

**NEW YORK FIRE DEPARTMENT PENSION FUND
PRELIMINARY EXPERIENCE STUDY RESULTS
OVERVIEW**

Table Number	Table Type	2-YEAR PERIOD ENDING 6/30/2011		10-YEAR PERIOD ENDING 6/30/2011		GRS' Ideal A/E Range	Comments
		Ratio of Actual to Expected	Average Number of Decrements per Year	Ratio of Actual to Expected	Average Number of Decrements per Year		
1A	Service Retiree Mortality						
1B	Men By Year	116%	196	119%	197	110-120%	Current assumption does provide margin for future improvement in longevity.
2A	Disabled Retiree Mortality						
2B	Men By Year	112%	224	117%	204	100-120%	Current assumption does provide margin for future improvement in longevity.
3A	Active Member Withdrawals	93%	23	58%	18	100-105%	
3B	By Year						
4A	Active Member Service Retirements					90-100%	
4B	In 1st Year of Eligibility	55%	25	104%	52		
4C	In 2nd Year of Eligibility	92%	5	236%	14		
4D	After 2nd Year of Eligibility By Year	64%	56	114%	86		
5A	Active Member Ordinary Mortality					80-100%	
5B	Men By Year	133%	12	57%	5		
6A	Active Member Accidental Mortality	118%	7	732%	38	80-100%	
6B	By Year						
7A	Active Member Ordinary Disability	0%	0	27%	7	80-100%	
7B	By Year						
8A	Active Member Accidental Disability					80-100%	
8B	WTC Eligible	118%	296	158%	394		
8C	WTC Ineligible By Year	56%	9	213%	18		
9A	Salary Increases*	Expected	Actual	Expected	Actual		
9B	Total	7.06%	6.38%	7.41%	7.25%		
9C	Merit Only	3.56%	5.43%	3.91%	3.67%		
9D	General Increase over Inflation By Year	1.00%	-1.36%	1.00%	1.17%		
10A	Overtime Pay*	Expected	Actual	Expected	Actual		Actual overtime appears to be higher than current assumption.
10B	For All Years	14.78%	13.74%	14.97%	16.51%		
10C	In Year Before Service Retirement	16.61%	17.94%	18.40%	26.81%		
10D	In Year Before Disability Retirement By Year	14.90%	16.51%	15.51%	21.87%		

* For Salary Increases, average annual percentage increase in salary is shown. For Overtime Pay, average annual overtime pay is expressed as a percentage of salary.

Note: There are no proposed changes provided in this Preliminary Report. Recommended assumptions changes (if any) will be included with the second engagement.

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN**

TABLE 1A				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	2	0.0000	0.13%		0.00		0%	
42	0	6	0.0000	0.13%		0.01		0%	
43	0	8	0.0000	0.14%		0.01		0%	
44	0	7	0.0000	0.15%		0.01		0%	
45	0	22	0.0000	0.16%		0.03		0%	
46	0	41	0.0000	0.16%		0.07		0%	
47	0	45	0.0000	0.17%		0.08		0%	
48	0	54	0.0000	0.17%		0.09		0%	
49	0	62	0.0000	0.18%		0.11		0%	
50	0	129	0.0000	0.19%		0.24		0%	
51	1	202	0.0050	0.22%		0.44		226%	
52	0	230	0.0000	0.25%		0.57		0%	
53	0	258	0.0000	0.28%		0.72		0%	
54	1	270	0.0037	0.31%		0.83		120%	
55	0	232	0.0000	0.34%		0.79		0%	
56	1	205	0.0049	0.38%		0.78		129%	
57	0	254	0.0000	0.42%		1.06		0%	
58	0	259	0.0000	0.46%		1.18		0%	
59	2	216	0.0093	0.48%		1.04		191%	
60	1	213	0.0047	0.51%		1.09		92%	
61	1	233	0.0043	0.57%		1.33		75%	
62	3	266	0.0113	0.62%		1.65		181%	
63	3	334	0.0090	0.70%		2.34		128%	
64	3	322	0.0093	0.78%		2.52		119%	
65	5	281	0.0178	0.87%		2.45		204%	
66	2	309	0.0065	0.95%		2.95		68%	
67	1	371	0.0027	1.03%		3.81		26%	
68	7	402	0.0174	1.08%		4.33		162%	
69	5	408	0.0123	1.14%		4.63		108%	
70	7	464	0.0151	1.24%		5.75		122%	
71	12	493	0.0243	1.39%		6.87		175%	
72	12	463	0.0259	1.55%		7.16		168%	
73	6	472	0.0127	1.75%		8.25		73%	
74	16	479	0.0334	1.95%		9.34		171%	
75	15	416	0.0361	2.20%		9.14		164%	
76	11	387	0.0284	2.40%		9.30		118%	
77	9	367	0.0245	2.67%		9.79		92%	
78	17	336	0.0506	3.12%		10.49		162%	
79	16	276	0.0580	3.60%		9.93		161%	
80	11	253	0.0435	4.09%		10.35		106%	
81	7	237	0.0295	4.66%		11.03		63%	
82	9	224	0.0402	5.25%		11.76		77%	
83	22	220	0.1000	6.17%		13.56		162%	
84	12	199	0.0603	7.25%		14.43		83%	
85	15	182	0.0824	8.22%		14.96		100%	
86	16	164	0.0976	9.21%		15.11		106%	
87	18	140	0.1286	10.44%		14.61		123%	
88	16	102	0.1569	11.53%		11.76		136%	
89	13	97	0.1340	12.42%		12.05		108%	
90	11	91	0.1209	13.60%		12.38		89%	
91	14	70	0.2000	15.06%		10.54		133%	
92	11	53	0.2075	17.02%		9.02		122%	
93	10	51	0.1961	19.70%		10.05		100%	
94	16	53	0.3019	22.19%		11.76		136%	
95	15	43	0.3488	25.02%		10.76		139%	
96	6	31	0.1935	26.89%		8.34		72%	
97	3	21	0.1429	28.59%		6.00		50%	
98	7	15	0.4667	30.88%		4.63		151%	
99	2	11	0.1818	32.32%		3.56		56%	
Subtotal	391	12,051				337.87		116%	
100 or more	1	7	0.1429	33.60%		2.35		43%	
Total	392	12,058				340		115%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN**

TABLE 1A GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual Deaths</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Deaths</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
41-44	0	23	0.0000	0.14%		0.03		0%	
45-49	0	224	0.0000	0.17%		0.38		0%	
50-54	2	1,089	0.0018	0.26%		2.81		71%	
55-59	3	1,166	0.0026	0.42%		4.86		62%	
60-64	11	1,368	0.0080	0.65%		8.92		123%	
65-69	20	1,771	0.0113	1.03%		18.17		110%	
70-74	53	2,371	0.0224	1.58%		37.37		142%	
75-79	68	1,782	0.0382	2.73%		48.66		140%	
80-84	61	1,133	0.0538	5.40%		61.14		100%	
85-89	78	685	0.1139	10.00%		68.49		114%	
90-94	62	318	0.1950	16.90%		53.75		115%	
95-99	33	121	0.2727	27.51%		33.29		99%	
100+	1	7	0.1429	33.60%		2.35		43%	
Total	392	12,058				340.22		115%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN**

TABLE 1A				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	28	0.0000	0.13%		0.04		0%	
42	0	59	0.0000	0.13%		0.08		0%	
43	0	105	0.0000	0.14%		0.15		0%	
44	1	166	0.0060	0.15%		0.25		406%	
45	0	271	0.0000	0.16%		0.42		0%	
46	0	393	0.0000	0.16%		0.64		0%	
47	1	507	0.0020	0.17%		0.85		117%	
48	3	632	0.0047	0.17%		1.10		272%	
49	3	736	0.0041	0.18%		1.32		227%	
50	2	868	0.0023	0.19%		1.61		124%	
51	7	979	0.0072	0.22%		2.15		326%	
52	4	1,054	0.0038	0.25%		2.62		152%	
53	3	1,098	0.0027	0.28%		3.08		98%	
54	5	1,129	0.0044	0.31%		3.48		144%	
55	7	1,196	0.0059	0.34%		4.08		172%	
56	6	1,232	0.0049	0.38%		4.68		128%	
57	4	1,301	0.0031	0.42%		5.44		74%	
58	4	1,366	0.0029	0.46%		6.23		64%	
59	13	1,465	0.0089	0.48%		7.09		183%	
60	14	1,548	0.0090	0.51%		7.89		177%	
61	7	1,673	0.0042	0.57%		9.54		73%	
62	12	1,825	0.0066	0.62%		11.34		106%	
63	23	1,993	0.0115	0.70%		13.95		165%	
64	28	2,067	0.0135	0.78%		16.16		173%	
65	21	2,153	0.0098	0.87%		18.78		112%	
66	22	2,263	0.0097	0.95%		21.61		102%	
67	30	2,321	0.0129	1.03%		23.82		126%	
68	34	2,361	0.0144	1.08%		25.45		134%	
69	35	2,330	0.0150	1.14%		26.45		132%	
70	43	2,297	0.0187	1.24%		28.49		151%	
71	39	2,199	0.0177	1.39%		30.63		127%	
72	46	2,092	0.0220	1.55%		32.34		142%	
73	42	1,948	0.0216	1.75%		34.05		123%	
74	43	1,873	0.0230	1.95%		36.52		118%	
75	60	1,742	0.0344	2.20%		38.29		157%	
76	47	1,611	0.0292	2.40%		38.73		121%	
77	43	1,525	0.0282	2.67%		40.67		106%	
78	61	1,422	0.0429	3.12%		44.41		137%	
79	58	1,301	0.0446	3.60%		46.80		124%	
80	58	1,204	0.0482	4.09%		49.26		118%	
81	71	1,165	0.0609	4.66%		54.23		131%	
82	59	1,060	0.0557	5.25%		55.66		106%	
83	76	990	0.0768	6.17%		61.04		125%	
84	60	886	0.0677	7.25%		64.23		93%	
85	84	839	0.1001	8.22%		68.98		122%	
86	80	803	0.0996	9.21%		73.97		108%	
87	87	771	0.1128	10.44%		80.48		108%	
88	106	715	0.1483	11.53%		82.46		129%	
89	93	640	0.1453	12.42%		79.48		117%	
90	87	559	0.1556	13.60%		76.05		114%	
91	81	454	0.1784	15.06%		68.38		118%	
92	63	355	0.1775	17.02%		60.42		104%	
93	56	283	0.1979	19.70%		55.76		100%	
94	56	213	0.2629	22.19%		47.25		119%	
95	39	137	0.2847	25.02%		34.28		114%	
96	16	85	0.1882	26.89%		22.86		70%	
97	8	59	0.1356	28.59%		16.87		47%	
98	13	38	0.3421	30.88%		11.73		111%	
99	6	22	0.2727	32.32%		7.11		84%	
Subtotal	1,970	64,407				1,661.70		119%	
100 or more	8	21	0.3810	33.60%		7.06		113%	
Total	1,978	64,428				1,669		119%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN**

TABLE 1A GROUPED

10-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual Deaths</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Deaths</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
41-44	1	358	0.0028	0.14%		0.51		197%	
45-49	7	2,539	0.0028	0.17%		4.34		161%	
50-54	21	5,128	0.0041	0.25%		12.93		162%	
55-59	34	6,560	0.0052	0.42%		27.51		124%	
60-64	84	9,106	0.0092	0.65%		58.88		143%	
65-69	142	11,428	0.0124	1.02%		116.11		122%	
70-74	213	10,409	0.0205	1.56%		162.03		131%	
75-79	269	7,601	0.0354	2.75%		208.90		129%	
80-84	324	5,305	0.0611	0.05		284.42		114%	
85-89	450	3,768	0.1194	0.10		385.37		117%	
90-94	343	1,864	0.1840	16.52%		307.87		111%	
95-99	82	341	0.2405	27.23%		92.85		88%	
100+	8	21	0.3810	33.60%		7.06		113%	
Total	1,978	64,428				1,668.76		119%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 1B		10-YEAR PERIOD ENDING 6/30/2011			
	Life Years Exposed (2)	Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	6,474	215	163.6	131%	3.32%	2.53%
2003	6,455	209	166.1	126%	3.24%	2.57%
2004	6,734	230	168.9	136%	3.42%	2.51%
2005	6,660	189	165.4	114%	2.84%	2.48%
2006	6,562	206	167.0	123%	3.14%	2.55%
2007	6,698	149	157.2	95%	2.22%	2.35%
2008	6,542	200	166.5	120%	3.06%	2.55%
2009	6,319	188	169.4	111%	2.98%	2.68%
2010	6,135	189	169.9	111%	3.08%	2.77%
2011	5,945	204	168.1	121%	3.43%	2.83%
Total	64,524	1,979	1661.9	119%	3.07%	2.58%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 41.

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN**

TABLE 2A

2-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	1	127	0.0079	0.21%		0.26		379%	
42	1	151	0.0066	0.22%		0.33		306%	
43	0	175	0.0000	0.22%		0.39		0%	
44	0	219	0.0000	0.23%		0.51		0%	
45	1	280	0.0036	0.24%		0.68		147%	
46	0	357	0.0000	0.25%		0.90		0%	
47	0	382	0.0000	0.26%		1.00		0%	
48	3	364	0.0082	0.27%		0.99		304%	
49	0	379	0.0000	0.28%		1.06		0%	
50	0	474	0.0000	0.29%		1.38		0%	
51	4	604	0.0066	0.30%		1.82		220%	
52	3	671	0.0045	0.31%		2.09		144%	
53	3	715	0.0042	0.33%		2.39		126%	
54	2	671	0.0030	0.37%		2.49		80%	
55	1	615	0.0016	0.42%		2.56		39%	
56	4	549	0.0073	0.46%		2.55		157%	
57	5	465	0.0108	0.51%		2.39		209%	
58	3	430	0.0070	0.57%		2.43		123%	
59	5	388	0.0129	0.61%		2.35		212%	
60	0	355	0.0000	0.65%		2.32		0%	
61	1	358	0.0028	0.73%		2.61		38%	
62	2	375	0.0053	0.80%		3.02		66%	
63	3	392	0.0077	0.91%		3.56		84%	
64	4	390	0.0103	1.00%		3.91		102%	
65	8	351	0.0228	1.09%		3.82		209%	
66	5	364	0.0137	1.21%		4.39		114%	
67	9	461	0.0195	1.29%		5.93		152%	
68	9	484	0.0186	1.42%		6.88		131%	
69	6	461	0.0130	1.58%		7.29		82%	
70	7	488	0.0143	1.68%		8.21		85%	
71	9	540	0.0167	1.86%		10.07		89%	
72	8	558	0.0143	2.04%		11.36		70%	
73	8	540	0.0148	2.20%		11.88		67%	
74	17	540	0.0315	2.35%		12.71		134%	
75	20	505	0.0396	2.58%		13.04		153%	
76	20	434	0.0461	2.93%		12.70		157%	
77	15	396	0.0379	3.33%		13.20		114%	
78	17	397	0.0428	3.75%		14.87		114%	
79	12	363	0.0331	4.17%		15.13		79%	
80	17	279	0.0609	4.65%		12.97		131%	
81	11	215	0.0512	5.52%		11.86		93%	
82	18	246	0.0732	6.42%		15.79		114%	
83	18	255	0.0706	7.20%		18.36		98%	
84	20	216	0.0926	8.16%		17.62		114%	
85	26	190	0.1368	8.96%		17.02		153%	
86	18	149	0.1208	9.70%		14.46		125%	
87	8	109	0.0734	10.69%		11.65		69%	
88	13	112	0.1161	11.72%		13.13		99%	
89	21	108	0.1944	12.58%		13.59		155%	
90	9	81	0.1111	13.77%		11.15		81%	
91	11	60	0.1833	16.23%		9.74		113%	
92	17	44	0.3864	18.97%		8.35		204%	
93	5	33	0.1515	21.22%		7.00		71%	
94	6	34	0.1765	23.29%		7.92		76%	
95	5	19	0.2632	25.79%		4.90		102%	
96	5	14	0.3571	27.60%		3.86		129%	
97	3	6	0.5000	29.24%		1.75		171%	
98	0	2	0.0000	31.15%		0.62		0%	
99	0	2	0.0000	32.50%		0.65		0%	
Subtotal	447	18,942				397.86		112%	
100 or more	3	3	1.0000	33.60%		1.01		298%	
Total	450	18,945				399		113%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN**

TABLE 2A GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual Deaths</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Deaths</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
41-44	2	672	0.0030	0.22%		1.50		134%	
45-49	4	1,762	0.0023	0.26%		4.63		86%	
50-54	12	3,135	0.0038	0.32%		10.16		118%	
55-59	18	2,447	0.0074	0.50%		12.30		146%	
60-64	10	1,870	0.0053	0.82%		15.40		65%	
65-69	37	2,121	0.0174	1.33%		28.31		131%	
70-74	49	2,666	0.0184	2.03%		54.23		90%	
75-79	84	2,095	0.0401	3.29%		68.94		122%	
80-84	84	1,211	0.0694	6.33%		76.61		110%	
85-89	86	668	0.1287	10.45%		69.84		123%	
90-94	48	252	0.1905	17.52%		44.16		109%	
95-99	13	43	0.3023	27.42%		11.79		110%	
100+	3	3	1.0000	33.60%		1.01		298%	
Total	450	18,945				398.87		113%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN**

TABLE 2A

10-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	1	603	0.0017	0.21%		1.25		80%	
42	1	763	0.0013	0.22%		1.65		61%	
43	3	961	0.0031	0.22%		2.16		139%	
44	5	1,180	0.0042	0.23%		2.76		181%	
45	3	1,408	0.0021	0.24%		3.42		88%	
46	3	1,651	0.0018	0.25%		4.16		72%	
47	4	1,803	0.0022	0.26%		4.71		85%	
48	8	1,904	0.0042	0.27%		5.16		155%	
49	5	2,036	0.0025	0.28%		5.72		87%	
50	3	2,123	0.0014	0.29%		6.17		49%	
51	9	2,238	0.0040	0.30%		6.73		134%	
52	10	2,224	0.0045	0.31%		6.92		144%	
53	5	2,181	0.0023	0.33%		7.28		69%	
54	12	2,090	0.0057	0.37%		7.76		155%	
55	9	1,981	0.0045	0.42%		8.26		109%	
56	12	1,925	0.0062	0.46%		8.95		134%	
57	16	1,846	0.0087	0.51%		9.50		168%	
58	15	1,835	0.0082	0.57%		10.39		144%	
59	16	1,887	0.0085	0.61%		11.45		140%	
60	11	1,940	0.0057	0.65%		12.68		87%	
61	14	2,041	0.0069	0.73%		14.86		94%	
62	15	2,169	0.0069	0.80%		17.45		86%	
63	24	2,303	0.0104	0.91%		20.89		115%	
64	29	2,416	0.0120	1.00%		24.20		120%	
65	46	2,517	0.0183	1.09%		27.40		168%	
66	39	2,617	0.0149	1.21%		31.58		123%	
67	50	2,708	0.0185	1.29%		34.82		144%	
68	44	2,711	0.0162	1.42%		38.54		114%	
69	45	2,674	0.0168	1.58%		42.28		106%	
70	51	2,654	0.0192	1.68%		44.68		114%	
71	59	2,608	0.0226	1.86%		48.62		121%	
72	45	2,469	0.0182	2.04%		50.28		90%	
73	56	2,295	0.0244	2.20%		50.48		111%	
74	73	2,181	0.0335	2.35%		51.33		142%	
75	81	2,034	0.0398	2.58%		52.51		154%	
76	81	1,857	0.0436	2.93%		54.34		149%	
77	69	1,710	0.0404	3.33%		56.99		121%	
78	61	1,587	0.0384	3.75%		59.46		103%	
79	58	1,441	0.0402	4.17%		60.06		97%	
80	74	1,311	0.0564	4.65%		60.96		121%	
81	85	1,186	0.0717	5.52%		65.43		130%	
82	78	1,091	0.0715	6.42%		70.02		111%	
83	77	996	0.0773	7.20%		71.73		107%	
84	68	850	0.0800	8.16%		69.33		98%	
85	86	762	0.1129	8.96%		68.25		126%	
86	75	659	0.1138	9.70%		63.93		117%	
87	64	562	0.1139	10.69%		60.05		107%	
88	72	489	0.1472	11.72%		57.32		126%	
89	59	402	0.1468	12.58%		50.58		117%	
90	48	320	0.1500	13.77%		44.06		109%	
91	42	243	0.1728	16.23%		39.44		106%	
92	44	184	0.2391	18.97%		34.90		126%	
93	33	127	0.2598	21.22%		26.95		122%	
94	14	83	0.1687	23.29%		19.33		72%	
95	15	52	0.2885	25.79%		13.41		112%	
96	7	27	0.2593	27.60%		7.45		94%	
97	5	16	0.3125	29.24%		4.68		107%	
98	2	7	0.2857	31.15%		2.18		92%	
99	0	5	0.0000	32.50%		1.63		0%	
Subtotal	2,039	86,943				1,739.48		117%	
100 or more	4	6	0.6667	33.60%		2.02		198%	
Total	2,043	86,949				1,741		117%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN**

TABLE 2A GROUPED

Age	TABLE 2A GROUPED			10-YEAR PERIOD ENDING 6/30/2011					
	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	10	3,507	0.0029	0.22%		7.82		128%	
45-49	23	8,802	0.0026	0.26%		23.16		99%	
50-54	39	10,856	0.0036	0.32%		34.87		112%	
55-59	68	9,474	0.0072	0.51%		48.55		140%	
60-64	93	10,869	0.0086	0.01		90.07		103%	
65-69	224	13,227	0.0169	1.32%		174.62		128%	
70-74	284	12,207	0.0233	2.01%		245.39		116%	
75-79	350	8,629	0.0406	3.28%		283.36		124%	
80-84	382	5,434	0.0703	6.21%		337.48		113%	
85-89	356	2,874	0.1239	10.44%		300.13		119%	
90-94	181	957	0.1891	17.21%		164.68		110%	
95-99	29	107	0.2710	27.43%		29.35		99%	
100+	4	6	0.6667	33.60%		2.02		198%	
Total	2,043	86,949				1,741.49		117%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 2B		10-YEAR PERIOD ENDING 6/30/2011			
	Life Years Exposed (2)	Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	7,618	179	143.7	125%	2.35%	1.89%
2003	8,301	225	152.8	147%	2.71%	1.84%
2004	8,610	203	158.7	128%	2.36%	1.84%
2005	8,785	175	164.1	107%	1.99%	1.87%
2006	8,959	195	171.3	114%	2.18%	1.91%
2007	8,869	192	175.7	109%	2.16%	1.98%
2008	9,212	210	184.5	114%	2.28%	2.00%
2009	9,455	222	191.2	116%	2.35%	2.02%
2010	9,604	203	195.7	104%	2.11%	2.04%
2011	9,769	248	202.5	122%	2.54%	2.07%
Total	89,182	2,052	1740.2	118%	2.30%	1.95%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 41.

**NEW YORK FIRE DEPARTMENT PENSION FUND
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 3A

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Withdrawals		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
0	2	30	0.0667	2.00%		0.60		333%	
1	7	538	0.0130	0.80%		4.30		163%	
2	8	836	0.0096	0.40%		3.34		239%	
3	4	1,150	0.0035	0.40%		4.60		87%	
4	5	1,339	0.0037	0.40%		5.36		93%	
5	3	1,191	0.0025	0.40%		4.76		63%	
6	4	1,565	0.0026	0.36%		5.63		71%	
7	3	1,443	0.0021	0.32%		4.62		65%	
8	3	1,271	0.0024	0.28%		3.56		84%	
9	1	948	0.0011	0.24%		2.28		44%	
10	2	944	0.0021	0.20%		1.89		106%	
11	0	1,053	0.0000	0.18%		1.90		0%	
12	0	859	0.0000	0.16%		1.37		0%	
13	0	676	0.0000	0.14%		0.95		0%	
14	0	791	0.0000	0.12%		0.95		0%	
15	3	829	0.0036	0.10%		0.83		362%	
16	1	637	0.0016	0.10%		0.64		157%	
17	0	566	0.0000	0.10%		0.57		0%	
18	0	477	0.0000	0.10%		0.48		0%	
19	0	843	0.0000	0.10%		0.84		0%	
Total	46	17,986	0.0026			49.46		93%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 3A

10-YEAR PERIOD ENDING 6/30/2011

Service (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Withdrawals		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
0	45	3,548	0.0127	2.00%		70.96		63%	
1	25	5,211	0.0048	0.80%		41.69		60%	
2	18	6,178	0.0029	0.40%		24.71		73%	
3	10	5,578	0.0018	0.40%		22.31		45%	
4	10	6,000	0.0017	0.40%		24.00		42%	
5	8	5,185	0.0015	0.40%		20.74		39%	
6	9	5,484	0.0016	0.36%		19.74		46%	
7	14	5,106	0.0027	0.32%		16.34		86%	
8	7	4,899	0.0014	0.28%		13.72		51%	
9	4	4,209	0.0010	0.24%		10.10		40%	
10	5	4,115	0.0012	0.20%		8.23		61%	
11	3	4,244	0.0007	0.18%		7.64		39%	
12	3	4,012	0.0007	0.16%		6.42		47%	
13	5	3,719	0.0013	0.14%		5.21		96%	
14	4	3,740	0.0011	0.12%		4.49		89%	
15	3	3,534	0.0008	0.10%		3.53		85%	
16	5	3,505	0.0014	0.10%		3.51		143%	
17	1	3,572	0.0003	0.10%		3.57		28%	
18	1	3,896	0.0003	0.10%		3.90		26%	
19	2	3,799	0.0005	0.10%		3.80		53%	
Total	182	89,534	0.0020			314.60		58%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 3B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Withdrawals (3)	Expected Withdrawals (4)	Actual / Expected (5)	Withdrawal Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	8,448	11	25.3	44%	0.13%	0.30%
2003	8,555	23	33.0	70%	0.27%	0.39%
2004	8,689	35	35.2	99%	0.40%	0.41%
2005	9,050	59	38.7	152%	0.65%	0.43%
2006	9,094	0	37.2	0%	0.00%	0.41%
2007	9,260	7	35.9	19%	0.08%	0.39%
2008	8,985	2	27.1	7%	0.02%	0.30%
2009	9,405	3	32.0	9%	0.03%	0.34%
2010	9,294	26	26.8	97%	0.28%	0.29%
2011	8,657	21	22.1	95%	0.24%	0.26%
Total	89,437	187	313.4	60%	0.21%	0.35%

*The total exposures and actuals shown above include experience at all service levels. I.e. service over 20 years.

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4A

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	2	17	0.1176	10.00%		1.70		118%	
41	1	37	0.0270	10.00%		3.70		27%	
42	0	41	0.0000	10.00%		4.10		0%	
43	6	47	0.1277	10.00%		4.70		128%	
44	2	53	0.0377	10.00%		5.30		38%	
45	2	61	0.0328	10.00%		6.10		33%	
46	2	78	0.0256	11.00%		8.58		23%	
47	6	93	0.0645	12.00%		11.16		54%	
48	2	70	0.0286	13.00%		9.10		22%	
49	5	50	0.1000	14.00%		7.00		71%	
50	3	51	0.0588	15.00%		7.65		39%	
51	4	34	0.1176	16.00%		5.44		74%	
52	6	29	0.2069	17.00%		4.93		122%	
53	2	20	0.1000	18.00%		3.60		56%	
54	3	16	0.1875	19.00%		3.04		99%	
55	2	9	0.2222	20.00%		1.80		111%	
56	2	7	0.2857	20.00%		1.40		143%	
57	0	0	N/A	20.00%		0		0%	
58	0	0	N/A	20.00%		0		0%	
59	0	0	N/A	20.00%		0		0%	
60	0	0	N/A	20.00%		0		0%	
61	0	0	N/A	30.00%		0		0%	
62	0	1	0.0000	40.00%		0.40		0%	
63	0	0	N/A	100.00%		0		0%	
64	0	0	N/A	100.00%		0		0%	
65	0	0	N/A	100.00%		0		0%	
66	0	0	N/A	100.00%		0		0%	
67	0	0	N/A	100.00%		0		0%	
68	0	1	0.0000	100.00%		1.00		0%	
69	0	1	0.0000	100.00%		1.00		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	50	716				91.70		55%	
71 or more	0	0	N/A	100.00%		0		0%	
Total	50	716				91.70		55%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4B

Age (1)	TABLE 4B			2-YEAR PERIOD ENDING 6/30/2011					
	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Retirements		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
40	0	2	0.0000	2.00%		0.04		0%	
41	0	8	0.0000	2.00%		0.16		0%	
42	0	27	0.0000	2.00%		0.54		0%	
43	0	12	0.0000	2.00%		0.24		0%	
44	1	10	0.1000	2.00%		0.20		500%	
45	2	33	0.0606	2.00%		0.66		303%	
46	0	26	0.0000	2.00%		0.52		0%	
47	1	53	0.0189	2.00%		1.06		94%	
48	0	45	0.0000	2.00%		0.90		0%	
49	1	38	0.0263	2.00%		0.76		132%	
50	0	32	0.0000	2.00%		0.64		0%	
51	1	30	0.0333	2.00%		0.60		167%	
52	2	23	0.0870	3.00%		0.69		290%	
53	1	24	0.0417	4.00%		0.96		104%	
54	0	13	0.0000	5.00%		0.65		0%	
55	0	12	0.0000	6.00%		0.72		0%	
56	0	3	0.0000	7.00%		0.21		0%	
57	0	3	0.0000	8.00%		0.24		0%	
58	0	0	N/A	9.00%		0		0%	
59	0	0	N/A	10.00%		0		0%	
60	0	0	N/A	12.00%		0		0%	
61	0	0	N/A	15.00%		0		0%	
62	0	0	N/A	20.00%		0		0%	
63	0	0	N/A	100.00%		0		0%	
64	0	0	N/A	100.00%		0		0%	
65	0	0	N/A	100.00%		0		0%	
66	0	0	N/A	100.00%		0		0%	
67	0	0	N/A	100.00%		0		0%	
68	0	0	N/A	100.00%		0		0%	
69	0	0	N/A	100.00%		0		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	9	394				9.79		92%	
71 or more	0	0	N/A	100.00%		0		0%	
Total	9	394				9.79		92%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4C

Age (1)				Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	2.00%		0		0%	
41	0	2	0.0000	2.00%		0.04		0%	
42	0	10	0.0000	2.00%		0.20		0%	
43	0	40	0.0000	2.00%		0.80		0%	
44	1	63	0.0159	2.00%		1.26		79%	
45	1	111	0.0090	2.00%		2.22		45%	
46	2	179	0.0112	2.00%		3.58		56%	
47	4	232	0.0172	2.00%		4.64		86%	
48	5	263	0.0190	2.00%		5.26		95%	
49	5	248	0.0202	2.00%		4.96		101%	
50	8	278	0.0288	2.00%		5.56		144%	
51	8	366	0.0219	2.00%		7.32		109%	
52	14	392	0.0357	3.00%		11.76		119%	
53	9	323	0.0279	4.00%		12.92		70%	
54	13	279	0.0466	5.00%		13.95		93%	
55	10	232	0.0431	6.00%		13.92		72%	
56	11	190	0.0579	7.00%		13.30		83%	
57	4	138	0.0290	8.00%		11.04		36%	
58	4	100	0.0400	9.00%		9.00		44%	
59	3	64	0.0469	10.00%		6.40		47%	
60	0	34	0.0000	12.00%		4.08		0%	
61	3	31	0.0968	15.00%		4.65		65%	
62	2	25	0.0800	20.00%		5.00		40%	
63	2	19	0.1053	100.00%		19.00		11%	
64	1	10	0.1000	100.00%		10.00		10%	
65	1	3	0.3333	100.00%		3.00		33%	
66	0	0	N/A	100.00%		0		0%	
67	0	0	N/A	100.00%		0		0%	
68	0	0	N/A	100.00%		0		0%	
69	0	0	N/A	100.00%		0		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	111	3,632				173.86		64%	
71 or more	0	0	N/A	100.00%		0		0%	
Total	111	3,632				173.86		64%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4A GROUPED

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>2-YEAR PERIOD ENDING 6/30/2011</u> <u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u>	<u>Proposed (8) / (3)</u>	<u>Current (7)</u>	<u>Proposed (8)</u>	<u>Current (2) / (7)</u>	<u>Proposed (2) / (8)</u>
				(5)	(6)	(7)	(8)	(9)	(10)
40-44	11	195	0.0564	10.00%		19.50		56%	
45-59	17	352	0.0483	11.91%		41.94		41%	
50-54	18	150	0.1200	16.44%		24.66		73%	
55-59	4	16	0.2500	20.00%		3.20		125%	
60-64	0	1	0.0000	40.00%		0.40		0%	
65-69	0	2	0.0000	100.00%		2.00		0%	
70+	0	0	N/A			0		0%	
Total	50	716				91.70		55%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4B GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u> (5)	<u>Proposed (8) / (3)</u> (6)	<u>Current (7)</u> (7)	<u>Proposed (8)</u> (8)	<u>Current (2) / (7)</u> (9)	<u>Proposed (2) / (8)</u> (10)
40-44	1	59	0.0169	2.00%		1.18		85%	
45-59	4	195	0.0205	2.00%		3.90		103%	
50-54	4	122	0.0328	2.90%		3.54		113%	
55-59	0	18	0.0000	6.50%		1.17		0%	
60-64	0	0	N/A			0		0%	
65-69	0	0	N/A			0		0%	
70+	0	0	N/A			0		0%	
Total	9	394				9.79		92%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4C GROUPED

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u>	<u>Proposed (8) / (3)</u>	<u>Current (7)</u>	<u>Proposed (8)</u>	<u>Current (2) / (7)</u>	<u>Proposed (2) / (8)</u>
				(5)	(6)	(7)	(8)	(9)	(10)
40-44	1	115	0.0087	2.00%		2.30		43%	
45-59	17	1,033	0.0165	2.00%		20.66		82%	
50-54	52	1,638	0.0317	3.14%		51.51		101%	
55-59	32	724	0.0442	7.41%		53.66		60%	
60-64	8	119	0.0672	35.91%		42.73		19%	
65-69	1	3	0.3333	100.00%		3.00		33%	
70+	0	0	N/A			0		0%	
Total	111	3,632				173.86		64%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4A

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(5)	(6)	(3) x (5) (7)	(3) x (6) (8)	(2) / (7) (9)	(2) / (8) (10)
40	25	91	0.2747	10.00%		9.10		275%	
41	23	236	0.0975	10.00%		23.60		97%	
42	26	278	0.0935	10.00%		27.80		94%	
43	41	382	0.1073	10.00%		38.20		107%	
44	55	466	0.1180	10.00%		46.60		118%	
45	50	512	0.0977	10.00%		51.20		98%	
46	52	507	0.1026	11.00%		55.77		93%	
47	68	441	0.1542	12.00%		52.92		128%	
48	44	364	0.1209	13.00%		47.32		93%	
49	27	290	0.0931	14.00%		40.60		67%	
50	34	227	0.1498	15.00%		34.05		100%	
51	26	146	0.1781	16.00%		23.36		111%	
52	19	118	0.1610	17.00%		20.06		95%	
53	17	69	0.2464	18.00%		12.42		137%	
54	7	44	0.1591	19.00%		8.36		84%	
55	3	14	0.2143	20.00%		2.80		107%	
56	2	11	0.1818	20.00%		2.20		91%	
57	0	1	0.0000	20.00%		0.20		0%	
58	0	0	N/A	20.00%		0		0%	
59	1	0	N/A	20.00%		0		0%	
60	0	0	N/A	20.00%		0		0%	
61	0	0	N/A	30.00%		0		0%	
62	0	1	0.0000	40.00%		0.40		0%	
63	0	0	N/A	100.00%		0		0%	
64	0	0	N/A	100.00%		0		0%	
65	0	0	N/A	100.00%		0		0%	
66	0	1	0.0000	100.00%		1.00		0%	
67	0	1	0.0000	100.00%		1.00		0%	
68	0	1	0.0000	100.00%		1.00		0%	
69	0	1	0.0000	100.00%		1.00		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	520	4,202				500.96		104%	
71 or more	0	0	N/A	100.00%		0		0%	
Total	520	4,202				500.96		104%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4B

Age (1)				Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	9	0.0000	2.00%		0.18		0%	
41	1	57	0.0175	2.00%		1.14		88%	
42	5	199	0.0251	2.00%		3.98		126%	
43	8	195	0.0410	2.00%		3.90		205%	
44	19	274	0.0693	2.00%		5.48		347%	
45	23	318	0.0723	2.00%		6.36		362%	
46	15	332	0.0452	2.00%		6.64		226%	
47	10	329	0.0304	2.00%		6.58		152%	
48	17	266	0.0639	2.00%		5.32		320%	
49	14	233	0.0601	2.00%		4.66		300%	
50	13	191	0.0681	2.00%		3.82		340%	
51	6	134	0.0448	2.00%		2.68		224%	
52	8	80	0.1000	3.00%		2.40		333%	
53	2	71	0.0282	4.00%		2.84		70%	
54	0	37	0.0000	5.00%		1.85		0%	
55	1	24	0.0417	6.00%		1.44		69%	
56	0	6	0.0000	7.00%		0.42		0%	
57	0	5	0.0000	8.00%		0.40		0%	
58	0	1	0.0000	9.00%		0.09		0%	
59	0	1	0.0000	10.00%		0.10		0%	
60	0	0	N/A	12.00%		0		0%	
61	0	0	N/A	15.00%		0		0%	
62	0	0	N/A	20.00%		0		0%	
63	0	0	N/A	100.00%		0		0%	
64	0	0	N/A	100.00%		0		0%	
65	0	0	N/A	100.00%		0		0%	
66	0	0	N/A	100.00%		0		0%	
67	0	0	N/A	100.00%		0		0%	
68	0	0	N/A	100.00%		0		0%	
69	0	0	N/A	100.00%		0		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	142	2,762				60.28		236%	
71 or more	0	0	N/A	100.00%		0		0%	
Total	142	2,762				60.28		236%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4C

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(5)	(6)	(3) x (5) (7)	(3) x (6) (8)	(2) / (7) (9)	(2) / (8) (10)
40	0	4	0.0000	2.00%		0.08		0%	
41	1	12	0.0833	2.00%		0.24		417%	
42	0	68	0.0000	2.00%		1.36		0%	
43	7	309	0.0227	2.00%		6.18		113%	
44	17	541	0.0314	2.00%		10.82		157%	
45	33	824	0.0400	2.00%		16.48		200%	
46	42	1,065	0.0394	2.00%		21.30		197%	
47	42	1,302	0.0323	2.00%		26.04		161%	
48	45	1,470	0.0306	2.00%		29.40		153%	
49	62	1,568	0.0395	2.00%		31.36		198%	
50	77	1,611	0.0478	2.00%		32.22		239%	
51	74	1,565	0.0473	2.00%		31.30		236%	
52	78	1,420	0.0549	3.00%		42.60		183%	
53	57	1,180	0.0483	4.00%		47.20		121%	
54	53	1,031	0.0514	5.00%		51.55		103%	
55	66	860	0.0767	6.00%		51.60		128%	
56	55	650	0.0846	7.00%		45.50		121%	
57	24	470	0.0511	8.00%		37.60		64%	
58	38	360	0.1056	9.00%		32.40		117%	
59	21	272	0.0772	10.00%		27.20		77%	
60	9	204	0.0441	12.00%		24.48		37%	
61	19	158	0.1203	15.00%		23.70		80%	
62	13	103	0.1262	20.00%		20.60		63%	
63	8	73	0.1096	100.00%		73.00		11%	
64	8	52	0.1538	100.00%		52.00		15%	
65	6	15	0.4000	100.00%		15.00		40%	
66	0	0	N/A	100.00%		0		0%	
67	0	0	N/A	100.00%		0		0%	
68	0	0	N/A	100.00%		0		0%	
69	0	0	N/A	100.00%		0		0%	
70	0	0	N/A	100.00%		0		0%	
Subtotal	855	17,187				751.21		114%	
71 or more	1	1	1.0000	100.00%		1.00		100%	
Total	856	17,188				752.21		114%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4A GROUPED

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>10-YEAR PERIOD ENDING 6/30/2011</u> <u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u> (5)	<u>Proposed (8) / (3)</u> (6)	<u>Current (7)</u>	<u>Proposed (8)</u>	<u>Current (2) / (7)</u> (9)	<u>Proposed (2) / (8)</u> (10)
				40-44	170	1,453	0.1170	10.00%	
45-59	241	2,114	0.1140	11.72%		247.81		97%	
50-54	103	604	0.1705	16.27%		98.25		105%	
55-59	6	26	0.2308	20.00%		5.20		115%	
60-64	0	1	0.0000	40.00%		0.40		0%	
65-69	0	4	0.0000	100.00%		4.00		0%	
70+	0	0	N/A			0		0%	
Total	520	4,202				500.96		104%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4B GROUPED

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>10-YEAR PERIOD ENDING 6/30/2011</u> <u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u> (5)	<u>Proposed (8) / (3)</u> (6)	<u>Current (7)</u> (7)	<u>Proposed (8)</u> (8)	<u>Current (2) / (7)</u> (9)	<u>Proposed (2) / (8)</u> (10)
				40-44	33	734	0.0450	2.00%	
45-59	79	1,478	0.0535	2.00%		29.56		267%	
50-54	29	513	0.0565	2.65%		13.59		213%	
55-59	1	37	0.0270	6.62%		2.45		41%	
60-64	0	0	N/A			0		0%	
65-69	0	0	N/A			0		0%	
70+	0	0	N/A			0		0%	
Total	142	2,762				60.28		236%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN**

TABLE 4C GROUPED

<u>Age</u> (1)	<u>Actual Retirements</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate (2) / (3)</u> (4)	<u>Assumed Probability</u>		<u>10-YEAR PERIOD ENDING 6/30/2011</u> <u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Current (7) / (3)</u> (5)	<u>Proposed (8) / (3)</u> (6)	<u>Current (7)</u>	<u>Proposed (8)</u>	<u>Current (2) / (7)</u> (9)	<u>Proposed (2) / (8)</u> (10)
				40-44	25	934	0.0268	2.00%	
45-59	224	6,229	0.0360	2.00%		124.58		180%	
50-54	339	6,807	0.0498	3.01%		204.87		165%	
55-59	204	2,612	0.0781	7.44%		194.30		105%	
60-64	57	590	0.0966	32.84%		193.78		29%	
65-69	6	15	0.4000	100.00%		15.00		40%	
70+	1	1	1.0000	100.00%		1.00		100%	
Total	856	17,188				752.21		114%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
RETIREMENT EXPERIENCE - ALL EXPERIENCE COMBINED
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 4D		10-YEAR PERIOD ENDING 6/30/2011			
	Life Years Exposed (2)	Actual Retirements (3)	Expected Retirements (4)	Actual / Expected (5)	Retirement Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	2,902	255	198.4	129%	8.79%	6.84%
2003	2,757	484	151.9	319%	17.56%	5.51%
2004	2,217	147	118.5	124%	6.63%	5.34%
2005	2,284	106	120.8	88%	4.64%	5.29%
2006	2,411	148	124.1	119%	6.14%	5.15%
2007	2,344	116	113.5	102%	4.95%	4.84%
2008	2,292	53	110.7	48%	2.31%	4.83%
2009	2,217	41	104.2	39%	1.85%	4.70%
2010	2,234	44	118.1	37%	1.97%	5.29%
2011	2,509	126	157.4	80%	5.02%	6.27%
Total	24,167	1,520	1,317.4	115%	6.29%	5.45%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 40 .

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 5A

2-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.04%		0		0%	
21	0	0	N/A	0.04%		0		0%	
22	0	7	0.0000	0.04%		0.00		0%	
23	0	21	0.0000	0.04%		0.01		0%	
24	0	89	0.0000	0.04%		0.04		0%	
25	0	273	0.0000	0.04%		0.11		0%	
26	0	509	0.0000	0.04%		0.20		0%	
27	1	647	0.0015	0.04%		0.26		386%	
28	0	689	0.0000	0.04%		0.28		0%	
29	0	774	0.0000	0.04%		0.31		0%	
30	0	881	0.0000	0.04%		0.35		0%	
31	2	985	0.0020	0.04%		0.39		508%	
32	1	1,047	0.0010	0.04%		0.42		239%	
33	1	1,002	0.0010	0.04%		0.40		250%	
34	2	909	0.0022	0.04%		0.36		550%	
35	1	900	0.0011	0.04%		0.36		278%	
36	1	927	0.0011	0.04%		0.39		257%	
37	0	901	0.0000	0.04%		0.40		0%	
38	0	910	0.0000	0.05%		0.42		0%	
39	0	907	0.0000	0.05%		0.44		0%	
40	2	843	0.0024	0.05%		0.42		474%	
41	1	749	0.0013	0.06%		0.45		223%	
42	0	738	0.0000	0.07%		0.52		0%	
43	1	734	0.0014	0.08%		0.59		170%	
44	1	739	0.0014	0.09%		0.67		150%	
45	0	790	0.0000	0.10%		0.79		0%	
46	1	774	0.0013	0.11%		0.85		117%	
47	1	685	0.0015	0.12%		0.82		122%	
48	2	578	0.0035	0.13%		0.75		266%	
49	0	511	0.0000	0.14%		0.72		0%	
50	1	486	0.0021	0.15%		0.73		137%	
51	0	499	0.0000	0.16%		0.80		0%	
52	1	468	0.0021	0.17%		0.80		126%	
53	1	377	0.0027	0.18%		0.68		147%	
54	0	318	0.0000	0.19%		0.60		0%	
55	1	261	0.0038	0.20%		0.52		192%	
56	1	202	0.0050	0.22%		0.44		225%	
57	0	143	0.0000	0.24%		0.34		0%	
58	0	102	0.0000	0.26%		0.27		0%	
59	0	64	0.0000	0.28%		0.18		0%	
60	0	34	0.0000	0.30%		0.10		0%	
61	0	31	0.0000	0.32%		0.10		0%	
62	0	26	0.0000	0.34%		0.09		0%	
63	0	0	N/A	0.34%		0		0%	
64	0	0	N/A	0.34%		0		0%	
65	0	0	N/A	0.34%		0		0%	
66	0	0	N/A	0.34%		0		0%	
67	0	0	N/A	0.34%		0		0%	
68	0	0	N/A	0.34%		0		0%	
69	0	0	N/A	0.34%		0		0%	
70	0	0	N/A	0.34%		0		0%	
71	0	0	N/A	0.34%		0		0%	
72	0	0	N/A	0.34%		0		0%	
73	0	0	N/A	0.34%		0		0%	
74	0	0	N/A	0.34%		0		0%	
Total	23	22,530				17.35		133%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 5A GROUPED

<u>Age</u> (1)	<u>Actual Deaths</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>2-YEAR PERIOD ENDING 6/30/2011</u> <u>Expected Deaths</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
				20-24	0	117	0.0000	0.04%	
25-29	1	2,892	0.0003	0.04%		1.16		86%	
30-34	6	4,824	0.0012	0.04%		1.93		311%	
35-39	2	4,545	0.0004	0.04%		2.00		100%	
40-44	5	3,803	0.0013	0.07%		2.64		189%	
45-49	4	3,338	0.0012	0.12%		3.93		102%	
50-54	3	2,148	0.0014	0.17%		3.61		83%	
55-59	2	772	0.0026	0.23%		1.75		114%	
60-64	0	91	0.0000	0.32%		0.29		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	23	22,530				17.35		133%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 5A

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(5)	(6)	(3) x (5) (7)	(3) x (6) (8)	(2) / (7) (9)	(2) / (8) (10)
20	0	4	0.0000	0.04%		0.00		0%	
21	0	38	0.0000	0.04%		0.02		0%	
22	0	235	0.0000	0.04%		0.09		0%	
23	1	582	0.0017	0.04%		0.23		430%	
24	0	1,162	0.0000	0.04%		0.46		0%	
25	0	1,778	0.0000	0.04%		0.71		0%	
26	0	2,351	0.0000	0.04%		0.94		0%	
27	1	2,834	0.0004	0.04%		1.13		88%	
28	0	3,251	0.0000	0.04%		1.30		0%	
29	2	3,614	0.0006	0.04%		1.45		138%	
30	1	3,988	0.0003	0.04%		1.60		63%	
31	2	4,284	0.0005	0.04%		1.71		117%	
32	1	4,509	0.0002	0.04%		1.80		55%	
33	2	4,583	0.0004	0.04%		1.83		109%	
34	3	4,642	0.0006	0.04%		1.86		162%	
35	2	4,598	0.0004	0.04%		1.84		109%	
36	1	4,645	0.0002	0.04%		1.95		51%	
37	2	4,679	0.0004	0.04%		2.06		97%	
38	0	4,704	0.0000	0.05%		2.16		0%	
39	0	4,653	0.0000	0.05%		2.23		0%	
40	4	4,521	0.0009	0.05%		2.26		177%	
41	2	4,358	0.0005	0.06%		2.61		76%	
42	1	4,329	0.0002	0.07%		3.03		33%	
43	1	4,371	0.0002	0.08%		3.50		29%	
44	2	4,303	0.0005	0.09%		3.87		52%	
45	0	4,199	0.0000	0.10%		4.20		0%	
46	1	3,913	0.0003	0.11%		4.30		23%	
47	2	3,599	0.0006	0.12%		4.32		46%	
48	3	3,211	0.0009	0.13%		4.17		72%	
49	0	2,877	0.0000	0.14%		4.03		0%	
50	1	2,553	0.0004	0.15%		3.83		26%	
51	1	2,174	0.0005	0.16%		3.48		29%	
52	2	1,789	0.0011	0.17%		3.04		66%	
53	3	1,403	0.0021	0.18%		2.53		119%	
54	0	1,146	0.0000	0.19%		2.18		0%	
55	3	915	0.0033	0.20%		1.83		164%	
56	2	673	0.0030	0.22%		1.48		135%	
57	0	480	0.0000	0.24%		1.15		0%	
58	1	365	0.0027	0.26%		0.95		105%	
59	0	275	0.0000	0.28%		0.77		0%	
60	1	206	0.0049	0.30%		0.62		162%	
61	0	160	0.0000	0.32%		0.51		0%	
62	0	106	0.0000	0.34%		0.36		0%	
63	0	0	N/A	0.34%		0		0%	
64	0	0	N/A	0.34%		0		0%	
65	0	0	N/A	0.34%		0		0%	
66	0	0	N/A	0.34%		0		0%	
67	0	0	N/A	0.34%		0		0%	
68	0	0	N/A	0.34%		0		0%	
69	0	0	N/A	0.34%		0		0%	
70	0	0	N/A	0.34%		0		0%	
71	0	0	N/A	0.34%		0		0%	
72	0	0	N/A	0.34%		0		0%	
73	0	0	N/A	0.34%		0		0%	
74	0	0	N/A	0.34%		0		0%	
Total	48	113,060				84.41		57%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 5A GROUPED

Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)	(7)	(8)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	1	2,021	0.0005	0.04%		0.81		124%	
25-29	3	13,828	0.0002	0.04%		5.53		54%	
30-34	9	22,006	0.0004	0.04%		8.80		102%	
35-39	5	23,279	0.0002	0.04%		10.25		49%	
40-44	10	21,882	0.0005	0.07%		15.28		65%	
45-49	6	17,799	0.0003	0.12%		21.02		29%	
50-54	7	9,065	0.0008	0.17%		15.05		47%	
55-59	6	2,708	0.0022	0.23%		6.18		97%	
60-64	1	472	0.0021	0.32%		1.49		67%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	48	113,060				84.41		57%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 5B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	11,325	1	9.1	11%	0.01%	0.08%
2003	11,296	1	8.8	11%	0.01%	0.08%
2004	10,899	3	7.8	38%	0.03%	0.07%
2005	11,321	4	8.1	50%	0.04%	0.07%
2006	11,485	11	8.2	134%	0.10%	0.07%
2007	11,589	2	8.4	24%	0.02%	0.07%
2008	11,265	1	8.3	12%	0.01%	0.07%
2009	11,610	1	8.6	12%	0.01%	0.07%
2010	11,510	16	8.7	184%	0.14%	0.08%
2011	11,069	6	8.7	69%	0.05%	0.08%
Total	113,369	46	84.6	54%	0.04%	0.07%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 20 and over 75.

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 6A

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(5)	(6)	(3) x (5) (7)	(3) x (6) (8)	(2) / (7) (9)	(2) / (8) (10)
20	0	0	N/A	0.02%		0		0%	
21	0	0	N/A	0.02%		0		0%	
22	0	7	0.0000	0.02%		0.00		0%	
23	0	21	0.0000	0.02%		0.00		0%	
24	0	89	0.0000	0.02%		0.02		0%	
25	0	273	0.0000	0.02%		0.05		0%	
26	0	511	0.0000	0.02%		0.10		0%	
27	0	650	0.0000	0.02%		0.13		0%	
28	0	692	0.0000	0.02%		0.14		0%	
29	0	778	0.0000	0.02%		0.16		0%	
30	0	885	0.0000	0.02%		0.18		0%	
31	0	990	0.0000	0.02%		0.20		0%	
32	0	1,057	0.0000	0.02%		0.21		0%	
33	0	1,011	0.0000	0.02%		0.20		0%	
34	0	918	0.0000	0.02%		0.18		0%	
35	1	907	0.0011	0.02%		0.18		551%	
36	0	929	0.0000	0.02%		0.19		0%	
37	0	904	0.0000	0.02%		0.18		0%	
38	0	914	0.0000	0.02%		0.18		0%	
39	0	910	0.0000	0.02%		0.18		0%	
40	0	846	0.0000	0.02%		0.17		0%	
41	0	751	0.0000	0.03%		0.20		0%	
42	0	739	0.0000	0.03%		0.24		0%	
43	0	735	0.0000	0.04%		0.28		0%	
44	3	740	0.0041	0.04%		0.33		921%	
45	0	791	0.0000	0.05%		0.40		0%	
46	1	774	0.0013	0.06%		0.46		215%	
47	1	685	0.0015	0.07%		0.48		209%	
48	2	578	0.0035	0.08%		0.46		433%	
49	0	511	0.0000	0.09%		0.46		0%	
50	1	487	0.0021	0.10%		0.49		205%	
51	0	501	0.0000	0.12%		0.60		0%	
52	2	469	0.0043	0.14%		0.66		305%	
53	0	377	0.0000	0.16%		0.60		0%	
54	1	318	0.0031	0.18%		0.57		175%	
55	0	261	0.0000	0.20%		0.52		0%	
56	0	202	0.0000	0.22%		0.44		0%	
57	0	143	0.0000	0.24%		0.34		0%	
58	0	103	0.0000	0.26%		0.27		0%	
59	0	66	0.0000	0.28%		0.18		0%	
60	1	35	0.0286	0.30%		0.11		952%	
61	0	31	0.0000	0.40%		0.12		0%	
62	0	27	0.0000	0.50%		0.14		0%	
63	0	0	N/A	0.50%		0		0%	
64	0	0	N/A	0.50%		0		0%	
65	0	0	N/A	0.50%		0		0%	
66	0	0	N/A	0.50%		0		0%	
67	0	0	N/A	0.50%		0		0%	
68	0	0	N/A	0.50%		0		0%	
69	0	0	N/A	0.50%		0		0%	
70	0	0	N/A	0.50%		0		0%	
71	0	0	N/A	0.50%		0		0%	
72	0	0	N/A	0.50%		0		0%	
73	0	0	N/A	0.50%		0		0%	
74	0	0	N/A	0.50%		0		0%	
Total	13	22,616				11.00		118%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 6A GROUPED

Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)	(7)	(8)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	117	0.0000	0.02%		0.02		0%	
25-29	0	2,904	0.0000	0.02%		0.58		0%	
30-34	0	4,861	0.0000	0.02%		0.97		0%	
35-39	1	4,564	0.0002	0.02%		0.91		110%	
40-44	3	3,811	0.0008	0.03%		1.21		249%	
45-49	4	3,339	0.0012	0.07%		2.26		177%	
50-54	4	2,152	0.0019	0.14%		2.92		137%	
55-59	0	775	0.0000	0.23%		1.76		0%	
60-64	1	93	0.0108	0.39%		0.36		275%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	13	22,616				11.00		118%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 6A

Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(5)	(6)	(3) x (5) (7)	(3) x (6) (8)	(2) / (7) (9)	(2) / (8) (10)
20	0	4	0.0000	0.02%		0.00		0%	
21	0	38	0.0000	0.02%		0.01		0%	
22	0	237	0.0000	0.02%		0.05		0%	
23	1	585	0.0017	0.02%		0.12		855%	
24	1	1,166	0.0009	0.02%		0.23		429%	
25	4	1,785	0.0022	0.02%		0.36		1120%	
26	4	2,361	0.0017	0.02%		0.47		847%	
27	4	2,848	0.0014	0.02%		0.57		702%	
28	8	3,266	0.0024	0.02%		0.65		1225%	
29	9	3,634	0.0025	0.02%		0.73		1238%	
30	10	4,011	0.0025	0.02%		0.80		1247%	
31	9	4,306	0.0021	0.02%		0.86		1045%	
32	14	4,538	0.0031	0.02%		0.91		1543%	
33	8	4,609	0.0017	0.02%		0.92		868%	
34	19	4,664	0.0041	0.02%		0.93		2037%	
35	16	4,619	0.0035	0.02%		0.92		1732%	
36	16	4,658	0.0034	0.02%		0.93		1717%	
37	25	4,692	0.0053	0.02%		0.94		2664%	
38	17	4,716	0.0036	0.02%		0.94		1802%	
39	12	4,667	0.0026	0.02%		0.93		1286%	
40	14	4,531	0.0031	0.02%		0.91		1545%	
41	10	4,365	0.0023	0.03%		1.13		881%	
42	14	4,336	0.0032	0.03%		1.39		1009%	
43	21	4,379	0.0048	0.04%		1.66		1262%	
44	20	4,311	0.0046	0.04%		1.90		1054%	
45	17	4,210	0.0040	0.05%		2.11		808%	
46	21	3,925	0.0054	0.06%		2.36		892%	
47	13	3,609	0.0036	0.07%		2.53		515%	
48	10	3,218	0.0031	0.08%		2.57		388%	
49	8	2,882	0.0028	0.09%		2.59		308%	
50	8	2,561	0.0031	0.10%		2.56		312%	
51	11	2,183	0.0050	0.12%		2.62		420%	
52	7	1,797	0.0039	0.14%		2.52		278%	
53	5	1,408	0.0036	0.16%		2.25		222%	
54	8	1,151	0.0070	0.18%		2.07		386%	
55	4	920	0.0043	0.20%		1.84		217%	
56	0	677	0.0000	0.22%		1.49		0%	
57	1	483	0.0021	0.24%		1.16		86%	
58	0	368	0.0000	0.26%		0.96		0%	
59	1	278	0.0036	0.28%		0.78		128%	
60	2	208	0.0096	0.30%		0.62		321%	
61	0	161	0.0000	0.40%		0.64		0%	
62	2	107	0.0187	0.50%		0.54		374%	
63	1	0	N/A	0.50%		0		0%	
64	1	0	N/A	0.50%		0		0%	
65	0	0	N/A	0.50%		0		0%	
66	0	0	N/A	0.50%		0		0%	
67	0	0	N/A	0.50%		0		0%	
68	0	0	N/A	0.50%		0		0%	
69	0	0	N/A	0.50%		0		0%	
70	0	0	N/A	0.50%		0		0%	
71	0	0	N/A	0.50%		0		0%	
72	1	0	N/A	0.50%		0		0%	
73	0	0	N/A	0.50%		0		0%	
74	0	0	N/A	0.50%		0		0%	
Total	377	113,472				51.47		732%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 6A GROUPED

Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)	(7)	(8)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	2	2,030	0.0010	0.02%		0.41		493%	
25-29	29	13,894	0.0021	0.02%		2.78		1044%	
30-34	60	22,128	0.0027	0.02%		4.43		1356%	
35-39	86	23,352	0.0037	0.02%		4.67		1841%	
40-44	79	21,922	0.0036	0.03%		6.99		1130%	
45-49	69	17,844	0.0039	0.07%		12.15		568%	
50-54	39	9,100	0.0043	0.13%		12.02		324%	
55-59	6	2,726	0.0022	0.23%		6.22		96%	
60-64	6	476	0.0126	0.38%		1.80		333%	
65-69	0	0	N/A			0		0%	
70-74	1	0	N/A			0		0%	
Total	377	113,472				51.47		732%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30,	TABLE 6B Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Deaths	Expected Deaths	Actual / Expected	Mortality Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2002	11,325	343	5.6	6082%	3.03%	0.05%
2003	11,296	1	5.4	19%	0.01%	0.05%
2004	10,899	6	4.6	132%	0.06%	0.04%
2005	11,321	4	4.7	85%	0.04%	0.04%
2006	11,485	0	4.9	0%	0.00%	0.04%
2007	11,589	4	5.0	80%	0.03%	0.04%
2008	11,265	5	5.0	100%	0.04%	0.04%
2009	11,610	1	5.3	19%	0.01%	0.05%
2010	11,510	5	5.5	92%	0.04%	0.05%
2011	11,069	1	5.5	18%	0.01%	0.05%
Total	113,369	370	51.4	719%	0.33%	0.05%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 20 and over 75.

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 7A				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	0	N/A	0.01%		0		0%	
21	0	0	N/A	0.01%		0		0%	
22	0	7	0.0000	0.01%		0.00		0%	
23	0	21	0.0000	0.01%		0.00		0%	
24	0	89	0.0000	0.01%		0.01		0%	
25	0	273	0.0000	0.01%		0.03		0%	
26	0	511	0.0000	0.01%		0.05		0%	
27	0	650	0.0000	0.02%		0.13		0%	
28	0	692	0.0000	0.03%		0.21		0%	
29	0	778	0.0000	0.04%		0.31		0%	
30	0	885	0.0000	0.05%		0.44		0%	
31	0	990	0.0000	0.06%		0.59		0%	
32	0	1,057	0.0000	0.07%		0.74		0%	
33	0	1,011	0.0000	0.08%		0.81		0%	
34	0	918	0.0000	0.09%		0.83		0%	
35	0	907	0.0000	0.10%		0.91		0%	
36	0	929	0.0000	0.11%		1.02		0%	
37	0	904	0.0000	0.12%		1.08		0%	
38	0	914	0.0000	0.13%		1.19		0%	
39	0	910	0.0000	0.14%		1.27		0%	
40	0	846	0.0000	0.15%		1.27		0%	
41	0	751	0.0000	0.16%		1.20		0%	
42	0	739	0.0000	0.17%		1.26		0%	
43	0	735	0.0000	0.18%		1.32		0%	
44	0	740	0.0000	0.19%		1.41		0%	
45	0	791	0.0000	0.20%		1.58		0%	
46	0	774	0.0000	0.22%		1.70		0%	
47	0	685	0.0000	0.24%		1.64		0%	
48	0	578	0.0000	0.26%		1.50		0%	
49	0	511	0.0000	0.28%		1.43		0%	
50	0	487	0.0000	0.30%		1.46		0%	
51	0	501	0.0000	0.44%		2.20		0%	
52	0	469	0.0000	0.58%		2.72		0%	
53	0	377	0.0000	0.72%		2.71		0%	
54	0	318	0.0000	0.86%		2.73		0%	
55	0	261	0.0000	1.00%		2.61		0%	
56	0	202	0.0000	2.00%		4.04		0%	
57	0	143	0.0000	3.00%		4.29		0%	
58	0	103	0.0000	4.00%		4.12		0%	
59	0	66	0.0000	5.00%		3.30		0%	
60	0	35	0.0000	6.00%		2.10		0%	
61	0	31	0.0000	8.00%		2.48		0%	
62	0	27	0.0000	10.00%		2.70		0%	
63	0	0	N/A	10.00%		0		0%	
64	0	0	N/A	10.00%		0		0%	
65	0	0	N/A	10.00%		0		0%	
66	0	0	N/A	10.00%		0		0%	
67	0	0	N/A	10.00%		0		0%	
68	0	0	N/A	10.00%		0		0%	
69	0	0	N/A	10.00%		0		0%	
70	0	0	N/A	10.00%		0		0%	
71	0	0	N/A	10.00%		0		0%	
72	0	0	N/A	10.00%		0		0%	
73	0	0	N/A	10.00%		0		0%	
74	0	0	N/A	10.00%		0		0%	
Total	0	22,616				61.42		0%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN ELIGIBLE FOR WTC BENEFITS**

TABLE 8A

2-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.05%		0		0%	
21	0	0	N/A	0.05%		0		0%	
22	0	0	N/A	0.05%		0		0%	
23	0	0	N/A	0.05%		0		0%	
24	0	0	N/A	0.05%		0		0%	
25	0	0	N/A	0.05%		0		0%	
26	0	0	N/A	0.09%		0		0%	
27	0	0	N/A	0.13%		0		0%	
28	0	6	0.0000	0.17%		0.01		0%	
29	0	57	0.0000	0.21%		0.12		0%	
30	1	122	0.0082	0.25%		0.31		328%	
31	1	193	0.0052	0.40%		0.77		130%	
32	4	284	0.0141	0.55%		1.56		256%	
33	4	316	0.0127	0.70%		2.21		181%	
34	1	328	0.0030	0.85%		2.79		36%	
35	3	393	0.0076	1.00%		3.93		76%	
36	13	492	0.0264	1.20%		5.90		220%	
37	11	598	0.0184	1.40%		8.37		131%	
38	18	686	0.0262	1.60%		10.98		164%	
39	20	706	0.0283	1.80%		12.71		157%	
40	23	720	0.0319	2.00%		14.40		160%	
41	20	713	0.0281	2.20%		15.69		128%	
42	27	733	0.0368	2.40%		17.59		153%	
43	27	731	0.0369	2.60%		19.01		142%	
44	25	735	0.0340	2.80%		20.58		121%	
45	33	789	0.0418	3.00%		23.67		139%	
46	32	773	0.0414	3.40%		26.28		122%	
47	29	685	0.0423	3.80%		26.03		111%	
48	31	576	0.0538	4.20%		24.19		128%	
49	32	510	0.0627	4.60%		23.46		136%	
50	22	486	0.0453	5.00%		24.30		91%	
51	35	501	0.0699	5.60%		28.06		125%	
52	37	467	0.0792	6.20%		28.95		128%	
53	23	377	0.0610	6.80%		25.64		90%	
54	32	317	0.1009	7.40%		23.46		136%	
55	23	261	0.0881	8.00%		20.88		110%	
56	15	201	0.0746	10.00%		20.10		75%	
57	17	142	0.1197	12.00%		17.04		100%	
58	8	101	0.0792	15.00%		15.15		53%	
59	10	65	0.1538	18.00%		11.70		85%	
60	2	34	0.0588	21.00%		7.14		28%	
61	5	31	0.1613	25.00%		7.75		65%	
62	3	27	0.1111	30.00%		8.10		37%	
63	3	0	N/A	30.00%		0		0%	
64	1	0	N/A	30.00%		0		0%	
65	0	0	N/A	30.00%		0		0%	
66	0	0	N/A	30.00%		0		0%	
67	0	0	N/A	30.00%		0		0%	
68	0	0	N/A	30.00%		0		0%	
69	0	0	N/A	30.00%		0		0%	
70	0	0	N/A	30.00%		0		0%	
71	0	0	N/A	30.00%		0		0%	
72	0	0	N/A	30.00%		0		0%	
73	0	0	N/A	30.00%		0		0%	
74	0	0	N/A	30.00%		0		0%	
Total	591	14,156				498.82		118%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 7A GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Disabilities</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
20-24	0	117	0.0000	0.01%		0.01		0%	
25-29	0	2,904	0.0000	0.03%		0.73		0%	
30-34	0	4,861	0.0000	0.07%		3.41		0%	
35-39	0	4,564	0.0000	0.12%		5.48		0%	
40-44	0	3,811	0.0000	0.17%		6.46		0%	
45-49	0	3,339	0.0000	0.24%		7.86		0%	
50-54	0	2,152	0.0000	0.55%		11.83		0%	
55-59	0	775	0.0000	2.37%		18.36		0%	
60-64	0	93	0.0000	7.83%		7.28		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	0	22,616				61.42		0%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN ELIGIBLE FOR WTC BENEFITS**

TABLE 8A GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Disabilities</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
20-24	0	0	N/A			0		0%	
25-29	0	63	0.0000	0.21%		0.13		0%	
30-34	11	1,243	0.0088	0.61%		7.64		144%	
35-39	65	2,875	0.0226	1.46%		41.89		155%	
40-44	122	3,632	0.0336	2.40%		87.26		140%	
45-49	157	3,333	0.0471	3.71%		123.63		127%	
50-54	149	2,148	0.0694	6.07%		130.40		114%	
55-59	73	770	0.0948	11.02%		84.87		86%	
60-64	14	92	0.1522	24.99%		22.99		61%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	591	14,156				498.82		118%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 7A

10-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	4	0.0000	0.01%		0.00		0%	
21	0	38	0.0000	0.01%		0.00		0%	
22	0	237	0.0000	0.01%		0.02		0%	
23	0	585	0.0000	0.01%		0.06		0%	
24	0	1,166	0.0000	0.01%		0.12		0%	
25	0	1,785	0.0000	0.01%		0.18		0%	
26	0	2,361	0.0000	0.01%		0.24		0%	
27	0	2,848	0.0000	0.02%		0.57		0%	
28	0	3,266	0.0000	0.03%		0.98		0%	
29	0	3,634	0.0000	0.04%		1.45		0%	
30	2	4,011	0.0005	0.05%		2.01		100%	
31	0	4,306	0.0000	0.06%		2.58		0%	
32	1	4,538	0.0002	0.07%		3.18		31%	
33	0	4,609	0.0000	0.08%		3.69		0%	
34	1	4,664	0.0002	0.09%		4.20		24%	
35	0	4,619	0.0000	0.10%		4.62		0%	
36	0	4,658	0.0000	0.11%		5.12		0%	
37	0	4,692	0.0000	0.12%		5.63		0%	
38	5	4,716	0.0011	0.13%		6.13		82%	
39	0	4,667	0.0000	0.14%		6.53		0%	
40	2	4,531	0.0004	0.15%		6.80		29%	
41	1	4,365	0.0002	0.16%		6.98		14%	
42	1	4,336	0.0002	0.17%		7.37		14%	
43	1	4,379	0.0002	0.18%		7.88		13%	
44	4	4,311	0.0009	0.19%		8.19		49%	
45	1	4,210	0.0002	0.20%		8.42		12%	
46	1	3,925	0.0003	0.22%		8.64		12%	
47	0	3,609	0.0000	0.24%		8.66		0%	
48	0	3,218	0.0000	0.26%		8.37		0%	
49	0	2,882	0.0000	0.28%		8.07		0%	
50	2	2,561	0.0008	0.30%		7.68		26%	
51	0	2,183	0.0000	0.44%		9.61		0%	
52	0	1,797	0.0000	0.58%		10.42		0%	
53	1	1,408	0.0007	0.72%		10.14		10%	
54	2	1,151	0.0017	0.86%		9.90		20%	
55	7	920	0.0076	1.00%		9.20		76%	
56	6	677	0.0089	2.00%		13.54		44%	
57	6	483	0.0124	3.00%		14.49		41%	
58	2	368	0.0054	4.00%		14.72		14%	
59	8	278	0.0288	5.00%		13.90		58%	
60	7	208	0.0337	6.00%		12.48		56%	
61	5	161	0.0311	8.00%		12.88		39%	
62	2	107	0.0187	10.00%		10.70		19%	
63	2	0	N/A	10.00%		0		0%	
64	4	0	N/A	10.00%		0		0%	
65	0	0	N/A	10.00%		0		0%	
66	0	0	N/A	10.00%		0		0%	
67	0	0	N/A	10.00%		0		0%	
68	0	0	N/A	10.00%		0		0%	
69	0	0	N/A	10.00%		0		0%	
70	0	0	N/A	10.00%		0		0%	
71	0	0	N/A	10.00%		0		0%	
72	0	0	N/A	10.00%		0		0%	
73	0	0	N/A	10.00%		0		0%	
74	0	0	N/A	10.00%		0		0%	
Total	74	113,472				276.34		27%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN ELIGIBLE FOR WTC BENEFITS**

TABLE 8A

10-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.05%		0		0%	
21	0	4	0.0000	0.05%		0.00		0%	
22	0	59	0.0000	0.05%		0.03		0%	
23	0	124	0.0000	0.05%		0.06		0%	
24	0	254	0.0000	0.05%		0.13		0%	
25	0	410	0.0000	0.05%		0.21		0%	
26	0	573	0.0000	0.09%		0.52		0%	
27	2	791	0.0025	0.13%		1.03		194%	
28	0	1,096	0.0000	0.17%		1.86		0%	
29	3	1,451	0.0021	0.21%		3.05		98%	
30	6	1,854	0.0032	0.25%		4.64		129%	
31	11	2,232	0.0049	0.40%		8.93		123%	
32	17	2,634	0.0065	0.55%		14.49		117%	
33	23	2,971	0.0077	0.70%		20.80		111%	
34	35	3,270	0.0107	0.85%		27.80		126%	
35	41	3,521	0.0116	1.00%		35.21		116%	
36	68	3,821	0.0178	1.20%		45.85		148%	
37	88	4,097	0.0215	1.40%		57.36		153%	
38	88	4,315	0.0204	1.60%		69.04		127%	
39	117	4,392	0.0266	1.80%		79.06		148%	
40	131	4,367	0.0300	2.00%		87.34		150%	
41	145	4,302	0.0337	2.20%		94.64		153%	
42	183	4,293	0.0426	2.40%		103.03		178%	
43	196	4,330	0.0453	2.60%		112.58		174%	
44	216	4,260	0.0507	2.80%		119.28		181%	
45	265	4,160	0.0637	3.00%		124.80		212%	
46	240	3,881	0.0618	3.40%		131.95		182%	
47	234	3,570	0.0655	3.80%		135.66		172%	
48	247	3,184	0.0776	4.20%		133.73		185%	
49	219	2,859	0.0766	4.60%		131.51		167%	
50	215	2,535	0.0848	5.00%		126.75		170%	
51	200	2,152	0.0929	5.60%		120.51		166%	
52	191	1,762	0.1084	6.20%		109.24		175%	
53	129	1,383	0.0933	6.80%		94.04		137%	
54	137	1,130	0.1212	7.40%		83.62		164%	
55	117	902	0.1297	8.00%		72.16		162%	
56	84	662	0.1269	10.00%		66.20		127%	
57	69	471	0.1465	12.00%		56.52		122%	
58	56	357	0.1569	15.00%		53.55		105%	
59	45	266	0.1692	18.00%		47.88		94%	
60	34	197	0.1726	21.00%		41.37		82%	
61	32	150	0.2133	25.00%		37.50		85%	
62	15	102	0.1471	30.00%		30.60		49%	
63	12	0	N/A	30.00%		0		0%	
64	18	0	N/A	30.00%		0		0%	
65	6	0	N/A	30.00%		0		0%	
66	0	0	N/A	30.00%		0		0%	
67	0	0	N/A	30.00%		0		0%	
68	0	0	N/A	30.00%		0		0%	
69	0	0	N/A	30.00%		0		0%	
70	0	0	N/A	30.00%		0		0%	
71	0	0	N/A	30.00%		0		0%	
72	0	0	N/A	30.00%		0		0%	
73	0	0	N/A	30.00%		0		0%	
74	0	0	N/A	30.00%		0		0%	
Total	3,935	89,144				2,484.52		158%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 7A GROUPED

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Disabilities		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)	(7)	(8)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	2,030	0.0000	0.01%		0.20		0%	
25-29	0	13,894	0.0000	0.02%		3.42		0%	
30-34	4	22,128	0.0002	0.07%		15.65		26%	
35-39	5	23,352	0.0002	0.12%		28.04		18%	
40-44	9	21,922	0.0004	0.17%		37.22		24%	
45-49	2	17,844	0.0001	0.24%		42.15		5%	
50-54	5	9,100	0.0005	0.52%		47.75		10%	
55-59	29	2,726	0.0106	2.42%		65.85		44%	
60-64	20	476	0.0420	7.58%		36.06		55%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	74	113,472				276.34		27%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN ELIGIBLE FOR WTC BENEFITS**

TABLE 8A GROUPED

10-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Disabilities</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
20-24	0	441	0.0000	0.05%		0.22		0%	
25-29	5	4,321	0.0012	0.15%		6.66		75%	
30-34	92	12,961	0.0071	0.59%		76.64		120%	
35-39	402	20,146	0.0200	1.42%		286.52		140%	
40-44	871	21,552	0.0404	2.40%		516.88		169%	
45-49	1,205	17,654	0.0683	3.73%		657.66		183%	
50-54	872	8,962	0.0973	5.96%		534.17		163%	
55-59	371	2,658	0.1396	11.15%		296.31		125%	
60-64	111	449	0.2472	24.38%		109.47		101%	
65-69	6	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	3,935	89,144				2,484.52		158%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30,	TABLE 7B Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Disabilities	Expected Disabilities	Actual / Expected	Disability Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2002	11,325	26	34.6	75%	0.23%	0.31%
2003	11,296	29	31.5	92%	0.26%	0.28%
2004	10,899	5	23.6	21%	0.05%	0.22%
2005	11,321	2	23.8	8%	0.02%	0.21%
2006	11,485	3	23.8	13%	0.03%	0.21%
2007	11,589	2	24.5	8%	0.02%	0.21%
2008	11,265	5	25.4	20%	0.04%	0.23%
2009	11,610	2	27.5	7%	0.02%	0.24%
2010	11,510	0	29.6	0%	0.00%	0.26%
2011	11,069	0	31.7	0%	0.00%	0.29%
Total	113,369	74	276.0	27%	0.07%	0.24%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 20 and over 75.

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN NOT ELIGIBLE FOR WTC BENEFITS**

TABLE 8B

2-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.03%		0		0%	
21	0	0	N/A	0.03%		0		0%	
22	0	7	0.0000	0.03%		0.00		0%	
23	0	21	0.0000	0.03%		0.01		0%	
24	0	89	0.0000	0.03%		0.03		0%	
25	0	273	0.0000	0.03%		0.08		0%	
26	0	511	0.0000	0.04%		0.20		0%	
27	2	650	0.0031	0.05%		0.33		615%	
28	0	686	0.0000	0.07%		0.48		0%	
29	0	721	0.0000	0.10%		0.72		0%	
30	2	763	0.0026	0.15%		1.14		175%	
31	1	797	0.0013	0.24%		1.91		52%	
32	0	773	0.0000	0.33%		2.55		0%	
33	3	695	0.0043	0.42%		2.92		103%	
34	2	590	0.0034	0.51%		3.01		66%	
35	2	514	0.0039	0.60%		3.08		65%	
36	1	437	0.0023	0.72%		3.15		32%	
37	2	306	0.0065	0.85%		2.60		77%	
38	1	228	0.0044	0.99%		2.26		44%	
39	1	204	0.0049	1.14%		2.33		43%	
40	0	126	0.0000	1.30%		1.64		0%	
41	0	38	0.0000	1.44%		0.55		0%	
42	0	6	0.0000	1.58%		0.09		0%	
43	0	4	0.0000	1.72%		0.07		0%	
44	0	5	0.0000	1.86%		0.09		0%	
45	0	2	0.0000	2.00%		0.04		0%	
46	0	1	0.0000	2.30%		0.02		0%	
47	0	0	N/A	2.60%		0		0%	
48	0	2	0.0000	2.90%		0.06		0%	
49	0	1	0.0000	3.20%		0.03		0%	
50	0	1	0.0000	3.50%		0.04		0%	
51	0	0	N/A	3.80%		0		0%	
52	0	2	0.0000	4.10%		0.08		0%	
53	0	0	N/A	4.40%		0		0%	
54	0	1	0.0000	4.70%		0.05		0%	
55	0	0	N/A	5.00%		0		0%	
56	0	1	0.0000	7.00%		0.07		0%	
57	0	1	0.0000	9.00%		0.09		0%	
58	0	2	0.0000	11.00%		0.22		0%	
59	0	1	0.0000	13.00%		0.13		0%	
60	0	1	0.0000	15.00%		0.15		0%	
61	0	0	N/A	17.00%		0		0%	
62	0	0	N/A	19.00%		0		0%	
63	0	0	N/A	19.00%		0		0%	
64	0	0	N/A	19.00%		0		0%	
65	0	0	N/A	19.00%		0		0%	
66	0	0	N/A	19.00%		0		0%	
67	0	0	N/A	19.00%		0		0%	
68	0	0	N/A	19.00%		0		0%	
69	0	0	N/A	19.00%		0		0%	
70	0	0	N/A	19.00%		0		0%	
71	0	0	N/A	19.00%		0		0%	
72	0	0	N/A	19.00%		0		0%	
73	0	0	N/A	19.00%		0		0%	
74	0	0	N/A	19.00%		0		0%	
Total	17	8,460				30.22		56%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN NOT ELIGIBLE FOR WTC BENEFITS**

TABLE 8B GROUPED

2-YEAR PERIOD ENDING 6/30/2011

<u>Age</u> (1)	<u>Actual</u> (2)	<u>Total Exposed</u> (3)	<u>Actual Rate</u> (2) / (3) (4)	<u>Assumed Probability</u>		<u>Expected Disabilities</u>		<u>Actual/Expected</u>	
				<u>Current</u> (7) / (3) (5)	<u>Proposed</u> (8) / (3) (6)	<u>Current</u> (7)	<u>Proposed</u> (8)	<u>Current</u> (2) / (7) (9)	<u>Proposed</u> (2) / (8) (10)
20-24	0	117	0.0000	0.03%		0.04		0%	
25-29	2	2,841	0.0007	0.06%		1.81		110%	
30-34	8	3,618	0.0022	0.32%		11.54		69%	
35-39	7	1,689	0.0041	0.79%		13.41		52%	
40-44	0	179	0.0000	1.36%		2.44		0%	
45-49	0	6	0.0000	2.55%		0.15		0%	
50-54	0	4	0.0000	4.10%		0.16		0%	
55-59	0	5	0.0000	10.20%		0.51		0%	
60-64	0	1	0.0000	15.00%		0.15		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	17	8,460				30.22		56%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN NOT ELIGIBLE FOR WTC BENEFITS**

TABLE 8B

10-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	4	0.0000	0.03%		0.00		0%	
21	0	34	0.0000	0.03%		0.01		0%	
22	0	178	0.0000	0.03%		0.05		0%	
23	0	461	0.0000	0.03%		0.14		0%	
24	0	912	0.0000	0.03%		0.27		0%	
25	0	1,375	0.0000	0.03%		0.41		0%	
26	0	1,788	0.0000	0.04%		0.72		0%	
27	4	2,057	0.0019	0.05%		1.03		389%	
28	0	2,170	0.0000	0.07%		1.52		0%	
29	1	2,183	0.0005	0.10%		2.18		46%	
30	4	2,157	0.0019	0.15%		3.24		124%	
31	5	2,074	0.0024	0.24%		4.98		100%	
32	4	1,904	0.0021	0.33%		6.28		64%	
33	7	1,638	0.0043	0.42%		6.88		102%	
34	5	1,394	0.0036	0.51%		7.11		70%	
35	7	1,098	0.0064	0.60%		6.59		106%	
36	3	837	0.0036	0.72%		6.03		50%	
37	6	595	0.0101	0.85%		5.06		119%	
38	6	401	0.0150	0.99%		3.97		151%	
39	2	275	0.0073	1.14%		3.14		64%	
40	2	164	0.0122	1.30%		2.13		94%	
41	3	63	0.0476	1.44%		0.91		331%	
42	6	43	0.1395	1.58%		0.68		883%	
43	7	49	0.1429	1.72%		0.84		831%	
44	9	51	0.1765	1.86%		0.95		949%	
45	9	50	0.1800	2.00%		1.00		900%	
46	8	44	0.1818	2.30%		1.01		791%	
47	6	39	0.1538	2.60%		1.01		592%	
48	10	34	0.2941	2.90%		0.99		1014%	
49	6	23	0.2609	3.20%		0.74		815%	
50	4	26	0.1538	3.50%		0.91		440%	
51	4	31	0.1290	3.80%		1.18		340%	
52	15	35	0.4286	4.10%		1.44		1045%	
53	7	25	0.2800	4.40%		1.10		636%	
54	3	21	0.1429	4.70%		0.99		304%	
55	3	18	0.1667	5.00%		0.90		333%	
56	5	15	0.3333	7.00%		1.05		476%	
57	7	12	0.5833	9.00%		1.08		648%	
58	2	11	0.1818	11.00%		1.21		165%	
59	3	12	0.2500	13.00%		1.56		192%	
60	3	11	0.2727	15.00%		1.65		182%	
61	3	11	0.2727	17.00%		1.87		160%	
62	1	5	0.2000	19.00%		0.95		105%	
63	0	0	N/A	19.00%		0		0%	
64	2	0	N/A	19.00%		0		0%	
65	1	0	N/A	19.00%		0		0%	
66	0	0	N/A	19.00%		0		0%	
67	0	0	N/A	19.00%		0		0%	
68	0	0	N/A	19.00%		0		0%	
69	0	0	N/A	19.00%		0		0%	
70	0	0	N/A	19.00%		0		0%	
71	0	0	N/A	19.00%		0		0%	
72	0	0	N/A	19.00%		0		0%	
73	0	0	N/A	19.00%		0		0%	
74	0	0	N/A	19.00%		0		0%	
Total	183	24,328				85.74		213%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN NOT ELIGIBLE FOR WTC BENEFITS**

TABLE 8B GROUPED

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Disabilities		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)	(7)	(8)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,589	0.0000	0.03%		0.48		0%	
25-29	5	9,573	0.0005	0.06%		5.86		85%	
30-34	25	9,167	0.0027	0.31%		28.49		88%	
35-39	24	3,206	0.0075	0.77%		24.78		97%	
40-44	27	370	0.0730	1.49%		5.51		490%	
45-49	39	190	0.2053	2.50%		4.75		821%	
50-54	33	138	0.2391	4.07%		5.61		588%	
55-59	20	68	0.2941	8.53%		5.80		345%	
60-64	9	27	0.3333	16.56%		4.47		201%	
65-69	1	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Total	183	24,328				85.74		213%	

**NEW YORK FIRE DEPARTMENT PENSION FUND
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30,	TABLE 8C Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Disabilities	Expected Disabilities	Actual / Expected	Disability Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2002	11,325	497	301.1	165%	4.39%	2.66%
2003	11,296	749	285.4	262%	6.63%	2.53%
2004	10,899	366	237.7	154%	3.36%	2.18%
2005	11,321	435	239.5	182%	3.84%	2.12%
2006	11,485	371	240.3	154%	3.23%	2.09%
2007	11,589	394	243.2	162%	3.40%	2.10%
2008	11,265	368	244.8	150%	3.27%	2.17%
2009	11,610	330	252.5	131%	2.84%	2.18%
2010	11,510	321	260.5	123%	2.79%	2.26%
2011	11,069	287	268.1	107%	2.59%	2.42%
Total	113,369	4,118	2573.2	160%	3.63%	2.27%

*The total exposures and actuals shown above include experience at all age ranges. I.e. ages under 20 and over 75.

**NEW YORK FIRE DEPARTMENT PENSION FUND
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 9A

2-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	3	\$ 130,224	\$ 134,278	\$ 140,642	39%	3.11%	8.00%
1	520	23,789,507	26,537,474	26,644,248	96%	11.55%	12.00%
2	911	45,789,020	51,901,847	51,741,593	103%	13.35%	13.00%
3	1,086	62,831,841	71,279,743	70,999,980	103%	13.45%	13.00%
4	1,396	95,760,259	124,462,270	142,682,786	61%	29.97%	49.00%
5	1,139	97,737,180	109,349,713	101,646,667	297%	11.88%	4.00%
6	1,664	156,593,956	163,275,032	163,014,308	104%	4.27%	4.10%
7	1,361	129,289,768	134,938,758	134,719,938	104%	4.37%	4.20%
8	1,240	119,487,769	124,876,650	124,625,743	105%	4.51%	4.30%
9	917	88,949,945	93,611,354	94,020,092	600%	5.24%	5.70%
10	940	91,552,814	96,133,680	95,672,691	111%	5.00%	4.50%
11	1,006	100,231,543	104,704,859	104,842,194	97%	4.46%	4.60%
12	872	87,998,876	92,122,941	92,134,823	100%	4.69%	4.70%
13	637	65,681,384	69,186,293	68,834,090	111%	5.34%	4.80%
14	749	78,640,040	82,841,781	83,437,082	88%	5.34%	6.10%
15	802	84,816,809	89,240,569	89,057,649	104%	5.22%	5.00%
16	617	66,131,491	69,338,698	69,371,934	99%	4.85%	4.90%
17	476	52,452,743	55,220,412	54,970,475	110%	5.28%	4.80%
18	479	53,225,006	56,176,651	55,726,581	118%	5.55%	4.70%
19	740	83,488,641	88,438,153	88,330,982	102%	5.93%	5.80%
20	639	73,535,714	77,689,950	76,844,821	126%	5.65%	4.50%
21	355	40,400,377	42,115,872	42,177,994	97%	4.25%	4.40%
22	369	42,792,994	44,657,171	44,633,093	101%	4.36%	4.30%
23	312	37,214,300	38,635,298	38,777,301	91%	3.82%	4.20%
24	391	47,763,872	49,443,905	49,722,191	86%	3.52%	4.10%
25	371	44,953,912	46,296,060	46,752,068	75%	2.99%	4.00%
26	363	44,158,705	45,113,526	45,880,894	55%	2.16%	3.90%
27	305	37,477,072	38,239,513	38,901,201	54%	2.03%	3.80%
28	320	40,754,080	41,497,193	42,261,981	49%	1.82%	3.70%
29	193	25,860,229	25,650,262	26,791,197	-23%	-0.81%	3.60%
30+	628	89,565,581	90,409,028	92,700,376	27%	0.94%	3.50%
Total	21,801	2,109,055,652	2,243,518,934	2,258,057,617	90%	6.38%	7.06%

**NEW YORK FIRE DEPARTMENT PENSION FUND
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 9B

2-YEAR PERIOD ENDING 6/30/2011

<u>Service</u>	<u>Life Years Exposed</u>	<u>Total Salary BOY</u>	<u>Estimated Actual Merit Salary EOY</u>	<u>Expected Merit Salary EOY</u>	<u>Actual / Expected</u>	<u>Increase %</u>	
						<u>Actual %</u>	<u>Expected %</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	3	\$ 130,224	\$ 133,052	\$ 136,084	48%	2.17%	4.50%
1	520	23,789,507	26,313,446	25,811,615	125%	10.61%	8.50%
2	911	45,789,020	51,470,648	50,138,977	131%	12.41%	9.50%
3	1,086	62,831,841	70,688,050	68,800,866	132%	12.50%	9.50%
4	1,396	95,760,259	123,560,487	139,331,177	64%	29.03%	45.50%
5	1,139	97,737,180	108,429,313	98,225,866	2188%	10.94%	0.50%
6	1,664	156,593,956	161,800,373	157,533,520	554%	3.32%	0.60%
7	1,361	129,289,768	133,721,225	130,194,796	490%	3.43%	0.70%
8	1,240	119,487,769	123,751,423	120,443,671	446%	3.57%	0.80%
9	917	88,949,945	92,773,704	90,906,844	195%	4.30%	2.20%
10	940	91,552,814	95,271,519	92,468,342	406%	4.06%	1.00%
11	1,006	100,231,543	103,760,970	101,334,090	320%	3.52%	1.10%
12	872	87,998,876	91,294,248	89,054,863	312%	3.74%	1.20%
13	637	65,681,384	68,567,766	66,535,242	338%	4.39%	1.30%
14	749	78,640,040	82,101,221	80,684,681	169%	4.40%	2.60%
15	802	84,816,809	88,441,842	86,089,061	285%	4.27%	1.50%
16	617	66,131,491	68,715,932	67,057,332	279%	3.91%	1.40%
17	476	52,452,743	54,726,460	53,134,629	333%	4.33%	1.30%
18	479	53,225,006	55,675,426	53,863,706	384%	4.60%	1.20%
19	740	83,488,641	87,651,933	85,408,880	217%	4.99%	2.30%
20	639	73,535,714	76,997,458	74,271,071	471%	4.71%	1.00%
21	355	40,400,377	41,735,418	40,763,980	367%	3.30%	0.90%
22	369	42,792,994	44,254,186	43,135,338	427%	3.41%	0.80%
23	312	37,214,300	38,284,848	37,474,800	411%	2.88%	0.70%
24	391	47,763,872	48,994,108	48,050,455	429%	2.58%	0.60%
25	371	44,953,912	45,872,725	45,178,682	409%	2.04%	0.50%
26	363	44,158,705	44,697,680	44,335,340	305%	1.22%	0.40%
27	305	37,477,072	37,886,588	37,589,503	364%	1.09%	0.30%
28	320	40,754,080	41,113,408	40,835,588	441%	0.88%	0.20%
29	193	25,860,229	25,406,734	25,886,089	-1754%	-1.75%	0.10%
30+	628	89,565,581	89,565,581	89,565,581		0.00%	0.00%
Total	21,801	2,109,055,652	2,223,657,770	2,184,240,669	152%	5.43%	3.56%

The rates for expected merit salary increases are based on actual rates of increase for total salary, adjusted for inflation of 2.30%. Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

**NEW YORK FIRE DEPARTMENT PENSION FUND
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 9A

10-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	3,428	\$ 149,400,024	\$ 178,303,916	\$ 161,352,026	242%	19.35%	8.00%
1	5,131	246,833,327	273,347,426	276,453,326	90%	10.74%	12.00%
2	6,212	329,050,884	363,553,518	371,827,499	81%	10.49%	13.00%
3	5,469	312,539,539	344,856,257	353,169,679	80%	10.34%	13.00%
4	6,025	378,142,454	468,044,577	563,432,256	49%	23.77%	49.00%
5	5,077	375,078,616	430,871,804	390,081,761	372%	14.88%	4.00%
6	5,511	453,707,284	476,010,935	472,309,283	120%	4.92%	4.10%
7	4,918	402,691,652	421,427,822	419,604,701	111%	4.65%	4.20%
8	4,768	390,411,328	411,572,320	407,199,015	126%	5.42%	4.30%
9	4,110	340,071,869	361,875,647	359,455,966	112%	6.41%	5.70%
10	4,004	336,932,582	357,585,504	352,094,548	136%	6.13%	4.50%
11	4,112	348,860,240	367,054,945	364,907,811	113%	5.22%	4.60%
12	3,933	336,772,943	354,363,533	352,601,271	111%	5.22%	4.70%
13	3,570	307,491,897	325,006,728	322,251,508	119%	5.70%	4.80%
14	3,559	311,649,681	331,429,733	330,660,312	104%	6.35%	6.10%
15	3,404	305,326,743	322,387,361	320,593,080	112%	5.59%	5.00%
16	3,361	298,433,434	313,107,730	313,056,672	100%	4.92%	4.90%
17	3,356	300,996,023	317,591,585	315,443,832	115%	5.51%	4.80%
18	3,722	332,328,160	348,496,546	347,947,584	104%	4.87%	4.70%
19	3,338	304,106,882	320,746,542	321,745,081	94%	5.47%	5.80%
20	3,299	306,014,758	324,222,106	319,785,422	132%	5.95%	4.50%
21	2,347	223,291,056	234,167,595	233,115,862	111%	4.87%	4.40%
22	2,587	250,769,316	264,209,459	261,552,397	125%	5.36%	4.30%
23	2,127	212,710,832	224,176,409	221,644,687	128%	5.39%	4.20%
24	2,211	226,145,817	235,589,911	235,417,795	102%	4.18%	4.10%
25	1,536	165,587,382	174,697,250	172,210,877	138%	5.50%	4.00%
26	1,340	149,654,410	156,696,058	155,490,932	121%	4.71%	3.90%
27	1,025	117,519,261	122,282,286	121,984,993	107%	4.05%	3.80%
28	978	112,343,546	116,939,504	116,500,257	111%	4.09%	3.70%
29	623	76,985,115	79,011,025	79,756,579	73%	2.63%	3.60%
30+	1,989	244,649,986	253,401,482	253,212,736	102%	3.58%	3.50%
Total	107,070	8,646,497,041	9,273,027,514	9,286,859,749	98%	7.25%	7.41%

**NEW YORK FIRE DEPARTMENT PENSION FUND
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 9B

10-YEAR PERIOD ENDING 6/30/2011

<u>Service</u>	<u>Life Years Exposed</u>	<u>Total Salary BOY</u>	<u>Estimated Actual Merit Salary EOY</u>	<u>Expected Merit Salary EOY</u>	<u>Actual / Expected</u>	<u>Increase %</u>	
						<u>Actual %</u>	<u>Expected %</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	3,428	\$ 149,400,024	\$ 172,959,654	\$ 156,123,025	350%	15.77%	4.50%
1	5,131	246,833,327	264,517,829	267,814,160	84%	7.16%	8.50%
2	6,212	329,050,884	351,782,876	360,310,718	73%	6.91%	9.50%
3	5,469	312,539,539	333,676,250	342,230,795	71%	6.76%	9.50%
4	6,025	378,142,454	454,517,856	550,197,271	44%	20.20%	45.50%
5	5,077	375,078,616	417,454,681	376,954,009	2260%	11.30%	0.50%
6	5,511	453,707,284	459,781,147	456,429,528	223%	1.34%	0.60%
7	4,918	402,691,652	407,022,939	405,510,494	154%	1.08%	0.70%
8	4,768	390,411,328	397,606,723	393,534,619	230%	1.84%	0.80%
9	4,110	340,071,869	349,710,767	347,553,450	129%	2.83%	2.20%
10	4,004	336,932,582	345,532,921	340,301,908	255%	2.55%	1.00%
11	4,112	348,860,240	354,575,692	352,697,703	149%	1.64%	1.10%
12	3,933	336,772,943	342,316,661	340,814,218	137%	1.65%	1.20%
13	3,570	307,491,897	314,007,283	311,489,292	163%	2.12%	1.30%
14	3,559	311,649,681	320,281,558	319,752,573	107%	2.77%	2.60%
15	3,404	305,326,743	311,465,367	309,906,644	134%	2.01%	1.50%
16	3,361	298,433,434	302,432,320	302,611,502	96%	1.34%	1.40%
17	3,356	300,996,023	306,824,507	304,908,971	149%	1.94%	1.30%
18	3,722	332,328,160	336,608,671	336,316,098	107%	1.29%	1.20%
19	3,338	304,106,882	309,868,184	311,101,340	82%	1.89%	2.30%
20	3,299	306,014,758	313,275,500	309,074,906	237%	2.37%	1.00%
21	2,347	223,291,056	226,180,140	225,300,676	144%	1.29%	0.90%
22	2,587	250,769,316	255,239,065	252,775,471	223%	1.78%	0.80%
23	2,127	212,710,832	216,567,424	214,199,808	259%	1.81%	0.70%
24	2,211	226,145,817	227,500,337	227,502,692	100%	0.60%	0.60%
25	1,536	165,587,382	168,773,942	166,415,319	385%	1.92%	0.50%
26	1,340	149,654,410	151,342,696	150,253,028	282%	1.13%	0.40%
27	1,025	117,519,261	118,078,446	117,871,819	159%	0.48%	0.30%
28	978	112,343,546	112,920,807	112,568,233	257%	0.51%	0.20%
29	623	76,985,115	76,257,152	77,062,100	-946%	-0.95%	0.10%
30+	1,989	244,649,986	244,649,986	244,649,986		0.00%	0.00%
Total	107,070	8,646,497,041	8,963,729,380	8,984,232,352	94%	3.67%	3.91%

The rates for expected merit salary increases are based on actual rates of increase for total salary, adjusted for inflation of 2.40%. Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

**NEW YORK FIRE DEPARTMENT PENSION FUND
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 9C Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011					
		Total Salary BOY (3)	Actual Salary EOY (4)	Expected Salary EOY (5)	Actual / Expected (5)	Increase %	
						Actual (4) / (3)	Expected (5) / (3)
2002	10,165	\$ 710,468,037	\$ 739,290,332	\$ 754,477,160	65%	4.06%	6.19%
2003	9,935	682,036,372	707,225,659	729,543,603	53%	3.69%	6.97%
2004	10,248	703,043,785	758,136,690	755,510,119	105%	7.84%	7.46%
2005	10,759	766,467,339	874,127,194	821,511,237	196%	14.05%	7.18%
2006	10,985	863,067,969	908,263,397	927,921,236	70%	5.24%	7.51%
2007	11,118	883,915,335	952,744,606	954,260,839	98%	7.79%	7.96%
2008	10,836	916,221,895	1,019,206,026	993,151,733	134%	11.24%	8.40%
2009	11,223	1,012,220,657	1,070,514,676	1,092,426,206	73%	5.76%	7.92%
2010	11,114	1,041,238,391	1,115,225,274	1,119,493,570	95%	7.11%	7.52%
2011	10,687	1,067,817,261	1,128,293,660	1,138,564,047	85%	5.66%	6.63%
Total	107,070	8,646,497,041	9,273,027,514	9,286,859,749	98%	7.25%	7.41%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN**

TABLE 10A

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	1	\$ 44,420	\$ 3,250	\$ 6,663	49%	7.32%	15.00%
1	525	21,558,173	1,953,982	3,233,726	60%	9.06%	15.00%
2	815	38,243,030	4,360,646	5,736,455	76%	11.40%	15.00%
3	1,135	61,709,187	7,644,245	9,256,378	83%	12.39%	15.00%
4	1,312	84,195,285	10,280,554	12,629,293	81%	12.21%	15.00%
5	1,173	95,328,809	10,498,937	14,299,321	73%	11.01%	15.00%
6	1,544	136,270,132	17,203,672	20,440,520	84%	12.62%	15.00%
7	1,420	128,143,654	17,342,978	19,221,548	90%	13.53%	15.00%
8	1,251	115,030,750	15,240,386	17,254,613	88%	13.25%	15.00%
9	927	85,999,158	11,147,667	12,899,874	86%	12.96%	15.00%
10	912	82,967,704	11,181,892	12,445,156	90%	13.48%	15.00%
11	1,026	97,094,725	13,040,436	14,564,209	90%	13.43%	15.00%
12	832	80,272,698	10,521,589	12,040,905	87%	13.11%	15.00%
13	646	62,871,250	8,230,940	9,430,688	87%	13.09%	15.00%
14	767	75,827,455	10,092,607	11,374,118	89%	13.31%	15.00%
15	787	78,757,585	10,489,856	11,813,638	89%	13.32%	15.00%
16	600	61,646,431	8,438,494	9,246,965	91%	13.69%	15.00%
17	527	55,149,253	7,828,755	8,272,388	95%	14.20%	15.00%
18	446	46,006,139	6,497,919	7,360,982	88%	14.12%	16.00%
19	743	76,830,347	11,709,374	13,061,159	90%	15.24%	17.00%
20	547	58,955,596	9,084,072	10,612,007	86%	15.41%	18.00%
21	346	36,904,730	5,738,820	6,273,804	91%	15.55%	17.00%
22	334	35,388,019	5,734,099	5,662,083	101%	16.20%	16.00%
23	261	28,520,449	4,772,114	4,278,067	112%	16.73%	15.00%
24	343	37,304,142	6,202,543	5,222,580	119%	16.63%	14.00%
25	340	37,299,780	6,292,807	4,848,971	130%	16.87%	13.00%
26	285	30,859,942	5,245,635	3,703,193	142%	17.00%	12.00%
27	270	29,600,747	5,031,366	3,256,082	155%	17.00%	11.00%
28	249	27,617,624	4,689,037	2,761,762	170%	16.98%	10.00%
29	134	15,564,554	2,687,626	1,400,810	192%	17.27%	9.00%
30	117	12,829,586	2,234,026	1,026,367	218%	17.41%	8.00%
31	94	11,086,899	1,959,764	776,083	253%	17.68%	7.00%
32	66	7,846,087	1,318,344	470,765	280%	16.80%	6.00%
33	17	2,014,578	340,203	100,729	338%	16.89%	5.00%
34	8	855,068	120,114	42,753	281%	14.05%	5.00%
35	6	713,256	69,498	35,663	195%	9.74%	5.00%
36	17	1,925,468	253,747	96,273	264%	13.18%	5.00%
37	11	1,304,334	221,701	65,217	340%	17.00%	5.00%
38	1	148,348	28,576	7,417	385%	19.26%	5.00%
39	4	415,454	62,898	20,773	303%	15.14%	5.00%
40	5	529,364	53,572	26,468	202%	10.12%	5.00%
41	1	129,229	10,777	6,461	167%	8.34%	5.00%
42	1	110,246	13,386	5,512	243%	12.14%	5.00%
43	1	129,229	9,306	6,461	144%	7.20%	5.00%
44	0	-	-	-	-	-	5.00%
45	0	-	-	-	-	-	5.00%
Total	20,847	1,861,998,914	255,882,210	275,294,900	93%	13.74%	14.78%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 10B

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	0	-	-	-		0.00%	16.00%
1	0	-	-	-		0.00%	16.00%
2	0	-	-	-		0.00%	16.00%
3	0	-	-	-		0.00%	16.00%
4	0	-	-	-		0.00%	16.00%
5	0	-	-	-		0.00%	16.00%
6	0	-	-	-		0.00%	16.00%
7	0	-	-	-		0.00%	16.00%
8	0	-	-	-		0.00%	16.00%
9	0	-	-	-		0.00%	16.00%
10	0	-	-	-		0.00%	16.00%
11	0	-	-	-		0.00%	16.00%
12	0	-	-	-		0.00%	16.00%
13	0	-	-	-		0.00%	16.00%
14	0	-	-	-		0.00%	17.00%
15	0	-	-	-		0.00%	18.00%
16	0	-	-	-		0.00%	19.00%
17	0	-	-	-		0.00%	20.00%
18	0	-	-	-		0.00%	21.00%
19	20	\$ 2,022,613	\$ 322,579	\$ 444,975	72%	15.95%	22.00%
20	29	3,079,299	713,379	708,239	101%	23.17%	23.00%
21	8	828,649	174,919	182,303	96%	21.11%	22.00%
22	10	1,049,075	228,365	220,306	104%	21.77%	21.00%
23	6	666,911	75,794	133,382	57%	11.36%	20.00%
24	7	682,957	79,511	129,762	61%	11.64%	19.00%
25	12	1,238,997	222,657	223,019	100%	17.97%	18.00%
26	16	1,726,478	278,591	276,236	101%	16.14%	16.00%
27	8	910,447	151,789	127,463	119%	16.67%	14.00%
28	11	1,290,588	236,591	154,871	153%	18.33%	12.00%
29	9	1,001,848	174,983	110,203	159%	17.47%	11.00%
30	3	318,773	41,038	31,877	129%	12.87%	10.00%
31	14	1,625,571	303,991	146,301	208%	18.70%	9.00%
32	1	103,546	24,675	8,284	298%	23.83%	8.00%
33	3	305,676	28,741	21,397	134%	9.40%	7.00%
34	1	125,663	17,274	7,540	229%	13.75%	6.00%
35	1	102,980	14,295	6,179	231%	13.88%	6.00%
36	2	236,172	27,250	14,170	192%	11.54%	6.00%
37	2	239,475	30,870	14,369	215%	12.89%	6.00%
38	0	-	-	-		0.00%	6.00%
39	1	125,654	21,060	7,539	279%	16.76%	6.00%
40	0	-	-	-		0.00%	6.00%
41	2	294,107	57,124	17,646	324%	19.42%	6.00%
42	0	-	-	-		0.00%	6.00%
43	0	-	-	-		0.00%	6.00%
44	0	-	-	-		0.00%	6.00%
45	0	-	-	-		0.00%	6.00%
Total	166	17,975,479	3,225,476	2,986,061	108%	17.94%	16.61%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 10C

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	0	-	-	-			15.00%
1	0	-	-	-			15.00%
2	0	-	-	-			15.00%
3	0	-	-	-			15.00%
4	1	\$ 64,607	\$ 11,008	\$ 9,691	114%	17.04%	15.00%
5	2	180,926	14,076	27,139	52%	7.78%	15.00%
6	8	697,589	123,214	104,638	118%	17.66%	15.00%
7	10	882,111	119,808	132,317	91%	13.58%	15.00%
8	9	845,051	139,793	126,758	110%	16.54%	15.00%
9	12	1,064,476	163,147	159,671	102%	15.33%	15.00%
10	18	1,594,871	245,827	239,231	103%	15.41%	15.00%
11	21	1,959,064	312,853	293,860	106%	15.97%	15.00%
12	20	1,891,159	281,703	283,674	99%	14.90%	15.00%
13	23	2,201,309	308,751	330,196	94%	14.03%	15.00%
14	15	1,452,851	204,980	217,928	94%	14.11%	15.00%
15	33	3,132,095	457,120	469,814	97%	14.59%	15.00%
16	29	2,878,148	422,136	460,504	92%	14.67%	16.00%
17	24	2,352,147	353,468	399,865	88%	15.03%	17.00%
18	13	1,198,935	180,488	215,808	84%	15.05%	18.00%
19	37	3,502,258	573,521	665,429	86%	16.38%	19.00%
20	35	3,479,741	671,439	695,948	96%	19.30%	20.00%
21	25	2,594,767	369,967	493,006	75%	14.26%	19.00%
22	22	2,299,791	456,261	413,962	110%	19.84%	18.00%
23	29	3,134,746	594,676	532,907	112%	18.97%	17.00%
24	17	1,807,483	287,985	289,197	100%	15.93%	16.00%
25	24	2,464,769	483,172	369,715	131%	19.60%	15.00%
26	24	2,522,733	494,926	327,955	151%	19.62%	13.00%
27	20	2,168,568	341,753	238,542	143%	15.76%	11.00%
28	37	3,848,626	651,561	384,863	169%	16.93%	10.00%
29	13	1,565,139	242,744	140,863	172%	15.51%	9.00%
30	10	1,045,781	185,442	83,662	222%	17.73%	8.00%
31	8	976,529	104,229	68,357	152%	10.67%	7.00%
32	4	474,961	85,539	28,498	300%	18.01%	6.00%
33	4	434,037	91,544	21,702	422%	21.09%	5.00%
34	2	270,006	66,559	13,500	493%	24.65%	5.00%
35	1	87,188	30,672	4,359	704%	35.18%	5.00%
36	2	273,818	63,087	13,691	461%	23.04%	5.00%
37	0	-	-	-			5.00%
38	0	-	-	-			5.00%
39	0	-	-	-			5.00%
40	0	-	-	-			5.00%
41	0	-	-	-			5.00%
42	0	-	-	-			5.00%
43	1	110,667	21,207	5,533	383%	19.16%	5.00%
44	0	-	-	-			5.00%
45	0	-	-	-			5.00%
Total	553	55,456,947	9,154,656	8,262,784	111%	16.51%	14.90%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN**

TABLE 10A

10-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Expected Overtime	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	2,431	\$ 98,168,757	\$ 3,662,636	\$ 14,725,314	25%	3.73%	15.00%
1	5,123	223,329,573	27,045,841	33,499,436	81%	12.11%	15.00%
2	6,102	293,458,341	42,501,509	44,018,751	97%	14.48%	15.00%
3	5,508	286,660,729	44,638,172	42,999,109	104%	15.57%	15.00%
4	5,922	337,511,682	51,817,005	50,626,752	102%	15.35%	15.00%
5	5,104	345,389,784	47,832,461	51,808,468	92%	13.85%	15.00%
6	5,380	403,775,899	61,220,120	60,566,385	101%	15.16%	15.00%
7	4,974	374,424,280	59,876,510	56,163,642	107%	15.99%	15.00%
8	4,763	358,418,196	58,356,532	53,762,729	109%	16.28%	15.00%
9	4,107	312,331,270	50,738,403	46,849,691	108%	16.25%	15.00%
10	3,960	303,821,410	48,543,262	45,573,212	107%	15.98%	15.00%
11	4,110	320,107,653	50,871,820	48,016,148	106%	15.89%	15.00%
12	3,886	303,820,460	52,016,497	45,573,069	114%	17.12%	15.00%
13	3,574	280,844,166	47,910,863	42,126,625	114%	17.06%	15.00%
14	3,569	286,936,906	46,935,801	43,040,536	109%	16.36%	15.00%
15	3,366	275,898,590	46,384,885	41,384,789	112%	16.81%	15.00%
16	3,307	267,759,517	47,810,161	40,163,928	119%	17.86%	15.00%
17	3,353	274,125,866	47,947,624	41,118,880	117%	17.49%	15.00%
18	3,626	291,983,220	53,095,989	46,717,315	114%	18.18%	16.00%
19	3,292	271,808,620	50,116,786	46,207,465	108%	18.44%	17.00%
20	3,118	260,631,200	48,222,563	46,913,616	103%	18.50%	18.00%
21	2,229	190,410,774	38,672,307	32,369,832	119%	20.31%	17.00%
22	2,367	203,480,003	36,960,553	32,556,800	114%	18.16%	16.00%
23	1,853	162,904,208	32,061,207	24,435,631	131%	19.68%	15.00%
24	1,897	167,898,702	31,927,609	23,505,818	136%	19.02%	14.00%
25	1,267	118,335,437	23,304,813	15,383,607	151%	19.69%	13.00%
26	1,016	95,652,662	18,121,561	11,478,319	158%	18.95%	12.00%
27	785	75,984,465	14,180,457	8,358,291	170%	18.66%	11.00%
28	704	66,444,208	11,691,779	6,644,421	176%	17.60%	10.00%
29	393	39,374,232	7,490,080	3,543,681	211%	19.02%	9.00%
30	290	28,420,152	5,542,572	2,273,612	244%	19.50%	8.00%
31	213	21,106,321	3,629,531	1,477,442	246%	17.20%	7.00%
32	176	17,057,696	3,057,267	1,023,462	299%	17.92%	6.00%
33	110	9,702,448	1,714,447	485,122	353%	17.67%	5.00%
34	75	6,631,286	1,367,041	331,564	412%	20.62%	5.00%
35	54	4,912,378	823,764	245,619	335%	16.77%	5.00%
36	54	5,010,254	825,650	250,513	330%	16.48%	5.00%
37	35	3,397,031	594,169	169,852	350%	17.49%	5.00%
38	26	2,282,339	423,365	114,117	371%	18.55%	5.00%
39	16	1,486,717	271,762	74,336	366%	18.28%	5.00%
40	16	1,448,823	241,801	72,441	334%	16.69%	5.00%
41	3	333,570	74,330	16,679	446%	22.28%	5.00%
42	3	326,963	73,337	16,348	449%	22.43%	5.00%
43	1	129,229	9,306	6,461	144%	7.20%	5.00%
44	0	-	-	-	-	-	5.00%
45	0	-	-	-	-	-	5.00%
Total	102,158	7,393,936,017	1,220,604,148	1,106,689,827	110%	16.51%	14.97%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 10B

10-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Expected Overtime	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-	-	-	16.00%
1	0	-	-	-	-	-	16.00%
2	0	-	-	-	-	-	16.00%
3	0	-	-	-	-	-	16.00%
4	0	-	-	-	-	-	16.00%
5	0	-	-	-	-	-	16.00%
6	0	-	-	-	-	-	16.00%
7	0	-	-	-	-	-	16.00%
8	0	-	-	-	-	-	16.00%
9	0	-	-	-	-	-	16.00%
10	0	-	-	-	-	-	16.00%
11	0	-	-	-	-	-	16.00%
12	0	-	-	-	-	-	16.00%
13	0	-	-	-	-	-	16.00%
14	0	-	-	-	-	-	17.00%
15	0	-	-	-	-	-	18.00%
16	3	\$ 192,454	\$ 19,812	\$ 36,566	54%	10.29%	19.00%
17	2	151,409	22,799	30,282	75%	15.06%	20.00%
18	8	604,312	209,114	126,906	165%	34.60%	21.00%
19	143	10,617,990	2,362,568	2,335,958	101%	22.25%	22.00%
20	361	26,722,925	7,391,990	6,146,273	120%	27.66%	23.00%
21	141	10,605,578	3,551,316	2,333,227	152%	33.49%	22.00%
22	105	8,030,461	2,040,264	1,686,397	121%	25.41%	21.00%
23	116	8,885,297	2,555,703	1,777,059	144%	28.76%	20.00%
24	116	8,927,450	2,623,178	1,696,216	155%	29.38%	19.00%
25	109	8,907,573	2,638,272	1,603,363	165%	29.62%	18.00%
26	54	4,730,687	1,212,477	756,910	160%	25.63%	16.00%
27	33	2,927,294	669,354	409,821	163%	22.87%	14.00%
28	64	5,460,619	1,122,298	655,274	171%	20.55%	12.00%
29	40	3,430,877	848,825	377,396	225%	24.74%	11.00%
30	27	2,262,974	560,748	226,297	248%	24.78%	10.00%
31	35	3,326,564	680,689	299,391	227%	20.46%	9.00%
32	34	2,584,239	621,621	206,739	301%	24.05%	8.00%
33	15	1,210,182	217,097	84,713	256%	17.94%	7.00%
34	15	1,179,427	367,687	70,766	520%	31.18%	6.00%
35	9	818,264	260,773	49,096	531%	31.87%	6.00%
36	11	893,169	188,601	53,590	352%	21.12%	6.00%
37	8	701,857	178,789	42,111	425%	25.47%	6.00%
38	7	587,091	151,790	35,225	431%	25.85%	6.00%
39	3	273,986	59,414	16,439	361%	21.69%	6.00%
40	2	165,542	61,613	9,933	620%	37.22%	6.00%
41	2	294,107	57,124	17,646	324%	19.42%	6.00%
42	1	85,101	18,924	5,106	371%	22.24%	6.00%
43	1	96,042	49,314	5,763	856%	51.35%	6.00%
44	0	-	-	-	-	-	6.00%
45	0	-	-	-	-	-	6.00%
Total	1,465	114,673,471	30,742,154	21,094,463	146%	26.81%	18.40%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 10C

10-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Expected Overtime	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	1	\$ 36,657	\$ 313	\$ 5,499	6%	0.85%	15.00%
1	1	41,621	3,810	6,243	61%	9.15%	15.00%
2	5	225,430	32,486	33,815	96%	14.41%	15.00%
3	12	586,924	81,074	88,039	92%	13.81%	15.00%
4	8	444,388	79,385	66,658	119%	17.86%	15.00%
5	18	1,205,655	172,253	180,848	95%	14.29%	15.00%
6	44	3,191,424	546,956	478,714	114%	17.14%	15.00%
7	70	4,876,930	798,343	731,540	109%	16.37%	15.00%
8	75	5,354,670	888,223	803,201	111%	16.59%	15.00%
9	68	4,981,198	924,378	747,180	124%	18.56%	15.00%
10	108	8,062,053	1,403,184	1,209,308	116%	17.40%	15.00%
11	89	6,830,641	1,165,109	1,024,596	114%	17.06%	15.00%
12	91	7,033,795	1,250,653	1,055,069	119%	17.78%	15.00%
13	105	8,287,018	1,348,577	1,243,053	108%	16.27%	15.00%
14	125	9,424,726	1,671,229	1,413,709	118%	17.73%	15.00%
15	120	9,633,205	1,575,310	1,444,981	109%	16.35%	15.00%
16	126	10,068,204	1,608,017	1,610,913	100%	15.97%	16.00%
17	133	10,456,088	2,031,319	1,777,535	114%	19.43%	17.00%
18	145	11,390,477	2,402,861	2,050,286	117%	21.10%	18.00%
19	241	18,351,177	4,246,159	3,486,724	122%	23.14%	19.00%
20	487	36,848,753	8,796,265	7,369,751	119%	23.87%	20.00%
21	247	19,547,010	4,975,244	3,713,932	134%	25.45%	19.00%
22	227	18,430,872	4,190,977	3,317,557	126%	22.74%	18.00%
23	210	17,646,058	4,439,991	2,999,830	148%	25.16%	17.00%
24	219	18,081,505	4,064,434	2,893,041	140%	22.48%	16.00%
25	158	13,897,380	3,460,498	2,084,607	166%	24.90%	15.00%
26	115	10,091,859	2,550,978	1,311,942	194%	25.28%	13.00%
27	78	7,126,528	1,736,674	783,918	222%	24.37%	11.00%
28	131	11,478,309	2,343,896	1,147,831	204%	20.42%	10.00%
29	72	6,549,556	1,815,837	589,460	308%	27.72%	9.00%
30	46	4,082,817	821,316	326,625	251%	20.12%	8.00%
31	40	3,540,690	709,274	247,848	286%	20.03%	7.00%
32	35	2,995,151	767,603	179,709	427%	25.63%	6.00%
33	42	3,569,144	822,784	178,457	461%	23.05%	5.00%
34	30	2,531,099	921,693	126,555	728%	36.41%	5.00%
35	15	1,236,344	334,222	61,817	541%	27.03%	5.00%
36	19	1,596,289	394,976	79,814	495%	24.74%	5.00%
37	9	671,501	207,414	33,575	618%	30.89%	5.00%
38	13	1,085,904	276,530	54,295	509%	25.47%	5.00%
39	9	752,774	186,142	37,639	495%	24.73%	5.00%
40	6	504,323	133,567	25,216	530%	26.48%	5.00%
41	5	403,700	89,770	20,185	445%	22.24%	5.00%
42	1	65,221	13,960	3,261	428%	21.40%	5.00%
43	2	220,142	68,407	11,007	621%	31.07%	5.00%
44	0	-	-	-	-	-	5.00%
45	0	-	-	-	-	-	5.00%
Total	3,801	303,435,210	66,352,091	47,055,780	141%	21.87%	15.51%

**NEW YORK FIRE DEPARTMENT PENSION FUND
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	Life Years Exposed (2)	TABLE 10D			10-YEAR PERIOD ENDING 6/30/2011		
		Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual (4) / (3) (7)	Expected (5) / (3) (8)
2002	9,783	\$ 611,994,855	\$ 67,862,407	\$ 92,500,893	73%	11.09%	15.11%
2003	9,430	581,795,187	150,953,174	88,558,964	170%	25.95%	15.22%
2004	9,970	607,316,145	133,971,937	92,157,262	145%	22.06%	15.17%
2005	10,174	681,991,988	114,536,372	103,114,821	111%	16.79%	15.12%
2006	10,243	710,206,380	115,901,897	106,851,512	108%	16.32%	15.05%
2007	10,522	735,158,376	137,461,419	110,000,243	125%	18.70%	14.96%
2008	10,433	759,772,220	123,136,946	113,019,514	109%	16.21%	14.88%
2009	10,756	843,701,952	120,897,786	125,191,718	97%	14.33%	14.84%
2010	10,633	867,362,208	113,110,534	128,383,259	88%	13.04%	14.80%
2011	10,214	994,636,706	142,771,676	146,911,642	97%	14.35%	14.77%
Total	102,158	7,393,936,017	1,220,604,148	1,106,689,827	110%	16.51%	14.97%