	56	7,330 00	15,719 00	23,049 0
May	7	1	**	8	12	2	100	14		7		7	9	3	1	13	28	13	1	42	11,145 00	40,273 00	51,418 0
June	7	2	1	10	9	2	44	11	1	5		6	7	8	2	17	24	17	3	44	4,538 00	27,259 00	31,807 0
July	2.5			**	8	6		14	1	5		6	22	7		29	31	18		49	3.186 co	3,535 00	6,721 0
August	44	46	10.		3	4		7	1	6		7	9	6	1	16	13	16		30	2,972 00	12,895 00	15,867 0
September	44	34	**		9	4		13	1	5		6	15	7	1	23	25	16	1	42	12,337 00	26,479 00	38,816 0
October	5	2	200	7	6	5		11	**	4		4	5	4	**	9	16	15		31	9,100 00	14,358 00	23,458 0
November,	8	22	14	8	11	4.0	1.00	11	1	7		8	1	9		10	21	16	èe.	37	22,625 00	15,036 00	37,661 0
December	9	1	I	11	10	2	44	12	1	3.		4	4	4		8	24	10	1	35	1,535 00	3,382 00	4,917 0
Total	85	10	3	107	102	45	3	150	6	65	1	72	106	86	7	199	299	215	14	528	\$155,595 00	\$443.382 00	\$598,977 o

Number of buildings in district—	
Dwellings 15,986	
Basiness	
Total 19 829	

Number of fire	s in	dwellings	299
Number of fire	s in	business buildings	215

Number of dwellings to each fire	. 24
Number of business places to each fire	. 18
	-

#### 

#### Sixth District-Part of City lying between Twenty-third and Fifty-ninth Streets.

		In H	EATING		L	IN ILLUMINATING.				In Manufacturing and Other Business.					LANEO	vs.	N	UMBER	or Fr	RES.	Lois		
Months,	Dwellings.	Basiness	Other Place.	Total.	Dwellings	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business,	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Baildings.	Contents.	Total.
January	18	6	12	24	14			14		1	.,	1	10	6	**	16	42	13		55	\$12,580 00	\$24,846 ∞	\$37,426 o
February	22	5	1	28	10	2	10	12	r	9		10	7	5	1	15	40	21	2	63	69,210 00	120,257 90	189,467 0
March	14	4	ī	19	7	4	4.5	11	2	r	14	3	11	3	1	15	34	12	2	48	2,671 00	4,691 00	7,362 0
April	16	2	**	18	9	1		10		3	1	4	7	6		13	32	12	1	45	5,101 00	49,776 oc	54,877 0
May	17			17	10	2	1	13		3	14	3	12	6		18	39	11	1	51	4,760 00	7,315 00	12,075 00
June	6			6	12	4	**	16		5		5	14	6	1	21	32	15	1	48	10,100 00	25,275 00	35,474 O
July	44	**		900	7	8		15	1	5	1	7	15	6	2	23	23	19	3	45	1,365 00	2,224 00	3,589 oc
August	140	44	iki	++	7	2		9	ı	1	1	3	5	5	1	11	13	8	2	23	480 00	1,070 00	1,550 00
September	22	86		14	10	2	160	12	2	5		7	14			14	26	7		33	2,601 00	3,007 00	5,608 oc
October	5	1		6	10	7	**	17	1	4	2	7	6	1	1	8	22	13	3	38	667 00	1,075 00	1,742 00
November	15	2	**	17	5	4	**	9	1	4		5	7	5	12.	12	28	15		43	1,267 00	3,953 00	5,220 00
December	23	8		31	21	5	**	26		1		1	10	2		12	54	16		70	3,614 00	4,662 00	8,276 00
Total	136	28	2	166	122	41	1	164	9	42	5	56	118	51	7	176	385	162	15	562	\$114,515 00	\$248,151 00	\$362,666 oc

Number of buildings in district-	
Dwellings	274
Business 4.5	85
Total	Ren

Number of fires in dwellings 385	Number of dwellings to each fire 58
Number of fires in business buildings 162	Number of business places to each fire 28
_	_
Total fires in buildings 547	Number of buildings to each fire 49

mber of dwellings to each fire	58
mber of business places to each fire	28

#### Seventh District-Part of City lying between Fifty-minth and One Hundred and Tenth Streets, west of Fifth Avenue.

		In H	EATING		1	N ILLUI	MINATI	NG.	In M	IANUFA OTHER	CTURIN BUSINE	G AND	1	Miscei	LANEOU	JS.	N	UMBER	of Fi	RES.		Loss.		
Months.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.	
January	2			2	1	42		1	1.					1		1	3	1		4	\$1,402 00	\$350 00	\$1,752 00	
February	1			1													1			1	1 00		1 00	
March				***									3	1	1	5	3	r	1	5	470 00	525 00	995 ∞	
April															2	2			2	2	30 00	125 00	155 00	
May	3			3										1		1	3	1	1	4	450 00	107 00	557 00	
June	1										1	1					1		1	2	2 00		2 00	
July													1		2	6	4		2	6	26 00	1 00	27 00	
August		**											1			1	1			1				
September														1		1		1		1	400 00	1,100 00	1,500 00	
October	1			1						1			1			1	2			2	310 00	255 00	565 00	
November									,.	1		1						1		1	30 00		30 00	
December	3			3		2		2					1			1	4	2		6	52 00	79 00	131 00	
Total	11			11	•	2		3		1	1	2	10		5	19	22	7	6	35	\$3,173 ∞	\$2,542 00	\$5,715 00	

Number of buildings in district-	
Dwellings	2,493
Business	1,021
Total	

1	Number of fires in dwellings	22
١	Number of fires in business buildings	7
	m.16	

Number of dwellings to each fire	111
Number of business places to each fire	146
distribution of the second sec	_
Number of buildings to each fire	121

Eighth District-Part of City lying between Fifty-ninth and One Hundred and Tenth Streets, east of Fifth Avenue

	IN HEATING. IN ILLUMINATING							iG.	In M	ANUFA THER I	CTURIN	G AND	N	IISCELI	ANEOU	is.	N	MBER	of Fir	ES,	Loss,		
MONTHS.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total,	Buildings.	\$2,165 00 2,536 00 2,935 00 16,148 00 770 00 1,939 00 20,400 00 52,935 00	Total.
January	* 3	r		4	3	1	**	4					2	2	4.	4	8	4.		12	\$1,515 00	\$2,165 00	\$3,680 0
February	3	2		5	5	2		7		**			3	1		4	11	5	**	16	2,085 00	2,536 00	4,621 0
March	8			8	2		**	2				**	5	2	1	8	15	2	1	18	850 00	2,995 00	3,845
April	3		r	4	6	3		9	1	1		2	1	6		7	11	10	1	22	4,520 00	16,148 00	20,668
May	4	100	**	4	1	2	**	3	1	4.5		r	ī		1	2	7	2	1	to	345 00	770 00	1,115
June	1	r		2	3			3			4.	14	4	3	1	8	8	4	1	13	1,201 00	1,929 00	3,130
July	**	**		**	2			2	2	2		4	8	4	ı	13	12	6	1	19	1,135 00	20,400 00	21,535
August			***		2			2	1	1		2	2	1		3	5	2		7	32,990 00	52,925 00	85,915
September				**	3	1	100	4		1		1	6	1		7	9	3		12	10,590 00	279 00	10,869
October			100		1	**		1	,,	2	ı	3	2	1		3	3	3	1	7	10 00	31 00	41 (
November	3	1	***	4	2			2		2	I	3	2	i	.,	3	7	4	1	12	7,576 00	15,391 00	22,967
December	4.	1		5	8	2		10		3		3	4	2		6	16	8		24	1,615 co	2,530 00	4.145
Total	29	6	1	36	38	11		49	5	12	2	19	40	24	4	68	112	53	7	172	864,432 00	\$118,099 00	\$182,531

Ninth District-Part of City lying between One Hundred and Tenth Street and Harlem River, west of Eighth Avenue.

		In HE	ATING.		IN	ILLUN	HNATIN	G.	In M.	ANUFAC	BUSINES	G AND	1	AISCELI	ANEOU	s.	Nt	MBER	OF FIR	ES.		Loss,	
Montus.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places,	Total.	Dwellings.	Business.	Other Places,	Total.	Buildings.	Contents.	Total.
January	3		1	4							1	ī		1		1	3	1	2	6	\$70.00	\$40 00	5110 0
February														1		1		1		1	100 00	25 00	125 0
March				1								1	1	1		2		1	2	4	610 00	20 00	630 0
April	1			1	1	1.		1			1	2	2		1	3	4	1	2	7	775 00	149 00	924 0
May	3			3					1			1	1			1	5			5	1,510 00	220 00	1,730 0
June						1		2									1	1		2	100 00	200 00	300 0
July											1	1	1	2	1	4	T	2	2	5	220 00	225 00	445
August										T		1						1		1	15 00	5 00	20 0
September													1		1	2	1		1	2	800 00	325 00	1,125
October	1		1	2						44				4.			1		1	2	150 00	375 00	525
November							1	1			1	1							2	2	55 00	10 00	65 6
December			**		i			1		12	4	4		1		1	1	1	4	6	65 00	255 00	320
Total	8		3	11	3	1	1	5	1	2	9	12	6	6	3	15	18	9	16	43	\$4,470 00	\$1,849 00	\$6,319

umber of buildings in district—         1,862           Dwellings	Number of dwellings to each fire	
Total	Number of buildings to each fire	27

Tenth District-Part of City lying between One Hundred and Tenth Street and Harlem River, east of Eighth Avenue.

		In H	ATING.		1:	LLU	INATIN	G.	In M	ANUFA	CTURIN BUSINE	G AND SS.	1	AISCELI	LANEOU	rs.	N	MBER	of Fir	ES.		Loss.	
MONTHS.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents,	Total.
anuary	5			5	1	1		2		1		1	2			2	8	2		10	\$85 00	\$293 00	\$378
February	2			2	1	1		2	2			2	4	2	1	7	9	3	r	13	1,275 00	1,155 00	2,430
March	3			3	1	2		3		1		1	2		1	3	6	3	1	10	150 00	970 00	1,120
April	3			3		1		1	ı			1	1	1	1	3	5	2	1	8	772 00	1,960 00	2,732
May	3			3	2			2					2			2	7			7	130 00	288 co	418 0
une				1						2		2	2		1	3	3	2	1	6	72 00	175 00	247
fuly		44				2		2			1	1	8			8	8	2	1	11	110 00	140 00	250 0
August					2			2		1		1	2	1	.0	3	4	2		6	30 00	30 co	60 0
September					2			2					2			2	4			4	425 00	165 00	590 0
October										1		1						1		1	*****	5 00	5 0
November					1			1		1		1	2			2	3	r		4	1,000 00	4,008 00	5,008 0
December	4	r		5	7	2		3			1	1	1	2	**	3	6	5	1	12	110 00	882 00	992 0
Total	21	1		22	11	9		20	3	7	2	12	28	6	4	38	63	23	6	92	\$4,159 00	\$10,071 00	\$14,230 0

Number of buildings in district—  Dwellings 6,941  Business 945		Number of dwellings to each fire
Total	Total fires in buildings	Number of buildings to each fire 92

Eleventh District-Part of City lying between Harlem and East Rivers, Kingsbridge Road, etc., and Bronx River.

		In H	EATING	ă.	1	N ILLU	MINATI	NG.	IN A	IANUFA OTHER	BUSINE	G AND	3	Miscei	LANEO	us.	1	NUMBE	of F	RES.		Loss.	
Months.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places,	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January									11	44	1	1	2	1	.,	3	2	ı	1	4	\$935 00	\$283 00	\$1,218
February	1	**	***	1		1	**	1	10	2		2	i	2	140	3	2	5	**	7	665 co	952 00	1,617
March	1	1		2		1	100	1	1	2	1	4	1	1	1	.3	3	5	2	10	98 00	50 00	148 0
April	2		1	3	**	1	44	1	**	1	24	1	2		5	7	4.	2	6	12	770 00	9,520 00	10,290 0
May	3	**	- 24	3	-13		**								241	**	3	**	**	3	10 00	15 00	25 0
une	3			3		**		4.0		2	10	2	1	1	10	2	4	3		7	221 00	1,152 00	1,373 0
uly		**		**			**		**	1	14	1		3		3		4		4	1,825 00	230 00	2,055 0
August		**	**	***	2	**		2					ī			1	3	**	**	3	60 00	607 00	667 0
September						***	- 0	,,		T	**	1	2	1	-01	3	2	2	**	4	670 00	135 00	805 c
October			44	**	3	2		5	**	1		t			**	1	3	4		7	1,547 00	2,065 00	3,612 0
November	3		**	3	4	**		4				441	++	1	1	2	7	1	1	9	2,856 00	2,092 00	4,948 0
December	4	1	**	5	4	**	7.	4	**	3		3	***	1	2	.3	S	5	2	15	2,337 00	3,580 00	5,917 0
Total	17	2	1	20	13	5		18	t	13	2	16	10	12	9	31	41	32	12	85	\$11,994 00	\$20,681 00	\$32,675 0

Twelfth District-Part of City lying north of Spuyten Duyvil Creek and Kingsbridge Road, etc.

				10	LLU	MINATIN	IG.	In M	ANUFA OTHER I	CTURIN BUSINES	G AND		Mischil	LANEOI	US.	N	DMBER	of Fire	ES.		Loss.	
Dage Street	Business.	Other Places.	Total	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
anuary	4.		24			99							1	1	2	44	1	1	2	\$25 00	\$75 00	\$100 0
February	10	- 00	90			**	- 11	**	**			44.	**	44			44		40	*******		******
March		12	75			100	12	**	10	1	1	**		**				1	r	25 00	*******	25 0
April 1	**	99	1	**	130		100		48	1	1			1	1	1		2	3	25 00	****	25 0
May		**	99	**	**	199	++					1		40	1	1	++	44	1	5 00		5 0
June 1		**	1	55					**					**	144	1			1	2,000 00	200 00	2,200 0
July	100	**	**		No.			++	V.	44	.,	4.4	3.0	44						******	*******	
August		10	36	100	4.6		140			**	4.0						44		22		******	*******
September		**	20	14.0	144		++		24			1	164	44	1.	1	44	**	1			
October		16	100	15				++	**			**	1		1		1		1	1,500 00	3,000 00	4,500 0
November			10			30		20	**	40	44	1	**		1	1	**		T.	25 00	20 00	45 0
December	***	**	31	**	**	w	189-	**		ī.	1		.00		**		**	1	1	10 00	******	10 0
Total., 2			2				**		10	3	3	3	2	2	7	5	2	5	12	\$3,615 00	\$3,295 00	\$6,910 0

Thirteenth District-Governor's, Bedloe's, Ellis', Blackwell's, Ward's, Randall's and North Brothers' Islands.

		In HE	ATING.		I.	ILLU:	MINATI	G.	In N	IANUFA OTHER	CTURIN BUSINE	G AND	1	MISCEL	LANBOU	JS.	N	UMBER	of Fin	ES.		Loss.	
Months.	Dwellings.	Business.	Other Places.	Total,	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January		12.							.,	**			.,								*******		
February		**			50						**		1			1	1		**	1	******	\$10 00	\$10 0
March					**	44			1.					441		**		**		**		*******	
April						**	44						3			1	1			1	*******	*******	
May	**				**	**								44.				**				*******	
June	**													**				27		**	*******	*******	******
July	**	***	**	**	**	**	**		**			**			**			**				*******	
August			**						30				**							44	*******		
September											1	1	1	**	**	1	1		1	2	\$7,030 00	25,000 00	32,030 0
October	44	**				**							1			1	1			1	2 00	50 00	52 0
November										**	++	44							**				*******
December							**					**		**		**				**	*******		
Total											1	1	4			4	4		1	5	\$7,032 00	\$25,060 00	\$32,092 0

al	 	 	 	 				1	4	 	4	4		1	5	\$7,032 00	\$25,060 00	\$.
Number of buildings i		 	 	 Numb														7.0
Business			-		-	Total fi	res in l	ouilding	s	 		-	Nun	ber of	buildings	to each fire		113

#### Recapitulation.

	I	N H	EATIN	iG.	In	ILLUI	MINAT	ING.	ING	MANU AND BUSH	OTENESS.	UR-	Mı	SCELL	ANEO	us.	Nu	MBER (	or Fu	RES.	Number	of Bui	LDINGS.	BER O	RAGE I	DINGS		Loss.	
DISTRICTS.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places,	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Total.	Dwellings.	Business, etc.	Total.	Buildings.	Contents.	Total.
First	4	12		16	6	31	1	38	1	57	3	61	8	74	3	85	19	174	7	200	1,012	3,805	4,817	53	21	25	\$106,077	\$575,312	\$681,38
Second	18	9		27	17	17		34	1	15	5	21	14	21	9	44	60	52	14	126	2,518	902	3,420	50	13	31	220,848	311,402	532,25
Third	4	14		18	2	19		21		16	1	17	4	45	1	50	10	94	2	106	333	1,303	1,636	33	14	16	181,001	720,214	901,2
Fourth	67	16	2	85	147	21	3	171	5	47	1	55	18	81	5	204	337	166	10	513	9,994	2,598	12,592	30	16	25	122,442	309,872	432,3
Fifth	85	19	3	107	102	45	3	150	6	65	1	72	106	86	7	199	299	215	14	528	15,986	3,836	19,822	54	18	39	155,595	443,382	598,97
Sixth	136	28	2	166	122	41	1	164	9	42	6	57	118	50	7	175	385	162	15	562	22,274	4,585	26,859	58	28	49	114,515	248,151	362,6
Seventh	11			11	1	2		3		1	1	2	10	4	5	19	22	7	6	35	2,493	1,021	3,514	113	146	121	3,173	2,542	5,7
Eighth	29	6	1	36	38	11		49	5	12	2	19	40	24	4	68	112	53	7	162	9,689	1,454	11,143	87	27	68	64,432	118,099	182,5
Ninth	8		3	11	3	I	1	5	1	2	9	12	6	6	3	15	18	9	16	43	1,862	1,560	3,422	103	173	127	4,470	1,849	6,3
Tenth	21	1		22	11	9		20	3	7	2	12	28	6	4	38	63	23	6	92	6,941	945	7,886	110	41	92	4,159	10,071	14,2
Eleventh	17	2	1	20	13	5		18	1	13	2	16	10	12	9	31	41	32	12	85	6,989	3,184	10,173	170	100	139	11,994	20,681	32,6
Twelfth	2			2							3	3	3	2	2	7	5	2	5	12	945	674	1,619	189	337	231	3,615	3,295	6,9
Thirteenth					**			••			1	1	4			4	4		1	5	219	231	450	55		113	7,032	25,060	32,0
Total	402	107	12	521	462	202	9	673	32	277	37	346	469	411	59	939	1,365	998	116	2,479	81,255	26,098	107.353	59	26	45	\$999,353	\$2,789,930	\$3,789,5

#### Indictments and Convictions for Arson, Incendiarism, etc.

	1	DESCRIPT	ION OF P	ERSON,		Nature of Charge and Circumstances,	NATURE OF INDICTMENT AND DATE.	WHEN AND OF	SENTENCE AND REMARKS.
Name.	Age.	Sex.	Color.	Nativity.	Occupation.		AND DATE.	WHAT CONVICTED.	
Edward Lyman	40	Male	White.	United States	Truckman	Setting fire to the dwelling-house No. 454 West Twenty-ninth street, March 16, 1885			To be examined as to his san- ity.
Thomas McCann	30		44	Ireland	Wagon-maker.	Setting fire to stable No. 50 West Tenth street, March 17, 1885.	Arson, 1st degree, March 26, )	***************************************	Acquitted April 23, 1885.
Lizzie Math	23	Female	**	Germany	Housekeeper	Setting fire to dwelling No. 702 East Ninth street, February 27,	Arson, 2d degree, March 18,		Acquitted April 28, 1885.
Antonio Giboni	26	Male		Switzerland	Fruit dealer	Setting fire to premises No. 436 Ninth avenue, April 6, 1885	Arson, 3d degree, April 13.		Acquitted May 5, 1885.
Paul Gaugi	30			Italy	Barber	Setting fire to premises No. 464 West Thirty-third street, Feb-	Arson, 1st degree, February	May 27, 1885 {	May 27, 1885. State prison, 15 years.
Thomas F. Cleary	22	"	- 61	United States	Clerk	Setting fire to premises No. 621 Sixth avenue, September 28, 1885			Case dismissed by Grand Jury October 12, 1885.
Thomas McNabb James Donohue		:		" ··	Inmates of House of Refuge, sent there for theft	Setting fire to factory on Randall's Island	Arson, 3d degree, October 8, 1885		McNabb only tried and jury disagreed. Both sent back to House of Refuge December 14, 1885.
James Madden James Burns		" ::	**	: ::	Inmates of House of Refuge	Setting fire to school building, House of Refuge, Randall's Island	Arson, 3d degree	December 10, 1885. Arson, 3d degree	Penitentiary three years.  Case dismissed by Grand Jury December 10, 1885, and prisoner sent back to House of Refuge.
Henry Kohout Josephine Kohout Edward Kohout	22	Female Male		Bohemia	Housekeeper	Setting fire to premises No. 404 East Sixty-fourth street, No- vember 23, 1885	Murder and arson, 1st de- gree, December 15, 1885.		sent back to House of Reinge

## Operations under the Laws Regulating the Storage of Combustibles and Explosive Materials, etc.

						Dispo	SITION.			
COMPLAINTS OF VIOLATIONS, ETC.	Pending last report,	Received since.	Total to be Disposed of.	Complied on Notice.	Unfounded.	Penalties Collected.	Penalties Remitted.	Prosecution Recommended.	Total.	Now Pending.
Selling kerosene oil below test	3	5	8			3	5		8	
Selling kerosene oil without license		2	2		2				2	55
Chimney fires	31	219	250			87	124	27	238	12
Hoistways found open after conclusion of business	9	24	33		ı	6	21	4	32	1
Fire-hydrants obstructed	3	53	56	50	6				56	
Lights unprotected		2	2		2				2	
Want of fire-extinguishing appliances	13	5	18	3	2				5	13
Want of telegraphic communication	5		5	1	4				5	
Kerosene or naphtha, etc., in excessive quantity.		16	16	7	9				16	
Fireworks, chemicals, matches, etc., kept		3	3	1	2				3	
Powder, etc., improperly stored, transported, etc		3	3		3	**			3	
Chimneys, flues, heating apparatus, etc., unsafe	4	29	33	18	12		**		30	3
Ashes in wooden boxes, etc		8	8	4	1				5	3
Hay, straw, cotton, rags, and other vegetable fibre stored in excessive quantity	12	16	28	10	18				28	
Lime, spirits, varnish, etc., stored in excess- ive quantity	1	7	8	7	1	**			8	
. Total	81	392	473	101	63	96	150	31	441	32

ial surveys made to determine the fitness of premises for the storage of combustibles	
or explosive materials	547
ial surveys of places of amusement	5
ples of kerosene oil collected and tested	8,965

#### Money Received for Licenses and Permits Issued, Penalties Collected, Sale of Explosives, etc., Seized, etc.

FOF 3,055	Refosche-on heenses issued, at \$10	4,20,330	ÆΠ
For 84	powder licenses issued, at \$2	168 c	0
For 403	special permits issued, at \$2	806 c	0
For 29	wholesale fireworks permits issued, at \$2	58 0	0
For 18	retail fireworks permits issued, at \$1	18 0	0
For 41	retail fireworks permits issued, at 50 cents.	\$20 5	0
For 1,949	retail fireworks permits issued, at 25 cents	487 2	5
For 139	kindling fire in street permits issued, at 50 cents	69 5	ó
	Total for licenses and permits	\$38,177 2	5

	Total for licenses and permits		\$38,177 25
or	3 penalties for selling kerosene oil below test, at \$50	\$150 00	
or	87 penalties for chimney fires, at \$5	435 ∞	
or	6 hoistways left open, at \$50	300 00	

otal for penalties	005 00
-	
otal received and turned over to the Relief Fund	\$39,062 25

Plans and Specifications for New Buildings Filed and Acted upo	Plans and	Specifications	for	New	Buildings	Filed	and	Acted	1100
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CLASSIFICATION.	Pending last report.	Received since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total.	ESTIMATED COST.
Dwelling-houses—Estimated cost over \$50,000		4	4	1	3			4	\$328,000 00
Dwelling-houses — Estimated cost between		150	150	17	124	0		150	3,875,100 00
Dwelling-houses—Estimated cost less than	6	849	855	303	542	10		855	8,885,500 00
Flats-Estimated cost over \$15,000 each		689	68g	161	523	5		680	15,632,600 00
Tenement-houses—Estimated cost less than	3	58z	584	165	398	20	1	584	7,529,100 00
Hotels and boarding-houses		3	3	1	2			3	159.450 00
Stores-Estimated cost over \$30,000 each		20	20	3	17		1	20	1,312,600 00
Stores—Estimated cost between \$15,000 and	24	47	47	3	42	2		47	916,600 00
Stores-Estimated cost less than \$15,000 each	3.2	77	77	24	49	3	1	77	278,900 00
Office buildings		24	24	9	14	t		24	1,043,700 00
Manufactories and workshops	6	160	166	40	119	6	1	166	2,148,300 00
School-houses	48	4	4		4			4	90,000 00
Churches		14	14	5	9			14	385,900 00
Public buildings-Municipal		2	2	1	14			2	54,000 00
Public buildings-Places of amusement, etc	44	13	13	3	9	i	44	13	622,000 00
Stables	42	151	151	69	78	4		131	695,580 00
Frame dwellings in Twenty-third and Twenty-		430	430	258	137	35		430	1,242,170 00
Other frame structures	35	150	150	50	55	43	**	150	174,513 00
Total	15	3,368	3,383	1,115	2,125	140	3	3,383	\$45,374,013 00

#### Plans and Specifications for Alterations to Buildings Filed and Acted upon.

CLASSIFICATION.	Pending last report.	Received since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total,	Estimated Cost.
Dwelling-houses	4	578	582	322	226	32	2	582	\$986,079 00
Flats	40	45	45	10	20	15	41	45	255,525 00
Tenement-houses	12	634	646	373	232	40	1	646	823,553 00
Hotels and boarding-houses	44	56	55	21	25	7	2	56	338,595 00
Stores	4	237	241	149	72	20	**	241	640,935 00
Office buildings	16	89	89	55	27	6	1	29	2,422,425 00
Manufactories and workshops	5	272	277	138	III	25	3	277	701,580 00
School-houses	25	12	12	8	4	.,		12	232,150 00
Churches	**	28	28	14	12	1	1	28	358,920 00
Public buildings	**	47	47	14	29	-4	44	47	320,540 00
Stables		83	83	32	40	11		83	313,105 00
Frame buildings	2	425	427	236	135	55	1	427	251,418 00
Total	27	2,506	2,533	1,372	934	216	TI.	2,533	\$7,594,825 oc

#### Number of Buildings Completed During Year.

Location.	COMMENCED.	COMPLETED.	In PROGRESS.
South of Chambers street	20	28	* 18
Between Chambers and Houston streets	223	223	95
Between Houston and Twenty-third streets	126	129	75
Between Twenty-third and Fifty-ninth streets	379	399	223
Between Fifty-ninth and One Hundred and Tenth streets, east of	566	673	515
Between Fifty-ninth and One Hundred and Tenth streets, west of Fifth avenue.	517	264	555
Between One Hundred and Tenth street and Harlem river, east of Eighth avenue.	400	447	271
Between One Hundred and Tenth street and Harlem river, west	106	124	135
North of Harlem river	513	545	z88
Total, 1885	2,940	2,832	2,075
Total, 1884	2,400	2,473	

### Violations of Law and Unsafe Buildings.

Nature.	Pending last report.	Received since.	Total for Disposition.	Removed before Action by Courts.	Removed on Order of Courts.	Dismissed by Courts.	Discontinued.	Total Final Disposition.	Now Pending.	Forwarded for Prosecution.
Defective construction, materials, etc	212	811	1,023	707		10	105	822	201	590
Erecting, altering or removing without)	193	725	918	579	146	30	134	743	175	482
Insufficient means of escape, fire-escapes,	1,330	3,048	4.378	2,245	200	17	911	3,173	1,205	1,523
Unsafe buildings	540	1,750	2,290	1,571	3	**	157	1,731	559	53
Total	2,275	6,334	8,609	5,102	3	57	1,307	6,469	2,140	2,648

#### Complaints Received and Investigated.

NATURE.	Pending last report.	Received since.	Total.	Unfounded.	Remedied on Verbal Notice.	Notices to be issued.	Total.	Now Pending.
Defective flues	4	177	181	65	33	8r	179	2
Defective construction and materials	3	49	52	36	3	11	50	2
Defective leaders	8	95	103	16	2	75	93	10
Erecting and altering without permit	3	53	56	41	2	12	55	1
Frame structures erected and removed without permit.	•	220	221	90	6	123	210	2
Front iron shutters which cannot be opened from the	5	2	7	4		ı	5	2
Hoistway openings not guarded	1	13	14	8	1	5	14	
Insufficient means of escape, fire-escapes out of re-	38	1,213	1,251	336	54	769	1,159	92
No iron shutters	2	7	9	4	4.6	5	9	
Stairways floored over	**	3	3	.,		2	2	2
Unsafe buildings	8	1,421	1,429	570	85	764	1,419	10
Total	73	3,253	3,326	1,170	186	1,848	3,204	122

#### Inspection of Passenger Elevators.

INSPICTED.	FOUND IN GOOD ORDER.	FOUND DEFECTIVE.	LAW COMPLIED WITH ON NOTICE.	PENDING.	NOTICES ISSUED.
381	368	13	9	4	196

# The following Tabular Statements show the Operations of the Bureau since it became a part of the Fire Department, viz.: August 1, 1880, to December 31, 1885.

NATURE.	August 1 To December 31, 1880.	1881,	1887.	1883,	1884.	1885.	Total.
Number of proposed   new buildings	973	2,682	2,577	2,623	2,897	3,368	15,120
Estimated cost of same.	\$10,205,290	\$43,391,300	544,793,186	\$44,304,638	\$41.461,208	\$45,374,013	\$231,472,635
Number of buildings proposed to be	373	1,497	1,691	1,870	2,460	2,506	10,397
Estimated cost of same.	5681,136	\$4,142,070	\$4,267,181	\$4,540,436	84,659,532	57,594,821	\$25,885,176
Violations other than fire-escapes re-	240	761	1,086	1,134	1,975	1,536	6,732
Violations (other than fire-escapes) re-	248	838	1,070	1,239	1,894	1,565	6,854
Unsafe buildings re-	160	920	1,348	946	1.729	1,750	6,853
Unsafe buildings	148	488	1,373	816	1,361	1,438	5,620
Unsafe buildings	10	78	205	73	87	134	587
Buildings reported for additional means of escape in case of fire	277	544	1,443	1,562	2,662	3,048	9,536
Baildings provided with additional means of escape in	84	825	842	1,328	1,964	2,245	7,288
Notices issued	1,372	4.422	6,279	5,471	9,417	13,243	40,704
Complaints received	1,285	5,030	3,237	2,465	1,907	3,253	17,177
Cases forwarded for	123	723	1,022	1,404	1,839	2,646	7.757

# Table showing the Number of Plans Submitted for the Erection and Alterations of Buildings, the Number of Violations of Law and Unsafe Buildings Reported, and the Number of Complaints Received from 1862 to 1885, inclusive.

NATURE.	1862.	1863.	1864.	1865.	1866.	1867 .	1868.	1869.	1870.	1871.	1872.	1873.	1874.
Plans submitted for new buildings and alterations	41	150	210	327	‡ 635	1,492	1,282	2,492	2,367	2,697	2,327	2,136	2,211
Violations reported,	823	267	208	153	826	854	486	400	882	1,724	513	569	817
Buildings reported for	*		*	*	*	*	+7,306	1,893	1,979	973	770	2,215	1,436
Complaints received	127	295	234	267	335	426	334	306	340	263	459	570	583
Unsafe buildings re-	65	182	88	155	282	311	258	338	515	1,007	438	953	1,546
Total cases acted upon.	1,056	864	740	902	2.078	3,083	9,666	5,429	6,083	6,664	4,507	6,443	6,593

NATURE.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	TOTALS.
Plans submitted for new buildings and alter-	2,023	1,850	2,004	1,874	2,261	2,355	2,658	2,915	3,548	3,949	4,174	47.948
Violations reported, other than fire-escapes	819	576	472	994	573	567	76z	i,086	1,134	1,975	1,536	19,015
Buildings reported for	1,606	1,654	1,505	1,188	678	1,402	544	1,443	1,562	2,662	3,048	33,864
Complaints received	600	383	487	394	499	1,884	5.030	3,237	2,465	1,907	3,253	24,678
Unsafe buildings reported.	1,630	1,551	1,210	894	733	585	920	1,348	946	1,729	1,750	19,434
Total cases acted upon.	6,678	6,014	5,678	5.344	4.744	6,793	9,913	10,029	9,655	12,222	13,761	144,939

<sup>\*</sup> No record.

† The records show that cases of encumbered fire-escape balconies, and painting and repairing same, were notided in this number.

‡ Prior to June 1, 1866, it was optional to file plans.

Number and Estimated Cost of Buildings Proposed to be Erected and Altered, from 1868 to December 31, 1885.

	Nev	BUILDINGS.	ALTERATIO	ONS TO BUILDINGS.	
YEAR.	Number.	Estimated Cost.	Number.	Estimated Cost.	Totals,
1868*	2,014	\$34,517,662 00	†	\$2,168,045 00	\$36,685,727 00
1869*	2,348	40,352,058 00	+	4,228,174 00	44,580,232 00
1870*	2,351	34,668,998 ∞	+	2,816,234 00	37,485,232 00
871*	2,782	42,585,391 00	+	4,351,981 00	46,937,372 00
872*	1,728	27,884,870 00	1,318	2,788,379 00	30,673,249 00
1873	1,311	24,936,535 00	1,311	3,496,995 00	28,433,530 00
874	1,388	16,667,417 00	1,429	3,532,147 ∞	20,199,564 00
875	1,405	18,226,870 00	1,258	3,200,438 00	21,427,308 00
876	1,379	15,903,880 00	1,177	3,635,478 00	19,539,358 00
1877	1,432	13,365,114 00	r,308	3,215,125 00	16,580,239 00
1878	1,672	15,219,680 00	1,209	2,621,046 00	17,840,726 00
1879,	2,065	22,567,322 00	1,373	3,300,110 00	25,867,432 00
1880	2,252	29,115,335 00	1,352	3,862,111 00	32,977,446 00
1881	2,682	43,391,300 00	1,497	4,142,070 00	47.533,370 00
1882	2,577	44,793,186 00	1,691	4,267,181 00	49,060,367 00
883	2,623	44,304,638 00	1,870	4,540,436 00	48,845,074 00
884	2,897	41,461,208 00	2,460	4,659,532 00	46,120,740 00
885	3,368	45,374,013 00	2,506	7,594,825 00	52,968,838 00
Totals	38,275	\$555,335,497 00	21,759	\$68,420,307 00	\$623,755.904 00

<sup>\*</sup> In these years the cost of building was much higher than at present.
† The number of alterations for these years is not on record.

Table Showing the Number of Unsafe Buildings Made Safe and Taken Down from 1862 to December 31, 1885, inclusive.

YEAR.	MADE SAFE.	TAKEN DOWN.	TOTAL	YEAR.	MADE SAFE.	TAKEN Down,	TOTAL.
1862	49	16	65	1875,	1,586	90	1,676
1863	96	53	149	1876	1,531	71	1,602
1864	71	37	108	1877	1,088	67	1,155
1865	86	33	119	1878	836	77	933
1866	225	32	257	1879	650	56	706
1867	335	22	357	1880	513	56	569
1868	235	22	257	1881	488	78	565
1869	305	38	343	1882,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,373	205	1,578
1870	478	52	530	1883	816	73	88g
1871	892	62	954	1884	1,361	87	1,448
1872	398	38	436	1885,	1,438	134	1,572
1873	819	58	877				
1874	1,466	67	1,533	Totals	17,155	1,524	18,679

#### Table Showing the Number of Cases Acted Upon from 1868 to 1885.

YEAR.	VIOLATIONS AND UNSAFE BUILDINGS REPORTED, COMPLAINTS RECEIVED, AND PLANS SUBMITTED.	YEAR.	VIOLATIONS AND UNSAFE BUILDINGS REPORTED, COMPLAINTS RECEIVED, AND PLANS SUBMITTED,
1868	9,666	1878	5,344
1869	5,429	1879	4,744
1870	6,083	1880	6,793
1871	6,664	1881	9,913
1872	4,507	1882	10,029
1873	6,443	1883	9,655
1874	6,593	1884	12,222
1875	6,678	1885	13.761
1876	4 6,or4		
1877	5,678	Total	136,216

#### Number of Cases Forwarded to the Attorney for Prosecution from 1872 to 1885.

YEAR.	Number of Cases.	YEAR.	Number of Cases.	YEAR.	Number of Cases.
1872	107	1878	291	1883	1,404
1873	247	1879	240	1884	1,839
1874	247	*1880	252	1885	2,646
1875	628	†1880	123	*	_
1876	412	1881	723	Total	10,381
1877	200	1882	1,022	4	

<sup>\*</sup> Seven months in old Department.

<sup>†</sup> Five months in present Bureau.

er of meetings of Board of Examiners	4
er of cases acted upon by Board of Examiners	374
er of applicants for appointment as Inspectors examined	5
of which were found qualified	4
Disqualified.	10

Petitions for Modification of the Law.

4	APPROVED.	DISAPPROVED.	TOTAL.
New buildings	162	37	199
Alterations	130	25	155
fron shutters	15	5	20
Total	307	67	374

Attention is invited to the fact that the past year has been the busiest in the history of the bureau, as the foregoing tables show.

The number of applications for new buildings and alterations has been greater than ever before, and the total estimated cost of this contemplated work is unprecedented.

The number of buildings reported unsafe and made safe is also greater than in the preceding year, and the notices issued for the erection of fire-escapes exceeds by 386 cases the number issued in the year 1884. The most gratifying result shown is the diminished number of violations committed. It will be observed that the greatest activity has been displayed in the erection of small houses rather than in large flats and tenements.

The present law, which took effect on June 9, has in many ways compelled better building than heretofore, though some difficulty has been experienced in enforcing all its provisions, owing to the involved and defective character of its language.

Properly amended, the present law should lead to excellent results.

#### Enumeration and Classification of Structures.

The number of structures of all kinds in the city, on December 31, 1885, classified as below explained, was again ascertained by actual count and inspection by officers of the uniformed force, the result being shown by the subjoined tables.

New buildings, not finished so as to be ready for occupancy, were omitted; but all buildings undergoing alterations or repairs, though at the time not ready for occupancy, were included in the classes to which they would belong when completed.

Structures were classified as follows:

1st. As to their uses; subdivided into-

a. Dwellings, exclusively.

- b. " principally and partly business, etc.
- ε. " partly and principally business, etc.
- d. Business, etc., exclusively.
- e. Sheds, etc., detached from other buildings of occupants of premises.
- f. Bridges over streams, cuts, etc.
- g. Piers.

The term "business, etc.," is intended to include every use except that for dwelling purposes.

Under the head of "sheds, etc.," are also included gasometers, large oil tanks, magazines, etc.

- 2d. As to their construction; subdivided into-
  - a. Built of brick, stone, iron, or other non-inflammable materials exclusively, except as to flooring, trimmings, doors, sashes, etc.
  - b. Walls built of brick, stone, iron, or other non-inflammable materials; floor beams, partitions, stairways, etc., of wood or other inflammable material.
  - c. Built mainly of wood or other inflammable material.

The first class (a) is the so-called fire-proof structure.

- 3d. As to their height; subdivded into
  - a. Four stories or less above the basement, or the ground floor where there is no basement.
  - b. More than four stories above the basement, or the ground floor where there is no basement.

In the first of these (a) there are few, if any, the top floors of which are inaccessible with the longest fire ladders; and the second (b), while in the main representing buildings the upper stories of which are not accessible with the longest ladders, also contain many structures of five, six and even seven floors, which, as the stories are more or less below the standard of height adopted as a basis for this classification, can also be reached by the longest ladders in use in the Department.

- 4th. As to their location; subdivided into
  - a. On the street, i.e., having no other building between them and the highway.
  - b. In rear of other buildings.

5th. As to the number of families in buildings used exclusively, principally, or partly as dwellings; subdivided into—

- a. Occupied by one family each.
- b. Occupied by more than one family each.

For the purposes of this enumeration the city is subdivided into thirteen districts, bounded as shown by the subjoined outline map of the city, which also shows the area of each district, the number of buildings in it, and the number of fires occurring therein, together with 'the estimated amount of loss caused thereby.

A comparison with previous enumerations shows a less number of buildings in some of the districts south of Fifty-ninth street, as a result of the last enumeration. The reason for this loss is found in the fact that every large building erected in these sections of the city replaces a number of smaller ones taken down, in some instances more than twenty-five buildings giving place to one new structure.

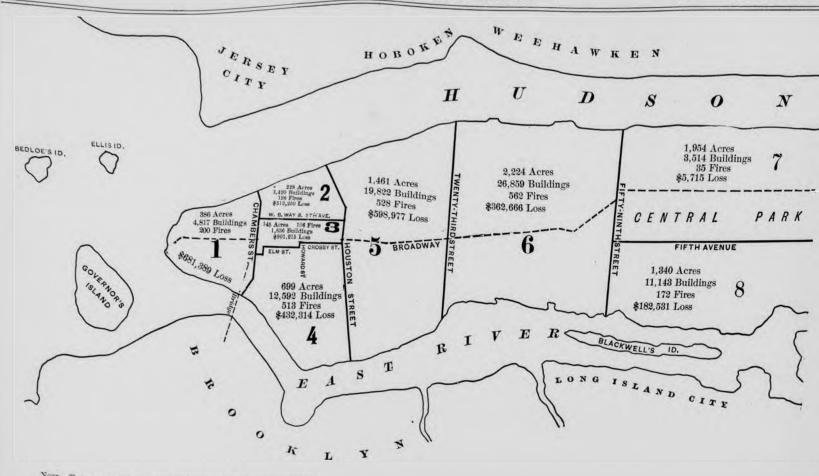
To a less extent the same cause operates to make a smaller apparent gain in the number of buildings in the districts north of Fifty-ninth street, while in the Eleventh District a large number of buildings standing upon ground taken for new avenues and streets, or for widening old ones, were condemned and demolished.

Attention is especially invited to the large increase of buildings of the so-called fire-proof class, from 136, in 1883, to 522, in 1885.

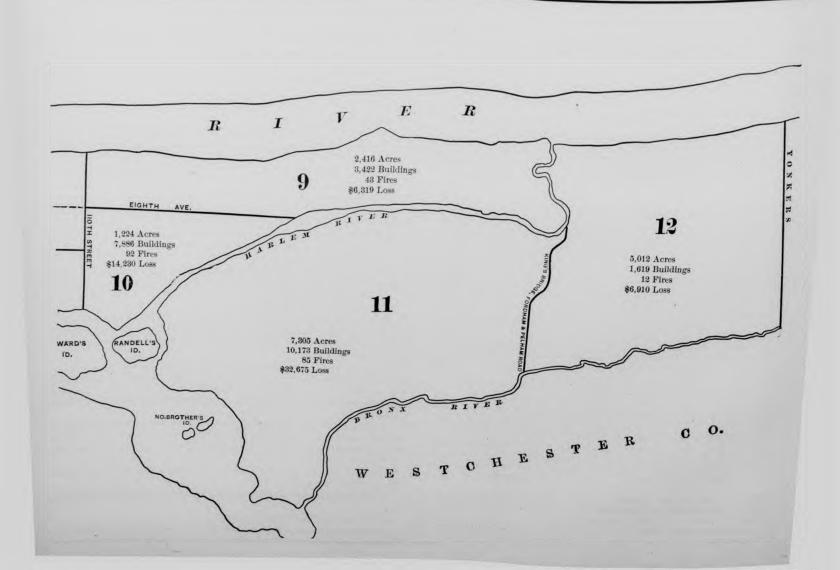
The last enumeration also shows a large increase of buildings more than four stories in height, to wit:

In 1883, 8,251; in 1885, 14,199; gain, 5,948.

The subjoined outline map shows the boundaries and area of and the number of buildings in each district, as well as the number of fires (with amount of loss) occurring therein during the year:



Note.—The true positions of Bedloe's and Ellis Islands are considerably south and west of the locations given them for convenience on this map. The number of buildings on all of the islands is 450 and the number of fires was 5. Loss, \$32,052.



#### BUILDINGS USED FOR DWELLING PURPOSES EXCLUSIVELY.

	OCCUPIED BY-	Number of Stories above	LOCATION.							DISTRICT	r.						Тоты
MATERIALS BUILT OF-	OCCUPIED BY—	BASEMENT OR GROUND FLOOR.	LOCATION.	ıst.	2d.	gd.	4th.	5th.	6th.	7th.	8th.	9th.	roth.	rith.	12th.	r3th.	TOTAL
		[ Four or less	On street					1	12		13						
	One family each	1	(On street		****		****	****									***
		More than four	In rear														
Built of brick, stone, iron, or other non-inflammable materials, except as to flooring, trimmings, doors,	}		Total					1	13		13						2
sashes, etc		(Four or less	On street						18		3		****				2
	More than one family each	Tour or less	(In rear	••••					****						****		
		More than four	On street			****		2	2	3	****	••••	****			****	
				••••			2	****									
			Total				==	===	20	3	3						3
		Total		****	****		2	3	33	3	16		****		****		5
		(Four or less	On street	18	89	6	305	2,153	6,894	522	3,527	234	2,854	504	57	26	17,18
	One family each	}	(In rear	15	10	2	8r 8	62	15	9 61	6	****	,,,,	7	****		71
		More than four	On street		1			376	258			****	3				3
Valls of brick, stone, iron, or other non-inflammable materials; floor- beams, partitions, stairways, etc., of wood or other inflammable			Total	35	100	8	394	2,621	7,167	592	3,543	234	2,857	511	58	26	18,14
of wood or other inflammable			(On street	41	557	8	1,357	4,166	4,165	285	1,770	122	1,307	297		5	14,08
		Four or less	In rear	19	110	15	732	671	652	2	10	4	18	1			2,23
	More than one family each	More than four	∫ On street	It	51	2	408	909	1,301	136	444	14	98				3,37
		( More than tour	(In rear	36	16	3	279	72		****		••••			••••	••••	40
			Total	107	734	28	2,776	5,818	6,118	423	2,225	140	1,423	298	1	5	20,09
		Total		142	834	36	3,170	8,439	13,285	1,015	5,768	374	4,280	809	59	31	38,24
		(Four or less	On street	35	16		77	45	320	494	928	929	954	3,423	505	44	7.77
	One family each	{	(In rear	2	7	2	57	10	110	40	96	21	14	135			49
		More than four	On street						4		20		4				2
uilt mainly of wood or other inflam-			Total	37	23		134	56	434	534	1,044	950	972	3,558	505	44	8,29
mable materials					_	=		-	-					=	=	=	
		Four or less	On street	6	187	7	403	160	527 345	37	207	15	334	1,192	287	4	3,88
	More than one family each	1	(On street						2		69						7
		More than four	In rear				2	****	τ								
'			Total	10	219	10	546	454	875	254	296	237	350	1,211	287	4	4,75
		Total		47	242	12	680	510	1,309	788	1,340	1,187	1,322	4,769	792	48	13,04
					==	48	3,852	8,952		1,806	-	1,561	5,602	5,578	851	79	51,34

## BUILDINGS USED PRINCIPALLY FOR DWELLINGS, AND PARTLY FOR BUSINESS AND OTHER PURPOSES.

		Number of Stories above							I	DISTRICT.							
MATERIALS BUILT OF-	Occupied by-	BASEMENT OR GROUND FLOOR.	Location.	ıst.	ad.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	roth.	rith.	12th.	13th.	TOTAL
		(Four or less	On street	3										9			1
	One family each	J rour of less	(In rear				**				**	21					
	One family each	More than four	On street	2	**		**			**	**			**	***		3
		( More man sour	(In rear		**	••		••		••		***	**		••	**	
suilt of brick, stone, iron, or other non-inflammable materials, ex- cept as to flooring, trimmings,			Total	5									,,	9			14
doors, sashes, etc		(Four or less	(On street								3	**		. 13			
	More than one family each	Four or ress	(In rear		44	**	**										
	( More than one family cach.	More than four	On street		**			1			•••		1				1
		(	(In rear			**			198			•••			••		
1			Total	**				1			3		1	13			18
		Total		5				1			3		r	22			32
			(On street	94	115	69	610	515	432	58	6o	40	49	83	17		2,142
Valls of brick, stone, iron, or other non-inflammable materials; floor-	0	Four or less	(In rear	.,	2	4	15	15	18	14	2		**				70
beams, partitions, stairways, etc., of wood or other inflammable	One family each	More than four	(On street	15	1	2	11	70	x								100
materials	,	( More than four	(In rear				2	4.			••	••	**	**			
			Total	109	118	75	638	600	451	72	62	40	49	83	17		2,314

414		T	HE CI	TY	R	EC	OR	D.					FE	BRUA	RY 16	, 18	36.
MATERIALS BUILT OF-	Оссинед ву-	Number of Stories above	LOCATION.						. 1	DISTRICT.							Тотац
MATERIAL DOLL OF		BASEMENT OR GROUND FLOOR.		ıst.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	rith.	reth.	13th.	
Walls of brick, stone, iron, or other	,	(Four or less	On street	173	828	01	2,685	4,116	4,803	188	2,038	98	878	180	**	48	16,126
non-inflammable materials; floor- beams, partitions, stairways, etc.,	More than one family each	Four or less	(In rear	5	14	**	16	118	74	3	5	**		- 11	-99		23
of wood or other inflammable	More than one lamny cach.	More than four	On street	124	210	43	1,692	1,247	887	65	102	33	77	3	**	14	4,49
materials	,	( More man rout	(In rear	42	***	***	6	8					••	40	**		50
			Total	344	1,052	134	4,399	5,489	5.764	257	2,145	131	955	183		62	20,91
		Total		453	1,170	:09	5,037	6,089	6,215	329	2,207	171	1,004	266	17	62	23,229
			On street		41	9	224	65	131	88	85	49	129	659	41	24	1,54
		Four or less	(In rear				11		5	17	4		1	36		.,	79
	One family each	1	(On street	**	95	2	**			44	34	1.1		25			2
		More than four	(In rear			1		1	t					***			3
Built mainly of wood or other in- flammable materials			Total	30	41	12	235	66	137	105	85	49	130	720	41	24	1,64
			(On street	3	148	2	662	222	405	66	82	46	113	345	2	14	2,11
		Four or less	(In rear		4		9	5	10	36		2	1	**	44		6;
	More than one family each		(On street	**		45	1		5	160	***						
		More than four	In rear			***							**				**
			Total	3	152	2	672	227	421	102	82	48	114	345	2	14	2,18
		Total		3	193	14	907	293	558	207	167	97	244	1,065	43	38	3,820
Aggregate				461	1,363	223		6,383	6,773	536	2,377	263	1,249	1,353	60		27,090

		Number of Stories above	T-10-10-10-1						3	DISTRICT.							Tor
MATERIALS BUILT OF-	Occurred by-	BASEMENT OR GROUND FLOOR.	LOCATION.	īst.	zd.	3d.	4th.	5th.	6th.	7th.	8th	9th.	10th.	rith.	ieth.	r3th.	Тота
		Four or less	(On street	-13							14			8	-11		
	One family each	Jan or ress.	(In rear	14.6	**	**	149	**		**	**	**	**	**	-11	**	1
		More than four	On street	3.5	**	**	**	12	**	.,		31	++			**	1 .
			(In rear	**	**		4.5	**	4.0	44	**	***	111	**	**	**	1
ilt of brick, stone, iron, or other non-inflammable materials, except as to fleoring, trimmings, doors, sashes, etc.			Total	**	**						14	**		8			
50,500,500,000,000,000,000,000,000,000,			(On street	4.	.,								511			-	1
		Four or less	In rear			**	**			**							1
	More than one family each	1	On street														
		More than four	In rear	**			44				**		**	**			1 .
			Total														
			101011111				-			_		-	-	-	=		
		Total.,				**			**					8			
		(Four or less	(On street	120	46	31	121	402	635	47	79	4	20	4	14	6	1,
	COne family each	Four or less	In rear	1	3.0			14	32	10	3	**		2			
	One family each	More than four	On street		2.5	3	1	25	10		1		**				
	1	(More than toot.	In rear	1	**	35	145	14			25	**		**	-15		
ills of brick, stone, iron, or other non-inflammable materials; floor- beams, partitions, stairways, etc., of wood or other inflammable			Total	122	46	34	122	441	677	57	83	4	20	6	14	6	1,
materials		(Ferrical Land	(On street	132	21	17	21	106	36	1	33	1			5	13	
	More than one family each	Four or less	(In rear	2	**		5	3	**		3		**	14.	44		
	( More than one family each	More than four	(On street	101	2	5	1	57	14	**	3	44	1	12		5	
		(More man rour	(In rear	***	**				5	**		4.6	***				
			Total	235	23	22	27	166	55	1	39	1	1		5	18	
		Total		357	69	56	149	€07	732	58	122	5	21	6	19	24	2
		(Four or less	On street	5	4	5	43	32	125	48	42	28	56	39	15		
	(One family each	] Tour or resurring	(In rear		**	17.	2		4	7	6		1	3	**		
		More than four	On street	**	**		- 11		3.6	**	**			1	**		
	1		(In rest			**						***	1	**	**	16	_
It mainly of wood or other inflam- mable materials			Total	5	4	5	45	32	129	55	48	28	58	43	15	16	
		(Four or less	On street		6	t	4	12	13	34	4		11	1			
	More than one family each	1	(In rear		**		**			4				**			
		More than four	On street	**	***	***					**		1	**	**		
			(In rear		**		**	144									-
			Total		6		-	12	===	38	-		11				=
		Total		5	10	6	49	44	142	93	52	28	69	44	15	16	

#### BUILDINGS USED EXCLUSIVELY FOR BUSINESS AND OTHER THAN DWELLING PURPOSES.

	NUMBER OF								DISTRICT.							
MATERIALS BUILT OF-	STORIES ABOVE BASEMENT OR GROUND FLOOR.	LOCATION.	ıst	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	rith.	r2th.	13th.	TOTAL.
Built of brick, stone, iron, or other non-	Four or less	On street	5			18	175	17	9	5	4	6	3			242
inflammable materials, except as to flooring, trimmings, doors, sashes,		(In rear	1	****		5	84		****							79
etc	More than four	On street	58	2	1	****	15	2	1	****				****	****	
		(In rear	****	2111	****							****			****	
		Total	64	2	1	23	274	19	10	5	4	6	3			411
		(On street	1,460	484	306	1,068	1,595	2,161	93	387	130	250	213	74	70	8,291
Walls of brick, stone, iron, or other non- inflammable materials; floor beams,	Four or less	In rear	52	61	8	300	544	402	46	46	10	27	41			1,537
partitions, stairways, etc., of wood or	1	(On street	2,040	196	923	427	445	258	3	26	5	4	8			4,344
other imflammable materials	More than four	In rear	15		2	31	2	18			****					68
	*	Total	3,576	741	1,239	1,826	2,586	2,839	142	459	145	281	262	74	70	14,240
		(On street	113	57	23	175	310	938	364	429	769	414	1,371	249	133	5,345
Built mainly of wood or other inflam-	Four or less	In rear	2	15	10	201	280	306	412	346	398	73	826	10	****	2,879
mable materials	1	(On street				73	4		1				1	****		79
	More than four	In rear				41									****	41
		Total	115	72	33	490	594	1,244	777	775	1,167	487	2,198	259	133	8,344
Aggregate			3,755	815	1,273	2,339	3,454	4,102	929	1,239	1,316	774	2,463	333	203	22,995

# DWELLINGS USED EXCLUSIVELY FOR BUSINESS AND OTHER THAN DWELLING PURPOSES. Sheds, etc., not attached to Buildings used by same Occupants.

Construction.	LOCATION.	DISTRICT.													TOTAL
COSTINUENT	2000000	ıst.	zd.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	rrth.	12th.	13th.	
Built of—  Brick, stone, and iron exclusively	On street	2				12	14	5	2						3
Brick, stone, iron and wood	On street		7		2 7	71	13	1	4 7	1		22 5	2		12
Wood	On street	15 28	29 39	t * 29	41 209	8 <sub>3</sub>	218	55 31	75 127	119	93 77	345 348	70 269	28	1,17
	Total	50	87	30	259	382	483	92	215	244	171	721	341	28	3,10

#### BRIDGES OVER STREAMS, CUTS, ETC.

CONSTRUCTION.						D	ISTRICT	r.						,
CONSTRUCTION	ıst.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	TOTAL
Stone, brick, iron frame, etc	1				2	38	9	1	T	21	7	6		62
Wood	10			2	6		2		11	7	16	8		86
Total	11			2	8	38	11	1	12	28	23	14		148

#### PIERS.

1				District.												
~	ıst.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	rath.	12th.	13 <b>t</b> h	TOTAL.		
	6 <b>x</b>	11		34	43	50	9	31	10	22	11	7	17	306		

## RECAPITULATION AS TO LOCATION OF BUILDINGS AND THE USES OF STRUCTURES.

			Bu	ILDINGS	USED FOR-	-						OTHER			DWELL	LINGS.	Busin	ESS.
,			DWELI	ING PURI	oses.						Sheds.			ures.		ies.		8
Districts.	Exclus	sively.	Princip	ally.	Part	ly.	1	ısively.	zi.		pue			Structures	r Less.	Four Stories	r Less.	ır Stori
	On Street.	In Rear.	On Street.	In Rear.	On Street.	In Rear.	Total.	Business excle	Total Buildings	Sheds, etc.	Total Buildings	Bridges.	Piers.	Aggregate, all	Four Stories	More than Fo	Four Stories	More than For
First	113	76	414	47	358	4	1,012	3.755	4,767	50	4,817	11	61	4.889	. 678	334	1,633	2,122
Second	900	176	1,343	20	79	**	2,518	815	3,333	87	3,420		11	3,431	2,237	281	617	198
Third	19	29	218	5	62		333	1,273	1,606	30	1,636			1,636	272	61	347	926
Fourth	2,558	1,294	5,885	59	191	7	9.994	2,339	12,333	259	12,592	2	34	12,628	7.581	2,413	1,767	572
Fifth	7-947	1,005	6,236	147	634	17	15.986	3,454	19,440	382	19,822	8	43	19,873	13,188	2,798	2,988	466
Sixth	13,500	1,127	6,665	108	833	41	22,274	4,102	26,376	483	26,859	38	50	26,947	19,782	2,492	3,824	278
Seventh	1,718	88	466	70	130	at	2,493	929	3,422	92	* 3,514	11	9	3,534	2,227	266	924	5
Eighth	6,967	157	2,370	7	176	12	9,689	1,239	10,928	215	11,143	1	31	11,175	9.043	646	1,213	26
Ninth	1,521	40	266	2	33	**	1,862	1,316	3,178	244	3,422	12	10	3,444	1,815	47	1,311	5
Tenth	5.547	55	1,247	2	88	2	6,941	774	7.715	171	7,886	28	22	7,936	6,756	185	770	
Eleventh	5,416	162	1,317	36	53	5	6,989	2,463	9,452	721	10,173	23	II	10,307	6,960	29	2,454	
Twelfth	851		60		34		945	333	1,278	341	1,619	14	7	1,640	944	1	333	
Thirteenth	79		100	**	. 24	16	219	203	422	28	450		17	467	184	35	203	
Total	47.136	4,209	26,587	503	2,695	195	81,255	22,995	104,250	3,103	107,353	148	306	107,807	71,667	9,588	18,384	4,611

#### RECAPITULATION OF DWELLINGS AS TO LOCATION AND NUMBER OF FAMILIES OCCUPYING THEM.

	BUILDINGS USED WHOLLY, PRINCIPALLY AND PARTLY FOR DWELLING PURPOSES.											
DISTRICTS.		ONE FAMILY EACH.	1	MOR	E THAN ONE FAMILY E	асн.						
	On Street.	In Rear.	Total.	On Street.	In Rear.	Total.	AGGREGATE					
First	294	19	313	591	108	699	1,012					
Second	312	20	332	2,010	176	2,186	2,518					
Third	127	9	136	172	25	197	333					
Fourth	1,400	168	1,558	7.234	1,192	8,426	9,994					
Fifth	3,685	132	3,817	11,132	1,037	12,169	15,986					
Sixth	8,8rg	189	9,008	12,179	1,087	13,266	22,274					
Seventh	1,318	97	1,415	996	82	1,078	2,493					
Eighth	4.755	137	4,892	4.758	39	4.797	9,689					
Ninth	1,284	21	1,305	536	21	557	1,862					
Fenth	4,062	24	4,086	2,820	35	2,855	6,941					
Eleventh	4,755	183	4,938	2,031	20	2,051	6,989					
[welfth	650	****	650	295		295	945					
Thirteenth	100	16	216	103	****	103	319					
Total	31,561	1,015	32,576	44,857	3,822	48,679	81,255					

#### RECAPITULATION OF BUILDINGS AS TO CONSTRUCTION, USES, AND HEIGHT (SHEDS, ETC., NOT INCLUDED).

		BRICK,	STON	e, Iron Materi	OR OT	HER N	ON-INFL ELV.	AMMABL	E		BRICK	STONE, MAT	IRON AN	D OTH	ER NON	-INFLAM ETC.	MABLE		Woo	DD AND	отне	R INFL	АММАВ	LE MA	FERIALS !	Exclus	IVELY.	
Districts.	u s e Dw Purpo	ldings d for elling eses Ex- ively.	pal Dwell Par Busin Othe	Princi- ly for ling and thy for ess and er Pur- eses.	Busine and for D	dings Princi- ly for ess, etc., Partly welling poses.	used lively Busine Othe Dwelli	dings Exclus- y for ess and r than ng Pur- ses.		for Dy Purpose	gs used veiling s Exclu- ely.	for Dwe Part Busine	gs used ipally lling and ly for ess and ourposes.	pall Busine and I for D	dings Princi- y for ess, etc., Partly welling poses.	Other	sively ness and than ng Pur-		Building for Dw Purp Exclus	elling	Dwell Part Busine Othe	dings Princi- y for ing and ly for ess and r Pur- ses.	pall Busine and for D	dings Princi- ly for ess, etc., Partly welling poses.	Building Exclusion For Busin Other Dwellin pos	ness and than og Pur-		
	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Total.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Total.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Four Stories or Less.	More than Four Stories.	Total.	AGGREGATE,
First	***		3	2			6	58	69	93	49	272	181	255	102	1,512	2,064	4,528	47		3		5		115		170	4,76
Second	.,	1.6	90					2	2	766	68	959	211	67	2	545	196	2,814	242		193	-	10		72		517	3,33
Third		100		10	40			1	1	31	5	164	45	48	8	314	925	1,540	12		11	3	6		33		65	1,60
Fourth		2		**	4.4	**	23	100	25	2,475	695	3,326	1,711	147	2	1,368	458	10,182	678	2	906	1	49		376	114	2,126	12,33
Fifth	1	2	**	ī			259	15	278	7,052	1,387	4,764	1,325	525	82	2,139	447	17,721	510		292	1	44		590	4	1,441	19,44
Sixth	30	3	**	**			17	2	52	11,726	1,559	5,327	888	703	29	2,563	276	23,071	1,302	7	552	6	142		1,244		3,253	26,37
Seventh	22	3	**		**	**	9	1	13	818	197	263	66	58		139	3	1,544	788		207		93		776	1	1,865	3,42
Eighth	16		3		14	40	5		38	5,317	451	2,105	102	118	4	433	26	8,556	1,251	89	167		52		775		2,334	10,92
Ninth		144	5.				4		4	360	14	138	33	5	**	140	5	695	1,187		97	-14	28		1,167		2,479	3,17
Tenth	**	4.0		1	44	**	6		7	4,179	101	927	77	20	1	277	4	5,586	1,318	4	244		68	ī	487		2,122	7,715
Eleventh	44	11	22		8	34	3		33	809		263	3	6		254	8	1,343	4,769		1,040	25	43	1	2,197	ı	8,076	9,45
Twelfth		**	44							58	1	17	**	19		74		169	792		43		15		259		1,109	1,278
Thirteenth		***	**		***			**		31		48	14	19	5	70	**	187	48		38			16	133	**	235	422
Total	47	10	28	4	22		332	79	522	33,715	4,527	18,573	4,656	1,990	235	9,828	4,412	77,936	12,944	102	3,793	36	555	18	8,224	120	25.792	104,250

# ATTORNEY TO THE DEPARTMENT. Violations of Law Relating to Combustibles, etc.

	For	DISP	OSITION.			Disi	OSED C	P.			
				COMM	FORE MENCE- TOF SATION.	A	TER CO	MMENO		NT.	
NATURE OF VIOLATIONS.	Pending last report.	Received since.	Total.	Recalled-Violations Removed.	Recalled for Other Reasons.	Violations Removed before Trial,	Judgment for Department.	Penalty Paid and Discontinued.	Dismissed.	Total.	Now Pending.
Chimney fires		27	27				1	1 2	12	14	13
Total		31	32				1	3	14	18	14

### Violations of Law Relating to Buildings.

	For	DISPO	SITION.			Dis	POSED	OF.			
				COMM	ORE IENCE- T OF ATION.	A			ENCEME ATION.	NT	
NATURE OF VIOLATIONS.	Pending last report.	Received since.	Total.	Recalled-Violations Removed.	Recalled for Other Reasons.	Violations Removed before Trial.	Violations Removed after Judgment.	Dismissed by Court.	Dismissed for Irreg- ularity or Insuffi- ciency of Papers.	Total.	Now Pending.
Defective construction, materials, etc	ioi	590	691	314	19	153	15	13	39	553	13
Erecting, altering or removing without per-	87	482	569	98	35	184	19	24	58	418	15
Insufficient means of escape, fire-escapes,	17	1,523	1,540	298	267	477	57	19	141	1,259	28
Unsafe buildings	2	53	55		1	18	5		7	31	3
Total	207	2,648	2,855	710	322	832	96	56	245	2,261	59

#### Miscellaneous Business.

Nature.	PENDING LAST REPORT.	RECEIVED.	TOTAL.	DISPOSED OF.	Now Pending.
Opinions required	5	18	23	17	6
Agreements		2	2	2	••
Total	5	20	25	19	6

#### Claims for Damage to Department Property, etc.

Against.	NATURE OF CLAIM.	AMOUNT.	Disposition.
U. S. Illuminating Co	Damage to street fire-alarm boxes	\$125 00	Still pending.
Brush Electric Lighting Co.	Damage to street fire-alarm boxes	125 00	Still pending.
Harry Miner	{Failure to keep fire-alarm box in working or-} der at Eighth Avenue Theatre		Law complied with and action discontinued. Law complied with and action discontinued.
Henry D. S. Monroe	Failure to provide telegraphic communication		Premises vacated and action discontinued.

#### Received for Violation Combustible Laws.

As penalties and costs, chimney fire	\$6 50
Total	

#### For Violation Building Laws.

The state of the s		
Violation case No. 657 of 1883, in settlement of claim of Department for work done on premises south side of Seventy-seventh street, twenty feet west of Fourth avenue	\$150	00
Violation case No. 1032 of 1882, judgment	117	50
Violation cases Nos. 1030, 1031, 1033, 1034, and 1035 of 1882, costs.	47	
Violation case No. 815 of 1884, judgment	50	50
Violation case No. 70 of 1885, judgment	117	50
Violation case No. 508 of 1885, judgment	IOQ	50
Fire-escape case No. 892 of 1876, judgment	80	24
Fire-escape cases Nos. 2570 to 2573 of 1884, costs	38	00
Fire-escape case No. 2371 of 1884, judgment	50	50
Fire-escape case No. 12 of 1885, judgment	50	
Fire-escape case No. 1453 of 1885, judgment	50	

Paid as Required by Law-Agril 24, 1885 (section 431, chapter 410, Laws of 1882)

July 1, 1885 "515, ""

August 1, 1885 "515, ""

October 1, 1885 "515, ""

December 1, 1885 "515, ""

24, ""431, ""

31, ""515, "" \$50 00 395 24 38 00 286 50 59 50 56 50 119 00

\$1,004 74

Cases against the Department.

Name of Plaintipp.	Pending last report.	Received.	Nature of Action.	How DISPOSED OF.	Now Pending.
The People ex rel. J. S. Craft			Certiorari to review removal	Writ dismisssd	
The People ex rel. E. W. Van Horn  The People ex rel. L. M. Harned			Certiorari to review removal		1
William Terhune	1		Claim for services	Discontinued	
Albert P. Fuller	1		Claim for services as clerk	"	
The People ex rel. Wm. Dodge	1		Certiorari to review removal		1
Thomas O'Connor	1		Damages for personal injuries		1
Health Department	1		Application for injunction	Injunction granted.	
The People ex rel. F. McGinley	1		Certiorari to review removal	Writ dismissed	4.0
Mary E. Pinckney, as administratrix	1		Damages for personal injuries		τ
The People ex rel. R. L. Kent		1	Certiorari to review removal	Writ dismissed	**
James O'Brien		1	Damages for personal injuries		1
The People ex rel. T. L. Conklin		1	Certiorari to review removal		1
Edward G. Dumahaut vs. John R. Shields		1	Claim for salary		1
	10	4		6	8

FIRE ALARM TELEGRAPH

RECEIVED AT HEADQUARTERS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
First alarms from street boxes	174	172	164	176	146	135	149	94	117	102	127	157	1,713
" bell towers										1		2	3
First alarms from Police Headquarters	2	**		2	**			1					5
First alarms from citizens		1	1.	**	**	2		**			**		3
First alarms from Automatic   Signal Telegraph Co	3	4	2	4	4	4	7	3		2	3	7	43
First alarms from Mutual) District Co	3	2	2	3	3	r	1	1	1	1	1	1	20
Second alarms	12	19	to	14	6	7	7	4	9	3	4	7	102
Third alarms	8	13	4	5	4	5	4	2	5	2	6	2	60
Special calls for companies	18	51	12	14	9	16	17	8	7	1	15	9	177
" water towers.			1.5			2		1	2				5
Special calls for increased water pressure	28	48	24	30	14	18	18	10	24	8	16	6	244
Special calls for Insurance	6	7	6	10	1	5	5	3	4	3	4	4	58
Special calls for ambulances	25	20	16	21	22	28	40	55	33	20	21	15	316
Special building signals	1	3	2	2	1		2	2	2	2	1	1	19
Total alarms and calls.	280	340	242	281	210	223	250	184	204	145	198	211	2,768
Messages transmitted	444	587	352	415	566	453	361	354	394	248	365	504	5,043
" received	660	692	549	620	674	565	566	428	476	356	535	627	6,748
Total messages	1,104	1,279	901	1,035	1,240	1,018	927	782	870	604	900	τ,131	11,791
Notice of companies leaving a quarters on verbal alarms.	90	75	79	84	74	65	88	54	51	67	63	90	880

#### Number of Fire Alarm Keys Issued.

To the Uniformed Force.	922
To others in the Department	
To the Police Department	3,000
To the Fire Insurance Patrol	
To the District Telegraph Companies.	75
To householders	
To citizens	2,295
Total	0
Total	8,912

There are seventy-eight (78) circuits, with an aggregate length of 1,057 miles of wire, strung upon 6,696 poles, and classified as follows:

44 signal box circuits.

8 alarm gong circuits.
4 combination circuits.
12 telephone circuits.
15 tower circuit.
9 special building circuits.
Of the 1,057 miles of wire, 110 miles connect the public school boxes, provided without expense to this Department; inhe hundred and seventy-two (972) signal boxes are in use, of which 654 are regular street boxes, and 26 are special building boxes, connected with city institutions, provided at the expense of this Department, and 161 special boxes connected with the public schools, and 131 special boxes connecting with places of amusement and other private buildings, all of which (292 boxes) are provided without expense to this Department.
All Department and other wires centering at Headquarters, and connected with the fire alarm telegraph, now enter the building through an underground system.

The overhead wires (as such) terminate at points averaging a block from this office, where they are connected to Waring cables, and continued thence underground to the switchboard within the building. There is also a continuous six-conductor cable from these Headquarters to the Headquarters of the Police Department, and others extending to the centre of Broadway, connecting there with the conduit of the Western Union Telegraph Company.

The working of this new feature of the system is admirable, and in case of a conflagration contiguous to Headquarters it would prove of great advantage.

The cost of this has been borne by the Standard Underground Cable Company, without obligation on the part of this Department further than to make such practical tests as are desirable, with privilege of purchase or discontinuance, at its option.

The conduit of the Western Union Telegraph Company above mentioned extends from Dey street through Broadway, Fourteenth street, Fifth avenue, Twenty-third street to Third avenue, and under the terms of their franchise one wire is furnished this Department without cost.

Additional facilities have been courteously furnished by that Company, and complete circuits have been established upon this route, extending from Headquarters south to Warren street, and north to Twenty-third street, and loops are being connected therewith through cables to the street boxes on this route, which are being transferred from the poles to the lamp-posts, the latter being so altered as to accommodate the boxes and at the same time afford light.

Forty additional keyless doors have been provided for street boxes, and are now being attached.

attached.

Twenty-four are now in position.

#### SANITARY STATISTICS OF THE UNIFORMED FORCE.

5	I	vjuries.	D	ISEASES.	AGGREGATE.		
DURING THE YEARS—	No. of Cases.	No. of Days Lost.	No. of Cases.	No. of Days Lost.	No. of Cases.	No. of Days Lost	
1877	59	1,813	144	1,170	203	2,983	
1878	74	1,374	146	2,379	220	3,753	
1879	153	2,670	205	2,086	358	4,756	
t88o	188	3,879	207	2,916	395	6,795	
1881	166	3,391	238	4,138	404	7,529	
1882	219	4,481	329	5,432	548	9,013	
:883	207	3,601	516	7,785	723	11,386	
1884	202	4,302	472	6,086	674	10,388	
1885	216	5,290	504	9,363	720	14,653	
Total	1,484	30,801	2,761	41,355	4,245	72,156	

Examination of candidates for appointment to the Uniformed Force-

Deaths in the Uniformed Force.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF DEATH.	Cause.
Albert Collings	Fireman, 1st gr.	Engine Co. No. 31	Apr. 14, 1876	Jan. 8	Apoplexy.
James P. Smith	" 2d gr	" 17	Dec. 11, 1882	Feb. 4	Killed at fire.
John Ryan	" ist gr.	H. & L. Co. No. 2	Jan. 16, 1871	" 17	Pneumonia
Wm. D. Bliss	" 2d gr	" 5	Dec. 24, 1883	Mar. 31	н
George J. Florence	" 1st gr.	Engine Co. No. 49.	Oct. 2, 1865	May 2	
Frank King	Foreman	" 13	Jan. 14, 1868	" 11	Bright's disease.
Noah A. Stancliffe	Fireman, 1st gr.	" 34	Nov. 21, 1881	June 6	Phthisis.
Michael Daily	" ist gr.	H. & L. Co. No. 14	Mar. 1, 1873	Aug. 19	Heart disease.
Thomas Dunleavy	" 3d gr	Engine Co. No. 29	14 10, 1884	" 25	Result of injuries at fire
John Ennis	" ist gr.	8	Feb. 7, 1873	" 30	Killed at fire.
Dennis McDonald	" ist gr.	" 12	Mar. 7, 1881	Oct. 4	Phthisis.
John Shea	" 2d gr	H. & L. Co. No. 13	May 24, 1882	Dec. 15	Typhoid fever.
Hugh J. Golden	Foreman	Engine Co. No. 52	Feb. 1, 1874	** 16	Heart disease.
William Bullough	Fireman, 1st gr.	" rg	Sept. 18, 1865	" 20	п

#### Retired from all Service During the Year.

			MENT.	MENT.	CAUSE.	
tant Foreman	Engine No.	47	Sept. 1, 1872	Sept. 3	Paralysis.	
eer	**	5	Dec. 22, 1871	" 3	Rheumatism.	
nan	"	40	Nov. 26, 1866	" 3	General debility.	
		19	Mar. 1, 1869	" 3	Bright's Disease.	
		11	Feb. 1, 1874	" 3	Rheumatism.	
	H. and L. Co	. 3	Oct. 21, 1870	" 3	"	
		"	" 11		" 11 Feb. 1, 1874 " 3	

#### Deaths among those Retired from all Service.

NAME.	GRADE.	COMPANY.	DATE OF AP- POINTMENT.	DATE OF RETIREMENT.	CAUSE OF RETIRE- MENT.	DATE OF DEATH.	CAUSE OF DEATH.
Clinton McDonald	Foreman		Sept. 14, 1865 May 11, 1866			Jan. 29 June 24	Heart dis-
James Scott				(1000)		Aug. 21	Paralysis.
Thomas Reilly			Feb. 1, 1873		Rheuma-	Nov. 20	Cancer of mouth.
Matthew D. Conry John McKowen	[Foreman.]	100 C	Sept. 1, 1882		Paralysis	" 8 Dec. 26	Paralysis. Phthisis.

#### Deaths among those Relieved from Service at Fires.

NAME.	GRADE.	DATE OF AP- POINTMENT.	WHEN RELIEVED.	CAUSE.	DATE OF DEATH.	CAUSE.	
Gilbert J. Orr	Chief of Battalion	Sept. 7, 1865	Nov. 1, 1881.	Hemorrhoids	Mar. 9	Phthisis.	

#### APPARATUS.

Two engines (see "description of steam fire-engines" in another part of this report) and one water-tower were purchased under contracts, and one hose tender (four-wheeled) and twenty-two fire extinguishers were also purchased.

#### Old Apparatus Sold.

One hand-engine and four aerial ladder trucks.

#### Repairs to Apparatus under Contract.

One steam fire-engine, new boiler and general repairs, and the contract for providing another engine with new boiler, etc., was executed.

#### REPAIR SHOPS.

#### Manufactured.

2 fuel wagons and one Chief of Battalion wagon.

#### Rebuilt

- 4 hook and ladder trucks.
- 5 two-wheeled hose tenders.
- 2 four-wheeled hose tenders.
- 2 fuel wagons
- 13 Chief of Battalion wagons and buggies.
- I water-tower.

#### Extensive Repairs.

- 32 to steam fire-engines.
  2 to floating engines.
- 15 to hose tenders
- 7 to hook and ladder trucks.
- II to water-towers.

#### Ordinary Repairs.

- 159 to steam fire-engines. 68 to hose tenders.
- 51 to hook and ladder trucks.

87 to various wagons.

And a large amount of miscellaneous repairing and painting.

Seven hook and ladder trucks were equipped with fifty feet extension ladders.

Sliding-poles have been placed in various company quarters.

Tenders have been provided with attachments to carry scaling ladders, which, it is expected, will be found of considerable value in the event of the companies arriving at a fire in advance of a truck company. The attachments will be placed on all the four-wheeled tenders of the Department as rapidly as possible.

The equipping of the various companies with patent swinging harness has been completed, and every company throughout the Department is now provided with the same. Engine 31 and Hook and Ladder to have been provided with drawing rig for three horses abreast, which will be found particularly advantageous during periods of heavy falls of snow.

The apparatus of the Department has been put in good condition for the winter's work.

#### Inventory of Apparatus.

		In Service.	SPARE.	TOTAL.
Marine steam fire-eng	tines (Engine Companies No. 43 and 51)	2		2
	( First size	8	n,	19
	Second size	32	8	40
Steam fire-engines	Third size	6	,	8
	Fourth size	15		15
	Fifth size			
Hose-tenders, four-wh	neeled	25	2	27
Hose-tenders, two-wh	eeled	36	8	44
Water-towers		3		3
	Roller-frame, with extension ladder	22	2	24
Hook and ladder truck	s Goose-neck, without extension ladder	5	2	7
	Roller-frame, without ladders		1	1
Chemical fire-engines.			10	10
Fuel wagons		16	1	17
Wrecking truck		1		1
Chemical fire-extingui	shers	156		156
Hand-engines			4	4
Hose carriages				
Hose jumpers		**	14	14
supply wagon		1		1
Chief of Battalion wag	ons	12		14

#### Inventory of Hose.

	Size.	Number of Feet.
Combination rubber	21/2 inch.	83,850
Cotton, rubber lined	21/2 "	67,242
Linen	21/2 "	1,400
Combination rubber	31/4 "	5,788
	4 "	193
"	6 "	100
Cotton, rubber lined	31/4 "	1,000
Total		159,503

Description	of	Steam	Fire	Frenissan	-Classified.

	Sı	STYLE OF-			Size in Inches of—			ced rvice.	Manufactur	er's-		
ri.	Frame.	Boiler,	Engine,	Steam Cylinder.	Stroke of Piston.	Pump.	eight with Water	When first placed in service,	Name,	Number.	ENGINE COMPANY NOW USING.	
Size	4	B	En	Ste	Str	Pu	W	W	Na	Nu		
1	Barrel tank	Tubular	Double	8	12	434	8,800	Sept., 1865	Amoskeag	. 142	Spare	
1	"	Drop tube.	"	8	12	434		Sept., 1865	" …	. 143		
I	"	Tubular		8	12	414		Sept., 1866 Sept., 1866		1		
Y	** ***	Drop tube.		8	12	41/4	1	Oct., 1866		1	**	
1	"			8	12	41/4	8,800	Nov., 1866	"	. 195	**	
1	Straight frame.		**	81/2	8	43/4		Oct., 1872		. 284		
1	Self-propeller	Tubular	"	75%	8	41/2	17000	Sept., 1874	**	491		
1				75/8	8	41/2	9,600	Oct., 1874 Sept., 1874		492		
1	*Crane neck	Drop tube.	**	75%	8	41/2	9,600	Sept., 1874		494	No. 18	
1		"	**	75/8	8	41/2	7,320	Mar., 1879	Clapp & Jones	1	Spare.	
1	"	Coil	"	71/4	8	41/2	7.575	Sept., 1880	Ahrens	252	No. 13	
1	"	Drop tube.	**	8	7	47/8		Oct., 1880	Clapp & Jones	351	33	
1	"		-	81/8	7	43/8	7,890	Nov., 1880 June, 1882		352	7	
1	"	**	**	81/8	7	5	7,890	July, 1882	**	381	14	
1	н ,,,		**	81/8	7	5	7,890	Aug., 1882	**	383	19	
1			"	81/8	7	5	7,890	Sept., 1882	**	385		
2	U tank	Tubular	Single.	8	12	43/4	6,750	Dec., 1860	Amoskeag	19	Ward's Isl'd.	
2 2	"			8	12	434	6,750	Oct., 1865 Nov., 1865	"	1	No. 26 Spare.	
2	*	"		8	12	434	6,750	Dec., 1865	"	148	Spare.	
2		"		8	12	434	6,750	Dec., 1865	"	158	No. 54	
2	"	" ,,,	-0	8	12	434	6,750	Jan., 1866	"	159	34	
2	"	** ***	11	8	12	434	6,750	Jan., 1866		160	12	
2		** ***		8	12	434	6,750	Feb., 1866	"	1	Spare.	
2		Drop tube.	44	8	12	434	6,750	Feb., 1866 Mar., 1866		162		
2		Tubular	in	8	12	43/4	6,750	April, 1866	"	164	**	
2	"	41 111	44	8	12	434	6,750	April, 1866		165	No. 16	
2	"	"	**	8	12	43/4	6,750	Aug., 1866		166	Spare.	
2	Harp tank	" …		8	12	47/8	6,050	May, 1865	"	132	No. 36	
2	Straight frame.	Drop tube.	Double	63%	8	41/8	6,700	Mar., 1867		226	28	
2		"	44	67%	8	478	6,700	Mar., 1867 Mar., 1867	"	227	31	
2	u	"	**	676	8	41/6	6,700	April, 1867		229	25	
2	46	*	**	6%	8	43/8	6,700	May. 1867	w	230	5	
1	16	" .,.	38.	6%	8	41/8	6,700	Aug., 1868	" ,,,,	295	23	
2	и.	Tubular	"	63/8	8	43/8	6,700	Sept., 1868	"	296	16	
	***		11.	67/8	8	41/8	6,700	Sept., 1868	"	301	Spare.	
2	Crane neck	Drop tube .	**	636	8	200	6,800	Nov, 1868 Feb., 1871	*	359	No. 24	
2	*	Tubular	**	676	8	41/8	6,800	Feb., 1871	"	360	15	
2	" ,,,,	Drop tube.	**	67%	8		6,800	Mar., 1871	"	361	6	
2	"	"	**	63/8	8	41/8	6,800	Mar., 1871	"	362	30	
	"	Tubular	44	63%	8	43/4	6,800	Mar., 1871	"	363	11	
	"	Drop tube.	**	67/8	8	434	6,950	June, 1873 June, 1873	"	437	8	
1	"	"	**	63%	8	414	6,950	July, 1873		439	12	
-	"	Tubular	**	6%	8	41/4	6,950	Sept., 1873		440	29	
		Drop tube.	"	678	8		6,950	Sept., 1873	"	44T	3	
	"	Tubular		6%	8	434	6,800	Sept., 1873	"	455	39 Ward's Talla	
	"	Coil		634	8		6,210	Nov., 1868 July, 1883	Ahrens	7 358	Ward's Isl'd. No. 13	
	"	"	**	63/4	8	200	6,210	July, 1883	"	350	20	
	"	Drop tube.		73/2	7	45/8	6,550	July, 1883	Clapp & Jones.	413	32	
	"		"	71/2	7	BOND.	6,485	Aug., 1883	"	415	27	
	Harp tank		Single.	71/2	7		6,885	July, 1885		463	31	
	"	Tubular	Single.	734	91/2		5,550	May, 1861 Dec., 1876	Amoskeag	36	Spare,	
	·	"	"	734	9	F-54	5,700	Feb., 1877	"	516	No. 37	
-	"	*	"	734	9	Deg.	5,700	Feb., 1877		519	38	
	"		"	234	9	438	5.700	Feb., 1877	"	520	47	
	Straight frame.	Coil	"	8	7	- 1	4,665	July, 1883	Ahrens	354	45	
	Horizontal	Tubular	"	8	7	- 1	4,665	July, 1883	" ······	356	42 § Randall's	
ш	Crane neck	Drop tube.		914	6	51/2	5.750	Aug., 1865 June, 1881	Clapp & Iones	250	Island.	
	"			934	6	-00	5,750	June, 1881	Clapp & Jones .	359 362	14	
	"		"	914	6	100	5,750	July, 1881	"	365	53	
-	"		"	914	6	- 3.	5,300	Oct., 1881		368	33	
	"		"	914	6	-	5,300	Oct., 1881		370	40	
	****		- 1	91/4	6	51/2	5,300	Nov., 1881	**	371	49	
	"	"	**	914	6	51/2	5,300	Dec., 1881		375	41	

\*Altered from self-propeller.

Dec. 31, 1884

Dec. 31, 1885

Receipts:

\$8.461 55

19,000 00 \$2,675 48

	STV	LE OF-		INC	HES O	N OF—	Water.	laced service.	MANUFACTURE	R's—		1
Size.	Frame.	Boiler,	Engine.	Steam Cylinder,	Stroke of Piston.	Pump.	Weight with Water	When first placed in servi	. Name.	Number.	ENGINE COMPANY NOW USING.	
4	Crane neck	Drop tube.	Single .	91/4	6	51/2	5,900	April, 1884	Clapp & Jones.	432	No. 22	
4	"	**		91/4	6	51/2	5,900	May, 1884	**	433	5	1
4	"	- 66	**	91/4	6	51/2	5,900	May, 1884	44	434	2	1
4	"	-16	"	91/4	6	53/2	5,900	May, 1884		436	26	1
4	"	**	- 66	91/4	6	51/2	5,900	June, 1884	**	438	35	1
4	Straight frame.	ii -	**	91/4	6	51/2	4,745	July, 1883	**	409	48	1
4	"		**	91/4	6	51/2	4,745	Aug., 1883	**	417	46	ı
5	**	**	46	73/2	6	45/8	4,680	Nov., 1882		397	50	ı
5	Crane neck	и	**	71/2	6	4%	5,030	Nov., 1884	"	452	52	H
1	Marine engine.	Tubular	Double	{ 111	12	5	:::}	May, 1875	Amoskeag {	513	} 43	
1	"	"	**	{16		71/2	}	April, 1883	Clapp & Jones {	405 406	} 5x	

#### Description of Hook and Ladder Trucks-Classified.

No.	Size.	STYLE.	MANUFACTURER.	Longest Ladder.	WHERE USED,
3	rst	Roller frame	Fire Ext'r Mfg. Co	73 feet extension.	Hook and Ladder 6, 9 and 15.
2	ıst		Repair Shops	73 " "	Hook and Ladder 8 and 10.
r	ıst	"	Allerton Works	73 " "	Hook and Ladder 9.
*5	ıst		Repair Shops	70 " "	Hook and Ladder 2, 5, 11, 12 and 14.
6	ıst	"	"	65 " "	Hook and Ladder 1, 3, 4, 7 and 13, and one spare.
1	ist	"	Allerton Works	65 " "	Spare.
1	ıst	**	Babcock Mfg. Co		Not used.
4	2d	"	Repair Shops	50 feet extension.	Engine 47, 48, 50, Hook and Ladder 17.
2	2d	"	Fire Ext'r Mfg. Co	50 " "	Engine 38 and 39.
1	3d	Goose neck		43 "	Ward's Island.
1	3d			40 "	Spare.
1	3d	"		38 "	Hook and Ladder 5.
1	3d	"		35 "	Engine 49.
2	3d	"		30 "	Hook Ladger 19 and Randall's Island.
1	3d				Spare.

<sup>\*</sup> One originally built by Hartshorne, New York.

Number of norses on hand December 31, 1604	
Purchased since 4	
	343
Died	)
Sold	5
	- 16
	_
Number on hand December 31, 1885	. 327
	==
On Probation.	
Received	*110
Accepted 4	
Rejected	3
	104
	_
Remaining on probation	. 6

<sup>\*</sup> Nine of these were on probation at the close of the previous year.

-Chause on hand December 27 199

#### NEW BUILDINGS.

A new building for quarters of Engine Company No. 45, on the north side of Tremont avenue, between the Southern Boulevard and Vyse street, was begun and completed during the year, and the company occupied it in December, vacating the old and dilapidated quarters on Division street, near Boston road. The building reported as in process of erection, in the report of 1884, for quarters of Hook and Ladder Company No. 15, in Old Slip, between Front and Water streets, was also finished and occupied by the company in December. Both of these houses, while having all the interior improvements of the best houses heretofore built, present, externally in style of architecture, a pleasing departure from the stereotyped appearance of the apparatus houses heretofore erected.

The building intended for quarters for a new company (Hook and Ladder No. 16), and for other departmental uses, on the north side of Sixty-seventh street, between Third and Lexington avenues, the erection of which was begun in 1884 (see report for that year), will soon be ready for occupancy by the company to be organized.

Adjoining this structure, upon the ground heretofore occupied by Engine Company No. 39, at No. 159 East Sixty-seventh street, the erection of a new building for that company, and for other departmental uses, was begun and is still in process, the company being meanwhile located temporarily at No. 439 East Sixty-eighth street, in a building leased for the purpose, with the sanction of the Sinking Fund Commissioners.

These buildings will, when completed, form one structure, to be used by the companies named, the Fire Alarm Telegraph, Life Saving Corps School of Instruction, Bureau of Inspection of Buildings, and possibly for Department Headquarters; and the two lots in rear, extending to Sixtyeighth street (assigned to the Department by the Sinking Fund Commissioners), will be used for drill and instruction, and are being graded for the purpose.

#### ALTERATIONS AND REPAIRS TO BUILDINGS.

Extensive alterations were made to the quarters of Engine Companies No. 2 and 25.

The Hospital Stables and the quarters of Engine Companies No. 7, 12, 33 and 36, and Hook

and Ladder Company No. 1, were also altered.

Repairs of various kinds were made to Headquarters, Repair Shops, Training Stables, Mount Morris Bell-tower, Fuel Depot No. 1, and in the aggregate ninety-seven (97) to the quarters of the various companies.

	For assessments	\$12,984 00	
	" interest on deposits	129 93	13,113 93
с. 31, 1885	Disbursements:		\$21,675 48
	To administratrix of Albert Collings	\$1,000 00	
	" James P. Smith	1,000 00	
	To widow of John Ryan	1,000 00	
	" Clinton McDonald	1,000 00	
	" Gilbert J. Orr	1,000 00	
	" William D. Bliss	1,000 00	
	" George J. Florence	1,000 00	
	" Frank King	1,000 00	
	" Frederick Lord	1,000 00	
	" Noah A. Stancliffe	1,000 00	
	" Thomas Dunleavy	1,000 00	
	" Michael Daily	1,000 00	
	" James Scott	1,000 00	
	" John Ennis	1,000 00	
	To administratrix of Dennis McDonald	1,000 00	
	To widow of Mathew D. Conry	1,000 00	
	To administratrix of John Shea	1,000 00	
	To widow of Thomas Reilly	1,000 00	

STATEMENT NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND.

Balance on hand.....

RECEIPTS AND DISBURSEMENTS OF THE NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND, 1871-1885.

William Bullough .....

Receipts.		
1871	\$5,040 00	
1872	7,773 00	
1873	8,789 00	
1874	6,395 00	
1875	12,508 00	
1876	11,074 00	
1877	8,965 00	
1878	9,241 00	
1879	9,293 00	
1880	9,640 00	
1881	10,333 47	
1882	10,917 34	
1883	11,747 15	
1884	12,845 59	
1885	13,113 93	
Total receipts		\$147,675 48

Disbursements.		
1871	\$5,000 00	
1872	6,000 00	
1873	9,000 00	
1874	5,000 00	
1875	14,000 00	
1876	8,000 00	
1877	8,000 00	
1878	3,000 00	
1879	9,000 00	
1880	12,000 00	
1881	10,000 00	
1882	15,000 00	
1882	0.000.00	

	19,000 00		
Total disbursements	145,000	00	
Balance on hand December 31, 1885		52,675	48

BUILDINGS OCCUPIED BY OR UNDER THE CONTROL OF THE DEPARTMENT.

BUILDINGS OCCUPIED BY OR UNDER THE CONTROL OF THE DEPARTMENT.

Headquarters—Office of Commissioners, Bureaus—Chief of Department, Inspector of Combustibles, Fire Marshal and Inspector of Buildings, and offices of Attorney, Fire Alarm Telegraph, and Medical Officers, Nos. 155 and 157 Mercer street.

Repair Shops, Nos. 130 and 132 West Third street.
Hospital Stables, Ninety-ninth street, between Ninth and Tenth avenues, assigned to this Department by the Sinking Fund Commissioners November 4, 1885.

Training Stables, No. 58 Lawrence street.
Bell-tower and Lookout, Mount Morris Square.
Bell-tower and Lookout, Fulton avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets, rear of quarters of Engine Company No. 42.
Lookout, southwest corner of Tenth street and Sixth avenue, Jefferson Market Court-house.
Engine Company No. 1, No. 165 West Twenty-ninth street.

"3, No. 147 West Seventeenth street.

"4, No. 30 Liberty street.

"5, No. 340 East Fourteenth street.

"6, No. 100 Cedar street.

"7, No. 22 Chambers street.

"8, No. 105 East Fifty-first street.

"9, No. 55 East Broadway.

"10, No. 8 Stone street.

1884 . . . . . . 1885 .....

Engine Company No. 11, No. 437 East Houston street.

"12, No. 261 William street.
"13, No. 99 Wooster street.
"14, No. 14 East Eighteenth street.
"15, No. 269 Henry street.
"16, No. 223 East Twenty-fifth street.
"17, No. 91 Ludlow street.
"18, No. 132 West Tenth street. (Fuel Depot No. 4.)
"19, No. 355 West Twenty-fifth street. (Fuel Depot No. 12.)
"20, No. 47 Marion street.
"21, No. 216 East Fortieth street.
"22, No. 159 East Eighty-fifth street. (Fuel Depot No. 14.)
"23, No. 235 West Fifty-eighth street.
"24, No. 78 Morton street.
"25, No. 342 Fifth street.
"26, No. 220 West Thirty-seventh street.
"27, No. 173 Franklin street.
"28, No. 604 East Eleventh street.
"29, No. 193 Fullon street.
"30, No. 253 Spring street.
"31, No. 116 Leonard street.
"32, No. 108 Jellon street.
"33, No. 15 Great Jones street.
"34, No. 440 West Thirty-third street.
"35, No. 223 East One Hundred and Nineteenth street.
"36, No. 233 Sast One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets.
"37, No. 83 Lawrence street.
"38, Tenth avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth street; between Tenth avenue and Boulevard.
"41, No. 501 North Third avenue. |
"42, Fulton avenue, between One Hundred and Sixty-seventh and Nineteenth street.
"44, No. 221 East Seventy-fifth street.
"45, North side Tremont avenue, between Southern Boulevard and Vyse street.
"46, Morris street, between Ninety-seventh and Ninety-eighth streets.
"47, Teuth avenue, between Ninety-seventh and Ninety-eighth streets.
"48, Teuth avenue, between Ninety-seventh and Ninety-eighth streets. North side Tremont avenue, between Southern Boulevard and Vyse street.
 Morris street, between Madison and Washington avenues.\*
 Tenth avenue, between Ninety-seventh and Ninety-eighth streets.
 Thomas avenue, near Kingsbridge road.
 Blackwell's Island.
 One Hundred and Sixty-sixth street, between Washington and Third avenues.
 (Floating engine), foot of West Thirteenth street.

Engine Company No. 52, Riverdale avenue, near junction of Westchester avenue.

"53, No. 175 East One Hundred and Fourth street. (Fuel Depot No. 15.)

"54, No. 304 West Forty-seventh street. (Fuel Depot No. 5.)

Hook and Ladder Company No. 1, No. 26 Chambers street.†

"2, No. 108 East Flittleth street.

"4, No. 788 Eighth avenue.

"5, No. 108 East Flittleth street.

"6, No. 77 Canal street.

"7, No. 217 East Twenty-eighth street.

"8, No. 7 North Moore street.

"9, No. 209 Elizabeth street.

"10, No. 191 Fulton street.

"11, No. 742 Flifth street.

"12, No. 243 West Twentieth street.

"13, No. 150 East Eighty-seventh street.

"14, No. 120 East One Hundred and Twenty-fifth street.

"15, Old Slip, between Water and Front streets.

"17, One Hundred and Forty-third street, near Third avenue.

(Fuel Depot No. 1, No. 5 Duane street.

"2, No. 160 East Thirty-third street.

"3, No. 160 East Thirty-third street.

"4, No. 160 East Thirty-third street.

"5, No. 8 Beaver street. 1

"6, No. 8 Attorney street.

"7, No. 28 Beaver street. 1

"8, No. 202 East One Hundred and Twenty-second street.

"9, No. 28 East Company No. 24).

"10, No. 28 East Company No. 24).

"11, No. 173 Elm street (and store-house).

"12 (see Engine Company No. 24).

"13 (see Hook and Ladder Company No. 2).

"14 (see Engine Company No. 2).

"15 (see Engine Company No. 2).

"16 (see Engine Company No. 2).

"17 (see Engine Company No. 2).

"18 (see Engine Company No. 2).

"19 (see Engine Company No. 2).

"19 (see Engine Company No. 2).

"19 (see Engine Company No. 2).

"10 (see Hook and Ladder Company No. 17).

Store-house, No. 20 Eldridge street.

"No. 180 Chrystie street, also occupied by second section of Hook and Ladder Company No. 9.

"19 (see Hook and Ladder Company No. 17).

The locations marked thus (\*) are leased by the Department; all others are City property. The locations marked thus (\*) are only in part occupied by the Department. At the locations marked thus (ii) lots in rear or adjacent are leased by the Department.

## RECEIPTS AND DISBURSEMENTS OF THE RELIEF FUND, 1871-1885.

Receipts.

FROM.	7 Months.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	TOTALS.
Metropolitan Fire Department Relief Fund	\$7,340 07		*******													\$7,340 07
Fines	646 51	\$621 64	\$843 31	\$734 79	\$972 51	\$567 15	\$489 46	\$568 98	\$568 o3	\$1,068 89	\$868 80	\$1,304 55	\$1,966 33	\$1,703 23	\$2,005 84	14,930 02
Donations		100 00	1,060 00	374 00	******	100 00		100 00				100 00	*******	100 00	258 co	2,192 00
Penalties		170 63	902 34	705 00	2,389 63	1,600 00	1,925 00	1,250 00	350 00	400 00	525 00	325 00	460 00	400 00	550 00	11,952 60
Oil licenses	26,230 00	27,528 50	30,399 50	31,827 50	29,454 50	27,285 00	30,103 00	29,750 00	30,300 00	29,760 00	31,180 00	31,270 00	32,720 00	35,270 00	36,550 00	459,628 00
Fireworks permits	495 00	509 00	537 00	522 75	519 25	645 50	472 25	332 75	355 00	363 50	409 25	440 75	462 75	513 50	583 75	7,162 00
Interest	275 55	1,999 86	4,258 91	9,298 22	10,410 44	11,795 22	17,210 91	15,493 90	18,680 49	22,140 20	22,885 58	23,468 10	20,347 85	24,764 43	20,567 30	223,596 00
Foreign insurance tax		9,942 30	12,072 04	16,136 25	15,281 24	12,878 98	12,112 10	16,630 02	17,582 80	*******	********					112,635 73
Powder licenses	*******	311 00	571 50	241 50	306 50	385 50	384 50	192 00	180 00	178 00	186 00	188 00	198 00	190 00	168 po	3,580 50
Special permits	*****		*******					258 00	274 00	328 oc	370 00	366 oo	722 00	872 00	806 co	3,996 00
Chimney fires		245 00	440 00	375 00	355 00	245 00	260 00	240 00	180 00	290 00	305 00	320 00	360 co	325 00	441 50	4,381 50
Fires in street permits		*******		******	*******	50	41 75	85 00	64 00	56 50	65 00	63 00	59 00	60 50	69 50	564 75
Sales—Seized combustibles	*****	*******	24 25		*******	,			6 30	10 00	63 25	35 37		6 75	********	145 92
Sales—Sample oils			*** ****	27 05				10 00		1 35	50.00					88 41
Excise licenses							*******								18,397 ∞	18,397 ∞
Sales-Condemned horses, etc	*******	********	*******		*******		,,,,,,,,	.,			*******	*******	*******	,,,,,,,,	513 90	513 90
Absences without leave	*******			*******	*******			*******		*******					176 00	176 00
Special leaves				*******											2,081 96	2,081 96
Totals	\$24.087 12	617 227 02	4er 108 8e	660 040 00	\$50 680 07	der con Re	462 008 07	eferovo fe	468 *** 60	des 206 14	4r6 non 88	6 c = 880 c = =	SET 205 02	664 205 41	482 168 95	\$873,363 32

#### Disbursements.

For.	7 Months.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	TOTALS.
Salaries	\$5,950 45	\$12,276 86														\$18,227 3
Expense account	905 97	1,460 54	\$1,223 09	\$1,569 70	\$1,292 96	\$1,745 23	\$2,106 54	\$2,014 49	\$1,075 23	\$18 50	\$20 00	\$38 50	\$19 25	\$26 85		13,516 8
Pay of relieved men								2,199 96	1,799 96	928 31	858 29	7,432 54	10,789 04	10,427 46	\$9,838 58	44,274 1
Pensions of retired men				********				6,068 40	8,073 24	12,906 19	21,211 78	23,190 01	24,018 17	44,274 59	55,550 15	195,292 5
Pensions of widows and orphans	*******	*******	1,819 50	2,625 00	2,736 68	3,344 53	4,220 09	5,800 71	6,329 94	13,339 63	15,388 16	17,561 27	20,369 40	23,133 65	25,116 27	141,784 8
Totals	\$6,856 42	\$13,737 40	\$3,042 50	\$4,104.70	\$4,020 64	\$5,080 76	\$6,326 63	\$16,083 56	\$17,278 37	\$27,192 63	\$37,478 23	\$48,222 32	\$55,195 86	\$77,862 55	\$90,505 00	\$413,095 6

REC	API	TU	LA	TI	ON.

 Receipts, June 1, 1871, to December 31, 1885.
 \$873.363 32

 Disbursements, June 1, 1871, to December 31, 1885.
 413,095.66

 413,095 66 460,267 66 Balance on hand December 31, 1885.....

It is with great satisfaction that the Commissioners feel warranted in stating that the discipline of the Department is good; that the personnel, apparatus, horses, hose, implements, houses, etc., are generally in good condition, and fully prepared for the work the Department may be called upon to perform during the ensuing year. Very respectfully,

HENRY D. PURROY, RICHARD CROKER, ELWARD SMITH, Commissioners.

#### FINANCE DEPARTMENT.

Abstract of the transactions of the Bureau of the City Chamberlain for the week ending January 30, 1886.

OFFICE OF THE CITY CHAMBERLAIN, NEW YORK, February 4, 1886.

Hon. WM. R. Grace, Mayor:

SIR—In pursuance of section 165 of the Consolidation Act of 1882, I have the honor to present herewith a report to January 30, 1886, of all moneys received by me and the amount of all warrants paid by me since January 23, 1886, and the amount remaining to the credit of the City on January 30, 1886.

Very respectfully.

Very respectfully, WM. M. IVINS, Chamberlain.

THE MAYOR, ALDERMEN AND COMMONALTY OF THE CITY OF NEW YORK, in account with WM. M. IVINS, Chamberlain, during the week ending January 30, 1886. DR.

30 T	o Additional Water Fund. Armory Fund. Armory Fund. Armory Fund. Croton Water Fund. Croton Water Fund. Commission—Awards Commissioners of Excise Fund. Dock Fund. Fund for Local Improvements Morangside Park Improvement Fund Restoring and Repoxing—Department of Public Works. Refunding Taxes Faid in Error Theatre Licenses.		\$491 39 10,242 0b 963 72 176 19 75 50 113 88 6,650 55 8,709 25 23,152 50 781 80 433 43 7,550 00	\$59,340 21	1886. Jan. 23	By Balance.  Arrears of Taxes. Interest on Taxes. Interest on Assessments. Fund for Street and Park Openings Fund for Local Improvements. Charges on Arrears of Taxes. Charges on Arrears of Assessments Gansevoort Market Fund. Land Drainage Fund. Greenwich Street Railroad. Taxes. Interest on Taxes.	Cady  Kelso McLean	\$39,352 95 8,381 06 6,310 64 816 64 23,643 10 39 50 7 00 5 00 10 00 5,131 59 119,330 40 2,832 25	\$4,554,216 s
	Contingencies—District Attorney's Office Contingencies—District Attorney's Office Contingencies—Law Papartment Contingencies—Law Papartment Contingencies—Law Papartment Contingencies—Law Papartment Contingencies—Mayor's Office Contingencies—Mayor's Office College of the City of New York College of the City of New York College of the City of New York Cleaning Streets—Department of Street Cleaning Cleaning Streets—County Officers and Witnesses  In Disbursements and Fees—County Officers and Witnesses  To Procuring and Presenting Evidence Relative to Frands, etc. For Deficiencies of 1858 and revious Years For Burial of Honorably Discharged Soldiers, Sailors and Marines Fire Department Fond—Apparatus.  Hospital for the Care of Contagious Diseases Interest on the City Debt—Before January, 1884  Interest on the City Debt—Before January, 1885  Indigments  Lamps and Gas and Electric Lighting  Maintenance—Twenty-third and Twenty-fourth Wards.  Maintenance and Gevernment of Parks and Places—Supplies  Maintenance and Gevernment of Parks and Places—Supplies  Maintenance and Gevernment of Parks and Places—Police.	585, 585, 586, 5885, 586, 5885, 586, 5885, 586, 5885, 586, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5886, 5885, 5885, 5886, 5885, 5886, 5885, 5	\$69, 75 4,959 71 26 60 70 30 98 21 93 98 21 92 20 22 20 28 7 50 85 59 52 44 6 00 70 90 31,61 38 6 00 31,61 38 6 00 31,61 38 6 00 33,61 38 6 00 33,61 38 6 00 33,61 38 6 00 33,61 38 75 75 75 75 76 78 77 78 78 78	509,340 2.		Water Meter Fund No. 2. Licenses. Permits Dog Locense Fund Tapping Pipes. Water Meter Fund No. 2. Water Meter Fund No. 2. Forfeited Recognizances Dock Fund Dog License Fund General Fund	Byrnes. Wood. Chambers Department of Public Works Martine Matthews McMahon. Comproller Britton Squire	33 59 33 59 35 59 50 20 62 20 64 9 13 213 60 1 25 23 7 50 23 7 50 24 7 50 24 7 50 25 24 7 50 27 7 7 50 27 7 50 27 7 50 27 7 50 27 7 50 27 7 50 27	214,242 9
	New York Hintar Asylum Protestant Repiscopal House of Mercy Publication of the Crry RECORD. Public Buildings—Construction and Repairs Public Charities and Correction—Supplies Thubic Charities and Correction—Supplies Trubic Instruction. Thubic Charities and Correction—Supplies Trubic Lorities and Correction—Supplies Trubic Charities and Charities To Severa Separating and Charities To Severa—Repairing and Cleaning Surpets To Defray Expenses of Proceedings in Street Openings Telephonic Service.	(886. (885. (885. (885. (885. (885.	* 29 37 5.392 43 267 65 48 287 19 2.577 19 2.577 19 2.577 19 588 67 10,968 67 44 50 10,873 50 12 00 231 64 33 00 939 44 55 1,000 00	89,340 10					
	Balance			4,619,778 89					

E. & O. E.

New York, January 30, 1886.

WM. M. IVINS, Chamberlain.

THE COMMISSIONERS OF THE SINKING FUNDS OF THE CITY OF NEW YORK, in account with WM. M. IVINS, Chamberlain, for and during the week ending January 30, 1886.

				REDEMPTION	OF THE CITY EBT.	SINKING FUN PAYMENT OF I THE CIT	INTEREST ON
1886. un. 23 " 30	By Balance, as per last account current.  Assessment Fund. Street Improvement Fund West Farms Gas Tax.  Market Rent and Fees. Dock and Slip Rent Street Vaults Sinking Fund Redemption—Surplus Interest Commissioner of Juror's Fines  Croton Water Rent and Penalties. Interest on West Farms Gas Tax. Coton Water Farms Gas Fax. Forty Rent and Fineses.  Court Fees and Fines. Ferry Rent	Cady Byrnes Kelso Matthews Squire Commissioners Sinking Fund Reilly Chambers Cady  McLean Sparks	\$1.577 20 19,704 87 5 53 83 00 4.453 83 2,477 06 501 00 750,000 00 350 00 \$42,132 99 2 00 1,146 53 741 50	Dr.	CR. \$1,007,663 70 779,152 49	DR.	CR. \$851.793 35
	To Sinking Fund Redemption. "Interest Estances		:::::::::::::::::::::::::::::::::::::::	\$168 75 1,786,647 44		\$750,000 00 171,331 37	69,538 02
				\$1,786,816 19	\$1,786,816 19	\$921,331 37	\$921,331 3

1886.

Week

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to

disposed

finally

Code.

the

Violations

for Penalties

for

Suits

110

# EW Z CITY OF DEPARTMENT

LOCATION.		DEFENDANT.	Appress.	OWNER, AGENT, OR LESSEG,	SUBJECT OF COMPLAINT, ORDER OR OF ESSE CHARGED.	Vature of Ac- tion, Civil or Criminal	ection of Sami- tary Code Violated.	solidation Ac Violated, Violated, io. of Inspec- tions on Order	RESULT OF TRIME.	REASONS OF ACQUIT- TAL OR DISCHARGE.	No.or Sorr.	NAME OF COURT.	mount of	mount Collected. ismissed by Court.	onsent of At- torney to Discontinue.	REASONS THEREFOR.	benzel Issued.	REASON WHY EXECUTION 15 NOT LISSUED.	DATE OF ARREST.	REMARKS.
Nind and	3	In Grass	1885, 1885,		-		S						V	v	0		1	1		
	2		31 red arms	Owner	trapped	Civil	92	3	Judg. for plrft.	Car	793	793 Third Dist. Court \$59 50	05 65\$ 1	None			No	notified.		Order partly complied with.
31 Canal st Philip Bendit On premises	2	nilip Bendit		Owner	Fowls to be removed and	::	261		7		823	:	59 50	:	*****		*	4		Order partly complied with.
ront st	>	Tilliam Crontwell	288 Front st William Cromwell 226 E. 12th st Owner	Owner	water tight, etc.; pavement graded and revaired		92	*	:		863	:	59 50	4			3			
ester st B	24	losa Fleck	71 Hester st Rosa Fleck On premises	:	Chicken coop in cellar to be cleaned, removed, etc		26	:	2 0		998	*	59 50	:			:			
	0	eo. F. Johnson	Geo. F. Johnson. 148 E. 34th st		School sink required at 321	Criminal.	902		For people,			Special Sessions.	15. TO 00			***************************************		1	Dec. 18, 1885	Order complied with
:		Kohlman Meyer.	Kohlman Meyer. On premises		Bob veal, kept or sale		30					:	20 00	:			:		Jan. 20, 1886	
6 Jersey 8t		Michael Callandro	Michael Callandro 613 Greenwich st	*********	permit		203						5 00				*****	***************************************	** *8* **	
rsey st		Gesiton Callandro	9 Jersey st Gesiton Callandro 613 Greenwich st		(Storing and carting bones, no)	:	203		#1			:	1 00	:			*****		18,	
rsey st		John Paedritz	john Paedritz 613 Grenwich st		Storing and carting hones, no	:	203	:	=						-		:		** ,84 **	

and Attorney PRENTICE, 4

made. 6 arrests

and

executions were issued in 4 cases,

abated,

nuisances

81

Attorney's Notices issued,

182

suits begun,

37

there

office v

ordinary

Besides the

included in the above

of Health

Board

Report to the

Statistics in the Attorney's Weekly

Respectfully

EXECUTIVE DEPARTMENT.

MAYOR'S MARSHAL'S OFFICE, New YORK, February 13, 1886.

Number of licenses issued and amounts received therefor, in the week ending Friday, February 12, 1886:

DATE.		NUMBER OF LICENSES.	AMOUNTS.
Saturday, Februa	ry 6	97	\$90 75
Monday, "	8	190	197 50
Tuesday, "	9	236	245 50
Wednesday, "	10	308	324 00
Thursday, "	11	261	246 00
Friday, "	12	365	381 50
Totals		1,457	\$1,485 25

THOMAS W. BYRNES, Mayor's Marshal.

MAYOR'S OFFICE, NEW YORK, January 7, 1886.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate "New York Times" and the "Daily News"

"New York Times" and the "Daily News two of the daily newspapers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public action in said city, by pawnforkers, shall be published for at least six days previous thereto, until otherwise ordered.

W. R. GRACE, Mayor.

MAYOR'S OFFICE, NEW YORK, December 31, 1885.

New York, December 31, 1885. In pursuance of the ordinance, approved April 30, 1877, and amended June 1, 1877, entitled, "An ordinance to prevent the danger of hydrophobia to any of the inhabitants of the City of New York," notice is hereby given that all Dogs found at large in the City of New York on and after January 1, contrary to such ordinance, will be siezed and disposed of as provided therein.

The Dog Pound at the foot of Sixteenth street, East river, is hereby designated as the place where dogs so captured must be delivered to the Keeper thereof. The Pound will be open from eight o'clock A. M. until five o'clock P. M. daily, Sundays excepted, on and after the first day of Ianuary, 1886.

WM. R. GRACE,

WM. R. GRACE, 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 adjourned as of the places where such offices are kept and Courts are held; together with the heads of Departn and Courts.

EXECUTIVE DEPARTMENT.

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 6 City Hall, 10 A. M. to 3 P. M.

WILLIAM R. GRACE, Mayor; WILLIAM L. TURNER.
Secretary and Chief Cierk.

No. 1 City Hall, 9 A. M. to 4 P. M.

THOMAS W. BENNER, First Marshal.

GEORGE W. BROWN, JR., Second Marshal.

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

AQUEDUCT COMMISSIONERS.
Room 200, Stewart Building, 5th floor, 5 A. M. to 5 F. M.
THE MAYON, President; JAMES W. MCCULDH, Secretary: BENJAMIN S. CHUKCH, Chief Engineer.

LEGISLATIVE DEPARTMENT. Office of Clerk of Common Council.
No. 3 City Hall, 10 A. M. to 4 P. M.
ROBERT B. NOONEY, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library. No. 12 City Hall, 10 A. M. to 4 P. M.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

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

ROLLIN M. SQUER, Commissioner; DAVID LOWBER

SMITH, 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
JOHN H. CHAMBERS, Register. Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M. GEORGE A. JEREMIAH, Superintendent.

Engineer-in-Charge of Sewers.
No. 31 Chambers street, 9 A. M. to 4 P. M
STEVENSON TOWLE, Engineer-in-Charge.

Bureau of Repairs and Supplies.
No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS H. McAvoy, Superintendent. Bureau of Water Purveyor

No. 3r Chambers street, 9 A. M. to 4 P. M. ALSTON CULVER, Water Purveyor Bureau of Lamps and Gas. No. 31 Chambers street, 9 а. м. to 4 г. м. Stephen McCormick, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 F. м.

GBO. E. Вавсоск, Superintendent.

Bureau of Incumbrances.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

Keeper of Buildings in City Hall Lark. MARTIN J. KEESE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadray, 9A. M. to 4P. M.

way, 9, a. M. to 4P. M.

EDWARD V. LOEW, Comptroller: RICHARD A. STORRS

Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Steward Building, Chambers street and

Broadway, 9 a. M. to 4 P. M.

WM. J. LYON, Auditor of Accounts.

David E. Austen, Deputy Auditor

DAVID E. Austen, Deputy 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, o A. M. to 4 F. M.
ARTEMAS S. CADV, Collector of Assessments and Clerk
of Arrears.

Bureau for the Collection of City Revenue and of
Markets.

Nos. 1 and 3 Stewart Building, Chambers street and
Broadway, o A. M. to 4 F. M.
JAMES J. KELSO, Collector of the City Revenue and
Superintendent of Markets.

Bureau for the Collection of Taxe First floor, Brown-stone Building, City Hall Park.
GEORGE W MCLEAN, Receiver of Taxes; Alfred
VREDENBURG, Deputy Receiver of Taxes.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and
Broadway, 0 A. M. to 4 P. M.

WM. M. IVINS, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building.
MOOR FALLS, City Paymaster.

LAW DEPARTMENT.

Office of the Connect to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.

Saturdays, 9 A. M. to 4 P. M.

E. HENRY LACOMBE, Counsel to the Corporation
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator No. 49 Beckman street, 9 A. M. to 4 P. M. RICHARD J. MORRISSON, 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, o a. M. to 4 F. M.
STEPHEN B. FRENCH, President; WILLIAM H. KIPP
Chief Clerk: JOHN I. O'BRIEN, Chief Burcau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION

Central Office.

No. 66 Third avenue, corner Eleventh street, 8.30 A. M.

to 5.30 P.M.
HENRY H. PORTER, President; GEORGE F. BRITTON,
Secretary.

FIRE DEPARTMENT.

Office hours for all except where otherwise noted from 9 A. M. to 4 F. M. Saturdays, to 3 F. M.

Headquarters. Nos. 155 and 157 Mercer street. HENRY D. PURROY, President; CARL JUSSEN, Sec-

Bureau of Chief of Department. CHARLES O. SHAY, Chief of Department.

Bureau of Inspector of Combustibles.
Peter Seery, Inspector of Combustibles.

Bureau of Fire Marshal, George H. Sheldon, Fire Marshal.

Bureau of Inspection of Buildings.

ALBERT F. D'OENCH, Superintendent of Buildings. Attorney to Department.
Wm. L. Findley, Nos. 155 and 157 Mercer street

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.

Central Office Fire Alarm Telegraph 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.

Ninety-ninth street, between Ninth and Tenth avenue Joseph Shea, Foreman-in-Charge.

Open at all hours.

HEALTH DEPARTMENT. No. 301 Mott street, 9 a. m. to 4 p. m.
ALEXANDER SHALER, President; EMMONS CLARK
Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union Square, 9 A. M. to 4 P. M. HENRY R. BEEKMAN, President; CHARLES DE F. URNS, Secretary.

Civil and Topographical Office.

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

Nos. 137 and 119 Duane street, 9 A. M. 10 4 P. M. 10 SEPH KOCH, President; B. W. ELISON, Secretary, Office hours from 9 A. M. 10 4 P. M. daily, except Saturdays in Staturdays as follows; from September 14 to June 15, from 9 A. M. 10 3 P. M.; from June 15 to September 15, from 9 A. M. 10 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS

DETAKIMENT OF TAXES AND ASSESSMENTS Staats Zeitung Building, Tryon Row, 9 a.m. to 4 p.m. Saturdays, 9 r.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. CHABLES S. BEAKDSLEY, Attorney; WILLIAM COMERPORS, CICH.

DEPARTMENT OF STREET CLEANING.
Nos, 31 and 32 Park Row, "World" Building, Rooms
and 9, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner; JACOB SEABOLD,
eputy Commissioner: M. J. MORRISSON, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

AND BUARDS.

ROOM NO. 11, City Hall.

EVERETT P. WHEELER, Chairman of the Advisory
Board; Charles H. Woodman, 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. 11½, 9 a. M. to 4 p. M.
EDWARD GILON, Chairman: Wm. H. JASPER, Secretary

BOARD OF EXCISE,

Corner Bond street and Bowery, 9 A. M. to 4 P. M.

NICHOLAS HAUGHTON, President: TOHN K. PERLEY,
Secretary and Chief Clerk.

SHERIFF'S OFFICE.

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

REGISTER'S OFFICE.

East side City Hall Park, 9 A.M. to 4 P.M.
JOHN REILLY, Register: JAMES A. HANLEY, Deputy
Register.

COMMISSIONER OF JURORS.

Room 129, 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 F. M.

JAMES A. Flack, County Clerk; Thomas F. Gilroy,
Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9

A.M. to 4 / N.
RANDOLPH B. MARTINE, District Attorney JOHN M.
COMAN, Chief Clerk.

THE CITY RECORD OFFICE,
And Bureau of Printing, Stationery, and Blank Books,
No. 2 City Hall, 8 A.M. to 5 P.M., except Saturdays, on
which days 8 A.M. to 3 P.M., except Saturdays, on
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, 3 P. M.

Michael J. B. Messement, Ferdinand Levy, Ferdinand Edman, John R. Nughri, Coroners; John T. Toal, Clerk of the Board of Coroners.

Second floor, New County Court-house, opens at 10,30 A. N. NOAH DAVIS, Presiding Justice, JAMES A. FLACK, Clerk, THOMAS F. GILEOV, Deputy County Clerk, General Term, Room No. 9, WILLIAM LAMB, JR., Clerk, Special Term, Part I., Room No. 10., THOMAS J. DUNN, Clerk.

lerk. Special Term, Part II., Room No. 18, FREDERICK C. NNE, Clerk. Chambers, Room No. 11, Walter Brady, Clerk.

ANE, Clerk.
Chambers, Room No. 11, WALTER BRADY, Clerk.
Chambers, Room No. 12, SAMUEL BARRY, Clerk.
Circuit, Part II., Room No. 12, SAMUEL BARRY, Clerk.
Circuit, Part III., Room No. 14, FRANCIS S. McAvoy,
lerk.
Circuit, Part III., Room No. 13, JOHN VON GLAHN,
lerk.

Circuit, Part IV., Room No. 15, J. Lewis Lyon, Clerk. Circuit, Part IV., Room No. 15, J. Lewis Lyon, Clerk. Judges Private Chambers, Rooms Nos. 19 and 20, ED WARD J. KNIGHT, Librarian.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
General Term, Room No. 35.
Special Term, Room No. 35.
Special Term, Room No. 35.
Part II., Room No. 35.
Part III., Room No. 35.
Part III., Room No. 36.
Judge's Private Chambers, Room No. 30.
Naturalization Bureau, Room No. 30.
Naturalization Bureau, Room No. 30.
Naturalization Bureau, Room No. 31.
John Sedowick, Chief Judge; Thomas Borse, Chief Jerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.
Assignment Bureau, Room No. 23, 9 A. M. to 4 P.
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.
General Term, Room No. 24, 11 o'clock A. M. to urnment. Special '1 e m, Room No. 21, 11 o'clock A. M. to adjo

Chambers, Roem No. 25, 11 o'clock A. M. to adjournment.
Part I., Room No. 25, 11 o'clock A. M. to adjournment.
Part III, Room No. 25, 11 o'clock A. M. to adjournment.
Part III, Room No. 25, 25 o'clock A. M. to adjournment.
Russell, Room No. 25, 25 A. M. to 47 M.
CHARLES P. DALY, Chief Justice: NATHAMIEL JARVIS,
r., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I, and II. Courtopens at 11 o'clock A. M.
FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLREVE and RUFUS B. Cowing, Judges of the said Court. Terms, first Monday each month.

JOHN SPARKS, Clerk, Office, Room No. 11, 10 A. M till 4 P. M.

CITY COURT.
City Hall.
General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 19.
Part III., Room No. 19.
Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
DAVID MCADAM, Cnief Justice; John Reid, Clerk.

OVER AND TERMINER COURT.

New County Court-house, second floor, southeast cor-er. Room No. 12. Court opens at 10% o'clock A. M. Clerk's Office, Brown-stone Building, City Hall Park, econd floor, northwest corner, Room No. 11, 10 A. M. Il 4 P. M.

COURT OF SPECIAL SESSIONS. At Tombs, corner Franklin and Centre streets, daily at 10.30 A.M., excepting Saturday. Clerk's Ofnee, Tombs.

DISTRICT CIVIL COURTS.

First District—First, Second, Third, and Fifth Wards outhwest corner of Centre and Chambers streets Michael. Norton, Justice. Clerk's office open from 9 A. M. to 4 F. M. Second District—Fourth, Sixth, and Fourteenth Wards order of Pearl and Centre streets, 9 A. M. to 4 F. M. CHARLES M. CLANCY, Justice.

#### JURORS.

#### NOTICE

IN RELATION TO JURORS FOR STATE COURTS.

Office of the Commissioner of Jurors, Room 127, Stewart Building, Chambers Street and Broadway, New York, June 1, 1885.

CHAMBERS STREET AND BROADWAY, NEW YORK, June 1, 1885.

A PPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 10 to 3 daily, from all persons a hitherto liable or recently serving who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or provide permanent exemption, will receive a "jury entity of the company of the co

CHARLES REILLY, Commissioner of Jurors

## FIRE DEPARTMENT.

HEADQUARTERS
2 DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, February 15, 1886.

#### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING A Third Size Sikby Steam Fire-engine will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 153 and 157 Mercet street, in the City of The North Mercet and 158 Mercet street, in the City of The North Mercet and 158 Mercet street, in the City of The North Mercet and 158 Mercet street, in the City of The North Mercet and place they will be publicly opened by the head of said Department and read.

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

For information as to the style and con-truction of the engine and time of delivery, bi-ders are referred to the specifications which form part of these proposals. The engine to be delivered to the Fire Department in complete working order, with a guarantee that the material and workmanship are of the best character, and to replace, at the expense of the contractor, such parts, if any, as may fail, if such failure is properly attributable to while the contract of the contractor, such parts, if we will have a full and complete trial of its working powers at New York, under the superintendence of a competent engineer.

The damages to be paid by the contractor for each day that the contract my be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at twenty-five (§24) dollars per day.

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

Any person making an estimate for the work shall present the same in a sealed carvelopper said Board, at the present the same in a sealed carvelopper said Board, which envelope shall be indorsed 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.

its presentation, and a sascing trainer it relates. It relates.
It relates. Department reserves the right to decline any and the life or estimates if deemed to be for the public interest. No hid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation propertion.

contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a de'aulter, as surely or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly an other person making an estimate for the same urpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the coath, in writing, of the party or parties making the estimate, thereof. The bid or estimate must be verified by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or fresholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate. (Seco.): and that if he shall omit or refuse to a strength of the contract the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount of he work by which the bids are tested. The consent above mentioned shall be accompanied by the amount of he work by which the bids are tested. The consent above mentioned shall be accompanied by the amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the constract

by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comproller, or money, to the amount of one hundred and ten dollars (\$110). Such check or money must not be inclosed in the sealed envelope containing the 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 reluse 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 of the contract has been awarded to him, to execute the same, the amount of the deposit made or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded, neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the bandoned if and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

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

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

HEADQUARTERS

FIRE DEPARTMENT, CITY OF NEW YORK, 155 & 157 MERCER STREET.
NEW YORK, May 12, 1885.

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

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

#### THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall (northwest corner basement). Price three cents each, ASSESSMENT COMMISSION.

NOTICE IS HEREBY GIVEN, THAT A MEETing of the Commissioners under the act, chapter
550 of the Laws of 1880, entitled "An act relating to
certain assessments for local improvements in the City of
New York," passed June 9, 1880, will be held at the
office, No. 27 Chambers street, on Tuesday, February
16, 1886, at 2 o'clock p. N.

DANIEL LORD, JR.,
JOHN KELLY,
ALLAN CAMPBELL,
JOSEPH GARRY,
JOHN W. MARSHALL,
Commissioners under the Act.

CARL JUSSEN, Secretary.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, ROOM 6, NO. 31 CHAMBERS STREET, NEW YORK, February 6, 1886.

#### TO COAL DEALERS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED of envelope, with the title of the work and the name of the bidder endorsed thereon, will be received at this office, nutil Thursday, February 18, 1886, at 12 o'clock 11, at which place and hour they will be publicly opened by the head of the Department and read

of the bidder endorsed thereon, will be received at this office, multi Thursday, February 18, 1886, at 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department and read FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS, WITH ONE THOUSAND NINE HUNDRED AND SEVENTY-FIVE (1.075) GROSS TONS (2.240 POUNDS TO A TON) OF BROKEN-SIZE LEHIGH AND WILKESBARRE COMPANY'S BEST LEHIGH CANNEL COAL.

Bidders for the above contracts must be regularly engaged in the business and well prepared for furnishing the materials they propose for; and no contract will be made with any bidder who is not prepared to furnishing the materials they propose for; and no contract will be made with any bidder who is not prepared to furnishing the materials they propose for; and no contract will be made with any bidder who is not prepared to furnish satisfactory evidence to that effect.

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 within of the same work, and is in all respects fair and without collusion or fraud. That no member of the Comportation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits therein, or other officer of the Corporation, is directly or indirectly interested in the setimate or in the work to which it relates or in the profits therein, 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

If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the CeV of New York as it is understanded to 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 THE RIGHT TO REJECT ALL BIDS WITHEN THE TORE THE COMMISSIONER OF STREETS 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 after the comments of the comment

ROLLIN M. SQUIRE, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, NEW YORK, January 26, 1886.

#### TO THE PUBLIC.

THE CHIEF ENGINEER OF THE CROTON
Aqueduct reports to me to-day that during the past
twenty days the water in the city reservoirs has gone
down three feet three inches, equal to 95,000,000 gallons,
showing that this amount of water was used and wasted
over and above the supply received through the Croton
Aqueduct and the Brons river conduit. The Department
according to the second of the secon

#### BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees of the Twelfth Ward, at the fall of the Sond of School Trustees of the Twelfth Ward, at the fall of the Sond Freed ward of School Brustees, who had so the street, until Monday, Mary for the furnitum of West One Hundred and Twenty-ninth street, near Tenth avenue. Plans and specifications may be seen, and blanks for proposals, and all necessary information may be obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, corner of Elm street, third floor. The party submitting a proposal, and the parties proposing to become surelies, must each write his name, place of residence and place of business on said proposal. Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubthir. The Committee reserve the right to reject any or all of the proposals submitted.

GEO. W. DEBEVOISE, ANDREW L. SOULARD, JOHN WHALEN, DAVID H. KNAPP, ROBERT E. STEEL,

School Trustees, Twelfth Ward. Dated, New York, February 15, 1886.

Dated, New York, February 15, 1886.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees of the Twelfih Ward, at the Board of School Trustees of the Twelfih Ward, and until 4 o'clock p. Mr., on said day, for fitting-up, heating and furnishing for school purposes, the premises on the south side of One Hundred and Thirty-fifth street, east of Eighth avenue.

Plans and specifications may be seen, and blanks for proposals, and all necessary information may be obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, corner of Elm street, third floor, No. 146 Grand street, corner of Elm street, third floor, place of residence and place of business on said proposal, Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be cons dered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubful.

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

GEO. W. DEBEVOISE, ANDREW L. SOULARD, JOHN WHALEN, DAVID H. KNAPP, ROBERT E. STEEL, School Trustees, Twelfth Ward.

Dated New York, February 2, 1886.

# DEPARTMENT OF PUBLIC CHAR-ITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE.

#### TO CONTRACTORS.

PROPOSALS FOR GROCERIES, DRY GOODS, HARDWARE AND LUMBER.

SEALED BIDS OR ESTIMATES FOR FURNISH-

GROCERIES.

6,500 pounds Dairy Butter, sample on exhibition Thursday, February 25, 1886.
2,000 pounds Dried Apples.
10,000 pounds Dried Apples.
10,000 pounds Barley, price to include packages.
500 pounds Gocoa.
10,000 pounds Hominy, price to include packages.
10,000 pounds Hominy, price to include packages.
10,000 pounds Bearley.
100 barrels Peas.
100 barrels Peas.
100 barrels price Regs, all to candled.
100 barrels prime Russia Turnips, 135 pounds net per barrel.
100 barrels Prime Russia Turnips, 135 pounds net per barrel.
100 barrels Prime Carrots, 150 pounds net per barrel.
100 barrels Prime Carrots, 150 pounds net per barrel.
100 barrels Prime Carrots, 150 pounds net per barrel.
100 barrels Prime (audity Timothy Hay, tare not to exceed 3 pounds; weight charged as received at Blackwell's Island.
100 barrels Prime quality Charcoal (3 bushels each).

DBY GOODS.

Justicy Charcoal (3 bushels each).

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HARDWARE, ETC.

50 barrels best quality Whitewash Lune 20 barrels best quality Plaster Paris.

10,000 lineal feet first quality cone or vertical grained, thoroughly seasoned Georgia Yellow Pine Floring, 1½ in x3 in, dressed one side, tongued and grooved.

20,000 lineal feet first quality cone or vertical grained, thoroughly seasoned Georgia Yellow Pine Floring, 1½ in. x3 ½ in, dressed one side, tongued and grooved.

All lumber to be delivered at ward's Island.

tongued and grooved.

All lumber to be delivered at Ward's Island.
—well be received at the Department of Public Charities and Correction, in the City of New York, until 0, 30 o'clock A. M. of Friday, February 26, 1866. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Dry Goods, Hardware, Lime and Lumber, with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, well be public on place the bids or estimates received well be public on the place the bids or estimates received well be public or Department and read.

THE BOAKD OF PUBLIC CHAPITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS ON SETIMATES ID DEFINED TO BE FOR THE FUBLIC INTEREST, AS TESOVIDED IN SECTION 64, CHAPITES 410, LAWS OF 1882.

No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation.

warded to, any person who is in arrears to the Corporation upon debt or contract or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as reacticable after the open go of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

Delivery will be required to be made from time to time, and in such quantities as a may be directed by the said Commissioners.

The amage of the said Commissioners are used to the engaged in and well prepared for the business, and must have satisfactory test montals to that effect; and he person or persons to whom the contract may be twarded will be required to give security for the personance of the contract by his or their bond, with two sufficient sureties, in the pend amount of fifty 50) per twarded will be required to give security for the personance of the contract by his or their bond, with two sufficient sureties, in the pend amount of fifty 50) per cent. of the estimated amount of the contract.

Each bid or estimate shall contain and state the name. Each bid or estimate shall contain and state thing the same; the anness of all presons meresated with him or hem therein; and if no other person be so interested, it hall distinctly state that fact; also that it is made without any connection with any other person making an estimate of the same purpose, and is in all respects fair and without collusion or fraux; and that no member of the Common Counsil, Head of a Department, United of a Bureau, Departy theresof or Clerk the cin, or other officer of the contract of the profits thereof. The bild or estimate must be verified by the cath, in writing, of the party or parties, making the estimate, that the everal matters stated discrein are in all respects time. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bad or estimate, that the everal

he oath or affirmation, in writing, of each of the persons igning the same that he is a householder or freeholder in he City of New York, and is worth the amount of the secular required for the completion of this contract, over and hove all his decks or every nature, and over and above as a second over a deck of the completion of this contract, over and hove and his decks or every nature, and over and above as offered himself as a surely in good faith and with the heatention to execute the bend required by section 12 of happer, 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or ersons for whom he consents to become surely. The dequacy and sufficiency of the security offered, to heap-roved by the Compreher of the City of New York.

No bid or estimate will be considered unless accomanced by either a certified check upon one of the factional B riss of the City of New York, drawn to the effect of the Compreher of the Compreher on macy to the amount of five effort afthe Compreher of the Compreher o

outract will be readvertised and relet as provided by we.

The quality of the articles, supplies, goods, wares, and the rechandise must conform the overprespect to the sameles of the same, respectively, at the office of the sameles of the same, respectively, at the office of the sameles of the same respectively, at the office of the same the beginning of the articles, etc., relatively, at the office of the same the second of the same the same

tion.

No bid or estimate will be accepted from, or contract
arded te, any person who is in arrears to the Corarded te, any person who is in arrears to the Corardion upon debt or contract, or who is a defaulter
every or otherwise, upon any obligation to the Corporain-

y or cherwise, upon any social content of the agreement, including specifications, thowing the mancer of payment, can be obtained at fiftee of the Department.

12th, NEWEY H. PORTER, President, THOMAS S. FRENNAN, Commissioner, CHARLES E. SIMMONS, Commissioner, Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE.

No. 66 THIRD AVENUE.

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:

missioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from foot of Seventy-eighth street, East river—Unknown man, aged about as years; § feet 7½ inches high; light brown hair, blue eyes. Had on black diagonal vest and pants, blue flannel shirt, white knit undershirt, white drawers, gaiters. Unknown man, from Chambers street Hospital, aged about 45 years; § feet 7½ inches high; dark hair, mixed with gray; India ink mark, No. 25, on right arm.

At Penitentiary, Blackwell's Island—Daniel Sweeney, alias Justin McCarthy, aged 53 years; § feet 5 inches ligh; black hair; hazed eyes. Had on when received blue striped sack coat, plack junts, blue check shirt, John Brando, aged 92 years; § feet inch high; Jught John Brando, aged 92 years; § feet in the high; blue check shirt, felt hat, gaiters.

At Workhouse, Blackwell's Island—Mary Murray, aged 50 years; committed December 25, 1885.

John Smith, aged 55 years; committed December 25, 1885.

Felix Hartman, aged 65 years; committed December 23, 1885.
John Smith, aged 35 years; committed December 23, 1885.
Jacob Deiter, aged 50 years; committed January 11, 1886.
At Lunutic Asylum, Blackwell's Island—Margaret Horn, aged 40 years; 5 feet ½ inch high; gray hair; blue eyes.

Hom, aged 49 years; 5 teet 29 men mgn , pers) blue eyes.

At Homocopathic Hospital, Ward's Island—Charles Thompson, aged 69 years; 5 feet 6 inches high; gray hair and eyes. Had on when admitted, dark mixed coat and pants, blue vest, lac eds shees, black derby hat.

Adam Gatrilin, aged 48 years; 5 feet 7 inches high; and years of the covercoat, blue sack coat, dark mixed pants, laced shoes, black hat.

black hat. At Hart's Island Hospital—Mary Mahoney, aged 79

Nothing known of their friends or relatives. By order.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 TIGED AVENUE, No. 66 WORK, February 3, 1886.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the buried 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:

follows: At Workhouse, Blackwell's Island—Henry Schultz, aged 35 years; committed January 24, 1886. Edward Tucker; aged 85 years; committed November 28, 1885. Peter Hynes; aged 36 years; committed December

Peter Hynes; aged 30 years; communes, 25, 1838.
At Homocopathic Hospital, Ward's Island-Patrick Tivrney; aged 45 years; 5 feet 5 inches high; black eyes and hair. Had on when admitted black coat, dark mixed vest, brown mixed pants, brogan shoes, blue car, Ann Donovan; aged 45 years; 5 feet r inch h.gh.; gray eyes; black hair.
At frart's Island Hospital—Mary Smith; aged 40 years.

G. F. BRITTON

POLICE DEPARTMENT OF THE CITY OF NEW YORK, 300 MULBERRY STPEET.

WM. H. KIPP, Chief Clerk

POLICE DEPARTMENT—CLIY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK ROOM No. 9.

OFFICE OF THE PROPERTY CLERK ROOM No. 9.

OWNERS WANTED BY THE PROPERTY
York, No 300 Mulberry street, Room No. 9, for the
following property, now in his custody, without claim
ants: Boats, rope, iron, lead, male and female clothing,
boots, shoes, wine, blankets, damonds, canned goods,
liquors, etc., also small amount money taken from
prisoners and found by patrolinen of this Department

JOHN F. HARRIOT, Property 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, Alders and com-monalty of the City of New York, relative to an ex-tate to all that certain plot or gore of land in the Tuenty-second Ward in the City of New York, bounded north-erly by Sewenty-third street, easterly by Tenth avenue, southerly by Seventy-second street, and westerly by the Broadway Boulevard, for a ubile place, as faid out under and in pursuance of chapter 451 of the Laws of 1884.

DURSUANT 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 the chambers thereof, in the
Courting Court-house, in the City of New York, on
the State of New York, at a Special Term of said
court, to be held at the chambers thereof, in the
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the Courting Court-house, in the City of New York, on
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country of the City of New York, or
the provenent 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 appartenances thereto belonging, reasses of the Court of the Court of the Court of the
public, to all the lands and premises, with the buildings
thereon; and the appartenances thereto belonging, reasses of the Court of the Court of the Court of the
public, to all the lands and premises, with the buildings
thereon; and the appartenances thereto belonging,
reasses of the Court of the Court of the Court of the
public, to all the lands and premises, with the buildings
thereon; and the appartenances thereto belonging,
reasses of the Work of New York of the Laws of 1884,
passed June 2, 1884, being the following-described lots,
pieces or praces of land, viz:

Beginning at a point, the southwesterly corner of
Seventy-thrif street and Tenth avenue, thence casterly along axis
distance 164, feet 4 inches, to the casterly kine of the
Boulevard; thence northerly along axis dine 17; feet to
thence easterly along axis of
the Court of the Court of the Court
of beginning.

Said public place embracing all the land contained
within the triangle bounded easterly by the Tenth
avenue, northerly by Seventy-third street and westerly
by the Boulevard.

Dated New York, January 16, 1886.

Coursel

## DEPARTMENT OF TAXES AND ASSESSMENTS.

DEFARMENT OF TAXES AND ASSESSMENTS,
STAATS ZERIUMG BUILDING,
N. COMPLIANCE WITH SECTION 817 OF THE
City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and Country of New York, for the year 1886, will be open for examination and correction from the second Monday of January, 1886, until the first day of May, 1886.

Monday of January, 1886, until the first day of many, 1886.
All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by Jaw.
Applications for correction of assessed valuations on personal estate must be made by the person assessed, to the said Commissioners, between the hours of ro A. M. and 2 P. M., at this office, during the same period.

MICHAEL COLEMAN,
EDWARD C. DONNELLY,
TOMMS L. FRIINER,
Commissioners of Taxes and Assessments.

#### CORPORATION NOTICE.

CORPORATION NOTICE.

DUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 205, No. 1. Regulating and grading Ninth avenue inow St. Nicholas place), from the centre line of One Hundred and Fifty-first street to the south line of One Hundred and Fifty-first street to the south line of One Hundred and Fifty-first street.

List 205, No. 2. Sewenty-sixth and Eighty-muth streets, and in Eightieth street, between Boulevard and Riversical avenue.

List 206, No. 3. Extension of sewer at foot of Forty-seventh street and East river.

The limits embraced by such assessments, include all the several houses and lots of ground, vacant lots, pie es and parcels of land situated on—

No. 1. Both sides of Ninth artitleth to One Hundred and Fifty-fifth street, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of West End avenue (formerly Eleventh avenue), from Seventy-sighth and Eighty-ninth street; blocks bounded by Seventy-tight and Eighty-ninth street; blocks bounded by Eighty-sixth and Eighty-ninth streets, boulevard and West End avenue (formerly Eleventh avenue), from Seventy-sixth to Eighty-ninth streets, boulevard and West End avenue (formerly Eleventh avenue), from Seventy-sixth to Eighty-ninth streets, boulevard and West End avenue (formerly Eleventh avenue), from Seventy-sixth to Eighty-ninth streets, boulevard and West End avenue (formerly Eleventh avenue), from Seventy-sixth to Eighty-ninth streets, boulevard and West End avenue; and blocks bounded by Eighty-sixth and Eighty-ninth streets, boulevard and West End avenue to both sides of Eighty-ninth streets, west End and Riverside avenues.

No. 3. Both sides of Forty-seventh street, from Secondard to the East river, and both sides of Forst avenue, from Forty-sixth to Forty-seventh stre

EDWARD GILON, Chairman, PATRICK M. HAVERTY, CHAS. E. WENDT, VAN BRUGH LIVINGSTON, Board of As esso

Office of the Board of Assessors, No. 11½ City Hall, New York, February 5, 1886.

DUBLIC NOTICE IS HEREBY GIVEN TO THE

DUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz. sore, for examination by all persons interested, viz. sore, for examination by all persons interested viz. sore, for examination by all persons interested viz. sore, for examination by all persons interested viz. sore, for examination of the Board of Assessors, for examination by all persons interested, viz. sore, for examination of the Board of Assessors, for examination of the Board of Assessors, for examination of the Board of the Board of Assessors, for examination of the Board of Assessors, and the Board of the Board of the Board of Assessors, and the Board of th

and Forty-fifth and One Hundred and Forty-sixth streets.

No.5. Both sides of Eeekman place, between Forty-inith and Fifty-first streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, from the date of this notice.

The above-described isse will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confinant on, on the 17th day of February, 1886.

EDWARD GILON, Chairman.

EDWARD GILON, Chairman, PATRICK M. HAVERTY, CHAS. E. WENDT, VAN BRUGH LIVINGSTON, Board of Assess

Office of the Board of Assessors
No. 11½ City Hall,
New York, January 14, 1886.

#### NOTICE TO PROPERTY-OWNERS

NOTICE TO PROPERTY-OWNERS.

PUBLIC NOTICE IS HERBY GIVEN THAT
the Board of Assessors have now under consideration the following-described assessment lists, viz.:
2126. Regulating, grading, curbing and flagging Sixtyseventh street, from Third avenue to Avenue A.
2131. Regulating, grading, curbing and flagging One
Hundred and Fifty-sixth street, from Avenue St. Nicholas
to Eleventh avenue.
2136. Regulating, grading, curbing and flagging one
the street from Third properties of the street of the street, from Fifth to
Street, from Tenth to Eleventh avenue.
2132. Regulating, grading and curbing One Hundred
and Fifty-first street, from St. Nicholas avenue to the
Boulevar J.

erot. Regulating and grading, curbing and flagging to Hundred and Sixty-fifth street, from Tenth to

One Hundred and Sixty-fifth street, from Tenth to Eleventh avenue.

2214. Regulating and grading, curb gutter and flagging Sixty-skith street, from Eighth avenue to Boulevard.

2237. Regulating and grading, curbing and flagging One Hundred and Fifty-eighth street, from Kingsbridge Road to Public Drive.

2280. Regulating and grading, curbing and flagging One Hundred and Fifty-seventh street, from Tenth avenue to Boulevard.

2281. Regulating and grading, curb, gutter, flagging and draining, Boulevard and Eleventh avenue, from One Hundred and Fifty-fifth street to Kingsbridge Road.

2881. Regulating carding and grading and grading and draining.

and draining. Boulevard and Eleventh avenue, from One Hundred and Fifty-fith street to Kingsbridge Road.

2381. Regulating, grading, curbing and flagging Sixty-fourth street, from First avenue to the East river.

2282. Regulating and grading, curbing and flagging Ninety-fourth street, from Second to Third avenue.

2304. Regulating and grading, curbing and flagging Ninety-first street, from Hird to Fourth avenue.

2305. Regulating and grading, curbing and flagging One Second Control of the Second Secon

OFFICE OF THE BOARD OF ASSESSORS, No. 11½ CITY HALL, NEW YORK, January 18, 1886.

PUBLIC NOTICE IS HEREBY GIVEN TO THE PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessment has been completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

Hundred and Forty-seer and appurersanaces in One Hundred and Forty-shird street.

The limits embraced by such assessment includes all the several houses and lots of ground, vacant lots, pieces and parcels of land suitated on—

No.1. Both sides of One Hundred and Forty-fourth street, between College avenue and One Hundred and Forty-third street.

All persons whose interests are affected by the abovenamed assessment, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this nonce.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the reth day of February, 1886.

EDWARD GILON, Chairman.

PAYRICK M HAVEETY.

EDWARD GILON, Chairman. PATRICK M. HAVERTY, CHAS, E. WENDT, VAN BRUGH LIVINGSTON, Board of Assessor

OFFICE OF THE BOARD OF ASSESSO NO. 11½ CITY HALL. NEW YORK, January 16, 1886.

DUELIC NOTICE IS MEREBY GIVEN TO THE

Owner or owners, occupant or occupants of all
houses and lots, improved or unimproved lands affected
thereby, that the following assessments have been completed and are lodged in the office of the Board of
Assessors, for examinating assessments have been completed and real or the streets.

Eight and Minth at Newer in New avenue (between
Eighth and Minth at Newer in New avenue (between
Eighth and Minth at Newer in New avenue (between
Eighth and Minth at Newer in New avenue (formerly
Eleventh avenue), between Sixty-fifth and Sixty-sixth
streets, and in Sixty fifth streets.

List 238, No. 2. Sewer in West End avenue (formerly
Eleventh avenue), between Sixty-fifth and Sixty-sixth
streets, and in Sixty fifth streets, between West End and
Tenth avenues.

List 239, No. 5. Sewer in Eighty-ninth street, between
Eighth and Minth avenues.

List 239, No. 5. Sewer in Fourth avenue, east side,
between Fifty-seventh and Fifty-eighth streets.

List 239, No. 5. Sewer in One Hundred and Fourth
treet, between Tenth avenue and Boulevard.

The limits embraced by such assessments include all
the several houses and lots of ground, vacant lots, pieces
and parcels of lane situated on—

No. 1. Both sides of New avenue, between One Hunredth and One Hundred and Fourth streets; also blocks
fourth streets, New and Nicha and One
Hundred and No. 2. Both sides of New avenue, between Sixty-fifth
and Sixty-sixth streets, and both sides Sixty-fifth
street, between West End avenue, between Fiftyseventh and Fifty-eighth streets,

No. 2. Both sides of West End avenue, between Fiftyseventh and Fifty-eighth streets,

No. 3. Both side of Fourth avenue, between Fiftyseventh and Fifty-eighth streets,

No. 4. East side of Fourth avenue, between Fiftyseventh and Fifty-eighth streets,

No. 5. Both sides of West End avenue,
between Hundred and Fourth to One
Hundred and Fifth street, and south side of One Hundred and Fifth street, tending one hundred and Fourth to One
Hundred and Fifth street, and south si PUBLIC NOTICE IS HEREBY GIVEN TO THE

EDWARD GILON, Chairman, PATRICK M. HAVERTY, CHAS. E. WENDT, VAN BRUGH LIVINGSTON, Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS, No. 11½ CITY HALL, New York, January 30, 1886.

#### FINANCE DEPARTMENT.

#### REAL ESTATE RECORDS.

THE ATTENTION OF LAWVERS, REAL
Estate Owners, Monetary Institutions engaged in
making loans upon real estate, and all who are interested
in providing themselves with facilities for reducing the
cost of examinations and searches, is invited to these
Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1631 to
1857, prepared under the direction of the Commissioners
of Records.