

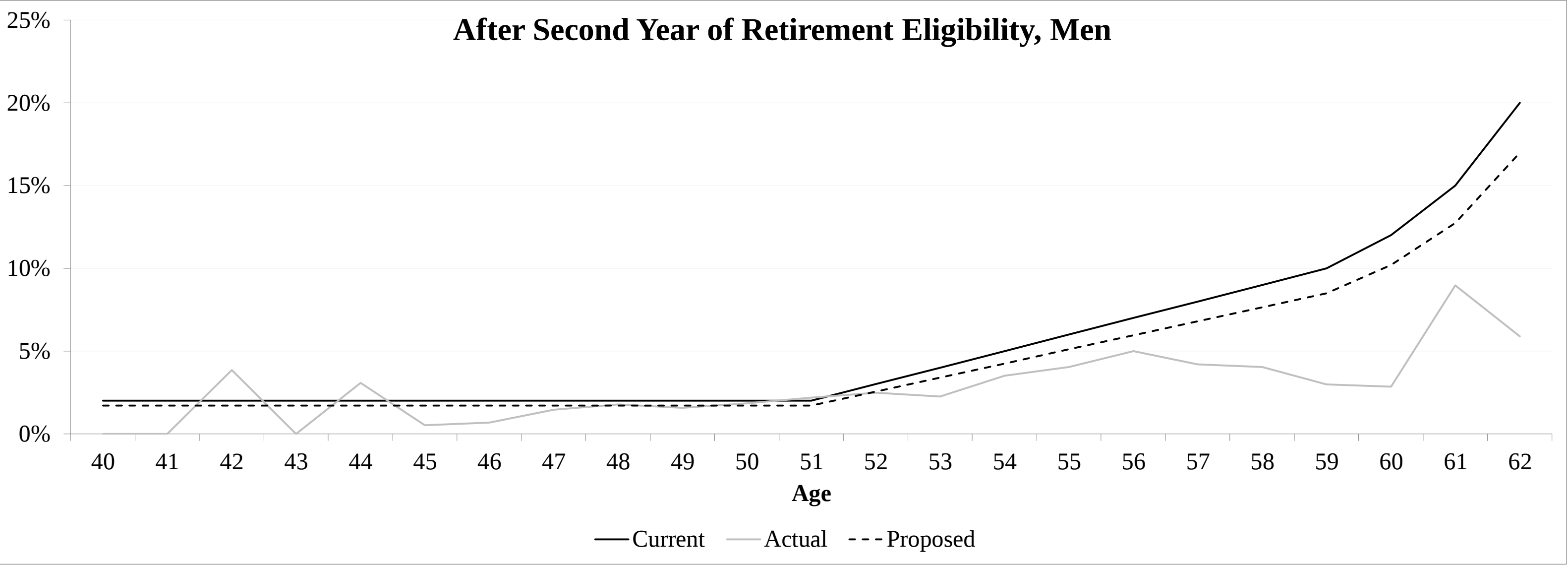
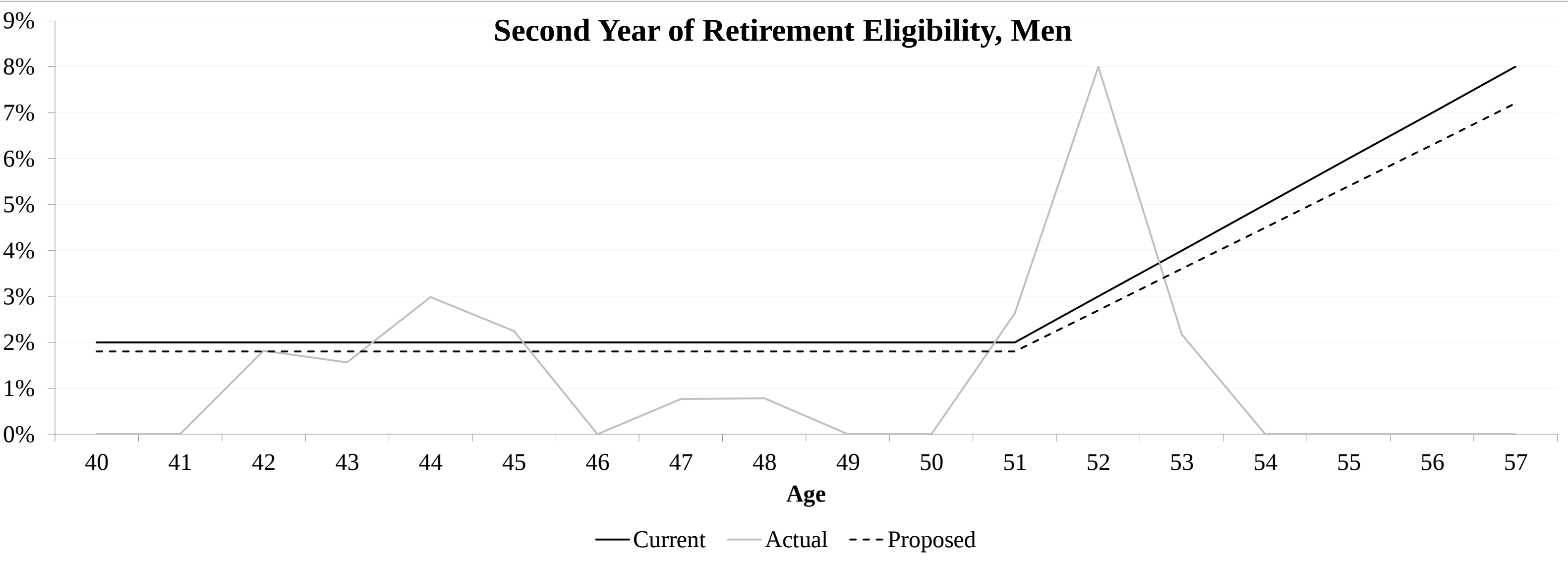
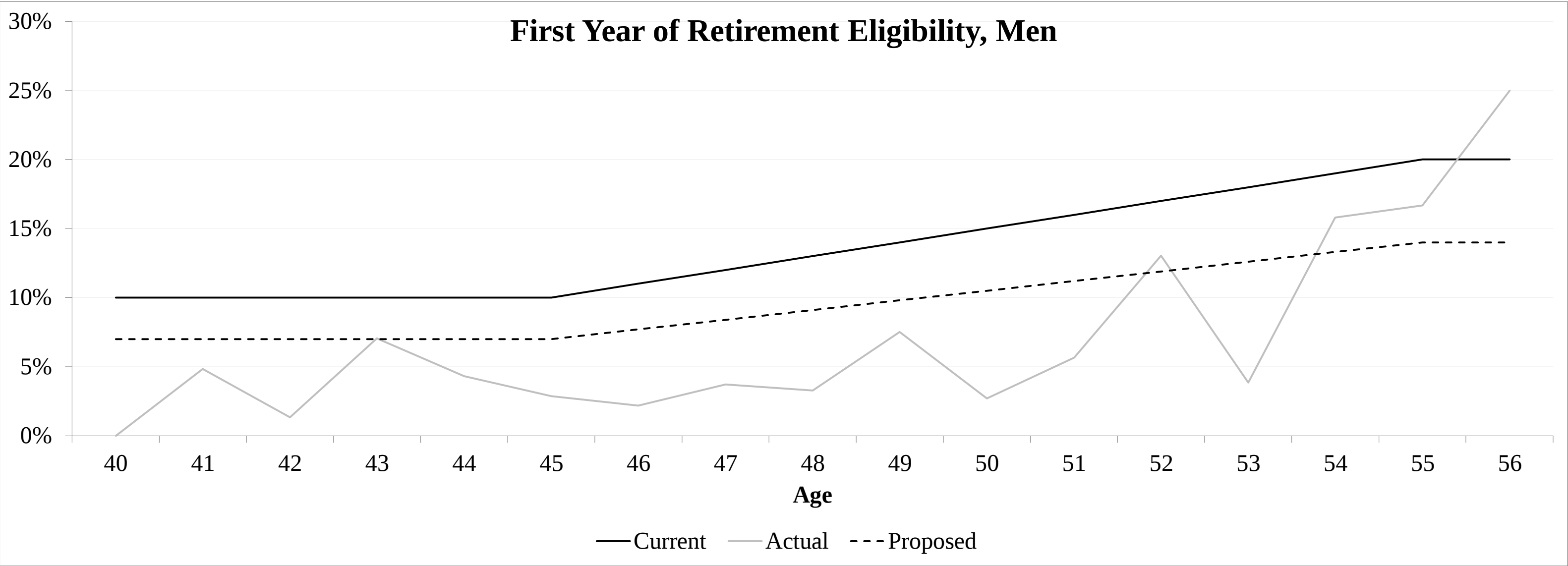
NEW YORK CITY FIRE DEPARTMENT PENSION FUND
EXPERIENCE STUDY RESULTS
OVERVIEW

		4-YEAR PERIOD ENDING 6/30/2013*		10-YEAR PERIOD ENDING 6/30/2013*			
Table Number	Table Type	Expected	Average Number of Decrements per Year	Ratio of Actual to		Average Number of Decrements per Year	Comments
				Expected	Proposed		
1A 1B	Service Retiree Mortality Men By Year	102%	194	102%	93%	192	The proposed assumption is a based on actual plan experience. Future mortality improvements will be projected using scale MP-2014.
2A 2B	Disabled Retiree Mortality Men By Year	95%	220	94%	93%	204	The proposed assumption is a based on actual plan experience. Future mortality improvements will be projected using scale MP-2014.
3A 3B	Active Member Withdrawals By Year	91%	25	106%	106%	34	Recommend no change.
4A 4B 4C 4D	Active Member Service Retirements In 1st Year of Eligibility In 2nd Year of Eligibility After 2nd Year of Eligibility By Year	38% 62% 53%	14 4 52	71% 96% 62%	101% 107% 73%	28 6 48	Actual experience has been trending downward. We recommend a lower assumption. The proposed assumptions are 70%, 90%, and 85% of the current assumption for members retiring in the first, second, and after second year of eligibility, respectively, with other small adjustments at specific ages as warranted. We anticipate the use of the MSTATC field will lead to more accurate data in future experience studies.
5A 5B	Active Member Ordinary Mortality Men By Year	46%	4	61%	101%	5	Actual experience has been trending downward. The proposed assumption is 60% of the current assumption.
6A 6B	Active Member Accidental Mortality By Year	58%	3	73%	98%	4	Actual experience has been trending downward. The proposed assumption is 75% of the current assumption.
7A 7B	Active Member Ordinary Disability By Year	6%	2	11%	13%	3	Materially different results emerged than were expected. Expectations should be lowered. The proposed assumption is 80% of the current assumption.
8A 8B 8C	Active Member Accidental Disability WTC Eligible WTC Ineligible By Year	134% 52%	328 6	152% 45%	124% 79%	365 4	Expectations should be moved towards experience in both cases. New rates, exponentially-fitted to actual data, are proposed for both those eligible and not eligible for WTC Disability.
9A 9B 9C	Salary Increases** Total Merit Only General Increase over Inflation By Year	Expected 6.26% 3.26% 0.50%	Actual 7.08% 4.55% 0.52%	Expected 6.98% 3.98% 0.50%	Proposed 6.68% 3.68% 0.50%	Actual 7.62% 4.52% 0.68%	Overall, salary experience has been higher than the current assumption.
10A 10B 10C 10D	Overtime Pay** For All Years In Year Before Service Retirement In Year Before Disability Retirement By Year	Expected 14.71% 15.46% 14.74%	Actual 19.29% 25.12% 20.56%	Expected 14.85% 17.67% 15.36%	Proposed 17.00% 24.00% 20.00%	Actual 19.54% 30.41% 23.98%	Actual OT rates appear to increase over member's working career. The current assumption assumes overtime rates will decline over time. We recommend a materially higher, flat dual-service OT assumption.

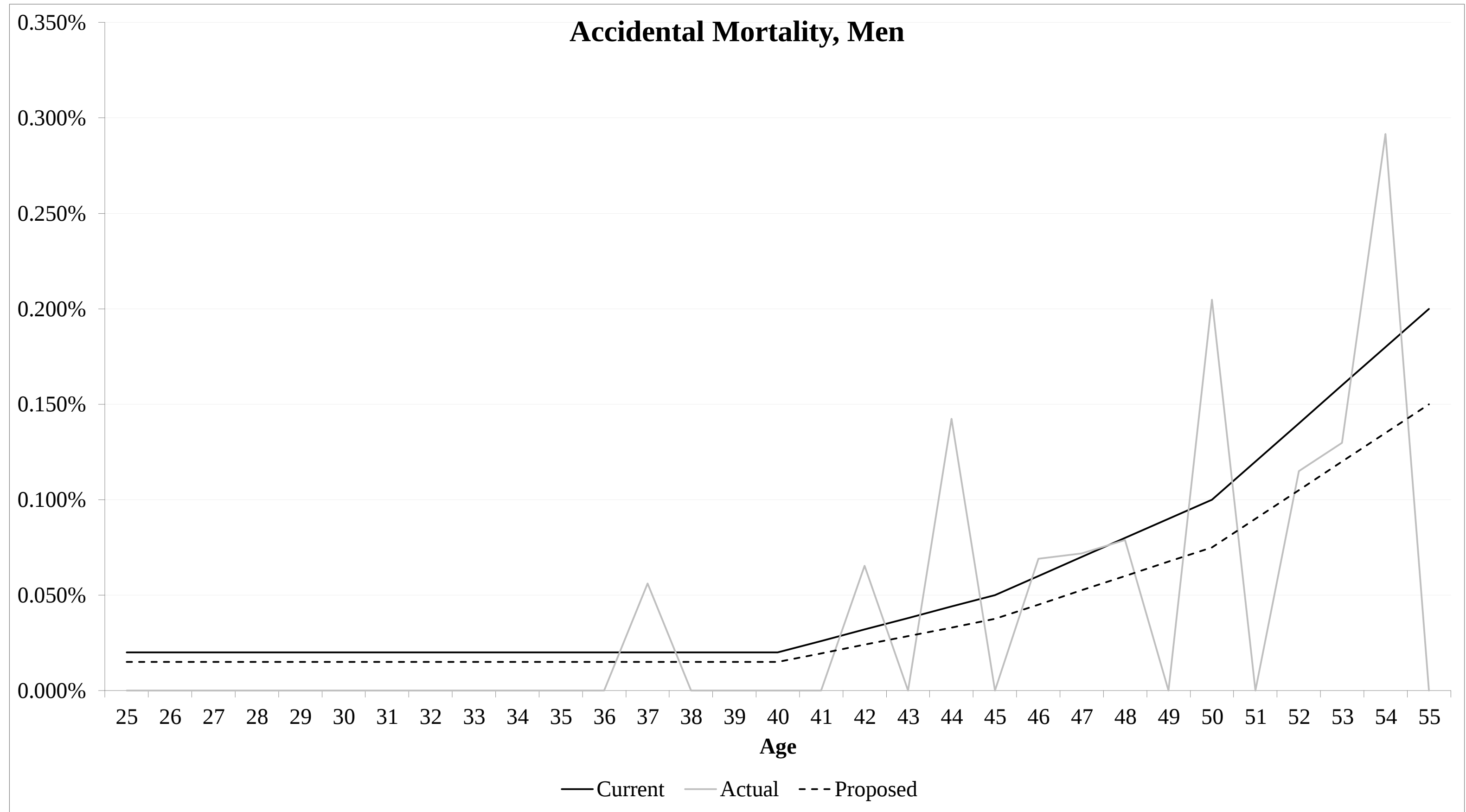
* Four-year and eight-year periods ending 6/30/2011 were studied for the Withdrawal and Disability Decrements.

** 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.

NEW YORK CITY FIRE DEPARTMENT PENSION FUND
RETIREMENT ASSUMPTIONS AND EXPERIENCE
FOR THE FOUR-YEAR PERIOD ENDING 6/30/2013



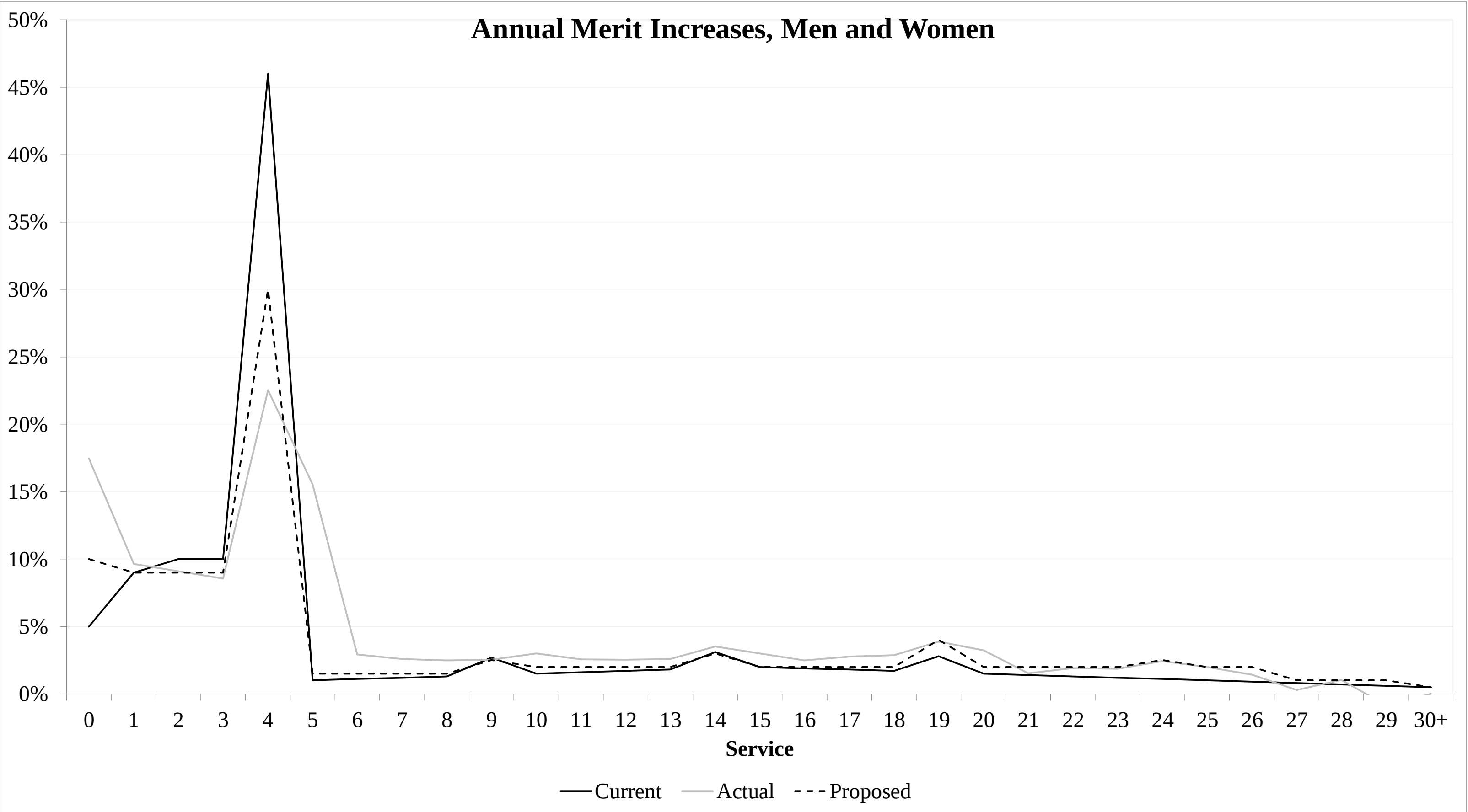
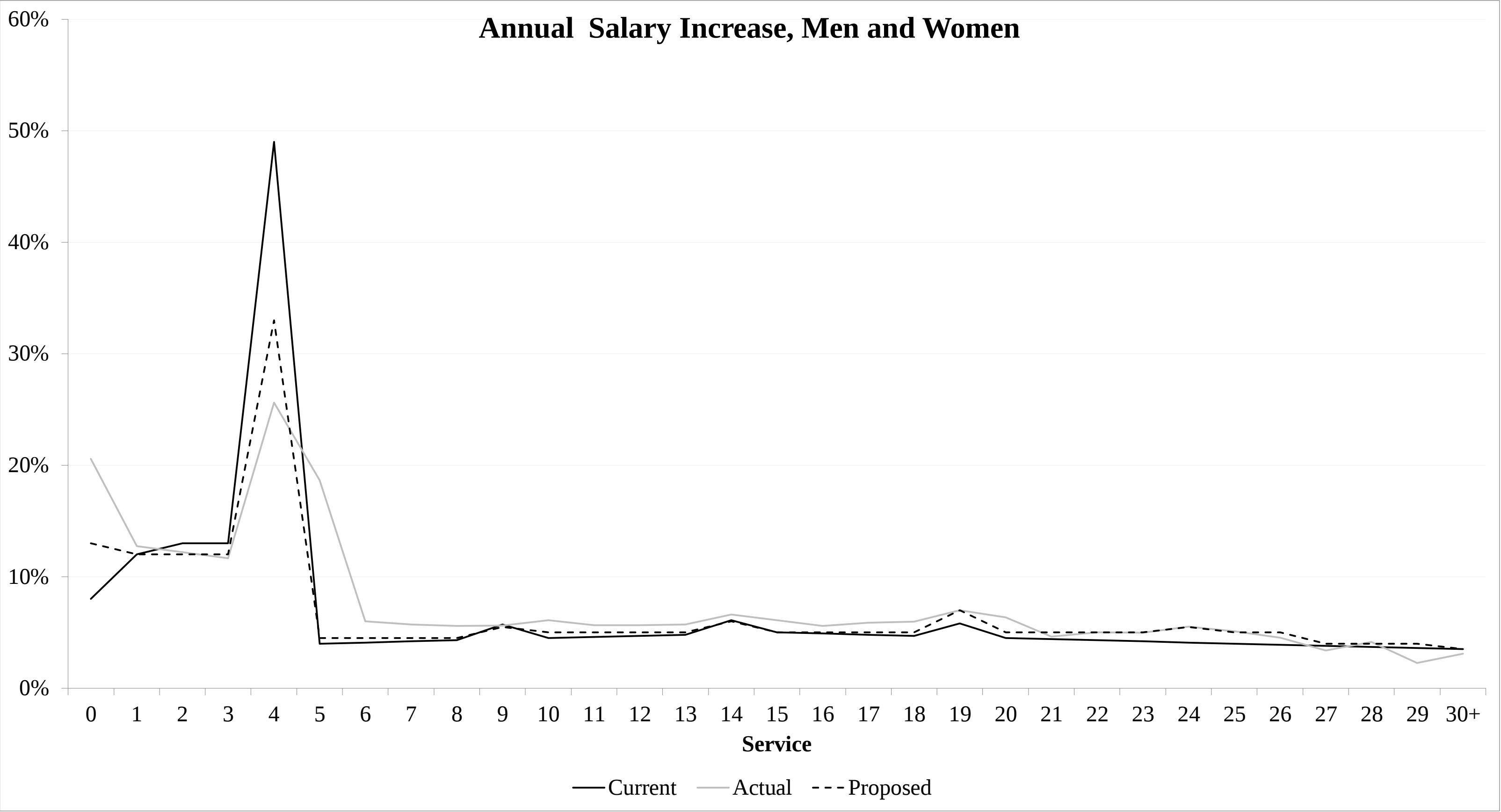
NEW YORK CITY FIRE DEPARTMENT PENSION FUND
ACTIVE MORTALITY ASSUMPTIONS AND EXPERIENCE
FOR THE TEN-YEAR PERIOD ENDING 6/30/2013



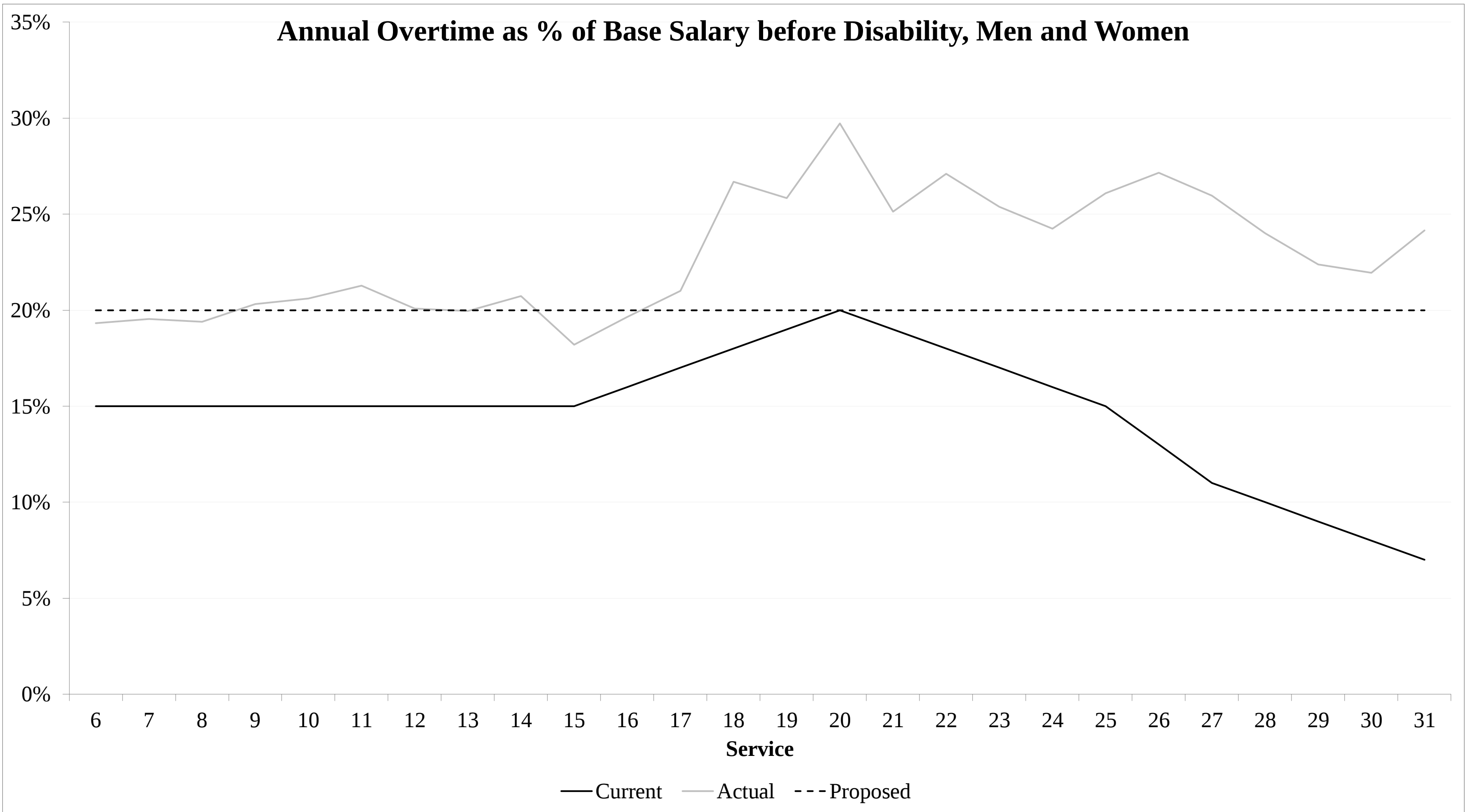
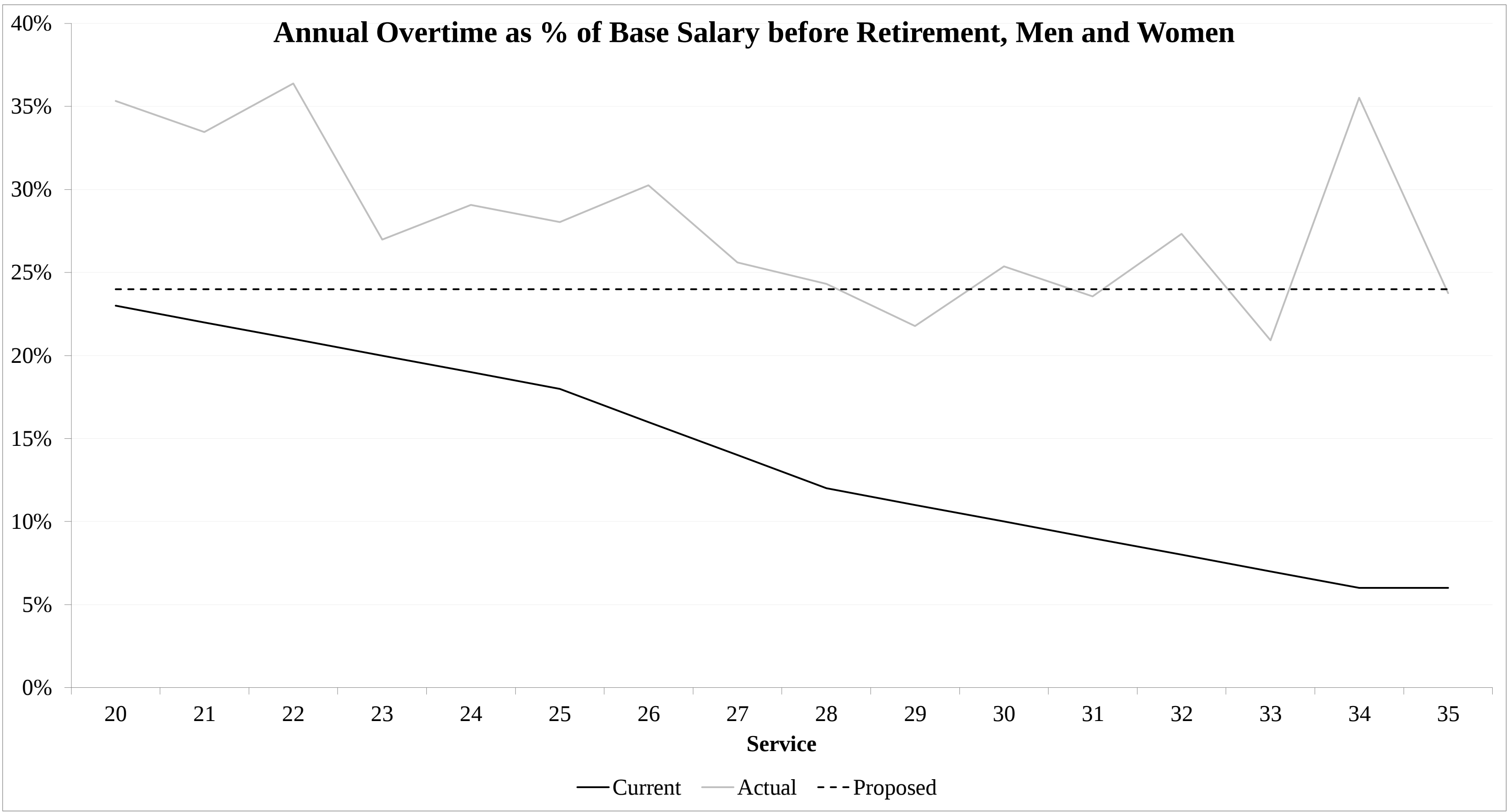
NEW YORK CITY FIRE DEPARTMENT PENSION FUND
DISABILITY ASSUMPTIONS AND EXPERIENCE
FOR THE EIGHT-YEAR PERIOD ENDING 6/30/2011



NEW YORK CITY FIRE DEPARTMENT PENSION FUND
SALARY ASSUMPTIONS AND EXPERIENCE
FOR THE TEN-YEAR PERIOD ENDING 6/30/2013



NEW YORK CITY FIRE DEPARTMENT PENSION FUND
OVERTIME ASSUMPTIONS AND EXPERIENCE
FOR THE TEN-YEAR PERIOD ENDING 6/30/2013



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

TABLE 1A				4-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	4	0.000000	0.1408%	0.1059%	0.0	0.0	0%	0%
42	0	6	0.000000	0.1521%	0.1155%	0.0	0.0	0%	0%
43	0	10	0.000000	0.1629%	0.1259%	0.0	0.0	0%	0%
44	0	18	0.000000	0.1736%	0.1370%	0.0	0.0	0%	0%
45	0	39	0.000000	0.1843%	0.1489%	0.1	0.1	0%	0%
46	0	55	0.000000	0.1946%	0.1614%	0.1	0.1	0%	0%
47	0	71	0.000000	0.2050%	0.1746%	0.1	0.1	0%	0%
48	0	98	0.000000	0.2150%	0.1886%	0.2	0.2	0%	0%
49	0	115	0.000000	0.2248%	0.2033%	0.3	0.2	0%	0%
50	1	182	0.005495	0.2344%	0.2191%	0.4	0.4	234%	251%
51	1	260	0.003846	0.2813%	0.2368%	0.7	0.6	137%	162%
52	0	354	0.000000	0.3237%	0.2572%	1.1	0.9	0%	0%
53	0	468	0.000000	0.3642%	0.2811%	1.7	1.3	0%	0%
54	1	509	0.001965	0.4012%	0.3093%	2.0	1.6	49%	64%
55	0	492	0.000000	0.4376%	0.3426%	2.2	1.7	0%	0%
56	3	484	0.006198	0.4806%	0.3817%	2.3	1.8	129%	162%
57	0	495	0.000000	0.5221%	0.4253%	2.6	2.1	0%	0%
58	3	469	0.006397	0.5625%	0.4739%	2.6	2.2	114%	135%
59	3	465	0.006452	0.5965%	0.5281%	2.8	2.5	108%	122%
60	1	464	0.002155	0.6285%	0.5884%	2.9	2.7	34%	37%
61	3	432	0.006944	0.6941%	0.6556%	3.0	2.8	100%	106%
62	4	463	0.008639	0.7564%	0.7305%	3.5	3.4	114%	118%
63	4	554	0.007220	0.8407%	0.8140%	4.7	4.5	86%	89%
64	6	576	0.010417	0.9389%	0.9070%	5.4	5.2	111%	115%
65	7	609	0.011494	1.0475%	1.0106%	6.4	6.2	110%	114%
66	7	623	0.011236	1.1320%	1.1261%	7.1	7.0	99%	100%
67	1	640	0.001563	1.2166%	1.2547%	7.8	8.0	13%	12%
68	8	702	0.011396	1.2948%	1.3981%	9.1	9.8	88%	82%
69	12	770	0.015584	1.3638%	1.5578%	10.5	12.0	114%	100%
70	15	849	0.017668	1.5093%	1.7358%	12.8	14.7	117%	102%
71	17	882	0.019274	1.6956%	1.9341%	15.0	17.1	114%	100%
72	18	907	0.019846	1.8816%	2.1550%	17.1	19.5	105%	92%
73	16	943	0.016967	2.1274%	2.4012%	20.1	22.6	80%	71%
74	32	917	0.034896	2.3730%	2.6756%	21.8	24.5	147%	130%
75	33	861	0.038328	2.6401%	2.9812%	22.7	25.7	145%	129%
76	28	826	0.033898	2.8878%	3.3218%	23.9	27.4	117%	102%
77	23	749	0.030708	3.1611%	3.7013%	23.7	27.7	97%	83%
78	36	700	0.051429	3.6536%	4.1242%	25.6	28.9	141%	125%
79	31	609	0.050903	4.1539%	4.5954%	25.3	28.0	123%	111%
80	20	554	0.036101	4.6620%	5.1204%	25.8	28.4	77%	71%
81	27	484	0.055785	5.2357%	5.7054%	25.3	27.6	107%	98%
82	21	450	0.046667	5.8289%	6.3572%	26.2	28.6	80%	73%
83	34	436	0.077982	6.8439%	7.0835%	29.8	30.9	114%	110%
84	28	385	0.072727	7.9429%	7.8927%	30.6	30.4	92%	92%
85	29	361	0.080332	9.0073%	8.7945%	32.5	31.7	89%	91%
86	36	339	0.106195	10.0924%	9.7992%	34.2	33.2	105%	108%
87	37	291	0.127148	11.2885%	10.9187%	32.8	31.8	113%	116%
88	31	232	0.133621	12.3089%	12.1661%	28.6	28.2	109%	110%
89	27	200	0.135000	13.2548%	13.5561%	26.5	27.1	102%	100%
90	25	161	0.155280	14.3320%	15.1048%	23.1	24.3	108%	103%
91	26	140	0.185714	15.8678%	16.8305%	22.2	23.6	117%	110%
92	21	122	0.172131	17.6967%	18.7533%	21.6	22.9	97%	92%
93	14	94	0.148936	20.4895%	20.8958%	19.3	19.6	73%	71%
94	20	84	0.238095	23.0688%	23.2831%	19.4	19.6	103%	102%
95	20	75	0.266667	25.6822%	25.9432%	19.3	19.5	104%	103%
96	10	56	0.178571	27.5980%	28.9071%	15.5	16.2	65%	62%
97	10	44	0.227273	29.3449%	32.2096%	12.9	14.2	77%	71%
98	11	34	0.323529	31.2831%	35.8895%	10.6	12.2	103%	90%
99	7	20	0.350000	32.7470%	39.9897%	6.5	8.0	107%	88%
Subtotal	768	23,232				750.3	791.7	102%	97%
100 or more	8	20	0.400000	37.1685%	50.0000%	7.4	10.0	108%	80%
Total	776	23,252				757.7	801.7	102%	97%

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

TABLE 1A GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected (7)	Proposed (8)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	38	0.000000	0.1639%	0.1274%	0.1	0.0	0%	0%
45-49	0	378	0.000000	0.2100%	0.1824%	0.8	0.7	0%	0%
50-54	3	1,773	0.001692	0.3413%	0.2716%	6.1	4.8	50%	62%
55-59	9	2,405	0.003742	0.5187%	0.4290%	12.5	10.3	72%	87%
60-64	18	2,489	0.007232	0.7827%	0.7504%	19.5	18.7	92%	96%
65-69	35	3,344	0.010467	1.2204%	1.2862%	40.8	43.0	86%	81%
70-74	98	4,498	0.021787	1.9266%	2.1903%	86.7	98.5	113%	99%
75-79	151	3,745	0.040320	3.2345%	3.6765%	121.1	137.7	125%	110%
80-84	130	2,309	0.056301	5.9687%	6.3170%	137.8	145.9	94%	89%
85-89	160	1,423	0.112439	10.8676%	10.6872%	154.6	152.1	103%	105%
90-94	106	601	0.176373	17.5570%	18.2963%	105.5	110.0	100%	96%
95-99	58	229	0.253275	28.3030%	30.5755%	64.8	70.0	89%	83%
100+	8	20	0.400000	37.1685%	50.0000%	7.4	10.0	108%	80%
Total	776	23,252				757.7	801.7	102%	97%

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

TABLE 1A				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	27	0.000000	0.1447%	0.1149%	0.0	0.0	0%	0%
42	0	47	0.000000	0.1568%	0.1258%	0.1	0.1	0%	0%
43	0	62	0.000000	0.1684%	0.1373%	0.1	0.1	0%	0%
44	0	121	0.000000	0.1800%	0.1494%	0.2	0.2	0%	0%
45	1	218	0.004587	0.1917%	0.1619%	0.4	0.4	239%	283%
46	0	320	0.000000	0.2030%	0.1749%	0.6	0.6	0%	0%
47	1	437	0.002288	0.2145%	0.1882%	0.9	0.8	107%	122%
48	3	558	0.005376	0.2256%	0.2021%	1.3	1.1	238%	266%
49	2	658	0.003040	0.2367%	0.2163%	1.6	1.4	128%	141%
50	3	745	0.004027	0.2475%	0.2313%	1.8	1.7	163%	174%
51	2	869	0.002301	0.2979%	0.2479%	2.6	2.2	77%	93%
52	3	976	0.003074	0.3439%	0.2668%	3.4	2.6	89%	115%
53	3	1,079	0.002780	0.3870%	0.2890%	4.2	3.1	72%	96%
54	6	1,120	0.005357	0.4262%	0.3155%	4.8	3.5	126%	170%
55	5	1,134	0.004409	0.4635%	0.3474%	5.3	3.9	95%	127%
56	6	1,176	0.005102	0.5075%	0.3857%	6.0	4.5	101%	132%
57	3	1,238	0.002423	0.5497%	0.4295%	6.8	5.3	44%	56%
58	6	1,238	0.004847	0.5904%	0.4797%	7.3	5.9	82%	101%
59	10	1,299	0.007698	0.6261%	0.5370%	8.1	7.0	123%	143%
60	9	1,356	0.006637	0.6596%	0.6024%	8.9	8.2	101%	110%
61	7	1,419	0.004933	0.7263%	0.6765%	10.3	9.6	68%	73%
62	8	1,506	0.005312	0.7915%	0.7599%	11.9	11.4	67%	70%
63	19	1,646	0.011543	0.8770%	0.8532%	14.4	14.0	132%	135%
64	24	1,783	0.013460	0.9795%	0.9571%	17.5	17.1	137%	141%
65	18	1,921	0.009370	1.0928%	1.0725%	21.0	20.6	86%	87%
66	21	2,000	0.010500	1.1773%	1.2007%	23.5	24.0	89%	87%
67	19	2,084	0.009117	1.2653%	1.3432%	26.4	28.0	72%	68%
68	27	2,185	0.012357	1.3508%	1.5013%	29.5	32.8	91%	82%
69	31	2,231	0.013895	1.4227%	1.6774%	31.7	37.4	98%	83%
70	43	2,265	0.018985	1.5793%	1.8733%	35.8	42.4	120%	101%
71	36	2,224	0.016187	1.7742%	2.0914%	39.5	46.5	91%	77%
72	47	2,194	0.021422	1.9689%	2.3342%	43.2	51.2	109%	92%
73	48	2,089	0.022978	2.2261%	2.6043%	46.5	54.4	103%	88%
74	54	1,975	0.027342	2.4831%	2.9045%	49.0	57.4	110%	94%
75	63	1,833	0.034370	2.7542%	3.2377%	50.5	59.3	125%	106%
76	59	1,738	0.033947	3.0126%	3.6083%	52.4	62.7	113%	94%
77	47	1,601	0.029357	3.2876%	4.0193%	52.6	64.3	89%	73%
78	67	1,498	0.044726	3.7883%	4.4748%	56.7	67.0	118%	100%
79	63	1,391	0.045291	4.2941%	4.9810%	59.7	69.3	105%	91%
80	55	1,281	0.042935	4.8047%	5.5437%	61.5	71.0	89%	77%
81	76	1,171	0.064902	5.3796%	6.1689%	63.0	72.2	121%	105%
82	61	1,064	0.057331	5.9711%	6.8638%	63.5	73.0	96%	84%
83	76	1,016	0.074803	7.0108%	7.6370%	71.2	77.6	107%	98%
84	64	911	0.070252	8.1121%	8.4973%	73.9	77.4	87%	83%
85	76	841	0.090369	9.1991%	9.4545%	77.4	79.5	98%	96%
86	75	742	0.101078	10.3074%	10.5184%	76.5	78.0	98%	96%
87	85	667	0.127436	11.4941%	11.7010%	76.7	78.0	111%	109%
88	80	608	0.131579	12.4954%	13.0124%	76.0	79.1	105%	101%
89	80	542	0.147601	13.4556%	14.4665%	72.9	78.4	110%	102%
90	72	469	0.153518	14.5054%	16.0781%	68.0	75.4	106%	95%
91	80	417	0.191847	16.0598%	17.8639%	67.0	74.5	119%	107%
92	61	341	0.178886	17.8569%	19.8379%	60.9	67.6	100%	90%
93	51	268	0.190299	20.6750%	22.0145%	55.4	59.0	92%	86%
94	45	201	0.223881	23.2776%	24.4375%	46.8	49.1	96%	92%
95	46	152	0.302632	25.8369%	27.1410%	39.3	41.3	117%	112%
96	16	97	0.164948	27.7643%	30.1682%	26.9	29.3	59%	55%
97	15	75	0.200000	29.5217%	33.5331%	22.1	25.1	68%	60%
98	19	54	0.351852	31.3772%	37.2735%	16.9	20.1	112%	94%
99	10	29	0.344828	32.8454%	41.4352%	9.5	12.0	105%	83%
Subtotal	1,907	61,207				1,862.1	2,040.2	102%	93%
100 or more	13	30	0.433333	37.1685%	51.6818%	11.2	15.5	117%	84%
Total	1,920	61,237				1,873.3	2,055.7	102%	93%

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

TABLE 1A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	257	0.000000	0.1693%	0.1385%	0.4	0.4	0%	0%
45-49	7	2,191	0.003195	0.2200%	0.1956%	4.8	4.3	145%	163%
50-54	17	4,789	0.003550	0.3495%	0.2743%	16.7	13.1	102%	129%
55-59	30	6,085	0.004930	0.5501%	0.4389%	33.5	26.7	90%	112%
60-64	67	7,710	0.008690	0.8180%	0.7824%	63.1	60.3	106%	111%
65-69	116	10,421	0.011131	1.2682%	1.3707%	132.2	142.8	88%	81%
70-74	228	10,747	0.021215	1.9910%	2.3441%	214.0	251.9	107%	91%
75-79	299	8,061	0.037092	3.3737%	4.0036%	272.0	322.7	110%	93%
80-84	332	5,443	0.060996	6.1217%	6.8213%	333.2	371.3	100%	89%
85-89	396	3,400	0.116471	11.1592%	11.5626%	379.4	393.1	104%	101%
90-94	309	1,696	0.182193	17.5760%	19.2019%	298.1	325.7	104%	95%
95-99	106	407	0.260442	28.2097%	31.4033%	114.8	127.8	92%	83%
100+	13	30	0.433333	37.1685%	51.6818%	11.2	15.5	117%	84%
Total	1,920	61,237				1,873.3	2,055.7	102%	93%

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

Plan Year Ending June 30, (1)	TABLE 1B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	6,596	222	159.7	139%	3.3657%	2.4219%
2005	6,520	182	158.9	115%	2.7914%	2.4370%
2006	6,439	197	162.0	122%	3.0595%	2.5160%
2007	6,355	206	163.2	126%	3.2415%	2.5684%
2008	6,241	196	161.2	122%	3.1405%	2.5832%
2009	6,092	186	164.4	113%	3.0532%	2.6982%
2010	5,948	186	165.3	113%	3.1271%	2.7793%
2011	5,884	203	165.5	123%	3.4500%	2.8129%
2012	5,830	179	167.3	107%	3.0703%	2.8688%
2013	5,645	221	171.2	129%	3.9150%	3.0336%
Total	61,550	1,978	1638.8	121%	3.2136%	2.6625%

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

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

TABLE 2A				4-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
41	2	263	0.007605	0.2338%	0.1964%	0.6	0.5	325%	387%
42	1	299	0.003344	0.2465%	0.1964%	0.7	0.6	136%	170%
43	0	342	0.000000	0.2597%	0.1964%	0.9	0.7	0%	0%
44	0	428	0.000000	0.2734%	0.1964%	1.2	0.8	0%	0%
45	4	508	0.007874	0.2877%	0.1964%	1.5	1.0	274%	401%
46	1	627	0.001595	0.3026%	0.1964%	1.9	1.2	53%	81%
47	1	740	0.001351	0.3180%	0.1964%	2.4	1.5	42%	69%
48	4	789	0.005070	0.3341%	0.2366%	2.6	1.9	152%	214%
49	3	819	0.003663	0.3508%	0.2768%	2.9	2.3	104%	132%
50	1	914	0.001094	0.3681%	0.3171%	3.4	2.9	30%	35%
51	6	1,056	0.005682	0.3861%	0.3573%	4.1	3.8	147%	159%
52	5	1,222	0.004092	0.4048%	0.3975%	4.9	4.9	101%	103%
53	6	1,404	0.004274	0.4341%	0.4476%	6.1	6.3	98%	95%
54	6	1,417	0.004234	0.4826%	0.4977%	6.8	7.1	88%	85%
55	4	1,394	0.002869	0.5351%	0.5478%	7.5	7.6	54%	52%
56	6	1,283	0.004677	0.5887%	0.5979%	7.6	7.7	79%	78%
57	8	1,125	0.007111	0.6432%	0.6481%	7.2	7.3	111%	110%
58	5	1,008	0.004960	0.6983%	0.7043%	7.0	7.1	71%	70%
59	10	891	0.011223	0.7484%	0.7605%	6.7	6.8	150%	148%
60	4	804	0.004975	0.8063%	0.8168%	6.5	6.6	62%	61%
61	3	761	0.003942	0.8859%	0.8730%	6.7	6.6	44%	45%
62	5	743	0.006729	0.9789%	0.9293%	7.3	6.9	69%	72%
63	10	761	0.013141	1.0895%	1.0147%	8.3	7.7	121%	130%
64	8	772	0.010363	1.2030%	1.1001%	9.3	8.5	86%	94%
65	12	736	0.016304	1.3075%	1.1855%	9.6	8.7	125%	138%
66	8	746	0.010724	1.4305%	1.2710%	10.7	9.5	75%	84%
67	12	801	0.014981	1.5242%	1.3564%	12.2	10.9	98%	110%
68	14	833	0.016807	1.7077%	1.5209%	14.2	12.7	98%	111%
69	12	904	0.013274	1.8993%	1.6854%	17.2	15.2	70%	79%
70	15	949	0.015806	2.0489%	1.8499%	19.4	17.6	77%	85%
71	13	981	0.013252	2.2692%	2.0145%	22.3	19.8	58%	66%
72	22	1,027	0.021422	2.4785%	2.1790%	25.5	22.4	86%	98%
73	14	1,052	0.013308	2.6769%	2.4993%	28.2	26.3	50%	53%
74	29	1,078	0.026902	2.8645%	2.8197%	30.9	30.4	94%	95%
75	27	1,019	0.026497	3.1007%	3.1400%	31.6	32.0	85%	84%
76	38	940	0.040426	3.5149%	3.4604%	33.0	32.5	115%	117%
77	28	862	0.032483	3.9509%	3.7807%	34.1	32.6	82%	86%
78	29	795	0.036478	4.3835%	4.3605%	34.8	34.7	83%	84%
79	26	724	0.035912	4.8121%	4.9403%	34.8	35.8	75%	73%
80	36	644	0.055901	5.2992%	5.5201%	34.1	35.5	105%	101%
81	24	545	0.044037	6.2049%	6.0999%	33.8	33.2	71%	72%
82	33	496	0.066532	7.1247%	6.6797%	35.3	33.1	93%	100%
83	29	442	0.065611	7.9946%	7.6494%	35.3	33.8	82%	86%
84	39	429	0.090909	8.9360%	8.6191%	38.3	37.0	102%	105%
85	46	403	0.114144	9.8127%	9.5888%	39.5	38.6	116%	119%
86	37	322	0.114907	10.6293%	10.5584%	34.2	34.0	108%	109%
87	33	253	0.130435	11.5548%	11.5281%	29.2	29.2	113%	113%
88	32	225	0.142222	12.5113%	13.0450%	28.2	29.4	114%	109%
89	32	189	0.169312	13.4297%	14.5618%	25.4	27.5	126%	116%
90	17	159	0.106918	14.5059%	16.0787%	23.1	25.6	74%	66%
91	25	139	0.179856	17.1004%	17.5955%	23.8	24.5	105%	102%
92	32	103	0.310680	19.7249%	19.1124%	20.3	19.7	158%	163%
93	14	66	0.212121	22.0640%	21.3605%	14.6	14.1	96%	99%
94	11	49	0.224490	24.2129%	23.6087%	11.9	11.6	93%	95%
95	13	38	0.342105	26.4716%	25.8569%	10.1	9.8	129%	132%
96	9	31	0.290323	28.3318%	28.1050%	8.8	8.7	102%	103%
97	7	16	0.437500	30.0103%	30.3532%	4.8	4.9	146%	144%
98	2	6	0.333333	31.5559%	33.5437%	1.9	2.0	106%	99%
99	1	2	0.500000	32.9285%	36.7341%	0.7	0.7	152%	136%
Subtotal	874	38,374				925.7	901.9	94%	97%
100 or more	4	4	1.000000	33.6045%	46.3055%	1.3	1.9	298%	216%
Total	878	38,378				927.1	903.8	95%	97%

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

TABLE 2A GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	3	1,332	0.002252	0.2560%	0.1964%	3.4	2.6	88%	115%
45-49	13	3,483	0.003732	0.3222%	0.2245%	11.2	7.8	116%	166%
50-54	24	6,013	0.003991	0.4211%	0.4135%	25.3	24.9	95%	97%
55-59	33	5,701	0.005788	0.6307%	0.6398%	36.0	36.5	92%	90%
60-64	30	3,841	0.007810	0.9913%	0.9458%	38.1	36.3	79%	83%
65-69	58	4,020	0.014428	1.5895%	1.4173%	63.9	57.0	91%	102%
70-74	93	5,087	0.018282	2.4808%	2.2879%	126.2	116.4	74%	80%
75-79	148	4,340	0.034101	3.8798%	3.8606%	168.4	167.5	88%	88%
80-84	161	2,556	0.062989	6.9231%	6.7571%	177.0	172.7	91%	93%
85-89	180	1,392	0.129310	11.2455%	11.3994%	156.5	158.7	115%	113%
90-94	99	516	0.191860	18.1351%	18.4835%	93.6	95.4	106%	104%
95-99	32	93	0.344086	28.1674%	28.1097%	26.2	26.1	122%	122%
100+	4	4	1.000000	33.6045%	46.3055%	1.3	1.9	298%	216%
Total	878	38,378				927.1	903.8	95%	97%

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

TABLE 2A				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
41	2	644	0.003106	0.2403%	0.2132%	1.5	1.4	129%	146%
42	1	775	0.001290	0.2540%	0.2139%	2.0	1.7	51%	60%
43	1	912	0.001096	0.2684%	0.2143%	2.4	2.0	41%	51%
44	2	1,140	0.001754	0.2835%	0.2141%	3.2	2.4	62%	82%
45	5	1,370	0.003650	0.2992%	0.2137%	4.1	2.9	122%	171%
46	3	1,630	0.001840	0.3156%	0.2128%	5.1	3.5	58%	86%
47	2	1,933	0.001035	0.3328%	0.2118%	6.4	4.1	31%	49%
48	7	2,134	0.003280	0.3507%	0.2536%	7.5	5.4	94%	129%
49	8	2,293	0.003489	0.3693%	0.2946%	8.5	6.8	94%	118%
50	2	2,389	0.000837	0.3887%	0.3348%	9.3	8.0	22%	25%
51	11	2,507	0.004388	0.4090%	0.3741%	10.3	9.4	107%	117%
52	11	2,593	0.004242	0.4301%	0.4124%	11.2	10.7	99%	103%
53	8	2,665	0.003002	0.4612%	0.4602%	12.3	12.3	65%	65%
54	14	2,588	0.005410	0.5127%	0.5076%	13.3	13.1	106%	107%
55	10	2,484	0.004026	0.5668%	0.5555%	14.1	13.8	71%	72%
56	11	2,364	0.004653	0.6217%	0.6041%	14.7	14.3	75%	77%
57	15	2,203	0.006809	0.6772%	0.6545%	14.9	14.4	101%	104%
58	14	2,095	0.006683	0.7329%	0.7129%	15.4	14.9	91%	94%
59	21	1,973	0.010644	0.7855%	0.7735%	15.5	15.3	136%	138%
60	10	1,924	0.005198	0.8463%	0.8363%	16.3	16.1	61%	62%
61	10	1,966	0.005086	0.9270%	0.9008%	18.2	17.7	55%	56%
62	17	2,007	0.008470	1.0243%	0.9667%	20.6	19.4	83%	88%
63	23	2,066	0.011133	1.1365%	1.0636%	23.5	22.0	98%	105%
64	23	2,155	0.010673	1.2549%	1.1609%	27.0	25.0	85%	92%
65	35	2,273	0.015398	1.3639%	1.2582%	31.0	28.6	113%	122%
66	36	2,361	0.015248	1.4877%	1.3552%	35.1	32.0	102%	113%
67	38	2,426	0.015664	1.5853%	1.4521%	38.5	35.2	99%	108%
68	37	2,514	0.014718	1.7815%	1.6332%	44.8	41.1	83%	90%
69	44	2,596	0.016949	1.9813%	1.8149%	51.4	47.1	86%	93%
70	47	2,603	0.018056	2.1439%	1.9965%	55.8	52.0	84%	90%
71	51	2,564	0.019891	2.3744%	2.1783%	60.9	55.9	84%	91%
72	49	2,537	0.019314	2.5935%	2.3601%	65.8	59.9	74%	82%
73	44	2,480	0.017742	2.8011%	2.7107%	69.5	67.2	63%	65%
74	71	2,358	0.030110	2.9973%	3.0610%	70.7	72.2	100%	98%
75	73	2,151	0.033938	3.2346%	3.4102%	69.6	73.4	105%	100%
76	84	2,013	0.041729	3.6668%	3.7588%	73.8	75.7	114%	111%
77	72	1,856	0.038793	4.1091%	4.1056%	76.3	76.2	94%	94%
78	58	1,687	0.034381	4.5452%	4.7313%	76.7	79.8	76%	73%
79	62	1,569	0.039516	4.9745%	5.3549%	78.0	84.0	79%	74%
80	78	1,452	0.053719	5.4615%	5.9766%	79.3	86.8	98%	90%
81	86	1,289	0.066718	6.3755%	6.5955%	82.2	85.0	105%	101%
82	82	1,139	0.071993	7.2985%	7.2120%	83.1	82.1	99%	100%
83	68	1,013	0.067127	8.1896%	8.2471%	83.0	83.5	82%	81%
84	76	929	0.081808	9.1263%	9.2792%	84.8	86.2	90%	88%
85	89	837	0.106332	10.0217%	10.3084%	83.9	86.3	106%	103%
86	76	698	0.108883	10.8556%	11.3334%	75.8	79.1	100%	96%
87	71	593	0.119730	11.7653%	12.3540%	69.8	73.3	102%	97%
88	72	496	0.145161	12.7008%	13.9524%	63.0	69.2	114%	104%
89	58	403	0.143921	13.6332%	15.5398%	54.9	62.6	106%	93%
90	45	338	0.133136	14.6813%	17.1147%	49.6	57.8	91%	78%
91	48	281	0.170819	17.3072%	18.6759%	48.6	52.5	99%	91%
92	51	210	0.242857	19.9035%	20.2177%	41.8	42.5	122%	120%
93	36	140	0.257143	22.2637%	22.5041%	31.2	31.5	115%	114%
94	20	94	0.212766	24.4321%	24.7792%	23.0	23.3	87%	86%
95	24	70	0.342857	26.6310%	27.0507%	18.6	18.9	129%	127%
96	11	43	0.255814	28.5024%	29.3312%	12.3	12.6	90%	87%
97	9	25	0.360000	30.1911%	31.6004%	7.5	7.9	119%	114%
98	5	12	0.416667	31.6507%	34.8372%	3.8	4.2	132%	120%
99	1	5	0.200000	33.0275%	38.0620%	1.7	1.9	61%	53%
Subtotal	2,038	90,865				2,172.8	2,183.9	94%	93%
100 or more	5	9	0.555556	37.1685%	47.9793%	3.3	4.3	149%	116%
Total	2,043	90,874				2,176.2	2,188.2	94%	93%

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

TABLE 2A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	6	3,471	0.001729	0.2649%	0.2140%	9.2	7.4	65%	81%
45-49	25	9,360	0.002671	0.3379%	0.2421%	31.6	22.7	79%	110%
50-54	46	12,742	0.003610	0.4415%	0.4196%	56.3	53.5	82%	86%
55-59	71	11,119	0.006385	0.6704%	0.6538%	74.5	72.7	95%	98%
60-64	83	10,118	0.008203	1.0436%	0.9902%	105.6	100.2	79%	83%
65-69	190	12,170	0.015612	1.6500%	1.5119%	200.8	184.0	95%	103%
70-74	262	12,542	0.020890	2.5724%	2.4486%	322.6	307.1	81%	85%
75-79	349	9,276	0.037624	4.0360%	4.1942%	374.4	389.1	93%	90%
80-84	390	5,822	0.066987	7.0827%	7.2773%	412.4	423.7	95%	92%
85-89	366	3,027	0.120912	11.4754%	12.2391%	347.4	370.5	105%	99%
90-94	200	1,063	0.188147	18.2680%	19.5280%	194.2	207.6	103%	96%
95-99	50	155	0.322581	28.3193%	29.3752%	43.9	45.5	114%	110%
100+	5	9	0.555556	37.1685%	47.9793%	3.3	4.3	149%	116%
Total	2,043	90,874				2,176.2	2,188.2	94%	93%

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

Plan Year Ending June 30, (1)	TABLE 2B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	8,469	193	155.6	124%	2.2789%	1.8373%
2005	8,619	171	162.2	105%	1.9840%	1.8816%
2006	8,879	193	170.1	113%	2.1737%	1.9156%
2007	9,086	200	176.8	113%	2.2012%	1.9462%
2008	9,302	210	182.8	115%	2.2576%	1.9656%
2009	9,469	218	189.2	115%	2.3022%	1.9978%
2010	9,578	205	193.8	106%	2.1403%	2.0233%
2011	9,779	249	201.4	124%	2.5463%	2.0600%
2012	9,846	219	205.5	107%	2.2243%	2.0875%
2013	9,998	211	210.8	100%	2.1104%	2.1084%
Total	93,025	2,069	1848.3	112%	2.2241%	1.9869%

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

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

TABLE 3A

4-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>(2)</u>	<u>Total</u> <u>Exposed</u> <u>(3)</u>	<u>Actual Rate</u> <u>(2) / (3)</u> <u>(4)</u>	<u>Assumed Probability</u>		<u>Expected Withdrawals</u>		<u>Actual/Expected</u>	
				<u>Expected</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Expected</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Expected</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	12	464	0.0259	2.00%	2.00%	9.3	9.3	129%	129%
1	20	1,590	0.0126	0.80%	0.80%	12.7	12.7	157%	157%
2	9	2,110	0.0043	0.40%	0.40%	8.4	8.4	107%	107%
3	11	2,473	0.0044	0.40%	0.40%	9.9	9.9	111%	111%
4	12	2,739	0.0044	0.40%	0.40%	11.0	11.0	110%	110%
5	5	2,850	0.0018	0.40%	0.40%	11.4	11.4	44%	44%
6	7	2,721	0.0026	0.36%	0.36%	9.8	9.8	71%	71%
7	9	2,409	0.0037	0.32%	0.32%	7.7	7.7	117%	117%
8	2	2,198	0.0009	0.28%	0.28%	6.2	6.2	32%	32%
9	4	2,013	0.0020	0.24%	0.24%	4.8	4.8	83%	83%
10	2	1,773	0.0011	0.20%	0.20%	3.5	3.5	56%	56%
11	0	1,752	0.0000	0.18%	0.18%	3.2	3.2	0%	0%
12	2	1,671	0.0012	0.16%	0.16%	2.7	2.7	75%	75%
13	1	1,543	0.0006	0.14%	0.14%	2.2	2.2	46%	46%
14	1	1,561	0.0006	0.12%	0.12%	1.9	1.9	53%	53%
15	2	1,392	0.0014	0.10%	0.10%	1.4	1.4	144%	144%
16	0	1,277	0.0000	0.10%	0.10%	1.3	1.3	0%	0%
17	0	1,398	0.0000	0.10%	0.10%	1.4	1.4	0%	0%
18	1	1,292	0.0008	0.10%	0.10%	1.3	1.3	77%	77%
19	1	1,242	0.0008	0.10%	0.10%	1.2	1.2	81%	81%
Total	101	36,468	0.0028			111.2	111.2	91%	91%

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

TABLE 3A

8-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>(2)</u>	<u>Total</u> <u>Exposed</u> <u>(3)</u>	<u>Actual Rate</u> <u>(2) / (3)</u> <u>(4)</u>	<u>Assumed Probability</u>		<u>Expected Withdrawals</u>		<u>Actual/Expected</u>	
				<u>Expected</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Expected</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Expected</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	52	2,474	0.0210	2.00%	2.00%	49.5	49.5	105%	105%
1	49	4,574	0.0107	0.80%	0.80%	36.6	36.6	134%	134%
2	28	4,941	0.0057	0.40%	0.40%	19.8	19.8	142%	142%
3	21	4,944	0.0042	0.40%	0.40%	19.8	19.8	106%	106%
4	23	4,953	0.0046	0.40%	0.40%	19.8	19.8	116%	116%
5	15	4,861	0.0031	0.40%	0.40%	19.4	19.4	77%	77%
6	12	4,480	0.0027	0.36%	0.36%	16.1	16.1	74%	74%
7	19	4,162	0.0046	0.32%	0.32%	13.3	13.3	143%	143%
8	7	3,896	0.0018	0.28%	0.28%	10.9	10.9	64%	64%
9	11	3,659	0.0030	0.24%	0.24%	8.8	8.8	125%	125%
10	7	3,491	0.0020	0.20%	0.20%	7.0	7.0	100%	100%
11	3	3,293	0.0009	0.18%	0.18%	5.9	5.9	51%	51%
12	4	3,102	0.0013	0.16%	0.16%	5.0	5.0	81%	81%
13	5	3,098	0.0016	0.14%	0.14%	4.3	4.3	115%	115%
14	4	3,033	0.0013	0.12%	0.12%	3.6	3.6	110%	110%
15	3	2,878	0.0010	0.10%	0.10%	2.9	2.9	104%	104%
16	2	2,685	0.0007	0.10%	0.10%	2.7	2.7	74%	74%
17	1	2,655	0.0004	0.10%	0.10%	2.7	2.7	38%	38%
18	1	2,622	0.0004	0.10%	0.10%	2.6	2.6	38%	38%
19	2	2,759	0.0007	0.10%	0.10%	2.8	2.8	72%	72%
Total	269	72,560	0.0037			253.5	253.5	106%	106%

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

Plan Year	TABLE 3B	10-YEAR PERIOD ENDING 6/30/2013				
		Life Years Exposed	Actual Withdrawals	Expected Withdrawals	Actual / Expected	Withdrawal Rate
						Actual (3) / (2)
Ending June 30, (1)		(2)	(3)	(4)	(5)	(6)
2004		8,682	32	34.2	93%	0.37%
2005		9,045	58	36.6	158%	0.64%
2006		9,117	47	36.1	130%	0.52%
2007		9,248	31	35.3	88%	0.34%
2008		9,249	47	32.1	146%	0.51%
2009		9,377	27	30.7	88%	0.29%
2010		9,222	16	26.4	61%	0.17%
2011		8,620	11	22.0	50%	0.13%
2012		8,178	8	19.6	41%	0.10%
2013		7,875	12	17.4	69%	0.15%
Total		88,613	289	290.4	100%	0.33%

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

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

TABLE 4A

4-YEAR PERIOD ENDING 6/30/2013

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
40	0	28	0.0000	10.00%	7.00%	2.8	2.0	0%	0%
41	3	62	0.0484	10.00%	7.00%	6.2	4.3	48%	69%
42	1	75	0.0133	10.00%	7.00%	7.5	5.3	13%	19%
43	6	85	0.0706	10.00%	7.00%	8.5	6.0	71%	101%
44	4	93	0.0430	10.00%	7.00%	9.3	6.5	43%	61%
45	3	105	0.0286	10.00%	7.00%	10.5	7.4	29%	41%
46	3	137	0.0219	11.00%	7.70%	15.1	10.5	20%	28%
47	5	135	0.0370	12.00%	8.40%	16.2	11.3	31%	44%
48	4	122	0.0328	13.00%	9.10%	15.9	11.1	25%	36%
49	6	80	0.0750	14.00%	9.80%	11.2	7.8	54%	77%
50	2	74	0.0270	15.00%	10.50%	11.1	7.8	18%	26%
51	3	53	0.0566	16.00%	11.20%	8.5	5.9	35%	51%
52	6	46	0.1304	17.00%	11.90%	7.8	5.5	77%	110%
53	1	26	0.0385	18.00%	12.60%	4.7	3.3	21%	31%
54	3	19	0.1579	19.00%	13.30%	3.6	2.5	83%	119%
55	2	12	0.1667	20.00%	14.00%	2.4	1.7	83%	119%
56	2	8	0.2500	20.00%	14.00%	1.6	1.1	125%	179%
57	0	0	N/A	20.00%	14.00%	0	0	0%	0%
58	0	0	N/A	20.00%	14.00%	0	0	0%	0%
59	0	0	N/A	20.00%	14.00%	0	0	0%	0%
60	0	0	N/A	20.00%	14.00%	0	0	0%	0%
61	0	0	N/A	30.00%	21.00%	0	0	0%	0%
62	0	0	N/A	40.00%	28.00%	0	0	0%	0%
63	0	0	N/A	100.00%	70.00%	0	0	0%	0%
64	0	0	N/A	100.00%	70.00%	0	0	0%	0%
65	0	0	N/A	100.00%	70.00%	0	0	0%	0%
66	0	0	N/A	100.00%	70.00%	0	0	0%	0%
67	0	0	N/A	100.00%	70.00%	0	0	0%	0%
68	0	0	N/A	100.00%	70.00%	0	0	0%	0%
69	0	0	N/A	100.00%	70.00%	0	0	0%	0%
70	0	0	N/A	100.00%	70.00%	0	0	0%	0%
Subtotal	54	1,160				142.8	100.0	38%	54%
71 or more	0	0	N/A	100.00%	70.00%	0	0	0%	0%
Total	54	1,160				142.8	100.0	38%	54%

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

TABLE 4B

4-YEAR PERIOD ENDING 6/30/2013

<u>Age</u> <u>(1)</u>	<u>Actual</u> <u>Retirements</u> <u>(2)</u>	<u>Total</u> <u>Exposed</u> <u>(3)</u>	<u>Actual Rate</u> <u>(2) / (3)</u> <u>(4)</u>	<u>Assumed Probability</u>		<u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Expected</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Expected</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Expected</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
40	0	3	0.0000	2.00%	1.80%	0.1	0.1	0%	0%
41	0	25	0.0000	2.00%	1.80%	0.5	0.5	0%	0%
42	1	55	0.0182	2.00%	1.80%	1.1	1.0	91%	101%
43	1	64	0.0156	2.00%	1.80%	1.3	1.2	78%	87%
44	2	67	0.0299	2.00%	1.80%	1.3	1.2	149%	166%
45	2	89	0.0225	2.00%	1.80%	1.8	1.6	112%	125%
46	0	97	0.0000	2.00%	1.80%	1.9	1.7	0%	0%
47	1	131	0.0076	2.00%	1.80%	2.6	2.4	38%	42%
48	1	128	0.0078	2.00%	1.80%	2.6	2.3	39%	43%
49	0	100	0.0000	2.00%	1.80%	2.0	1.8	0%	0%
50	0	69	0.0000	2.00%	1.80%	1.4	1.2	0%	0%
51	2	76	0.0263	2.00%	1.80%	1.5	1.4	132%	146%
52	4	50	0.0800	3.00%	2.70%	1.5	1.4	267%	296%
53	1	46	0.0217	4.00%	3.60%	1.8	1.7	54%	60%
54	0	21	0.0000	5.00%	4.50%	1.1	0.9	0%	0%
55	0	15	0.0000	6.00%	5.40%	0.9	0.8	0%	0%
56	0	7	0.0000	7.00%	6.30%	0.5	0.4	0%	0%
57	0	5	0.0000	8.00%	7.20%	0.4	0.4	0%	0%
58	0	0	N/A	9.00%	8.10%	0	0	0%	0%
59	0	0	N/A	10.00%	9.00%	0	0	0%	0%
60	0	0	N/A	12.00%	10.80%	0	0	0%	0%
61	0	0	N/A	15.00%	13.50%	0	0	0%	0%
62	0	0	N/A	20.00%	18.00%	0	0	0%	0%
63	0	0	N/A	100.00%	90.00%	0	0	0%	0%
64	0	0	N/A	100.00%	90.00%	0	0	0%	0%
65	0	0	N/A	100.00%	90.00%	0	0	0%	0%
66	0	0	N/A	100.00%	90.00%	0	0	0%	0%
67	0	0	N/A	100.00%	90.00%	0	0	0%	0%
68	0	0	N/A	100.00%	90.00%	0	0	0%	0%
69	0	0	N/A	100.00%	90.00%	0	0	0%	0%
70	0	0	N/A	100.00%	90.00%	0	0	0%	0%
Subtotal	15	1,048				24.3	21.8	62%	69%
71 or more	0	0	N/A	100.00%	90.00%	0	0	0%	0%
Total	15	1,048				24.3	21.8	62%	69%

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

TABLE 4C

Age				Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013		Actual/Expected	
	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Expected	Proposed	Expected Retirements		Expected (2) / (7)	Proposed (2) / (8)
						Expected (3) x (5)	Proposed (3) x (6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	1	0.0000	2.00%	1.70%	0.0	0.0	0%	0%
41	0	4	0.0000	2.00%	1.70%	0.1	0.1	0%	0%
42	1	26	0.0385	2.00%	1.70%	0.5	0.4	192%	226%
43	0	84	0.0000	2.00%	1.70%	1.7	1.4	0%	0%
44	4	130	0.0308	2.00%	1.70%	2.6	2.2	154%	181%
45	1	192	0.0052	2.00%	1.70%	3.8	3.3	26%	31%
46	2	290	0.0069	2.00%	1.70%	5.8	4.9	34%	41%
47	6	411	0.0146	2.00%	1.70%	8.2	7.0	73%	86%
48	9	510	0.0176	2.00%	1.70%	10.2	8.7	88%	104%
49	9	575	0.0157	2.00%	1.70%	11.5	9.8	78%	92%
50	11	598	0.0184	2.00%	1.70%	12.0	10.2	92%	108%
51	14	638	0.0219	2.00%	1.70%	12.8	10.8	110%	129%
52	17	685	0.0248	3.00%	2.55%	20.6	17.5	83%	97%
53	15	663	0.0226	4.00%	3.40%	26.5	22.5	57%	67%
54	22	627	0.0351	5.00%	4.25%	31.4	26.6	70%	83%
55	21	521	0.0403	6.00%	5.10%	31.3	26.6	67%	79%
56	21	421	0.0499	7.00%	5.95%	29.5	25.0	71%	84%
57	14	334	0.0419	8.00%	6.80%	26.7	22.7	52%	62%
58	10	248	0.0403	9.00%	7.65%	22.3	19.0	45%	53%
59	5	168	0.0298	10.00%	8.50%	16.8	14.3	30%	35%
60	3	105	0.0286	12.00%	10.20%	12.6	10.7	24%	28%
61	7	78	0.0897	15.00%	12.75%	11.7	9.9	60%	70%
62	3	51	0.0588	20.00%	17.00%	10.2	8.7	29%	35%
63	2	38	0.0526	100.00%	85.00%	38.0	32.3	5%	6%
64	7	28	0.2500	100.00%	85.00%	28.0	23.8	25%	29%
65	4	11	0.3636	100.00%	85.00%	11.0	9.4	36%	43%
66	0	2	0.0000	100.00%	85.00%	2.0	1.7	0%	0%
67	0	2	0.0000	100.00%	85.00%	2.0	1.7	0%	0%
68	0	0	N/A	100.00%	85.00%	0	0	0%	0%
69	0	0	N/A	100.00%	85.00%	0	0	0%	0%
70	0	0	N/A	100.00%	85.00%	0	0	0%	0%
Subtotal	208	7,441				389.7	331.2	53%	63%
71 or more	0	0	N/A	100.00%	85.00%	0	0	0%	0%
Total	208	7,441				389.7	331.2	53%	63%

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

TABLE 4A GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	14	343	0.0408	10.00%	7.00%	34.3	24.0	41%	58%
45-59	21	579	0.0363	11.89%	8.32%	68.8	48.2	31%	44%
50-54	15	218	0.0688	16.37%	11.46%	35.7	25.0	42%	60%
55-59	4	20	0.2000	20.00%	14.00%	4.0	2.8	100%	143%
60-64	0	0	N/A			0	0	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70+	0	0	N/A			0	0	0%	0%
Total	54	1,160				142.8	100.0	38%	54%

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

TABLE 4B GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	4	214	0.0187	2.00%	1.80%	4.3	3.9	93%	104%
45-59	4	545	0.0073	2.00%	1.80%	10.9	9.8	37%	41%
50-54	7	262	0.0267	2.78%	2.50%	7.3	6.6	96%	107%
55-59	0	27	0.0000	6.63%	5.97%	1.8	1.6	0%	0%
60-64	0	0	N/A			0	0	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70+	0	0	N/A			0	0	0%	0%
Total	15	1,048				24.3	21.8	62%	69%

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

TABLE 4C GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	5	245	0.0204	2.00%	1.70%	4.9	4.2	102%	120%
45-59	27	1,978	0.0137	2.00%	1.70%	39.6	33.6	68%	80%
50-54	79	3,211	0.0246	3.21%	2.73%	103.1	87.7	77%	90%
55-59	71	1,692	0.0420	7.48%	6.36%	126.6	107.6	56%	66%
60-64	22	300	0.0733	33.50%	28.48%	100.5	85.4	22%	26%
65-69	4	15	0.2667	100.00%	85.00%	15.0	12.8	27%	31%
70+	0	0	N/A			0	0	0%	0%
Total	208	7,441				389.7	331.2	53%	63%

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

TABLE 4A

				10-YEAR PERIOD ENDING 6/30/2013					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	19	103	0.1845	10.00%	7.00%	10.3	7.2	184%	264%
41	18	238	0.0756	10.00%	7.00%	23.8	16.7	76%	108%
42	10	224	0.0446	10.00%	7.00%	22.4	15.7	45%	64%
43	17	243	0.0700	10.00%	7.00%	24.3	17.0	70%	100%
44	27	319	0.0846	10.00%	7.00%	31.9	22.3	85%	121%
45	22	358	0.0615	10.00%	7.00%	35.8	25.1	61%	88%
46	27	385	0.0701	11.00%	7.70%	42.4	29.6	64%	91%
47	29	327	0.0887	12.00%	8.40%	39.2	27.5	74%	106%
48	24	290	0.0828	13.00%	9.10%	37.7	26.4	64%	91%
49	18	230	0.0783	14.00%	9.80%	32.2	22.5	56%	80%
50	14	188	0.0745	15.00%	10.50%	28.2	19.7	50%	71%
51	16	126	0.1270	16.00%	11.20%	20.2	14.1	79%	113%
52	15	114	0.1316	17.00%	11.90%	19.4	13.6	77%	111%
53	9	59	0.1525	18.00%	12.60%	10.6	7.4	85%	121%
54	6	36	0.1667	19.00%	13.30%	6.8	4.8	88%	125%
55	3	16	0.1875	20.00%	14.00%	3.2	2.2	94%	134%
56	2	10	0.2000	20.00%	14.00%	2.0	1.4	100%	143%
57	0	1	0.0000	20.00%	14.00%	0.2	0.1	0%	0%
58	0	0	N/A	20.00%	14.00%	0	0	0%	0%
59	0	0	N/A	20.00%	14.00%	0	0	0%	0%
60	0	0	N/A	20.00%	14.00%	0	0	0%	0%
61	0	0	N/A	30.00%	21.00%	0	0	0%	0%
62	0	0	N/A	40.00%	28.00%	0	0	0%	0%
63	0	0	N/A	100.00%	70.00%	0	0	0%	0%
64	0	0	N/A	100.00%	70.00%	0	0	0%	0%
65	0	0	N/A	100.00%	70.00%	0	0	0%	0%
66	0	0	N/A	100.00%	70.00%	0	0	0%	0%
67	0	0	N/A	100.00%	70.00%	0	0	0%	0%
68	0	0	N/A	100.00%	70.00%	0	0	0%	0%
69	0	0	N/A	100.00%	70.00%	0	0	0%	0%
70	0	0	N/A	100.00%	70.00%	0	0	0%	0%
Subtotal	276	3,267				390.6	273.4	71%	101%
71 or more	0	0	N/A	100.00%	70.00%	0	0	0%	0%
Total	276	3,267				390.6	273.4	71%	101%

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

TABLE 4B

				10-YEAR PERIOD ENDING 6/30/2013					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	9	0.0000	2.00%	1.80%	0.2	0.2	0%	0%
41	1	72	0.0139	2.00%	1.80%	1.4	1.3	69%	77%
42	2	198	0.0101	2.00%	1.80%	4.0	3.6	51%	56%
43	4	188	0.0213	2.00%	1.80%	3.8	3.4	106%	118%
44	5	244	0.0205	2.00%	1.80%	4.9	4.4	102%	114%
45	9	291	0.0309	2.00%	1.80%	5.8	5.2	155%	172%
46	3	334	0.0090	2.00%	1.80%	6.7	6.0	45%	50%
47	3	336	0.0089	2.00%	1.80%	6.7	6.0	45%	50%
48	10	279	0.0358	2.00%	1.80%	5.6	5.0	179%	199%
49	7	246	0.0285	2.00%	1.80%	4.9	4.4	142%	158%
50	4	194	0.0206	2.00%	1.80%	3.9	3.5	103%	115%
51	3	162	0.0185	2.00%	1.80%	3.2	2.9	93%	103%
52	7	98	0.0714	3.00%	2.70%	2.9	2.6	238%	265%
53	2	90	0.0222	4.00%	3.60%	3.6	3.2	56%	62%
54	0	41	0.0000	5.00%	4.50%	2.1	1.8	0%	0%
55	0	23	0.0000	6.00%	5.40%	1.4	1.2	0%	0%
56	0	10	0.0000	7.00%	6.30%	0.7	0.6	0%	0%
57	0	7	0.0000	8.00%	7.20%	0.6	0.5	0%	0%
58	0	0	N/A	9.00%	8.10%	0	0	0%	0%
59	0	0	N/A	10.00%	9.00%	0	0	0%	0%
60	0	0	N/A	12.00%	10.80%	0	0	0%	0%
61	0	0	N/A	15.00%	13.50%	0	0	0%	0%
62	0	0	N/A	20.00%	18.00%	0	0	0%	0%
63	0	0	N/A	100.00%	90.00%	0	0	0%	0%
64	0	0	N/A	100.00%	90.00%	0	0	0%	0%
65	0	0	N/A	100.00%	90.00%	0	0	0%	0%
66	0	0	N/A	100.00%	90.00%	0	0	0%	0%
67	0	0	N/A	100.00%	90.00%	0	0	0%	0%
68	0	0	N/A	100.00%	90.00%	0	0	0%	0%
69	0	0	N/A	100.00%	90.00%	0	0	0%	0%
70	0	0	N/A	100.00%	90.00%	0	0	0%	0%
Subtotal	60	2,822				62.3	56.1	96%	107%
71 or more	0	0	N/A	100.00%	90.00%	0	0	0%	0%
Total	60	2,822				62.3	56.1	96%	107%

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

TABLE 4C				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	5	0.0000	2.00%	1.70%	0.1	0.1	0%	0%
41	0	12	0.0000	2.00%	1.70%	0.2	0.2	0%	0%
42	1	77	0.0130	2.00%	1.70%	1.5	1.3	65%	76%
43	1	245	0.0041	2.00%	1.70%	4.9	4.2	20%	24%
44	7	417	0.0168	2.00%	1.70%	8.3	7.1	84%	99%
45	8	674	0.0119	2.00%	1.70%	13.5	11.5	59%	70%
46	19	943	0.0201	2.00%	1.70%	18.9	16.0	101%	119%
47	20	1,254	0.0159	2.00%	1.70%	25.1	21.3	80%	94%
48	30	1,484	0.0202	2.00%	1.70%	29.7	25.2	101%	119%
49	30	1,598	0.0188	2.00%	1.70%	32.0	27.2	94%	110%
50	36	1,622	0.0222	2.00%	1.70%	32.4	27.6	111%	131%
51	36	1,565	0.0230	2.00%	1.70%	31.3	26.6	115%	135%
52	45	1,491	0.0302	3.00%	2.55%	44.7	38.0	101%	118%
53	32	1,316	0.0243	4.00%	3.40%	52.6	44.7	61%	72%
54	37	1,156	0.0320	5.00%	4.25%	57.8	49.1	64%	75%
55	41	935	0.0439	6.00%	5.10%	56.1	47.7	73%	86%
56	33	719	0.0459	7.00%	5.95%	50.3	42.8	66%	77%
57	22	559	0.0394	8.00%	6.80%	44.7	38.0	49%	58%
58	23	409	0.0562	9.00%	7.65%	36.8	31.3	62%	74%
59	11	277	0.0397	10.00%	8.50%	27.7	23.5	40%	47%
60	5	194	0.0258	12.00%	10.20%	23.3	19.8	21%	25%
61	13	151	0.0861	15.00%	12.75%	22.7	19.3	57%	68%
62	7	101	0.0693	20.00%	17.00%	20.2	17.2	35%	41%
63	6	75	0.0800	100.00%	85.00%	75.0	63.8	8%	9%
64	9	49	0.1837	100.00%	85.00%	49.0	41.7	18%	22%
65	8	20	0.4000	100.00%	85.00%	20.0	17.0	40%	47%
66	0	0	N/A	100.00%	85.00%	0	0	0%	0%
67	0	0	N/A	100.00%	85.00%	0	0	0%	0%
68	0	0	N/A	100.00%	85.00%	0	0	0%	0%
69	0	0	N/A	100.00%	85.00%	0	0	0%	0%
70	0	0	N/A	100.00%	85.00%	0	0	0%	0%
Subtotal	480	17,348				778.9	662.0	62%	73%
71 or more	0	0	N/A	100.00%	85.00%	1.0	0	0%	0%
Total	480	17,348				779.9	662.0	62%	73%

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

TABLE 4A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	91	1,127	0.0807	10.00%	7.00%	112.7	78.9	81%	115%
45-59	120	1,590	0.0755	11.78%	8.25%	187.3	131.1	64%	92%
50-54	60	523	0.1147	16.29%	11.40%	85.2	59.6	70%	101%
55-59	5	27	0.1852	20.00%	14.00%	5.4	3.8	93%	132%
60-64	0	0	N/A			0	0	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70+	0	0	N/A			0	0	0%	0%
Total	276	3,267				390.6	273.4	71%	101%

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

TABLE 4B GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	12	711	0.0169	2.00%	1.80%	14.2	12.8	84%	94%
45-59	32	1,486	0.0215	2.00%	1.80%	29.7	26.7	108%	120%
50-54	16	585	0.0274	2.69%	2.42%	15.7	14.1	102%	113%
55-59	0	40	0.0000	6.60%	5.94%	2.6	2.4	0%	0%
60-64	0	0	N/A			0	0	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70+	0	0	N/A			0	0	0%	0%
Total	60	2,822				62.3	56.1	96%	107%

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

TABLE 4C GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40-44	9	756	0.0119	2.00%	1.70%	15.1	12.9	60%	70%
45-59	107	5,953	0.0180	2.00%	1.70%	119.1	101.2	90%	106%
50-54	186	7,150	0.0260	3.06%	2.60%	218.9	186.1	85%	100%
55-59	130	2,899	0.0448	7.44%	6.32%	215.7	183.3	60%	71%
60-64	40	570	0.0702	33.36%	28.35%	190.1	161.6	21%	25%
65-69	8	20	0.4000	100.00%	85.00%	20.0	17.0	40%	47%
70+	0	0	N/A			1.0	0	0%	0%
Total	480	17,348				779.9	662.0	62%	73%

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

Plan Year Ending June 30, (1)	TABLE 4D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Retirements (3)	Expected Retirements (4)	Actual / Expected (5)	Retirement Rate	
					Actual	Expected
					(3) / (2)	(4) / (2)
		(3)	(4)	(5)	(6)	(7)
2004	2,237	146	116.7	125%	6.53%	5.21%
2005	2,293	103	115.8	89%	4.49%	5.05%
2006	2,418	113	122.7	92%	4.67%	5.07%
2007	2,352	93	107.5	86%	3.95%	4.57%
2008	2,294	45	109.3	41%	1.96%	4.77%
2009	2,215	41	104.0	39%	1.85%	4.70%
2010	2,233	45	117.6	38%	2.02%	5.27%
2011	2,515	90	157.4	57%	3.58%	6.26%
2012	2,487	52	144.8	36%	2.09%	5.82%
2013	2,426	90	139.8	64%	3.71%	5.76%
Total	23,470	818	1,235.6	66%	3.49%	5.26%

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

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

TABLE 5A				4-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.040%	0.024%	0	0	0%	0%
21	0	0	N/A	0.040%	0.024%	0	0	0%	0%
22	0	6	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
23	0	21	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
24	0	93	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
25	0	292	0.00000	0.040%	0.024%	0.1	0.1	0%	0%
26	0	592	0.00000	0.040%	0.024%	0.2	0.1	0%	0%
27	1	912	0.00110	0.040%	0.024%	0.4	0.2	274%	457%
28	0	1,186	0.00000	0.040%	0.024%	0.5	0.3	0%	0%
29	1	1,402	0.00071	0.040%	0.024%	0.6	0.3	178%	297%
30	0	1,558	0.00000	0.040%	0.024%	0.6	0.4	0%	0%
31	1	1,739	0.00058	0.040%	0.024%	0.7	0.4	144%	240%
32	2	1,904	0.00105	0.040%	0.024%	0.8	0.5	263%	438%
33	1	1,959	0.00051	0.040%	0.024%	0.8	0.5	128%	213%
34	0	1,920	0.00000	0.040%	0.024%	0.8	0.5	0%	0%
35	1	1,875	0.00053	0.040%	0.024%	0.8	0.5	133%	222%
36	1	1,815	0.00055	0.042%	0.025%	0.8	0.5	131%	219%
37	0	1,770	0.00000	0.044%	0.026%	0.8	0.5	0%	0%
38	0	1,804	0.00000	0.046%	0.028%	0.8	0.5	0%	0%
39	0	1,768	0.00000	0.048%	0.029%	0.8	0.5	0%	0%
40	1	1,709	0.00059	0.050%	0.030%	0.9	0.5	117%	195%
41	1	1,603	0.00062	0.060%	0.036%	1.0	0.6	104%	173%
42	1	1,529	0.00065	0.070%	0.042%	1.1	0.6	93%	156%
43	1	1,432	0.00070	0.080%	0.048%	1.1	0.7	87%	145%
44	0	1,403	0.00000	0.090%	0.054%	1.3	0.8	0%	0%
45	0	1,456	0.00000	0.100%	0.060%	1.5	0.9	0%	0%
46	0	1,447	0.00000	0.110%	0.066%	1.6	1.0	0%	0%
47	1	1,390	0.00072	0.120%	0.072%	1.7	1.0	60%	100%
48	2	1,269	0.00158	0.130%	0.078%	1.6	1.0	121%	202%
49	1	1,116	0.00090	0.140%	0.084%	1.6	0.9	64%	107%
50	0	976	0.00000	0.150%	0.090%	1.5	0.9	0%	0%
51	0	936	0.00000	0.160%	0.096%	1.5	0.9	0%	0%
52	0	868	0.00000	0.170%	0.102%	1.5	0.9	0%	0%
53	0	769	0.00000	0.180%	0.108%	1.4	0.8	0%	0%
54	0	686	0.00000	0.190%	0.114%	1.3	0.8	0%	0%
55	0	556	0.00000	0.200%	0.120%	1.1	0.7	0%	0%
56	0	437	0.00000	0.220%	0.132%	1.0	0.6	0%	0%
57	0	343	0.00000	0.240%	0.144%	0.8	0.5	0%	0%
58	0	251	0.00000	0.260%	0.156%	0.7	0.4	0%	0%
59	0	170	0.00000	0.280%	0.168%	0.5	0.3	0%	0%
60	0	107	0.00000	0.300%	0.180%	0.3	0.2	0%	0%
61	0	78	0.00000	0.320%	0.192%	0.2	0.1	0%	0%
62	0	52	0.00000	0.340%	0.204%	0.2	0.1	0%	0%
63	0	0	N/A	0.340%	0.204%	0	0	0%	0%
64	0	0	N/A	0.340%	0.204%	0	0	0%	0%
65	0	0	N/A	0.340%	0.204%	0	0	0%	0%
66	0	0	N/A	0.340%	0.204%	0	0	0%	0%
67	0	0	N/A	0.340%	0.204%	0	0	0%	0%
68	0	0	N/A	0.340%	0.204%	0	0	0%	0%
69	0	0	N/A	0.340%	0.204%	0	0	0%	0%
70	0	0	N/A	0.340%	0.204%	0	0	0%	0%
71	0	0	N/A	0.340%	0.204%	0	0	0%	0%
72	0	0	N/A	0.340%	0.204%	0	0	0%	0%
73	0	0	N/A	0.340%	0.204%	0	0	0%	0%
74	0	0	N/A	0.340%	0.204%	0	0	0%	0%
Total	16	43,199				34.5	20.7	46%	77%

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

TABLE 5A GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	120	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
25-29	2	4,384	0.00046	0.040%	0.024%	1.8	1.1	114%	190%
30-34	4	9,080	0.00044	0.040%	0.024%	3.6	2.2	110%	184%
35-39	2	9,032	0.00022	0.044%	0.026%	4.0	2.4	50%	84%
40-44	4	7,676	0.00052	0.069%	0.041%	5.3	3.2	76%	126%
45-49	4	6,678	0.00060	0.119%	0.071%	7.9	4.8	50%	84%
50-54	0	4,235	0.00000	0.168%	0.101%	7.1	4.3	0%	0%
55-59	0	1,757	0.00000	0.229%	0.137%	4.0	2.4	0%	0%
60-64	0	237	0.00000	0.315%	0.189%	0.7	0.4	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	16	43,199				34.5	20.7	46%	77%

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

TABLE 5A				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	4	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
21	0	34	0.00000	0.040%	0.024%	0.0	0.0	0%	0%
22	0	178	0.00000	0.040%	0.024%	0.1	0.0	0%	0%
23	0	534	0.00000	0.040%	0.024%	0.2	0.1	0%	0%
24	0	1,066	0.00000	0.040%	0.024%	0.4	0.3	0%	0%
25	0	1,653	0.00000	0.040%	0.024%	0.7	0.4	0%	0%
26	0	2,275	0.00000	0.040%	0.024%	0.9	0.5	0%	0%
27	1	2,871	0.00035	0.040%	0.024%	1.1	0.7	87%	145%
28	1	3,398	0.00029	0.040%	0.024%	1.4	0.8	74%	123%
29	3	3,755	0.00080	0.040%	0.024%	1.5	0.9	200%	333%
30	2	4,047	0.00049	0.040%	0.024%	1.6	1.0	124%	206%
31	2	4,348	0.00046	0.040%	0.024%	1.7	1.0	115%	192%
32	2	4,586	0.00044	0.040%	0.024%	1.8	1.1	109%	182%
33	3	4,695	0.00064	0.040%	0.024%	1.9	1.1	160%	266%
34	0	4,743	0.00000	0.040%	0.024%	1.9	1.1	0%	0%
35	2	4,634	0.00043	0.040%	0.024%	1.9	1.1	108%	180%
36	2	4,550	0.00044	0.042%	0.025%	1.9	1.1	105%	174%
37	2	4,450	0.00045	0.044%	0.026%	2.0	1.2	102%	170%
38	2	4,453	0.00045	0.046%	0.028%	2.0	1.2	98%	163%
39	1	4,443	0.00023	0.048%	0.029%	2.1	1.3	47%	78%
40	2	4,444	0.00045	0.050%	0.030%	2.2	1.3	90%	150%
41	1	4,332	0.00023	0.060%	0.036%	2.6	1.6	38%	64%
42	2	4,155	0.00048	0.070%	0.042%	2.9	1.7	69%	115%
43	2	3,973	0.00050	0.080%	0.048%	3.2	1.9	63%	105%
44	1	3,841	0.00026	0.090%	0.054%	3.5	2.1	29%	48%
45	1	3,793	0.00026	0.100%	0.060%	3.8	2.3	26%	44%
46	2	3,637	0.00055	0.110%	0.066%	4.0	2.4	50%	83%
47	2	3,455	0.00058	0.120%	0.072%	4.1	2.5	48%	80%
48	2	3,199	0.00063	0.130%	0.078%	4.2	2.5	48%	80%
49	3	2,885	0.00104	0.140%	0.084%	4.0	2.4	74%	124%
50	0	2,540	0.00000	0.150%	0.090%	3.8	2.3	0%	0%
51	3	2,217	0.00135	0.160%	0.096%	3.5	2.1	85%	141%
52	0	1,899	0.00000	0.170%	0.102%	3.2	1.9	0%	0%
53	3	1,554	0.00193	0.180%	0.108%	2.8	1.7	107%	179%
54	1	1,273	0.00079	0.190%	0.114%	2.4	1.5	41%	69%
55	1	989	0.00101	0.200%	0.120%	2.0	1.2	51%	84%
56	1	743	0.00135	0.220%	0.132%	1.6	1.0	61%	102%
57	1	572	0.00175	0.240%	0.144%	1.4	0.8	73%	121%
58	0	415	0.00000	0.260%	0.156%	1.1	0.6	0%	0%
59	0	281	0.00000	0.280%	0.168%	0.8	0.5	0%	0%
60	0	197	0.00000	0.300%	0.180%	0.6	0.4	0%	0%
61	0	152	0.00000	0.320%	0.192%	0.5	0.3	0%	0%
62	0	103	0.00000	0.340%	0.204%	0.4	0.2	0%	0%
63	0	0	N/A	0.340%	0.204%	0	0	0%	0%
64	0	0	N/A	0.340%	0.204%	0	0	0%	0%
65	0	0	N/A	0.340%	0.204%	0	0	0%	0%
66	0	0	N/A	0.340%	0.204%	0	0	0%	0%
67	0	0	N/A	0.340%	0.204%	0	0	0%	0%
68	0	0	N/A	0.340%	0.204%	0	0	0%	0%
69	0	0	N/A	0.340%	0.204%	0	0	0%	0%
70	0	0	N/A	0.340%	0.204%	0	0	0%	0%
71	0	0	N/A	0.340%	0.204%	0	0	0%	0%
72	0	0	N/A	0.340%	0.204%	0	0	0%	0%
73	0	0	N/A	0.340%	0.204%	0	0	0%	0%
74	0	0	N/A	0.340%	0.204%	0	0	0%	0%
Total	51	111,366				83.8	50.3	61%	101%

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

TABLE 5A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3) (5)	Proposed (8) / (3) (6)	Expected (7) (7)	Proposed (8) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	1,816	0.00000	0.040%	0.024%	0.7	0.4	0%	0%
25-29	5	13,952	0.00036	0.040%	0.024%	5.6	3.3	90%	149%
30-34	9	22,419	0.00040	0.040%	0.024%	9.0	5.4	100%	167%
35-39	9	22,530	0.00040	0.044%	0.026%	9.9	5.9	91%	151%
40-44	8	20,745	0.00039	0.069%	0.042%	14.4	8.6	56%	93%
45-49	10	16,969	0.00059	0.119%	0.071%	20.1	12.1	50%	83%
50-54	7	9,483	0.00074	0.167%	0.100%	15.8	9.5	44%	74%
55-59	3	3,000	0.00100	0.228%	0.137%	6.9	4.1	44%	73%
60-64	0	452	0.00000	0.316%	0.190%	1.4	0.9	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	51	111,366				83.8	50.3	61%	101%

**NEW YORK CITY 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 6/30/2013				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	10,892	6	7.8	77%	0.055%	0.072%
2005	11,316	5	8.1	62%	0.044%	0.071%
2006	11,479	8	8.2	98%	0.070%	0.071%
2007	11,607	3	8.4	36%	0.026%	0.072%
2008	11,518	5	8.4	60%	0.043%	0.073%
2009	11,574	7	8.6	82%	0.060%	0.074%
2010	11,445	4	8.7	46%	0.035%	0.076%
2011	11,058	6	8.7	69%	0.054%	0.078%
2012	10,620	7	8.6	81%	0.066%	0.081%
2013	10,240	0	8.7	0%	0.000%	0.085%
Total	111,749	51	84.0	61%	0.046%	0.075%

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

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

TABLE 6A				4-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.020%	0.015%	0	0	0%	0%
21	0	0	N/A	0.020%	0.015%	0	0	0%	0%
22	0	6	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
23	0	21	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
24	0	93	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
25	0	292	0.00000	0.020%	0.015%	0.1	0.0	0%	0%
26	0	594	0.00000	0.020%	0.015%	0.1	0.1	0%	0%
27	0	914	0.00000	0.020%	0.015%	0.2	0.1	0%	0%
28	0	1,190	0.00000	0.020%	0.015%	0.2	0.2	0%	0%
29	0	1,408	0.00000	0.020%	0.015%	0.3	0.2	0%	0%
30	0	1,565	0.00000	0.020%	0.015%	0.3	0.2	0%	0%
31	0	1,748	0.00000	0.020%	0.015%	0.3	0.3	0%	0%
32	0	1,918	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
33	0	1,973	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
34	0	1,938	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
35	0	1,890	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
36	0	1,826	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
37	1	1,780	0.00056	0.020%	0.015%	0.4	0.3	281%	375%
38	0	1,810	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
39	0	1,774	0.00000	0.020%	0.015%	0.4	0.3	0%	0%
40	0	1,716	0.00000	0.020%	0.015%	0.3	0.3	0%	0%
41	0	1,608	0.00000	0.026%	0.020%	0.4	0.3	0%	0%
42	1	1,532	0.00065	0.032%	0.024%	0.5	0.4	204%	272%
43	0	1,435	0.00000	0.038%	0.029%	0.5	0.4	0%	0%
44	2	1,405	0.00142	0.044%	0.033%	0.6	0.5	324%	431%
45	0	1,458	0.00000	0.050%	0.038%	0.7	0.5	0%	0%
46	1	1,448	0.00069	0.060%	0.045%	0.9	0.7	115%	153%
47	1	1,391	0.00072	0.070%	0.053%	1.0	0.7	103%	137%
48	1	1,269	0.00079	0.080%	0.060%	1.0	0.8	99%	131%
49	0	1,116	0.00000	0.090%	0.068%	1.0	0.8	0%	0%
50	2	977	0.00205	0.100%	0.075%	1.0	0.7	205%	273%
51	0	938	0.00000	0.120%	0.090%	1.1	0.8	0%	0%
52	1	870	0.00115	0.140%	0.105%	1.2	0.9	82%	109%
53	1	771	0.00130	0.160%	0.120%	1.2	0.9	81%	108%
54	2	686	0.00292	0.180%	0.135%	1.2	0.9	162%	216%
55	0	556	0.00000	0.200%	0.150%	1.1	0.8	0%	0%
56	0	437	0.00000	0.220%	0.165%	1.0	0.7	0%	0%
57	0	343	0.00000	0.240%	0.180%	0.8	0.6	0%	0%
58	0	252	0.00000	0.260%	0.195%	0.7	0.5	0%	0%
59	0	172	0.00000	0.280%	0.210%	0.5	0.4	0%	0%
60	0	109	0.00000	0.300%	0.225%	0.3	0.2	0%	0%
61	0	80	0.00000	0.400%	0.300%	0.3	0.2	0%	0%
62	0	54	0.00000	0.500%	0.375%	0.3	0.2	0%	0%
63	0	0	N/A	0.500%	0.375%	0	0	0%	0%
64	0	0	N/A	0.500%	0.375%	0	0	0%	0%
65	0	0	N/A	0.500%	0.375%	0	0	0%	0%
66	0	0	N/A	0.500%	0.375%	0	0	0%	0%
67	0	0	N/A	0.500%	0.375%	0	0	0%	0%
68	0	0	N/A	0.500%	0.375%	0	0	0%	0%
69	0	0	N/A	0.500%	0.375%	0	0	0%	0%
70	0	0	N/A	0.500%	0.375%	0	0	0%	0%
71	0	0	N/A	0.500%	0.375%	0	0	0%	0%
72	0	0	N/A	0.500%	0.375%	0	0	0%	0%
73	0	0	N/A	0.500%	0.375%	0	0	0%	0%
74	0	0	N/A	0.500%	0.375%	0	0	0%	0%
Total	13	43,363				22.3	16.7	58%	78%

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

TABLE 6A GROUPED				4-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3) (5)	Proposed (8) / (3) (6)	Expected (7) (7)	Proposed (8) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	120	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
25-29	0	4,398	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
30-34	0	9,142	0.00000	0.020%	0.015%	1.8	1.4	0%	0%
35-39	1	9,080	0.00011	0.020%	0.015%	1.8	1.4	55%	73%
40-44	3	7,696	0.00039	0.031%	0.024%	2.4	1.8	124%	166%
45-49	3	6,682	0.00045	0.069%	0.052%	4.6	3.4	65%	87%
50-54	6	4,242	0.00141	0.136%	0.102%	5.8	4.3	104%	138%
55-59	0	1,760	0.00000	0.229%	0.172%	4.0	3.0	0%	0%
60-64	0	243	0.00000	0.377%	0.283%	0.9	0.7	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	13	43,363				22.3	16.7	58%	78%

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

TABLE 6A				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	4	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
21	0	34	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
22	0	180	0.00000	0.020%	0.015%	0.0	0.0	0%	0%
23	1	537	0.00186	0.020%	0.015%	0.1	0.1	931%	1241%
24	0	1,069	0.00000	0.020%	0.015%	0.2	0.2	0%	0%
25	1	1,659	0.00060	0.020%	0.015%	0.3	0.2	301%	402%
26	0	2,282	0.00000	0.020%	0.015%	0.5	0.3	0%	0%
27	0	2,881	0.00000	0.020%	0.015%	0.6	0.4	0%	0%
28	0	3,412	0.00000	0.020%	0.015%	0.7	0.5	0%	0%
29	0	3,773	0.00000	0.020%	0.015%	0.8	0.6	0%	0%
30	1	4,067	0.00025	0.020%	0.015%	0.8	0.6	123%	164%
31	0	4,371	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
32	0	4,610	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
33	0	4,721	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
34	1	4,770	0.00021	0.020%	0.015%	1.0	0.7	105%	140%
35	1	4,659	0.00021	0.020%	0.015%	0.9	0.7	107%	143%
36	0	4,569	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
37	3	4,467	0.00067	0.020%	0.015%	0.9	0.7	336%	448%
38	2	4,464	0.00045	0.020%	0.015%	0.9	0.7	224%	299%
39	0	4,454	0.00000	0.020%	0.015%	0.9	0.7	0%	0%
40	1	4,454	0.00022	0.020%	0.015%	0.9	0.7	112%	150%
41	1	4,341	0.00023	0.026%	0.020%	1.1	0.8	89%	118%
42	2	4,161	0.00048	0.032%	0.024%	1.3	1.0	150%	200%
43	0	3,978	0.00000	0.038%	0.029%	1.5	1.1	0%	0%
44	3	3,844	0.00078	0.044%	0.033%	1.7	1.3	177%	236%
45	1	3,799	0.00026	0.050%	0.038%	1.9	1.4	53%	70%
46	4	3,644	0.00110	0.060%	0.045%	2.2	1.6	183%	244%
47	1	3,463	0.00029	0.070%	0.053%	2.4	1.8	41%	55%
48	1	3,204	0.00031	0.080%	0.060%	2.6	1.9	39%	52%
49	1	2,890	0.00035	0.090%	0.068%	2.6	2.0	38%	51%
50	2	2,545	0.00079	0.100%	0.075%	2.5	1.9	79%	105%
51	2	2,221	0.00090	0.120%	0.090%	2.7	2.0	75%	100%
52	3	1,905	0.00157	0.140%	0.105%	2.7	2.0	112%	150%
53	2	1,561	0.00128	0.160%	0.120%	2.5	1.9	80%	107%
54	3	1,277	0.00235	0.180%	0.135%	2.3	1.7	131%	174%
55	1	993	0.00101	0.200%	0.150%	2.0	1.5	50%	67%
56	0	747	0.00000	0.220%	0.165%	1.6	1.2	0%	0%
57	0	575	0.00000	0.240%	0.180%	1.4	1.0	0%	0%
58	0	418	0.00000	0.260%	0.195%	1.1	0.8	0%	0%
59	0	284	0.00000	0.280%	0.210%	0.8	0.6	0%	0%
60	0	200	0.00000	0.300%	0.225%	0.6	0.5	0%	0%
61	0	155	0.00000	0.400%	0.300%	0.6	0.5	0%	0%
62	0	105	0.00000	0.500%	0.375%	0.5	0.4	0%	0%
63	0	0	N/A	0.500%	0.375%	0	0	0%	0%
64	0	0	N/A	0.500%	0.375%	0	0	0%	0%
65	0	0	N/A	0.500%	0.375%	0	0	0%	0%
66	0	0	N/A	0.500%	0.375%	0	0	0%	0%
67	0	0	N/A	0.500%	0.375%	0	0	0%	0%
68	0	0	N/A	0.500%	0.375%	0	0	0%	0%
69	0	0	N/A	0.500%	0.375%	0	0	0%	0%
70	0	0	N/A	0.500%	0.375%	0	0	0%	0%
71	0	0	N/A	0.500%	0.375%	0	0	0%	0%
72	0	0	N/A	0.500%	0.375%	0	0	0%	0%
73	0	0	N/A	0.500%	0.375%	0	0	0%	0%
74	0	0	N/A	0.500%	0.375%	0	0	0%	0%
Total	38	111,747				51.7	38.8	73%	98%

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

TABLE 6A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3) (5)	Proposed (8) / (3) (6)	Expected (7) (7)	Proposed (8) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	1	1,824	0.00055	0.020%	0.015%	0.4	0.3	274%	365%
25-29	1	14,007	0.00007	0.020%	0.015%	2.8	2.1	36%	48%
30-34	2	22,539	0.00009	0.020%	0.015%	4.5	3.4	44%	59%
35-39	6	22,613	0.00027	0.020%	0.015%	4.5	3.4	133%	177%
40-44	7	20,778	0.00034	0.032%	0.024%	6.6	4.9	107%	142%
45-49	8	17,000	0.00047	0.069%	0.052%	11.7	8.8	69%	91%
50-54	12	9,509	0.00126	0.133%	0.100%	12.7	9.5	95%	126%
55-59	1	3,017	0.00033	0.228%	0.171%	6.9	5.2	15%	19%
60-64	0	460	0.00000	0.379%	0.285%	1.7	1.3	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	38	111,747				51.7	38.8	73%	98%

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

Plan Year Ending June 30, (1)	TABLE 6B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	10,892	6	4.6	132%	0.055%	0.042%
2005	11,316	4	4.7	85%	0.035%	0.042%
2006	11,479	3	4.8	62%	0.026%	0.042%
2007	11,607	5	5.0	100%	0.043%	0.043%
2008	11,518	5	5.1	99%	0.043%	0.044%
2009	11,574	2	5.3	38%	0.017%	0.046%
2010	11,445	5	5.4	92%	0.044%	0.047%
2011	11,058	1	5.5	18%	0.009%	0.050%
2012	10,620	3	5.6	54%	0.028%	0.053%
2013	10,240	4	5.8	70%	0.039%	0.056%
Total	111,749	38	51.7	73%	0.034%	0.046%

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

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

TABLE 7A				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	1	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
21	0	1	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
22	0	21	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
23	0	186	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
24	0	467	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
25	0	783	0.0000	0.01%	0.01%	0.1	0.1	0%	0%
26	0	1,062	0.0000	0.01%	0.01%	0.1	0.1	0%	0%
27	0	1,301	0.0000	0.02%	0.02%	0.3	0.2	0%	0%
28	0	1,480	0.0000	0.03%	0.02%	0.4	0.4	0%	0%
29	0	1,668	0.0000	0.04%	0.03%	0.7	0.5	0%	0%
30	1	1,869	0.0005	0.05%	0.04%	0.9	0.7	107%	134%
31	0	1,968	0.0000	0.06%	0.05%	1.2	0.9	0%	0%
32	0	1,951	0.0000	0.07%	0.06%	1.4	1.1	0%	0%
33	0	1,885	0.0000	0.08%	0.06%	1.5	1.2	0%	0%
34	0	1,833	0.0000	0.09%	0.07%	1.6	1.3	0%	0%
35	0	1,821	0.0000	0.10%	0.08%	1.8	1.5	0%	0%
36	0	1,864	0.0000	0.11%	0.09%	2.1	1.6	0%	0%
37	0	1,849	0.0000	0.12%	0.10%	2.2	1.8	0%	0%
38	0	1,794	0.0000	0.13%	0.10%	2.3	1.9	0%	0%
39	0	1,701	0.0000	0.14%	0.11%	2.4	1.9	0%	0%
40	2	1,633	0.0012	0.15%	0.12%	2.4	2.0	82%	102%
41	1	1,529	0.0007	0.16%	0.13%	2.4	2.0	41%	51%
42	0	1,547	0.0000	0.17%	0.14%	2.6	2.1	0%	0%
43	1	1,604	0.0006	0.18%	0.14%	2.9	2.3	35%	43%
44	1	1,590	0.0006	0.19%	0.15%	3.0	2.4	33%	41%
45	0	1,558	0.0000	0.20%	0.16%	3.1	2.5	0%	0%
46	0	1,427	0.0000	0.22%	0.18%	3.1	2.5	0%	0%
47	0	1,281	0.0000	0.24%	0.19%	3.1	2.5	0%	0%
48	0	1,155	0.0000	0.26%	0.21%	3.0	2.4	0%	0%
49	0	1,103	0.0000	0.28%	0.22%	3.1	2.5	0%	0%
50	0	1,051	0.0000	0.30%	0.24%	3.2	2.5	0%	0%
51	0	991	0.0000	0.44%	0.35%	4.4	3.5	0%	0%
52	0	869	0.0000	0.58%	0.46%	5.0	4.0	0%	0%
53	0	706	0.0000	0.72%	0.58%	5.1	4.1	0%	0%
54	0	579	0.0000	0.86%	0.69%	5.0	4.0	0%	0%
55	0	454	0.0000	1.00%	0.80%	4.5	3.6	0%	0%
56	0	339	0.0000	2.00%	1.60%	6.8	5.4	0%	0%
57	0	236	0.0000	3.00%	2.40%	7.1	5.7	0%	0%
58	0	151	0.0000	4.00%	3.20%	6.0	4.8	0%	0%
59	0	106	0.0000	5.00%	4.00%	5.3	4.2	0%	0%
60	1	78	0.0128	6.00%	4.80%	4.7	3.7	21%	27%
61	0	62	0.0000	8.00%	6.40%	5.0	4.0	0%	0%
62	0	41	0.0000	10.00%	8.00%	4.1	3.3	0%	0%
63	0	0	N/A	10.00%	8.00%	0	0	0%	0%
64	0	0	N/A	10.00%	8.00%	0	0	0%	0%
65	0	0	N/A	10.00%	8.00%	0	0	0%	0%
66	0	0	N/A	10.00%	8.00%	0	0	0%	0%
67	0	0	N/A	10.00%	8.00%	0	0	0%	0%
68	0	0	N/A	10.00%	8.00%	0	0	0%	0%
69	0	0	N/A	10.00%	8.00%	0	0	0%	0%
70	0	0	N/A	10.00%	8.00%	0	0	0%	0%
71	0	0	N/A	10.00%	8.00%	0	0	0%	0%
72	0	0	N/A	10.00%	8.00%	0	0	0%	0%
73	0	0	N/A	10.00%	8.00%	0	0	0%	0%
74	0	0	N/A	10.00%	8.00%	0	0	0%	0%
Total	7	45,595				114.0	91.2	6%	8%

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

TABLE 8A

4-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	0	N/A	0.05%	0.16%	0	0	0%	0%
21	0	0	N/A	0.05%	0.16%	0	0	0%	0%
22	0	0	N/A	0.05%	0.16%	0	0	0%	0%
23	0	0	N/A	0.05%	0.16%	0	0	0%	0%
24	0	0	N/A	0.05%	0.16%	0	0	0%	0%
25	0	0	N/A	0.05%	0.16%	0	0	0%	0%
26	0	6	0.0000	0.09%	0.16%	0.0	0.0	0%	0%
27	0	57	0.0000	0.13%	0.16%	0.1	0.1	0%	0%
28	0	129	0.0000	0.17%	0.16%	0.2	0.2	0%	0%
29	0	249	0.0000	0.21%	0.16%	0.5	0.4	0%	0%
30	1	411	0.0024	0.25%	0.16%	1.0	0.7	97%	152%
31	3	513	0.0058	0.40%	0.35%	2.1	1.8	146%	169%
32	5	617	0.0081	0.55%	0.55%	3.4	3.4	147%	146%
33	5	714	0.0070	0.70%	0.77%	5.0	5.5	100%	90%
34	4	828	0.0048	0.85%	1.01%	7.0	8.3	57%	48%
35	11	1,009	0.0109	1.00%	1.25%	10.1	12.7	109%	87%
36	21	1,199	0.0175	1.20%	1.51%	14.4	18.1	146%	116%
37	30	1,341	0.0224	1.40%	1.79%	18.8	23.9	160%	125%
38	35	1,440	0.0243	1.60%	2.07%	23.0	29.8	152%	117%
39	38	1,462	0.0260	1.80%	2.37%	26.3	34.6	144%	110%
40	46	1,501	0.0306	2.00%	2.68%	30.0	40.2	153%	114%
41	44	1,487	0.0296	2.20%	3.00%	32.7	44.6	134%	99%
42	60	1,536	0.0391	2.40%	3.34%	36.9	51.3	163%	117%
43	72	1,597	0.0451	2.60%	3.69%	41.5	58.9	173%	122%
44	59	1,586	0.0372	2.80%	4.05%	44.4	64.2	133%	92%
45	70	1,556	0.0450	3.00%	4.42%	46.7	68.8	150%	102%
46	77	1,426	0.0540	3.40%	4.81%	48.5	68.6	159%	112%
47	74	1,280	0.0578	3.80%	5.21%	48.6	66.7	152%	111%
48	79	1,154	0.0685	4.20%	5.62%	48.5	64.9	163%	122%
49	65	1,102	0.0590	4.60%	6.05%	50.7	66.6	128%	98%
50	71	1,050	0.0676	5.00%	6.49%	52.5	68.1	135%	104%
51	84	990	0.0848	5.60%	6.94%	55.4	68.7	152%	122%
52	82	869	0.0944	6.20%	7.40%	53.9	64.3	152%	127%
53	53	706	0.0751	6.80%	7.88%	48.0	55.6	110%	95%
54	55	579	0.0950	7.40%	8.37%	42.8	48.5	128%	114%
55	50	453	0.1104	8.00%	8.87%	36.2	40.2	138%	124%
56	32	337	0.0950	10.00%	9.60%	33.7	32.4	95%	99%
57	31	234	0.1325	12.00%	9.60%	28.1	22.5	110%	138%
58	17	149	0.1141	15.00%	9.60%	22.4	14.3	76%	119%
59	17	105	0.1619	18.00%	9.60%	18.9	10.1	90%	169%
60	6	78	0.0769	21.00%	9.60%	16.4	7.5	37%	80%
61	12	62	0.1935	25.00%	9.60%	15.5	6.0	77%	202%
62	4	41	0.0976	30.00%	9.60%	12.3	3.9	33%	102%
63	0	0	N/A	30.00%	9.60%	0	0	0%	0%
64	0	0	N/A	30.00%	9.60%	0	0	0%	0%
65	0	0	N/A	30.00%	9.60%	0	0	0%	0%
66	0	0	N/A	30.00%	9.60%	0	0	0%	0%
67	0	0	N/A	30.00%	9.60%	0	0	0%	0%
68	0	0	N/A	30.00%	9.60%	0	0	0%	0%
69	0	0	N/A	30.00%	9.60%	0	0	0%	0%
70	0	0	N/A	30.00%	9.60%	0	0	0%	0%
71	0	0	N/A	30.00%	9.60%	0	0	0%	0%
72	0	0	N/A	30.00%	9.60%	0	0	0%	0%
73	0	0	N/A	30.00%	9.60%	0	0	0%	0%
74	0	0	N/A	30.00%	9.60%	0	0	0%	0%
Total	1,313	29,853				976.6	1,176.3	134%	112%

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

TABLE 7A GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	676	0.0000	0.01%	0.01%	0.1	0.1	0%	0%
25-29	0	6,294	0.0000	0.02%	0.02%	1.6	1.2	0%	0%
30-34	1	9,506	0.0001	0.07%	0.06%	6.6	5.3	15%	19%
35-39	0	9,029	0.0000	0.12%	0.10%	10.8	8.6	0%	0%
40-44	5	7,903	0.0006	0.17%	0.14%	13.4	10.7	37%	47%
45-49	0	6,524	0.0000	0.24%	0.19%	15.4	12.3	0%	0%
50-54	0	4,196	0.0000	0.54%	0.43%	22.6	18.1	0%	0%
55-59	0	1,286	0.0000	2.31%	1.85%	29.7	23.8	0%	0%
60-64	1	181	0.0055	7.59%	6.07%	13.7	11.0	7%	9%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	7	45,595				114.0	91.2	6%	8%

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

TABLE 8A GROUPED

4-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0	0	0%	0%
25-29	0	441	0.0000	0.19%	0.16%	0.8	0.7	0%	0%
30-34	18	3,083	0.0058	0.60%	0.64%	18.5	19.7	97%	91%
35-39	135	6,451	0.0209	1.44%	1.85%	92.6	119.2	146%	113%
40-44	281	7,707	0.0365	2.41%	3.36%	185.5	259.2	151%	108%
45-49	365	6,518	0.0560	3.73%	5.15%	243.0	335.6	150%	109%
50-54	345	4,194	0.0823	6.02%	7.28%	252.7	305.2	137%	113%
55-59	147	1,278	0.1150	10.90%	9.34%	139.3	119.4	106%	123%
60-64	22	181	0.1215	24.41%	9.60%	44.2	17.4	50%	127%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	1,313	29,853				976.6	1,176.3	134%	112%

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

TABLE 7A				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	4	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
21	0	34	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
22	0	180	0.0000	0.01%	0.01%	0.0	0.0	0%	0%
23	0	537	0.0000	0.01%	0.01%	0.1	0.0	0%	0%
24	0	1,063	0.0000	0.01%	0.01%	0.1	0.1	0%	0%
25	0	1,638	0.0000	0.01%	0.01%	0.2	0.1	0%	0%
26	0	2,196	0.0000	0.01%	0.01%	0.2	0.2	0%	0%
27	0	2,611	0.0000	0.02%	0.02%	0.5	0.4	0%	0%
28	0	2,910	0.0000	0.03%	0.02%	0.9	0.7	0%	0%
29	0	3,134	0.0000	0.04%	0.03%	1.3	1.0	0%	0%
30	1	3,382	0.0003	0.05%	0.04%	1.7	1.4	59%	74%
31	0	3,604	0.0000	0.06%	0.05%	2.2	1.7	0%	0%
32	1	3,740	0.0003	0.07%	0.06%	2.6	2.1	38%	48%
33	0	3,757	0.0000	0.08%	0.06%	3.0	2.4	0%	0%
34	1	3,740	0.0003	0.09%	0.07%	3.4	2.7	30%	37%
35	0	3,666	0.0000	0.10%	0.08%	3.7	2.9	0%	0%
36	0	3,670	0.0000	0.11%	0.09%	4.0	3.2	0%	0%
37	0	3,587	0.0000	0.12%	0.10%	4.3	3.4	0%	0%
38	2	3,568	0.0006	0.13%	0.10%	4.6	3.7	43%	54%
39	0	3,585	0.0000	0.14%	0.11%	5.0	4.0	0%	0%
40	2	3,582	0.0006	0.15%	0.12%	5.4	4.3	37%	47%
41	1	3,480	0.0003	0.16%	0.13%	5.6	4.5	18%	22%
42	0	3,366	0.0000	0.17%	0.14%	5.7	4.6	0%	0%
43	2	3,276	0.0006	0.18%	0.14%	5.9	4.7	34%	42%
44	3	3,177	0.0009	0.19%	0.15%	6.0	4.8	50%	62%
45	0	3,131	0.0000	0.20%	0.16%	6.3	5.0	0%	0%
46	1	2,967	0.0003	0.22%	0.18%	6.5	5.2	15%	19%
47	0	2,756	0.0000	0.24%	0.19%	6.6	5.3	0%	0%
48	0	2,512	0.0000	0.26%	0.21%	6.5	5.2	0%	0%
49	0	2,285	0.0000	0.28%	0.22%	6.4	5.1	0%	0%
50	1	2,051	0.0005	0.30%	0.24%	6.2	4.9	16%	20%
51	0	1,784	0.0000	0.44%	0.35%	7.8	6.3	0%	0%
52	1	1,502	0.0007	0.58%	0.46%	8.7	7.0	11%	14%
53	0	1,166	0.0000	0.72%	0.58%	8.4	6.7	0%	0%
54	0	908	0.0000	0.86%	0.69%	7.8	6.2	0%	0%
55	1	697	0.0014	1.00%	0.80%	7.0	5.6	14%	18%
56	0	510	0.0000	2.00%	1.60%	10.2	8.2	0%	0%
57	2	375	0.0053	3.00%	2.40%	11.3	9.0	18%	22%
58	1	269	0.0037	4.00%	3.20%	10.8	8.6	9%	12%
59	0	178	0.0000	5.00%	4.00%	8.9	7.1	0%	0%
60	1	125	0.0080	6.00%	4.80%	7.5	6.0	13%	17%
61	0	106	0.0000	8.00%	6.40%	8.5	6.8	0%	0%
62	1	78	0.0128	10.00%	8.00%	7.8	6.2	13%	16%
63	0	0	N/A	10.00%	8.00%	0	0	0%	0%
64	0	0	N/A	10.00%	8.00%	0	0	0%	0%
65	0	0	N/A	10.00%	8.00%	0	0	0%	0%
66	0	0	N/A	10.00%	8.00%	0	0	0%	0%
67	0	0	N/A	10.00%	8.00%	0	0	0%	0%
68	0	0	N/A	10.00%	8.00%	0	0	0%	0%
69	0	0	N/A	10.00%	8.00%	0	0	0%	0%
70	0	0	N/A	10.00%	8.00%	0	0	0%	0%
71	0	0	N/A	10.00%	8.00%	0	0	0%	0%
72	0	0	N/A	10.00%	8.00%	0	0	0%	0%
73	0	0	N/A	10.00%	8.00%	0	0	0%	0%
74	0	0	N/A	10.00%	8.00%	0	0	0%	0%
Total	22	90,887				209.4	167.5	11%	13%

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

TABLE 8A

8-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	0	N/A	0.05%	0.16%	0	0	0%	0%
21	0	0	N/A	0.05%	0.16%	0	0	0%	0%
22	0	2	0.0000	0.05%	0.16%	0.0	0.0	0%	0%
23	0	52	0.0000	0.05%	0.16%	0.0	0.1	0%	0%
24	0	120	0.0000	0.05%	0.16%	0.1	0.2	0%	0%
25	0	241	0.0000	0.05%	0.16%	0.1	0.4	0%	0%
26	0	391	0.0000	0.09%	0.16%	0.4	0.6	0%	0%
27	2	556	0.0036	0.13%	0.16%	0.7	0.9	277%	225%
28	0	737	0.0000	0.17%	0.16%	1.3	1.2	0%	0%
29	1	966	0.0010	0.21%	0.16%	2.0	1.5	49%	65%
30	5	1,242	0.0040	0.25%	0.16%	3.1	2.0	161%	252%
31	7	1,542	0.0045	0.40%	0.35%	6.2	5.3	113%	131%
32	17	1,864	0.0091	0.55%	0.55%	10.3	10.3	166%	165%
33	17	2,136	0.0080	0.70%	0.77%	15.0	16.5	114%	103%
34	31	2,384	0.0130	0.85%	1.01%	20.3	24.0	153%	129%
35	34	2,612	0.0130	1.00%	1.25%	26.1	32.8	130%	104%
36	53	2,866	0.0185	1.20%	1.51%	34.4	43.4	154%	122%
37	64	3,029	0.0211	1.40%	1.79%	42.4	54.1	151%	118%
38	79	3,197	0.0247	1.60%	2.07%	51.2	66.2	154%	119%
39	93	3,334	0.0279	1.80%	2.37%	60.0	78.9	155%	118%
40	111	3,441	0.0323	2.00%	2.68%	68.8	92.2	161%	120%
41	123	3,430	0.0359	2.20%	3.00%	75.5	103.0	163%	119%
42	149	3,347	0.0445	2.40%	3.34%	80.3	111.7	185%	133%
43	148	3,263	0.0454	2.60%	3.69%	84.8	120.3	174%	123%
44	155	3,170	0.0489	2.80%	4.05%	88.8	128.3	175%	121%
45	179	3,122	0.0573	3.00%	4.42%	93.7	138.1	191%	130%
46	174	2,957	0.0588	3.40%	4.81%	100.5	142.2	173%	122%
47	173	2,751	0.0629	3.80%	5.21%	104.5	143.3	165%	121%
48	184	2,507	0.0734	4.20%	5.62%	105.3	141.0	175%	131%
49	154	2,279	0.0676	4.60%	6.05%	104.8	137.8	147%	112%
50	173	2,045	0.0846	5.00%	6.49%	102.3	132.6	169%	130%
51	162	1,778	0.0911	5.60%	6.94%	99.6	123.4	163%	131%
52	149	1,496	0.0996	6.20%	7.40%	92.8	110.7	161%	135%
53	96	1,161	0.0827	6.80%	7.88%	78.9	91.5	122%	105%
54	97	905	0.1072	7.40%	8.37%	67.0	75.7	145%	128%
55	86	691	0.1245	8.00%	8.87%	55.3	61.3	156%	140%
56	49	506	0.0968	10.00%	9.60%	50.6	48.6	97%	101%
57	47	372	0.1263	12.00%	9.60%	44.6	35.7	105%	132%
58	39	267	0.1461	15.00%	9.60%	40.1	25.6	97%	152%
59	29	177	0.1638	18.00%	9.60%	31.9	17.0	91%	171%
60	12	124	0.0968	21.00%	9.60%	26.0	11.9	46%	101%
61	20	105	0.1905	25.00%	9.60%	26.3	10.1	76%	198%
62	8	77	0.1039	30.00%	9.60%	23.1	7.4	35%	108%
63	0	0	N/A	30.00%	9.60%	0	0	0%	0%
64	0	0	N/A	30.00%	9.60%	0	0	0%	0%
65	0	0	N/A	30.00%	9.60%	0	0	0%	0%
66	0	0	N/A	30.00%	9.60%	0	0	0%	0%
67	0	0	N/A	30.00%	9.60%	0	0	0%	0%
68	0	0	N/A	30.00%	9.60%	0	0	0%	0%
69	0	0	N/A	30.00%	9.60%	0	0	0%	0%
70	0	0	N/A	30.00%	9.60%	0	0	0%	0%
71	0	0	N/A	30.00%	9.60%	0	0	0%	0%
72	0	0	N/A	30.00%	9.60%	0	0	0%	0%
73	0	0	N/A	30.00%	9.60%	0	0	0%	0%
74	0	0	N/A	30.00%	9.60%	0	0	0%	0%
Total	2,920	67,242				1,918.8	2,347.8	152%	124%

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

TABLE 7A GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3) (5)	Proposed (8) / (3) (6)	Expected (7)	Proposed (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	1,818	0.0000	0.01%	0.01%	0.2	0.1	0%	0%
25-29	0	12,489	0.0000	0.02%	0.02%	3.0	2.4	0%	0%
30-34	3	18,223	0.0002	0.07%	0.06%	12.8	10.3	23%	29%
35-39	2	18,076	0.0001	0.12%	0.10%	21.7	17.3	9%	12%
40-44	8	16,881	0.0005	0.17%	0.14%	28.6	22.9	28%	35%
45-49	1	13,651	0.0001	0.24%	0.19%	32.3	25.9	3%	4%
50-54	2	7,411	0.0003	0.53%	0.42%	38.9	31.1	5%	6%
55-59	4	2,029	0.0020	2.37%	1.90%	48.1	38.5	8%	10%
60-64	2	309	0.0065	7.70%	6.16%	23.8	19.0	8%	11%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	22	90,887				209.4	167.5	11%	13%

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

TABLE 8A GROUPED

8-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	174	0.0000	0.05%	0.16%	0.1	0.3	0%	0%
25-29	3	2,891	0.0010	0.15%	0.16%	4.5	4.6	67%	65%
30-34	77	9,168	0.0084	0.60%	0.63%	54.7	58.2	141%	132%
35-39	323	15,038	0.0215	1.42%	1.83%	214.1	275.4	151%	117%
40-44	686	16,651	0.0412	2.39%	3.34%	398.2	555.4	172%	124%
45-49	864	13,616	0.0635	3.74%	5.16%	508.9	702.4	170%	123%
50-54	677	7,385	0.0917	5.96%	7.23%	440.5	533.9	154%	127%
55-59	250	2,013	0.1242	11.05%	9.35%	222.4	188.2	112%	133%
60-64	40	306	0.1307	24.64%	9.60%	75.4	29.4	53%	136%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	2,920	67,242				1,918.8	2,347.8	152%	124%

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

Plan Year Ending June 30, (1)	TABLE 7B Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	10,892	6	23.4	26%	0.06%	0.22%
2005	11,316	2	23.8	8%	0.02%	0.21%
2006	11,479	4	23.7	17%	0.03%	0.21%
2007	11,607	4	24.5	16%	0.03%	0.21%
2008	11,518	4	25.4	16%	0.03%	0.22%
2009	11,574	2	27.4	7%	0.02%	0.24%
2010	11,445	1	29.5	3%	0.01%	0.26%
2011	11,058	1	31.7	3%	0.01%	0.29%
2012	10,620	2	33.9	6%	0.02%	0.32%
2013	10,240	0	37.6	0%	0.00%	0.37%
Total	111,749	26	280.9	9%	0.02%	0.25%

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

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

TABLE 8B

4-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	1	0.0000	0.03%	0.02%	0.0	0.0	0%	0%
21	0	1	0.0000	0.03%	0.02%	0.0	0.0	0%	0%
22	0	21	0.0000	0.03%	0.02%	0.0	0.0	0%	0%
23	0	186	0.0000	0.03%	0.02%	0.1	0.0	0%	0%
24	0	467	0.0000	0.03%	0.02%	0.1	0.1	0%	0%
25	0	783	0.0000	0.03%	0.02%	0.2	0.2	0%	0%
26	0	1,056	0.0000	0.04%	0.02%	0.4	0.2	0%	0%
27	2	1,244	0.0016	0.05%	0.03%	0.6	0.3	322%	595%
28	0	1,351	0.0000	0.07%	0.04%	0.9	0.5	0%	0%
29	0	1,419	0.0000	0.10%	0.06%	1.4	0.8	0%	0%
30	2	1,458	0.0014	0.15%	0.08%	2.2	1.1	91%	176%
31	2	1,455	0.0014	0.24%	0.11%	3.5	1.6	57%	128%
32	1	1,334	0.0007	0.33%	0.14%	4.4	1.9	23%	53%
33	4	1,171	0.0034	0.42%	0.18%	4.9	2.1	81%	187%
34	2	1,005	0.0020	0.51%	0.23%	5.1	2.3	39%	87%
35	2	812	0.0025	0.60%	0.28%	4.9	2.3	41%	87%
36	1	665	0.0015	0.72%	0.34%	4.8	2.3	21%	44%
37	4	508	0.0079	0.85%	0.41%	4.3	2.1	93%	193%
38	1	354	0.0028	0.99%	0.48%	3.5	1.7	29%	59%
39	1	239	0.0042	1.14%	0.56%	2.7	1.3	37%	75%
40	1	132	0.0076	1.30%	0.64%	1.7	0.8	58%	119%
41	0	42	0.0000	1.44%	1.00%	0.6	0.4	0%	0%
42	1	11	0.0909	1.58%	2.00%	0.2	0.2	575%	455%
43	1	7	0.1429	1.72%	3.00%	0.1	0.2	831%	476%
44	0	4	0.0000	1.86%	4.00%	0.1	0.2	0%	0%
45	0	2	0.0000	2.00%	5.00%	0.0	0.1	0%	0%
46	0	1	0.0000	2.30%	6.00%	0.0	0.1	0%	0%
47	0	1	0.0000	2.60%	7.00%	0.0	0.1	0%	0%
48	0	1	0.0000	2.90%	8.00%	0.0	0.1	0%	0%
49	0	1	0.0000	3.20%	9.00%	0.0	0.1	0%	0%
50	0	1	0.0000	3.50%	10.00%	0.0	0.1	0%	0%
51	0	1	0.0000	3.80%	10.00%	0.0	0.1	0%	0%
52	0	0	N/A	4.10%	10.00%	0	0	0%	0%
53	0	0	N/A	4.40%	10.00%	0	0	0%	0%
54	0	0	N/A	4.70%	10.00%	0	0	0%	0%
55	0	1	0.0000	5.00%	10.00%	0.1	0.1	0%	0%
56	0	2	0.0000	7.00%	10.00%	0.1	0.2	0%	0%
57	0	2	0.0000	9.00%	10.00%	0.2	0.2	0%	0%
58	0	2	0.0000	11.00%	10.00%	0.2	0.2	0%	0%
59	0	1	0.0000	13.00%	10.00%	0.1	0.1	0%	0%
60	0	0	N/A	15.00%	10.00%	0	0	0%	0%
61	0	0	N/A	17.00%	10.00%	0	0	0%	0%
62	0	0	N/A	19.00%	10.00%	0	0	0%	0%
63	0	0	N/A	19.00%	10.00%	0	0	0%	0%
64	0	0	N/A	19.00%	10.00%	0	0	0%	0%
65	0	0	N/A	19.00%	10.00%	0	0	0%	0%
66	0	0	N/A	19.00%	10.00%	0	0	0%	0%
67	0	0	N/A	19.00%	10.00%	0	0	0%	0%
68	0	0	N/A	19.00%	10.00%	0	0	0%	0%
69	0	0	N/A	19.00%	10.00%	0	0	0%	0%
70	0	0	N/A	19.00%	10.00%	0	0	0%	0%
71	0	0	N/A	19.00%	10.00%	0	0	0%	0%
72	0	0	N/A	19.00%	10.00%	0	0	0%	0%
73	0	0	N/A	19.00%	10.00%	0	0	0%	0%
74	0	0	N/A	19.00%	10.00%	0	0	0%	0%
Total	25	15,742				47.8	24.1	52%	104%

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

TABLE 8B GROUPED

4-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	676	0.0000	0.03%	0.02%	0.2	0.1	0%	0%
25-29	2	5,853	0.0003	0.06%	0.04%	3.6	2.1	55%	97%
30-34	11	6,423	0.0017	0.31%	0.14%	20.1	9.0	55%	122%
35-39	9	2,578	0.0035	0.78%	0.37%	20.2	9.7	45%	93%
40-44	3	196	0.0153	1.37%	0.94%	2.7	1.9	112%	162%
45-49	0	6	0.0000	2.50%	6.67%	0.2	0.4	0%	0%
50-54	0	2	0.0000	3.65%	10.00%	0.1	0.2	0%	0%
55-59	0	8	0.0000	9.00%	10.00%	0.7	0.8	0%	0%
60-64	0	0	N/A			0	0	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	25	15,742				47.8	24.1	52%	104%

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

TABLE 8B

8-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	4	0.0000	0.03%	0.02%	0.0	0.0	0%	0%
21	0	34	0.0000	0.03%	0.02%	0.0	0.0	0%	0%
22	0	178	0.0000	0.03%	0.02%	0.1	0.0	0%	0%
23	0	485	0.0000	0.03%	0.02%	0.1	0.1	0%	0%
24	0	943	0.0000	0.03%	0.02%	0.3	0.2	0%	0%
25	0	1,397	0.0000	0.03%	0.02%	0.4	0.3	0%	0%
26	0	1,805	0.0000	0.04%	0.02%	0.7	0.4	0%	0%
27	2	2,055	0.0010	0.05%	0.03%	1.0	0.6	195%	360%
28	0	2,173	0.0000	0.07%	0.04%	1.5	0.8	0%	0%
29	0	2,168	0.0000	0.10%	0.06%	2.2	1.2	0%	0%
30	2	2,140	0.0009	0.15%	0.08%	3.2	1.7	62%	120%
31	2	2,062	0.0010	0.24%	0.11%	4.9	2.2	40%	91%
32	2	1,876	0.0011	0.33%	0.14%	6.2	2.7	32%	75%
33	5	1,621	0.0031	0.42%	0.18%	6.8	3.0	73%	169%
34	2	1,356	0.0015	0.51%	0.23%	6.9	3.1	29%	64%
35	2	1,054	0.0019	0.60%	0.28%	6.3	3.0	32%	67%
36	1	804	0.0012	0.72%	0.34%	5.8	2.7	17%	36%
37	4	558	0.0072	0.85%	0.41%	4.7	2.3	84%	176%
38	1	371	0.0027	0.99%	0.48%	3.7	1.8	27%	56%
39	1	251	0.0040	1.14%	0.56%	2.9	1.4	35%	72%
40	1	141	0.0071	1.30%	0.64%	1.8	0.9	55%	111%
41	0	50	0.0000	1.44%	1.00%	0.7	0.5	0%	0%
42	1	19	0.0526	1.58%	2.00%	0.3	0.4	333%	263%
43	1	13	0.0769	1.72%	3.00%	0.2	0.4	447%	256%
44	0	7	0.0000	1.86%	4.00%	0.1	0.3	0%	0%
45	0	9	0.0000	2.00%	5.00%	0.2	0.5	0%	0%
46	1	10	0.1000	2.30%	6.00%	0.2	0.6	435%	167%
47	0	5	0.0000	2.60%	7.00%	0.1	0.4	0%	0%
48	0	5	0.0000	2.90%	8.00%	0.1	0.4	0%	0%
49	0	6	0.0000	3.20%	9.00%	0.2	0.5	0%	0%
50	0	6	0.0000	3.50%	10.00%	0.2	0.6	0%	0%
51	0	6	0.0000	3.80%	10.00%	0.2	0.6	0%	0%
52	1	6	0.1667	4.10%	10.00%	0.2	0.6	407%	167%
53	0	5	0.0000	4.40%	10.00%	0.2	0.5	0%	0%
54	0	3	0.0000	4.70%	10.00%	0.1	0.3	0%	0%
55	0	6	0.0000	5.00%	10.00%	0.3	0.6	0%	0%
56	0	4	0.0000	7.00%	10.00%	0.3	0.4	0%	0%
57	0	3	0.0000	9.00%	10.00%	0.3	0.3	0%	0%
58	0	2	0.0000	11.00%	10.00%	0.2	0.2	0%	0%
59	0	1	0.0000	13.00%	10.00%	0.1	0.1	0%	0%
60	0	1	0.0000	15.00%	10.00%	0.2	0.1	0%	0%
61	0	1	0.0000	17.00%	10.00%	0.2	0.1	0%	0%
62	0	1	0.0000	19.00%	10.00%	0.2	0.1	0%	0%
63	0	0	N/A	19.00%	10.00%	0	0	0%	0%
64	0	0	N/A	19.00%	10.00%	0	0	0%	0%
65	0	0	N/A	19.00%	10.00%	0	0	0%	0%
66	0	0	N/A	19.00%	10.00%	0	0	0%	0%
67	0	0	N/A	19.00%	10.00%	0	0	0%	0%
68	0	0	N/A	19.00%	10.00%	0	0	0%	0%
69	0	0	N/A	19.00%	10.00%	0	0	0%	0%
70	0	0	N/A	19.00%	10.00%	0	0	0%	0%
71	0	0	N/A	19.00%	10.00%	0	0	0%	0%
72	0	0	N/A	19.00%	10.00%	0	0	0%	0%
73	0	0	N/A	19.00%	10.00%	0	0	0%	0%
74	0	0	N/A	19.00%	10.00%	0	0	0%	0%
Total	29	23,645				64.7	36.7	45%	79%

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

TABLE 8B GROUPED

8-YEAR PERIOD ENDING 6/30/2011

Age	Actual	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,644	0.0000	0.03%	0.02%	0.5	0.3	0%	0%
25-29	2	9,598	0.0002	0.06%	0.03%	5.9	3.3	34%	60%
30-34	13	9,055	0.0014	0.31%	0.14%	28.1	12.6	46%	103%
35-39	9	3,038	0.0030	0.77%	0.37%	23.4	11.2	38%	81%
40-44	3	230	0.0130	1.39%	1.07%	3.2	2.4	94%	122%
45-49	1	35	0.0286	2.51%	6.69%	0.9	2.3	114%	43%
50-54	1	26	0.0385	4.02%	10.00%	1.0	2.6	96%	38%
55-59	0	16	0.0000	7.50%	10.00%	1.2	1.6	0%	0%
60-64	0	3	0.0000	17.00%	10.00%	0.5	0.3	0%	0%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Total	29	23,645				64.7	36.7	45%	79%

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

Plan Year Ending June 30, (1)	TABLE 8C Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	10,892	365	237.2	154%	3.35%	2.18%
2005	11,316	439	239.3	183%	3.88%	2.11%
2006	11,479	405	239.9	169%	3.53%	2.09%
2007	11,607	416	243.1	171%	3.58%	2.09%
2008	11,518	378	244.9	154%	3.28%	2.13%
2009	11,574	329	252.0	131%	2.84%	2.18%
2010	11,445	321	259.5	124%	2.80%	2.27%
2011	11,058	323	267.9	121%	2.92%	2.42%
2012	10,620	314	273.8	115%	2.96%	2.58%
2013	10,240	266	285.9	93%	2.60%	2.79%
Total	111,749	3,556	2543.5	140%	3.18%	2.28%

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

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

TABLE 9A4-YEAR PERIOD ENDING 6/30/2013

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	19	\$ 741,706	\$ 927,931	\$ 801,042	314%	25.11%	8.00%
1	433	17,730,643	22,027,885	19,858,320	202%	24.24%	12.00%
2	901	42,080,257	51,015,018	47,550,690	163%	21.23%	13.00%
3	1,415	77,803,879	91,308,505	87,918,383	134%	17.36%	13.00%
4	2,123	134,681,642	178,508,695	200,675,647	66%	32.54%	49.00%
5	2,486	202,602,306	241,388,905	210,706,398	479%	19.14%	4.00%
6	2,655	245,966,360	261,093,652	256,050,981	150%	6.15%	4.10%
7	2,792	262,944,283	277,675,783	273,987,943	133%	5.60%	4.20%
8	2,665	256,184,253	268,325,652	267,200,176	110%	4.74%	4.30%
9	2,350	230,358,307	240,683,337	243,488,730	600%	4.48%	5.70%
10	2,153	211,609,333	223,268,573	221,131,753	122%	5.51%	4.50%
11	1,920	190,692,462	201,209,834	199,464,315	120%	5.52%	4.60%
12	1,701	171,847,073	179,941,814	179,923,885	100%	4.71%	4.70%
13	1,652	169,429,864	177,365,276	177,562,497	98%	4.68%	4.80%
14	1,526	158,095,580	168,134,728	167,739,410	104%	6.35%	6.10%
15	1,405	148,698,267	157,888,266	156,133,180	124%	6.18%	5.00%
16	1,449	156,691,179	165,144,875	164,369,047	110%	5.40%	4.90%
17	1,195	132,799,123	139,207,630	139,173,481	101%	4.83%	4.80%
18	1,149	127,768,884	135,280,467	133,774,022	125%	5.88%	4.70%
19	1,234	138,208,853	148,909,921	146,224,966	133%	7.74%	5.80%
20	993	115,111,242	121,762,016	120,291,248	128%	5.78%	4.50%
21	965	114,550,101	118,298,387	119,590,305	74%	3.27%	4.40%
22	826	97,526,714	100,924,712	101,720,363	81%	3.48%	4.30%
23	661	76,806,615	80,619,563	80,032,493	118%	4.96%	4.20%
24	649	76,744,898	80,763,880	79,891,439	128%	5.24%	4.10%
25	674	80,771,129	84,477,424	84,001,974	115%	4.59%	4.00%
26	664	80,489,115	83,697,092	83,628,190	102%	3.99%	3.90%
27	627	76,305,957	78,955,335	79,205,583	91%	3.47%	3.80%
28	610	74,586,578	77,836,868	77,346,281	118%	4.36%	3.70%
29	463	59,473,504	59,943,818	61,614,550	22%	0.79%	3.60%
30+	1,481	203,782,580	208,921,071	210,914,970	72%	2.52%	3.50%
Total	41,836	4,133,082,687	4,425,506,913	4,391,972,266	113%	7.08%	6.26%

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

TABLE 9A

4-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Proposed Salary EOY	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	19	\$ 741,706	\$ 927,931	\$ 838,128	193%	25.11%	13.00%
1	433	17,730,643	22,027,885	19,858,320	202%	24.24%	12.00%
2	901	42,080,257	51,015,018	47,129,888	177%	21.23%	12.00%
3	1,415	77,803,879	91,308,505	87,140,344	145%	17.36%	12.00%
4	2,123	134,681,642	178,508,695	179,126,584	99%	32.54%	33.00%
5	2,486	202,602,306	241,388,905	211,719,410	425%	19.14%	4.50%
6	2,655	245,966,360	261,093,652	257,034,846	137%	6.15%	4.50%
7	2,792	262,944,283	277,675,783	274,776,776	125%	5.60%	4.50%
8	2,665	256,184,253	268,325,652	267,712,544	105%	4.74%	4.50%
9	2,350	230,358,307	240,683,337	243,028,014	81%	4.48%	5.50%
10	2,153	211,609,333	223,268,573	222,189,800	110%	5.51%	5.00%
11	1,920	190,692,462	201,209,834	200,227,085	110%	5.52%	5.00%
12	1,701	171,847,073	179,941,814	180,439,427	94%	4.71%	5.00%
13	1,652	169,429,864	177,365,276	177,901,357	94%	4.68%	5.00%
14	1,526	158,095,580	168,134,728	167,581,315	106%	6.35%	6.00%
15	1,405	148,698,267	157,888,266	156,133,180	124%	6.18%	5.00%
16	1,449	156,691,179	165,144,875	164,525,738	108%	5.40%	5.00%
17	1,195	132,799,123	139,207,630	139,439,079	97%	4.83%	5.00%
18	1,149	127,768,884	135,280,467	134,157,328	118%	5.88%	5.00%
19	1,234	138,208,853	148,909,921	147,883,473	111%	7.74%	7.00%
20	993	115,111,242	121,762,016	120,866,804	116%	5.78%	5.00%
21	965	114,550,101	118,298,387	120,277,606	65%	3.27%	5.00%
22	826	97,526,714	100,924,712	102,403,050	70%	3.48%	5.00%
23	661	76,806,615	80,619,563	80,646,946	99%	4.96%	5.00%
24	649	76,744,898	80,763,880	80,965,867	95%	5.24%	5.50%
25	674	80,771,129	84,477,424	84,809,685	92%	4.59%	5.00%
26	664	80,489,115	83,697,092	84,513,571	80%	3.99%	5.00%
27	627	76,305,957	78,955,335	79,358,195	87%	3.47%	4.00%
28	610	74,586,578	77,836,868	77,570,041	109%	4.36%	4.00%
29	463	59,473,504	59,943,818	61,852,444	20%	0.79%	4.00%
30+	1,481	203,782,580	208,921,071	210,914,970	72%	2.52%	3.50%
Total	41,836	4,133,082,687	4,425,506,913	4,383,021,816	117%	7.08%	6.05%

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

TABLE 9B4-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Estimated Actual Merit Salary EOY	Expected Merit Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	19	\$ 741,706	\$ 909,228	\$ 778,791	452%	22.59%	5.00%
1	433	17,730,643	21,580,797	19,326,401	241%	21.71%	9.00%
2	901	42,080,257	49,953,941	46,288,283	187%	18.71%	10.00%
3	1,415	77,803,879	89,346,637	85,584,267	148%	14.84%	10.00%
4	2,123	134,681,642	175,112,623	196,635,197	65%	30.02%	46.00%
5	2,486	202,602,306	236,280,175	204,628,329	1662%	16.62%	1.00%
6	2,655	245,966,360	254,891,474	248,671,990	330%	3.63%	1.10%
7	2,792	262,944,283	271,045,497	266,099,614	257%	3.08%	1.20%
8	2,665	256,184,253	261,865,824	259,514,648	171%	2.22%	1.30%
9	2,350	230,358,307	234,874,724	236,577,981	73%	1.96%	2.70%
10	2,153	211,609,333	217,932,726	214,783,473	199%	2.99%	1.50%
11	1,920	190,692,462	196,401,418	193,743,541	187%	2.99%	1.60%
12	1,701	171,847,073	175,608,595	174,768,473	129%	2.19%	1.70%
13	1,652	169,429,864	173,093,008	172,479,602	120%	2.16%	1.80%
14	1,526	158,095,580	164,148,260	162,996,543	123%	3.83%	3.10%
15	1,405	148,698,267	154,138,757	151,672,232	183%	3.66%	2.00%
16	1,449	156,691,179	161,193,820	159,668,311	151%	2.87%	1.90%
17	1,195	132,799,123	135,859,026	135,189,507	128%	2.30%	1.80%
18	1,149	127,768,884	132,058,704	129,940,955	197%	3.36%	1.70%
19	1,234	138,208,853	145,424,908	142,078,701	186%	5.22%	2.80%
20	993	115,111,242	118,859,422	116,837,911	217%	3.26%	1.50%
21	965	114,550,101	115,409,943	116,153,802	54%	0.75%	1.40%
22	826	97,526,714	98,465,522	98,794,561	74%	0.96%	1.30%
23	661	76,806,615	78,682,842	77,728,294	204%	2.44%	1.20%
24	649	76,744,898	78,828,715	77,589,092	247%	2.72%	1.10%
25	674	80,771,129	82,440,735	81,578,840	207%	2.07%	1.00%
26	664	80,489,115	81,667,514	81,213,517	163%	1.46%	0.90%
27	627	76,305,957	77,031,238	76,916,405	119%	0.95%	0.80%
28	610	74,586,578	75,956,126	75,108,684	262%	1.84%	0.70%
29	463	59,473,504	58,444,161	59,830,345	-288%	-1.73%	0.60%
30+	1,481	203,782,580	203,782,580	204,801,493		0.00%	0.50%
Total	41,836	4,133,082,687	4,321,288,936	4,267,979,786	140%	4.55%	3.26%

The rates for expected merit salary increases are based on actual rates of increase for total salary, adjusted for inflation of 2.00%.
Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

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

TABLE 9B

4-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Estimated Actual Merit Salary EOY	Proposed Merit Salary EOY	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	19	\$ 741,706	\$ 909,228	\$ 815,877	226%	22.59%	10.00%
1	433	17,730,643	21,580,797	19,326,401	241%	21.71%	9.00%
2	901	42,080,257	49,953,941	45,867,480	208%	18.71%	9.00%
3	1,415	77,803,879	89,346,637	84,806,228	165%	14.84%	9.00%
4	2,123	134,681,642	175,112,623	175,086,135	100%	30.02%	30.00%
5	2,486	202,602,306	236,280,175	205,641,341	1108%	16.62%	1.50%
6	2,655	245,966,360	254,891,474	249,655,855	242%	3.63%	1.50%
7	2,792	262,944,283	271,045,497	266,888,447	205%	3.08%	1.50%
8	2,665	256,184,253	261,865,824	260,027,017	148%	2.22%	1.50%
9	2,350	230,358,307	234,874,724	236,117,265	78%	1.96%	2.50%
10	2,153	211,609,333	217,932,726	215,841,520	149%	2.99%	2.00%
11	1,920	190,692,462	196,401,418	194,506,311	150%	2.99%	2.00%
12	1,701	171,847,073	175,608,595	175,284,014	109%	2.19%	2.00%
13	1,652	169,429,864	173,093,008	172,818,461	108%	2.16%	2.00%
14	1,526	158,095,580	164,148,260	162,838,447	128%	3.83%	3.00%
15	1,405	148,698,267	154,138,757	151,672,232	183%	3.66%	2.00%
16	1,449	156,691,179	161,193,820	159,825,003	144%	2.87%	2.00%
17	1,195	132,799,123	135,859,026	135,455,105	115%	2.30%	2.00%
18	1,149	127,768,884	132,058,704	130,324,262	168%	3.36%	2.00%
19	1,234	138,208,853	145,424,908	143,737,207	131%	5.22%	4.00%
20	993	115,111,242	118,859,422	117,413,467	163%	3.26%	2.00%
21	965	114,550,101	115,409,943	116,841,103	38%	0.75%	2.00%
22	826	97,526,714	98,465,522	99,477,248	48%	0.96%	2.00%
23	661	76,806,615	78,682,842	78,342,747	122%	2.44%	2.00%
24	649	76,744,898	78,828,715	78,663,520	109%	2.72%	2.50%
25	674	80,771,129	82,440,735	82,386,552	103%	2.07%	2.00%
26	664	80,489,115	81,667,514	82,098,897	73%	1.46%	2.00%
27	627	76,305,957	77,031,238	77,069,017	95%	0.95%	1.00%
28	610	74,586,578	75,956,126	75,332,444	184%	1.84%	1.00%
29	463	59,473,504	58,444,161	60,068,239	-173%	-1.73%	1.00%
30+	1,481	203,782,580	203,782,580	204,801,493		0.00%	0.50%
Total	41,836	4,133,082,687	4,321,288,936	4,259,029,335	149%	4.55%	3.05%

Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

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

TABLE 9A

10-YEAR PERIOD ENDING 6/30/2013

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	2,409	\$ 95,355,662	\$ 114,971,563	\$ 102,984,115	257%	20.57%	8.00%
1	4,519	199,137,448	224,533,973	223,033,942	106%	12.75%	12.00%
2	4,920	239,404,557	268,614,320	270,527,149	94%	12.20%	13.00%
3	5,248	282,550,902	315,506,283	319,282,519	90%	11.66%	13.00%
4	5,787	340,093,274	427,268,667	506,738,978	52%	25.63%	49.00%
5	5,919	423,034,669	501,875,273	439,956,056	466%	18.64%	4.00%
6	5,656	462,307,967	490,124,012	481,262,594	147%	6.02%	4.10%
7	5,441	453,996,251	479,865,859	473,064,094	136%	5.70%	4.20%
8	5,233	440,264,689	464,835,286	459,196,071	130%	5.58%	4.30%
9	4,991	423,414,287	447,235,696	447,548,901	99%	5.63%	5.70%
10	4,637	396,185,507	420,322,551	414,013,855	135%	6.09%	4.50%
11	4,111	357,443,494	377,649,834	373,885,895	123%	5.65%	4.60%
12	3,885	339,796,267	358,950,614	355,766,692	120%	5.64%	4.70%
13	3,987	349,683,596	369,617,760	366,468,409	119%	5.70%	4.80%
14	3,695	327,581,420	349,260,426	347,563,887	108%	6.62%	6.10%
15	3,399	308,563,194	327,397,685	323,991,354	122%	6.10%	5.00%
16	3,319	307,939,877	325,163,885	323,028,931	114%	5.59%	4.90%
17	3,207	297,581,426	315,069,662	311,865,334	122%	5.88%	4.80%
18	3,165	294,026,446	311,598,187	307,845,689	127%	5.98%	4.70%
19	3,019	283,830,547	303,673,546	300,292,719	121%	6.99%	5.80%
20	2,597	248,912,946	264,705,460	260,114,029	141%	6.34%	4.50%
21	2,569	252,143,124	263,802,717	263,237,421	105%	4.62%	4.40%
22	2,455	240,450,271	252,489,583	250,789,633	116%	5.01%	4.30%
23	2,035	202,745,333	212,809,139	211,260,637	118%	4.96%	4.20%
24	1,941	198,130,621	209,073,516	206,253,976	135%	5.52%	4.10%
25	1,787	188,962,226	198,584,505	196,520,715	127%	5.09%	4.00%
26	1,576	173,207,651	181,060,536	179,962,749	116%	4.53%	3.90%
27	1,301	147,932,822	152,928,498	153,554,269	89%	3.38%	3.80%
28	1,025	119,797,996	124,765,913	124,230,522	112%	4.15%	3.70%
29	814	97,993,006	100,220,637	101,520,754	63%	2.27%	3.60%
30+	2,428	311,734,897	321,409,494	322,645,618	89%	3.10%	3.50%
Total	107,075	8,804,202,373	9,475,385,080	9,418,407,506	109%	7.62%	6.98%

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

TABLE 9A

10-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Proposed Salary EOY	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	2,409	\$ 95,355,662	\$ 114,971,563	\$ 107,751,898	158%	20.57%	13.00%
1	4,519	199,137,448	224,533,973	223,033,942	106%	12.75%	12.00%
2	4,920	239,404,557	268,614,320	268,133,104	102%	12.20%	12.00%
3	5,248	282,550,902	315,506,283	316,457,010	97%	11.66%	12.00%
4	5,787	340,093,274	427,268,667	452,324,054	78%	25.63%	33.00%
5	5,919	423,034,669	501,875,273	442,071,229	414%	18.64%	4.50%
6	5,656	462,307,967	490,124,012	483,111,826	134%	6.02%	4.50%
7	5,441	453,996,251	479,865,859	474,426,082	127%	5.70%	4.50%
8	5,233	440,264,689	464,835,286	460,076,600	124%	5.58%	4.50%
9	4,991	423,414,287	447,235,696	446,702,073	102%	5.63%	5.50%
10	4,637	396,185,507	420,322,551	415,994,782	122%	6.09%	5.00%
11	4,111	357,443,494	377,649,834	375,315,669	113%	5.65%	5.00%
12	3,885	339,796,267	358,950,614	356,786,080	113%	5.64%	5.00%
13	3,987	349,683,596	369,617,760	367,167,776	114%	5.70%	5.00%
14	3,695	327,581,420	349,260,426	347,236,305	110%	6.62%	6.00%
15	3,399	308,563,194	327,397,685	323,991,354	122%	6.10%	5.00%
16	3,319	307,939,877	325,163,885	323,336,871	112%	5.59%	5.00%
17	3,207	297,581,426	315,069,662	312,460,497	118%	5.88%	5.00%
18	3,165	294,026,446	311,598,187	308,727,768	120%	5.98%	5.00%
19	3,019	283,830,547	303,673,546	303,698,685	100%	6.99%	7.00%
20	2,597	248,912,946	264,705,460	261,358,593	127%	6.34%	5.00%
21	2,569	252,143,124	263,802,717	264,750,280	92%	4.62%	5.00%
22	2,455	240,450,271	252,489,583	252,472,785	100%	5.01%	5.00%
23	2,035	202,745,333	212,809,139	212,882,600	99%	4.96%	5.00%
24	1,941	198,130,621	209,073,516	209,027,805	100%	5.52%	5.50%
25	1,787	188,962,226	198,584,505	198,410,337	102%	5.09%	5.00%
26	1,576	173,207,651	181,060,536	181,868,034	91%	4.53%	5.00%
27	1,301	147,932,822	152,928,498	153,850,135	84%	3.38%	4.00%
28	1,025	119,797,996	124,765,913	124,589,916	104%	4.15%	4.00%
29	814	97,993,006	100,220,637	101,912,726	57%	2.27%	4.00%
30+	2,428	311,734,897	321,409,494	322,645,618	89%	3.10%	3.50%
Total	107,075	8,804,202,373	9,475,385,080	9,392,572,435	114%	7.62%	6.68%

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

TABLE 9B

10-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Estimated Actual Merit Salary EOY	Expected Merit Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	2,409	\$ 95,355,662	\$ 112,012,229	\$ 100,123,445	349%	17.47%	5.00%
1	4,519	199,137,448	218,353,803	217,059,818	107%	9.65%	9.00%
2	4,920	239,404,557	261,184,473	263,345,013	91%	9.10%	10.00%
3	5,248	282,550,902	306,737,402	310,805,992	86%	8.56%	10.00%
4	5,787	340,093,274	416,713,976	496,536,180	49%	22.53%	46.00%
5	5,919	423,034,669	488,746,522	427,265,016	1553%	15.53%	1.00%
6	5,656	462,307,967	475,776,426	467,393,355	265%	2.91%	1.10%
7	5,441	453,996,251	465,776,224	459,444,206	216%	2.59%	1.20%
8	5,233	440,264,689	451,171,806	445,988,130	191%	2.48%	1.30%
9	4,991	423,414,287	434,095,163	434,846,473	93%	2.52%	2.70%
10	4,637	396,185,507	408,027,055	402,128,290	199%	2.99%	1.50%
11	4,111	357,443,494	366,556,685	363,162,590	159%	2.55%	1.60%
12	3,885	339,796,267	348,405,141	345,572,804	149%	2.53%	1.70%
13	3,987	349,683,596	358,765,437	355,977,901	144%	2.60%	1.80%
14	3,695	327,581,420	339,094,037	337,736,444	113%	3.51%	3.10%
15	3,399	308,563,194	317,821,521	314,734,458	150%	3.00%	2.00%
16	3,319	307,939,877	315,607,065	313,790,735	131%	2.49%	1.90%
17	3,207	297,581,426	305,834,314	302,937,892	154%	2.77%	1.80%
18	3,165	294,026,446	302,473,166	299,024,896	169%	2.87%	1.70%
19	3,019	283,830,547	294,864,952	291,777,802	139%	3.89%	2.80%
20	2,597	248,912,946	256,980,523	252,646,640	216%	3.24%	1.50%
21	2,569	252,143,124	255,977,532	255,673,128	109%	1.52%	1.40%
22	2,455	240,450,271	245,027,283	243,576,125	146%	1.90%	1.30%
23	2,035	202,745,333	206,517,000	205,178,277	155%	1.86%	1.20%
24	1,941	198,130,621	202,924,593	200,310,058	220%	2.42%	1.10%
25	1,787	188,962,226	192,720,120	190,851,848	199%	1.99%	1.00%
26	1,576	173,207,651	175,685,090	174,766,520	159%	1.43%	0.90%
27	1,301	147,932,822	148,337,448	149,116,285	34%	0.27%	0.80%
28	1,025	119,797,996	121,048,019	120,636,582	149%	1.04%	0.70%
29	814	97,993,006	97,179,454	98,580,964	-138%	-0.83%	0.60%
30+	2,428	311,734,897	311,734,897	313,293,571		0.00%	0.50%
Total	107,075	8,804,202,373	9,202,149,357	9,154,281,435	114%	4.52%	3.98%

The rates for expected merit salary increases are based on actual rates of increase for total salary, adjusted for inflation of 2.43%.
Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

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

TABLE 9B

10-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Estimated Actual Merit Salary EOY	Proposed Merit Salary EOY	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	2,409	\$ 95,355,662	\$ 112,012,229	\$ 104,891,228	175%	17.47%	10.00%
1	4,519	199,137,448	218,353,803	217,059,818	107%	9.65%	9.00%
2	4,920	239,404,557	261,184,473	260,950,967	101%	9.10%	9.00%
3	5,248	282,550,902	306,737,402	307,980,483	95%	8.56%	9.00%
4	5,787	340,093,274	416,713,976	442,121,256	75%	22.53%	30.00%
5	5,919	423,034,669	488,746,522	429,380,189	1036%	15.53%	1.50%
6	5,656	462,307,967	475,776,426	469,242,587	194%	2.91%	1.50%
7	5,441	453,996,251	465,776,224	460,806,195	173%	2.59%	1.50%
8	5,233	440,264,689	451,171,806	446,868,659	165%	2.48%	1.50%
9	4,991	423,414,287	434,095,163	433,999,644	101%	2.52%	2.50%
10	4,637	396,185,507	408,027,055	404,109,217	149%	2.99%	2.00%
11	4,111	357,443,494	366,556,685	364,592,364	127%	2.55%	2.00%
12	3,885	339,796,267	348,405,141	346,592,192	127%	2.53%	2.00%
13	3,987	349,683,596	358,765,437	356,677,268	130%	2.60%	2.00%
14	3,695	327,581,420	339,094,037	337,408,863	117%	3.51%	3.00%
15	3,399	308,563,194	317,821,521	314,734,458	150%	3.00%	2.00%
16	3,319	307,939,877	315,607,065	314,098,675	124%	2.49%	2.00%
17	3,207	297,581,426	305,834,314	303,533,055	139%	2.77%	2.00%
18	3,165	294,026,446	302,473,166	299,906,975	144%	2.87%	2.00%
19	3,019	283,830,547	294,864,952	295,183,769	97%	3.89%	4.00%
20	2,597	248,912,946	256,980,523	253,891,205	162%	3.24%	2.00%
21	2,569	252,143,124	255,977,532	257,185,986	76%	1.52%	2.00%
22	2,455	240,450,271	245,027,283	245,259,276	95%	1.90%	2.00%
23	2,035	202,745,333	206,517,000	206,800,240	93%	1.86%	2.00%
24	1,941	198,130,621	202,924,593	203,083,887	97%	2.42%	2.50%
25	1,787	188,962,226	192,720,120	192,741,471	99%	1.99%	2.00%
26	1,576	173,207,651	175,685,090	176,671,804	72%	1.43%	2.00%
27	1,301	147,932,822	148,337,448	149,412,150	27%	0.27%	1.00%
28	1,025	119,797,996	121,048,019	120,995,976	104%	1.04%	1.00%
29	814	97,993,006	97,179,454	98,972,936	-83%	-0.83%	1.00%
30+	2,428	311,734,897	311,734,897	313,293,571		0.00%	0.50%
Total	107,075	8,804,202,373	9,202,149,357	9,128,446,364	123%	4.52%	3.68%

Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

NEW YORK CITY 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 6/30/2013					
		Total Salary BOY (3)	Actual Salary EOY (4)	Expected Salary EOY (5)	Actual / Expected (5)	Increase %	
						Actual (4) / (3)	Expected (5) / (3)
						(6)	(7)
2004	10,337	\$ 648,662,351	\$ 739,034,389	\$ 696,433,972	189%	13.93%	7.36%
2005	10,716	737,351,429	783,613,041	789,551,869	89%	6.27%	7.08%
2006	10,915	772,031,077	812,221,453	831,118,630	68%	5.21%	7.65%
2007	11,070	791,940,201	844,891,254	854,765,621	84%	6.69%	7.93%
2008	11,039	821,153,226	918,114,578	886,858,722	148%	11.81%	8.00%
2009	11,162	899,981,402	952,003,452	967,706,425	77%	5.78%	7.53%
2010	11,059	926,229,845	1,110,985,559	992,824,568	277%	19.95%	7.19%
2011	10,638	1,063,935,711	1,124,268,241	1,132,456,758	88%	5.67%	6.44%
2012	10,257	1,080,790,750	1,105,143,815	1,146,640,448	37%	2.25%	6.09%
2013	9,882	1,062,126,381	1,085,109,298	1,120,050,492	40%	2.16%	5.45%
Total	107,075	8,804,202,373	9,475,385,080	9,418,407,506	109%	7.62%	6.98%

**NEW YORK CITY FIRE DEPARTMENT PENSION FUND
 CONTRACTUAL AND ACTUAL SALARY EXPERIENCE OF ACTIVE MEMBERS
 MEN AND WOMEN**

Plan Year Ending June 30, (1)	10-YEAR PERIOD ENDING 6/30/2013			
	Actual Salary Increase (2)	Contracted Salary Increase (3)	Settled	Total Salary
			Salary Increase (4)	Increase (3) + (4) (5)
2004	10.57%	5.00%	0.00%	5.00%
2005	3.44%	5.00%	0.00%	5.00%
2006	2.83%	3.00%	0.00%	3.00%
2007	1.31%	3.15%	0.00%	3.15%
2008	4.32%	4.00%	0.00%	4.00%
2009	3.61%	4.00%	0.00%	4.00%
2010	17.41%	4.00%	13.10%	17.10%
2011	-1.82%	4.00%	0.00%	4.00%
2012	-0.21%	0.00%	0.00%	0.00%
2013	-0.39%	0.00%	0.00%	0.00%
Average	4.11%			4.53%

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

TABLE 10A

4-YEAR PERIOD ENDING 6/30/2013

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	19	\$ 644,962	\$ 59,205	\$ 96,744	61%	9.18%	15.00%
1	433	15,417,950	1,624,503	2,312,693	70%	10.54%	15.00%
2	897	36,439,790	4,757,814	5,465,968	87%	13.06%	15.00%
3	1,410	67,396,469	10,952,481	10,109,470	108%	16.25%	15.00%
4	2,108	116,225,865	20,606,256	17,433,880	118%	17.73%	15.00%
5	2,479	175,620,222	27,692,028	26,343,033	105%	15.77%	15.00%
6	2,648	213,248,883	39,153,345	31,987,332	122%	18.36%	15.00%
7	2,784	227,904,692	44,753,825	34,185,704	131%	19.64%	15.00%
8	2,657	222,079,223	42,612,506	33,311,883	128%	19.19%	15.00%
9	2,338	199,127,574	38,698,891	29,869,136	130%	19.43%	15.00%
10	2,139	182,552,463	36,072,336	27,382,870	132%	19.76%	15.00%
11	1,909	164,641,903	31,407,085	24,696,285	127%	19.08%	15.00%
12	1,692	148,514,454	28,181,014	22,277,168	127%	18.98%	15.00%
13	1,650	147,132,923	28,987,455	22,069,938	131%	19.70%	15.00%
14	1,514	136,313,613	25,742,670	20,447,042	126%	18.88%	15.00%
15	1,396	128,306,001	23,097,995	19,245,900	120%	18.00%	15.00%
16	1,432	134,388,056	25,724,619	20,158,208	128%	19.14%	15.00%
17	1,175	113,110,744	22,062,373	16,966,612	130%	19.51%	15.00%
18	1,122	106,815,216	21,202,878	17,090,434	124%	19.85%	16.00%
19	1,182	111,633,846	22,355,835	18,977,754	118%	20.03%	17.00%
20	931	89,325,906	17,678,389	16,078,663	110%	19.79%	18.00%
21	901	89,266,129	18,842,596	15,175,242	124%	21.11%	17.00%
22	755	74,591,709	16,164,269	11,934,673	135%	21.67%	16.00%
23	606	59,482,154	12,789,765	8,922,323	143%	21.50%	15.00%
24	577	57,521,836	12,145,466	8,053,057	151%	21.11%	14.00%
25	578	58,222,407	12,290,144	7,568,913	162%	21.11%	13.00%
26	555	56,450,026	12,397,306	6,774,003	183%	21.96%	12.00%
27	518	53,109,550	11,452,051	5,842,051	196%	21.56%	11.00%
28	483	49,550,075	10,742,118	4,955,007	217%	21.68%	10.00%
29	351	37,470,253	8,308,118	3,372,323	246%	22.17%	9.00%
30	285	30,081,631	6,728,467	2,406,530	280%	22.37%	8.00%
31	213	23,197,304	5,204,833	1,623,811	321%	22.44%	7.00%
32	136	15,103,072	3,232,049	906,184	357%	21.40%	6.00%
33	99	11,199,447	2,692,368	559,972	481%	24.04%	5.00%
34	50	5,670,931	1,436,128	283,547	506%	25.32%	5.00%
35	23	2,516,833	455,271	125,842	362%	18.09%	5.00%
36	20	2,152,646	352,274	107,632	327%	16.36%	5.00%
37	14	1,580,577	298,240	79,029	377%	18.87%	5.00%
38	12	1,287,275	307,263	64,364	477%	23.87%	5.00%
39	8	840,714	199,913	42,036	476%	23.78%	5.00%
40	5	525,627	70,277	26,281	267%	13.37%	5.00%
41	3	312,065	35,059	15,603	225%	11.23%	5.00%
42	3	288,487	53,273	14,424	369%	18.47%	5.00%
43	1	123,075	9,306	6,154	151%	7.56%	5.00%
44	0	-	-	-			5.00%
45	0	-	-	-			5.00%
Total	40,111	3,367,384,575	649,630,057	495,365,721	131%	19.29%	14.71%

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

TABLE 10A

4-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Proposed Overtime	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	19	\$ 644,962	\$ 59,205	\$ 109,643	54%	9.18%	17.00%
1	433	15,417,950	1,624,503	2,621,052	62%	10.54%	17.00%
2	897	36,439,790	4,757,814	6,194,764	77%	13.06%	17.00%
3	1,410	67,396,469	10,952,481	11,457,400	96%	16.25%	17.00%
4	2,108	116,225,865	20,606,256	19,758,397	104%	17.73%	17.00%
5	2,479	175,620,222	27,692,028	29,855,438	93%	15.77%	17.00%
6	2,648	213,248,883	39,153,345	36,252,310	108%	18.36%	17.00%
7	2,784	227,904,692	44,753,825	38,743,798	116%	19.64%	17.00%
8	2,657	222,079,223	42,612,506	37,753,468	113%	19.19%	17.00%
9	2,338	199,127,574	38,698,891	33,851,688	114%	19.43%	17.00%
10	2,139	182,552,463	36,072,336	31,033,919	116%	19.76%	17.00%
11	1,909	164,641,903	31,407,085	27,989,123	112%	19.08%	17.00%
12	1,692	148,514,454	28,181,014	25,247,457	112%	18.98%	17.00%
13	1,650	147,132,923	28,987,455	25,012,597	116%	19.70%	17.00%
14	1,514	136,313,613	25,742,670	23,173,314	111%	18.88%	17.00%
15	1,396	128,306,001	23,097,995	21,812,020	106%	18.00%	17.00%
16	1,432	134,388,056	25,724,619	22,845,969	113%	19.14%	17.00%
17	1,175	113,110,744	22,062,373	19,228,827	115%	19.51%	17.00%
18	1,122	106,815,216	21,202,878	18,158,587	117%	19.85%	17.00%
19	1,182	111,633,846	22,355,835	18,977,754	118%	20.03%	17.00%
20	931	89,325,906	17,678,389	15,185,404	116%	19.79%	17.00%
21	901	89,266,129	18,842,596	15,175,242	124%	21.11%	17.00%
22	755	74,591,709	16,164,269	12,680,590	127%	21.67%	17.00%
23	606	59,482,154	12,789,765	10,111,966	126%	21.50%	17.00%
24	577	57,521,836	12,145,466	9,778,712	124%	21.11%	17.00%
25	578	58,222,407	12,290,144	9,897,809	124%	21.11%	17.00%
26	555	56,450,026	12,397,306	9,596,504	129%	21.96%	17.00%
27	518	53,109,550	11,452,051	9,028,624	127%	21.56%	17.00%
28	483	49,550,075	10,742,118	8,423,513	128%	21.68%	17.00%
29	351	37,470,253	8,308,118	6,369,943	130%	22.17%	17.00%
30	285	30,081,631	6,728,467	5,113,877	132%	22.37%	17.00%
31	213	23,197,304	5,204,833	3,943,542	132%	22.44%	17.00%
32	136	15,103,072	3,232,049	2,567,522	126%	21.40%	17.00%
33	99	11,199,447	2,692,368	1,903,906	141%	24.04%	17.00%
34	50	5,670,931	1,436,128	964,058	149%	25.32%	17.00%
35	23	2,516,833	455,271	427,862	106%	18.09%	17.00%
36	20	2,152,646	352,274	365,950	96%	16.36%	17.00%
37	14	1,580,577	298,240	268,698	111%	18.87%	17.00%
38	12	1,287,275	307,263	218,837	140%	23.87%	17.00%
39	8	840,714	199,913	142,921	140%	23.78%	17.00%
40	5	525,627	70,277	89,357	79%	13.37%	17.00%
41	3	312,065	35,059	53,051	66%	11.23%	17.00%
42	3	288,487	53,273	49,043	109%	18.47%	17.00%
43	1	123,075	9,306	20,923	44%	7.56%	17.00%
44	0	-	-	-			17.00%
45	0	-	-	-			17.00%
Total	40,111	3,367,384,575	649,630,057	572,455,378	113%	19.29%	17.00%

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

TABLE 10B

4-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Expected Overtime</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (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	0	-	-	-		0.00%	22.00%
20	54	\$ 4,405,241	\$ 1,399,162	\$ 1,013,205	138%	31.76%	23.00%
21	15	1,313,246	350,264	288,914	121%	26.67%	22.00%
22	22	2,076,381	630,501	436,040	145%	30.37%	21.00%
23	7	666,678	131,712	133,336	99%	19.76%	20.00%
24	9	806,525	139,287	153,240	91%	17.27%	19.00%
25	21	1,831,175	421,777	329,611	128%	23.03%	18.00%
26	21	1,930,916	433,211	308,947	140%	22.44%	16.00%
27	16	1,574,361	417,511	220,411	189%	26.52%	14.00%
28	16	1,524,292	350,302	182,915	192%	22.98%	12.00%
29	21	2,116,167	508,093	232,778	218%	24.01%	11.00%
30	11	1,064,469	215,801	106,447	203%	20.27%	10.00%
31	19	1,998,100	427,800	179,829	238%	21.41%	9.00%
32	5	543,322	142,143	43,466	327%	26.16%	8.00%
33	11	1,112,192	232,546	77,853	299%	20.91%	7.00%
34	4	398,275	141,471	23,896	592%	35.52%	6.00%
35	5	491,750	91,036	29,505	309%	18.51%	6.00%
36	0	-	-	-		0.00%	6.00%
37	2	225,920	30,870	13,555	228%	13.66%	6.00%
38	1	89,817	26,760	5,389	497%	29.79%	6.00%
39	2	249,857	52,933	14,991	353%	21.19%	6.00%
40	1	89,799	24,319	5,388	451%	27.08%	6.00%
41	0	-	-	-		0.00%	6.00%
42	0	-	-	-		0.00%	6.00%
43	0	-	-	-		0.00%	6.00%
44	1	114,386	17,515	6,863	255%	15.31%	6.00%
45	0	-	-	-		0.00%	6.00%
Total	264	24,622,867	6,185,014	3,806,580	162%	25.12%	15.46%

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

TABLE 10B

4-YEAR PERIOD ENDING 6/30/2013

<u>Service</u>	<u>Life Years Exposed</u>	<u>Salary during the Year</u>	<u>Actual Overtime</u>	<u>Proposed Overtime</u>	<u>Actual / Proposed</u>	<u>Increase %</u>	
						<u>Actual %</u>	<u>Proposed %</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-		0.00%	24.00%
1	0	-	-	-		0.00%	24.00%
2	0	-	-	-		0.00%	24.00%
3	0	-	-	-		0.00%	24.00%
4	0	-	-	-		0.00%	24.00%
5	0	-	-	-		0.00%	24.00%
6	0	-	-	-		0.00%	24.00%
7	0	-	-	-		0.00%	24.00%
8	0	-	-	-		0.00%	24.00%
9	0	-	-	-		0.00%	24.00%
10	0	-	-	-		0.00%	24.00%
11	0	-	-	-		0.00%	24.00%
12	0	-	-	-		0.00%	24.00%
13	0	-	-	-		0.00%	24.00%
14	0	-	-	-		0.00%	24.00%
15	0	-	-	-		0.00%	24.00%
16	0	-	-	-		0.00%	24.00%
17	0	-	-	-		0.00%	24.00%
18	0	-	-	-		0.00%	24.00%
19	0	-	-	-		0.00%	24.00%
20	54	\$ 4,405,241	\$ 1,399,162	\$ 1,057,258	132%	31.76%	24.00%
21	15	1,313,246	350,264	315,179	111%	26.67%	24.00%
22	22	2,076,381	630,501	498,331	127%	30.37%	24.00%
23	7	666,678	131,712	160,003	82%	19.76%	24.00%
24	9	806,525	139,287	193,566	72%	17.27%	24.00%
25	21	1,831,175	421,777	439,482	96%	23.03%	24.00%
26	21	1,930,916	433,211	463,420	93%	22.44%	24.00%
27	16	1,574,361	417,511	377,847	110%	26.52%	24.00%
28	16	1,524,292	350,302	365,830	96%	22.98%	24.00%
29	21	2,116,167	508,093	507,880	100%	24.01%	24.00%
30	11	1,064,469	215,801	255,473	84%	20.27%	24.00%
31	19	1,998,100	427,800	479,544	89%	21.41%	24.00%
32	5	543,322	142,143	130,397	109%	26.16%	24.00%
33	11	1,112,192	232,546	266,926	87%	20.91%	24.00%
34	4	398,275	141,471	95,586	148%	35.52%	24.00%
35	5	491,750	91,036	118,020	77%	18.51%	24.00%
36	0	-	-	-		0.00%	24.00%
37	2	225,920	30,870	54,221	57%	13.66%	24.00%
38	1	89,817	26,760	21,556	124%	29.79%	24.00%
39	2	249,857	52,933	59,966	88%	21.19%	24.00%
40	1	89,799	24,319	21,552	113%	27.08%	24.00%
41	0	-	-	-		0.00%	24.00%
42	0	-	-	-		0.00%	24.00%
43	0	-	-	-		0.00%	24.00%
44	1	114,386	17,515	27,453	64%	15.31%	24.00%
45	0	-	-	-		0.00%	24.00%
Total	264	24,622,867	6,185,014	5,909,488	105%	25.12%	24.00%

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

TABLE 10C

4-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Expected Overtime</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (8)
0	0	-	-	-			15.00%
1	0	-	-	-			15.00%
2	0	-	-	-			15.00%
3	0	-	-	-			15.00%
4	0	-	-	-			15.00%
5	4	\$ 231,605	\$ 32,242	\$ 34,741	93%	13.92%	15.00%
6	13	1,029,148	179,382	154,372	116%	17.43%	15.00%
7	18	1,482,527	272,768	222,379	123%	18.40%	15.00%
8	14	1,167,098	210,006	175,065	120%	17.99%	15.00%
9	30	2,520,308	471,441	378,046	125%	18.71%	15.00%
10	38	3,172,885	592,494	475,933	124%	18.67%	15.00%
11	31	2,588,471	538,849	388,271	139%	20.82%	15.00%
12	42	3,671,604	654,349	550,741	119%	17.82%	15.00%
13	56	4,852,357	962,371	727,854	132%	19.83%	15.00%
14	43	3,837,168	746,939	575,575	130%	19.47%	15.00%
15	44	3,778,640	630,229	566,796	111%	16.68%	15.00%
16	62	5,519,317	1,045,430	883,091	118%	18.94%	16.00%
17	50	4,489,174	793,416	763,159	104%	17.67%	17.00%
18	33	2,904,844	617,622	522,872	118%	21.26%	18.00%
19	62	5,231,969	1,120,686	994,074	113%	21.42%	19.00%
20	80	7,119,117	1,643,053	1,423,823	115%	23.08%	20.00%
21	60	5,753,627	1,269,560	1,093,189	116%	22.07%	19.00%
22	63	5,974,391	1,422,128	1,075,390	132%	23.80%	18.00%
23	40	3,782,244	785,197	642,981	122%	20.76%	17.00%
24	42	3,962,248	820,044	633,960	129%	20.70%	16.00%
25	46	4,528,519	1,020,020	679,278	150%	22.52%	15.00%
26	36	3,444,692	797,280	447,810	178%	23.15%	13.00%
27	46	4,734,321	1,053,078	520,775	202%	22.24%	11.00%
28	52	5,246,783	1,082,315	524,678	206%	20.63%	10.00%
29	36	3,821,260	728,188	343,913	212%	19.06%	9.00%
30	32	3,416,479	746,669	273,318	273%	21.85%	8.00%
31	23	2,511,676	495,189	175,817	282%	19.72%	7.00%
32	7	767,732	147,163	46,064	319%	19.17%	6.00%
33	7	756,017	125,018	37,801	331%	16.54%	5.00%
34	6	754,926	163,503	37,746	433%	21.66%	5.00%
35	3	348,096	119,015	17,405	684%	34.19%	5.00%
36	4	517,364	88,110	25,868	341%	17.03%	5.00%
37	2	262,623	22,031	13,131	168%	8.39%	5.00%
38	0	-	-	-			5.00%
39	0	-	-	-			5.00%
40	1	90,626	21,797	4,531	481%	24.05%	5.00%
41	2	280,102	57,124	14,005	408%	20.39%	5.00%
42	1	115,475	33,829	5,774	586%	29.30%	5.00%
43	2	198,366	50,201	9,918	506%	25.31%	5.00%
44	0	-	-	-			5.00%
45	0	-	-	-			5.00%
Total	1,131	104,863,797	21,558,736	15,460,146	139%	20.56%	14.74%

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

TABLE 10C

4-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Proposed Overtime	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	0	-	-	-			20.00%
3	0	-	-	-			20.00%
4	0	-	-	-			20.00%
5	4	\$ 231,605	\$ 32,242	\$ 46,321	70%	13.92%	20.00%
6	13	1,029,148	179,382	205,830	87%	17.43%	20.00%
7	18	1,482,527	272,768	296,505	92%	18.40%	20.00%
8	14	1,167,098	210,006	233,420	90%	17.99%	20.00%
9	30	2,520,308	471,441	504,062	94%	18.71%	20.00%
10	38	3,172,885	592,494	634,577	93%	18.67%	20.00%
11	31	2,588,471	538,849	517,694	104%	20.82%	20.00%
12	42	3,671,604	654,349	734,321	89%	17.82%	20.00%
13	56	4,852,357	962,371	970,471	99%	19.83%	20.00%
14	43	3,837,168	746,939	767,434	97%	19.47%	20.00%
15	44	3,778,640	630,229	755,728	83%	16.68%	20.00%
16	62	5,519,317	1,045,430	1,103,863	95%	18.94%	20.00%
17	50	4,489,174	793,416	897,835	88%	17.67%	20.00%
18	33	2,904,844	617,622	580,969	106%	21.26%	20.00%
19	62	5,231,969	1,120,686	1,046,394	107%	21.42%	20.00%
20	80	7,119,117	1,643,053	1,423,823	115%	23.08%	20.00%
21	60	5,753,627	1,269,560	1,150,725	110%	22.07%	20.00%
22	63	5,974,391	1,422,128	1,194,878	119%	23.80%	20.00%
23	40	3,782,244	785,197	756,449	104%	20.76%	20.00%
24	42	3,962,248	820,044	792,450	103%	20.70%	20.00%
25	46	4,528,519	1,020,020	905,704	113%	22.52%	20.00%
26	36	3,444,692	797,280	688,938	116%	23.15%	20.00%
27	46	4,734,321	1,053,078	946,864	111%	22.24%	20.00%
28	52	5,246,783	1,082,315	1,049,357	103%	20.63%	20.00%
29	36	3,821,260	728,188	764,252	95%	19.06%	20.00%
30	32	3,416,479	746,669	683,296	109%	21.85%	20.00%
31	23	2,511,676	495,189	502,335	99%	19.72%	20.00%
32	7	767,732	147,163	153,546	96%	19.17%	20.00%
33	7	756,017	125,018	151,203	83%	16.54%	20.00%
34	6	754,926	163,503	150,985	108%	21.66%	20.00%
35	3	348,096	119,015	69,619	171%	34.19%	20.00%
36	4	517,364	88,110	103,473	85%	17.03%	20.00%
37	2	262,623	22,031	52,525	42%	8.39%	20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	1	90,626	21,797	18,125	120%	24.05%	20.00%
41	2	280,102	57,124	56,020	102%	20.39%	20.00%
42	1	115,475	33,829	23,095	146%	29.30%	20.00%
43	2	198,366	50,201	39,673	127%	25.31%	20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	1,131	104,863,797	21,558,736	20,972,759	103%	20.56%	20.00%

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

TABLE 10A

10-YEAR PERIOD ENDING 6/30/2013

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	1,808	\$ 62,871,673	\$ 3,164,614	\$ 9,430,751	34%	5.03%	15.00%
1	4,468	171,141,581	21,196,477	25,671,237	83%	12.39%	15.00%
2	4,906	207,411,572	34,037,305	31,111,736	109%	16.41%	15.00%
3	5,229	244,527,160	42,380,070	36,679,074	116%	17.33%	15.00%
4	5,757	293,856,953	53,580,628	44,078,543	122%	18.23%	15.00%
5	5,893	366,028,615	60,373,148	54,904,292	110%	16.49%	15.00%
6	5,635	400,266,990	72,920,953	60,040,049	121%	18.22%	15.00%
7	5,422	393,088,909	76,613,962	58,963,336	130%	19.49%	15.00%
8	5,209	380,900,418	73,749,110	57,135,063	129%	19.36%	15.00%
9	4,967	366,131,023	71,015,611	54,919,654	129%	19.40%	15.00%
10	4,614	342,316,077	67,170,009	51,347,411	131%	19.62%	15.00%
11	4,089	308,755,827	59,219,527	46,313,374	128%	19.18%	15.00%
12	3,867	293,771,675	56,764,665	44,065,751	129%	19.32%	15.00%
13	3,975	303,005,414	60,919,783	45,450,812	134%	20.11%	15.00%
14	3,671	282,591,026	55,069,371	42,388,654	130%	19.49%	15.00%
15	3,374	265,835,172	51,050,552	39,875,276	128%	19.20%	15.00%
16	3,263	262,255,486	53,576,363	39,338,323	136%	20.43%	15.00%
17	3,136	251,376,647	51,911,588	37,706,497	138%	20.65%	15.00%
18	3,079	244,266,383	51,075,782	39,082,621	131%	20.91%	16.00%
19	2,919	231,223,215	50,072,448	39,307,946	127%	21.66%	17.00%
20	2,475	196,671,883	43,373,308	35,400,939	123%	22.05%	18.00%
21	2,414	197,464,650	44,977,171	33,568,990	134%	22.78%	17.00%
22	2,258	184,357,430	41,920,761	29,497,189	142%	22.74%	16.00%
23	1,837	153,128,233	34,489,312	22,969,235	150%	22.52%	15.00%
24	1,670	141,681,530	32,187,571	19,835,414	162%	22.72%	14.00%
25	1,459	127,069,448	28,613,065	16,519,028	173%	22.52%	13.00%
26	1,229	110,567,167	24,354,091	13,268,060	184%	22.03%	12.00%
27	985	91,908,632	20,338,799	10,109,950	201%	22.13%	11.00%
28	748	71,612,964	15,653,372	7,161,296	219%	21.86%	10.00%
29	576	56,573,983	12,457,798	5,091,658	245%	22.02%	9.00%
30	431	42,518,891	9,593,083	3,401,511	282%	22.56%	8.00%
31	289	29,744,927	6,578,742	2,082,145	316%	22.12%	7.00%
32	186	19,414,296	4,288,021	1,164,858	368%	22.09%	6.00%
33	146	15,214,335	3,732,717	760,717	491%	24.53%	5.00%
34	95	9,472,520	2,298,259	473,626	485%	24.26%	5.00%
35	58	5,575,170	1,048,063	278,759	376%	18.80%	5.00%
36	46	4,323,235	795,138	216,162	368%	18.39%	5.00%
37	33	3,137,224	641,320	156,861	409%	20.44%	5.00%
38	26	2,486,812	532,873	124,341	429%	21.43%	5.00%
39	21	2,005,050	435,954	100,252	435%	21.74%	5.00%
40	11	1,018,650	193,747	50,933	380%	19.02%	5.00%
41	6	608,465	110,382	30,423	363%	18.14%	5.00%
42	5	494,884	113,224	24,744	458%	22.88%	5.00%
43	1	123,075	9,306	6,154	151%	7.56%	5.00%
44	0	-	-	-			5.00%
45	0	-	-	-			5.00%
Total	102,286	7,138,795,270	1,394,598,043	1,060,103,645	132%	19.54%	14.85%

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

TABLE 10A

10-YEAR PERIOD ENDING 6/30/2013

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Proposed Overtime (5)	Actual / Proposed (6)	Increase %	
						Actual % (7)	Proposed % (8)
0	1,808	\$ 62,871,673	\$ 3,164,614	\$ 10,688,184	30%	5.03%	17.00%
1	4,468	171,141,581	21,196,477	29,094,069	73%	12.39%	17.00%
2	4,906	207,411,572	34,037,305	35,259,967	97%	16.41%	17.00%
3	5,229	244,527,160	42,380,070	41,569,617	102%	17.33%	17.00%
4	5,757	293,856,953	53,580,628	49,955,682	107%	18.23%	17.00%
5	5,893	366,028,615	60,373,148	62,224,865	97%	16.49%	17.00%
6	5,635	400,266,990	72,920,953	68,045,388	107%	18.22%	17.00%
7	5,422	393,088,909	76,613,962	66,825,114	115%	19.49%	17.00%
8	5,209	380,900,418	73,749,110	64,753,071	114%	19.36%	17.00%
9	4,967	366,131,023	71,015,611	62,242,274	114%	19.40%	17.00%
10	4,614	342,316,077	67,170,009	58,193,733	115%	19.62%	17.00%
11	4,089	308,755,827	59,219,527	52,488,491	113%	19.18%	17.00%
12	3,867	293,771,675	56,764,665	49,941,185	114%	19.32%	17.00%
13	3,975	303,005,414	60,919,783	51,510,920	118%	20.11%	17.00%
14	3,671	282,591,026	55,069,371	48,040,474	115%	19.49%	17.00%
15	3,374	265,835,172	51,050,552	45,191,979	113%	19.20%	17.00%
16	3,263	262,255,486	53,576,363	44,583,433	120%	20.43%	17.00%
17	3,136	251,376,647	51,911,588	42,734,030	121%	20.65%	17.00%
18	3,079	244,266,383	51,075,782	41,525,285	123%	20.91%	17.00%
19	2,919	231,223,215	50,072,448	39,307,946	127%	21.66%	17.00%
20	2,475	196,671,883	43,373,308	33,434,220	130%	22.05%	17.00%
21	2,414	197,464,650	44,977,171	33,568,990	134%	22.78%	17.00%
22	2,258	184,357,430	41,920,761	31,340,763	134%	22.74%	17.00%
23	1,837	153,128,233	34,489,312	26,031,800	132%	22.52%	17.00%
24	1,670	141,681,530	32,187,571	24,085,860	134%	22.72%	17.00%
25	1,459	127,069,448	28,613,065	21,601,806	132%	22.52%	17.00%
26	1,229	110,567,167	24,354,091	18,796,418	130%	22.03%	17.00%
27	985	91,908,632	20,338,799	15,624,468	130%	22.13%	17.00%
28	748	71,612,964	15,653,372	12,174,204	129%	21.86%	17.00%
29	576	56,573,983	12,457,798	9,617,577	130%	22.02%	17.00%
30	431	42,518,891	9,593,083	7,228,211	133%	22.56%	17.00%
31	289	29,744,927	6,578,742	5,056,638	130%	22.12%	17.00%
32	186	19,414,296	4,288,021	3,300,430	130%	22.09%	17.00%
33	146	15,214,335	3,732,717	2,586,437	144%	24.53%	17.00%
34	95	9,472,520	2,298,259	1,610,328	143%	24.26%	17.00%
35	58	5,575,170	1,048,063	947,779	111%	18.80%	17.00%
36	46	4,323,235	795,138	734,950	108%	18.39%	17.00%
37	33	3,137,224	641,320	533,328	120%	20.44%	17.00%
38	26	2,486,812	532,873	422,758	126%	21.43%	17.00%
39	21	2,005,050	435,954	340,858	128%	21.74%	17.00%
40	11	1,018,650	193,747	173,171	112%	19.02%	17.00%
41	6	608,465	110,382	103,439	107%	18.14%	17.00%
42	5	494,884	113,224	84,130	135%	22.88%	17.00%
43	1	123,075	9,306	20,923	44%	7.56%	17.00%
44	0	0	-	-			17.00%
45	0	0	-	-			17.00%
Total	102,286	7,138,795,270	1,394,598,043	1,213,595,196	115%	19.54%	17.00%

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

TABLE 10B

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Expected Overtime</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (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	0	-	-	-			19.00%
17	0	-	-	-			20.00%
18	0	-	-	-			21.00%
19	0	-	-	-			22.00%
20	276	\$ 17,938,408	\$ 6,338,985	\$ 4,125,834	154%	35.34%	23.00%
21	59	4,121,650	1,379,078	906,763	152%	33.46%	22.00%
22	60	4,450,167	1,618,655	934,535	173%	36.37%	21.00%
23	24	1,785,459	481,597	357,092	135%	26.97%	20.00%
24	50	3,602,512	1,047,239	684,477	153%	29.07%	19.00%
25	69	5,356,900	1,501,329	964,242	156%	28.03%	18.00%
26	47	3,703,635	1,120,502	592,582	189%	30.25%	16.00%
27	32	2,797,226	716,174	391,612	183%	25.60%	14.00%
28	23	2,007,903	488,386	240,948	203%	24.32%	12.00%
29	30	2,827,286	615,754	311,001	198%	21.78%	11.00%
30	25	2,104,333	533,700	210,433	254%	25.36%	10.00%
31	24	2,446,502	576,305	220,185	262%	23.56%	9.00%
32	11	1,010,449	276,216	80,836	342%	27.34%	8.00%
33	11	1,112,192	232,546	77,853	299%	20.91%	7.00%
34	4	398,275	141,471	23,896	592%	35.52%	6.00%
35	10	935,285	222,277	56,117	396%	23.77%	6.00%
36	3	226,199	51,532	13,572	380%	22.78%	6.00%
37	5	426,856	92,179	25,611	360%	21.59%	6.00%
38	3	271,565	102,705	16,294	630%	37.82%	6.00%
39	2	249,857	52,933	14,991	353%	21.19%	6.00%
40	2	161,662	48,324	9,700	498%	29.89%	6.00%
41	1	80,284	18,924	4,817	393%	23.57%	6.00%
42	0	-	-	-			6.00%
43	0	-	-	-			6.00%
44	1	114,386	17,515	6,863	255%	15.31%	6.00%
45	0	-	-	-			6.00%
Total	772	58,128,989	17,674,326	10,270,256	172%	30.41%	17.67%

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

TABLE 10B

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Proposed Overtime</u> (5)	<u>Actual / Proposed</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Proposed %</u> (8)
0	0	-	-	-			24.00%
1	0	-	-	-			24.00%
2	0	-	-	-			24.00%
3	0	-	-	-			24.00%
4	0	-	-	-			24.00%
5	0	-	-	-			24.00%
6	0	-	-	-			24.00%
7	0	-	-	-			24.00%
8	0	-	-	-			24.00%
9	0	-	-	-			24.00%
10	0	-	-	-			24.00%
11	0	-	-	-			24.00%
12	0	-	-	-			24.00%
13	0	-	-	-			24.00%
14	0	-	-	-			24.00%
15	0	-	-	-			24.00%
16	0	-	-	-			24.00%
17	0	-	-	-			24.00%
18	0	-	-	-			24.00%
19	0	-	-	-			24.00%
20	276	\$ 17,938,408	\$ 6,338,985	\$ 4,305,218	147%	35.34%	24.00%
21	59	4,121,650	1,379,078	989,196	139%	33.46%	24.00%
22	60	4,450,167	1,618,655	1,068,040	152%	36.37%	24.00%
23	24	1,785,459	481,597	428,510	112%	26.97%	24.00%
24	50	3,602,512	1,047,239	864,603	121%	29.07%	24.00%
25	69	5,356,900	1,501,329	1,285,656	117%	28.03%	24.00%
26	47	3,703,635	1,120,502	888,872	126%	30.25%	24.00%
27	32	2,797,226	716,174	671,334	107%	25.60%	24.00%
28	23	2,007,903	488,386	481,897	101%	24.32%	24.00%
29	30	2,827,286	615,754	678,549	91%	21.78%	24.00%
30	25	2,104,333	533,700	505,040	106%	25.36%	24.00%
31	24	2,446,502	576,305	587,160	98%	23.56%	24.00%
32	11	1,010,449	276,216	242,508	114%	27.34%	24.00%
33	11	1,112,192	232,546	266,926	87%	20.91%	24.00%
34	4	398,275	141,471	95,586	148%	35.52%	24.00%
35	10	935,285	222,277	224,468	99%	23.77%	24.00%
36	3	226,199	51,532	54,288	95%	22.78%	24.00%
37	5	426,856	92,179	102,445	90%	21.59%	24.00%
38	3	271,565	102,705	65,176	158%	37.82%	24.00%
39	2	249,857	52,933	59,966	88%	21.19%	24.00%
40	2	161,662	48,324	38,799	125%	29.89%	24.00%
41	1	80,284	18,924	19,268	98%	23.57%	24.00%
42	0	-	-	-			24.00%
43	0	-	-	-			24.00%
44	1	114,386	17,515	27,453	64%	15.31%	24.00%
45	0	-	-	-			24.00%
Total	772	58,128,989	17,674,326	13,950,957	127%	30.41%	24.00%

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

TABLE 10C

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Expected Overtime</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (8)
0	0	-	-	-			15.00%
1	0	-	-	-			15.00%
2	0	-	-	-			15.00%
3	0	-	-	-			15.00%
4	0	-	-	-			15.00%
5	35	\$ 1,842,870	\$ 315,387	\$ 276,430	114%	17.11%	15.00%
6	43	2,889,880	558,393	433,482	129%	19.32%	15.00%
7	53	3,610,194	705,496	541,529	130%	19.54%	15.00%
8	57	3,787,324	734,745	568,099	129%	19.40%	15.00%
9	82	5,776,551	1,173,261	866,483	135%	20.31%	15.00%
10	107	7,582,849	1,562,481	1,137,427	137%	20.61%	15.00%
11	81	5,823,929	1,239,224	873,589	142%	21.28%	15.00%
12	107	7,946,515	1,596,510	1,191,977	134%	20.09%	15.00%
13	119	9,028,347	1,801,064	1,354,252	133%	19.95%	15.00%
14	119	8,819,926	1,828,489	1,322,989	138%	20.73%	15.00%
15	120	8,801,991	1,602,601	1,320,299	121%	18.21%	15.00%
16	137	10,462,534	2,055,152	1,674,005	123%	19.64%	16.00%
17	122	9,311,989	1,956,224	1,583,038	124%	21.01%	17.00%
18	121	8,924,685	2,380,971	1,606,443	148%	26.68%	18.00%
19	200	14,093,560	3,640,031	2,677,776	136%	25.83%	19.00%
20	353	24,631,158	7,321,909	4,926,232	149%	29.73%	20.00%
21	193	14,740,688	3,705,281	2,800,731	132%	25.14%	19.00%
22	214	16,330,256	4,426,728	2,939,446	151%	27.11%	18.00%
23	159	12,379,882	3,142,822	2,104,580	149%	25.39%	17.00%
24	140	11,206,966	2,717,211	1,793,114	152%	24.25%	16.00%
25	145	12,282,174	3,203,405	1,842,326	174%	26.08%	15.00%
26	110	9,072,806	2,463,934	1,179,465	209%	27.16%	13.00%
27	94	8,551,510	2,220,620	940,666	236%	25.97%	11.00%
28	86	8,028,846	1,927,553	802,885	240%	24.01%	10.00%
29	67	6,345,386	1,420,072	571,085	249%	22.38%	9.00%
30	60	5,711,871	1,253,066	456,950	274%	21.94%	8.00%
31	39	3,770,010	910,859	263,901	345%	24.16%	7.00%
32	17	1,618,991	365,223	97,139	376%	22.56%	6.00%
33	19	1,689,284	463,361	84,464	549%	27.43%	5.00%
34	13	1,377,749	327,389	68,887	475%	23.76%	5.00%
35	9	810,326	252,882	40,516	624%	31.21%	5.00%
36	8	807,912	179,383	40,396	444%	22.20%	5.00%
37	4	444,473	50,476	22,224	227%	11.36%	5.00%
38	5	418,324	111,860	20,916	535%	26.74%	5.00%
39	4	347,210	83,698	17,360	482%	24.11%	5.00%
40	4	368,217	91,190	18,411	495%	24.77%	5.00%
41	5	491,662	127,024	24,583	517%	25.84%	5.00%
42	2	206,944	83,143	10,347	804%	40.18%	5.00%
43	3	302,628	97,401	15,131	644%	32.19%	5.00%
44	0	-	-	-			5.00%
45	0	-	-	-			5.00%
Total	3,256	250,638,414	60,096,519	38,509,575	156%	23.98%	15.36%

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

TABLE 10C

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Proposed Overtime</u> (5)	<u>Actual / Proposed</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Proposed %</u> (8)
0	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	0	-	-	-			20.00%
3	0	-	-	-			20.00%
4	0	-	-	-			20.00%
5	35	\$ 1,842,870	\$ 315,387	\$ 368,574	86%	17.11%	20.00%
6	43	2,889,880	558,393	577,976	97%	19.32%	20.00%
7	53	3,610,194	705,496	722,039	98%	19.54%	20.00%
8	57	3,787,324	734,745	757,465	97%	19.40%	20.00%
9	82	5,776,551	1,173,261	1,155,310	102%	20.31%	20.00%
10	107	7,582,849	1,562,481	1,516,570	103%	20.61%	20.00%
11	81	5,823,929	1,239,224	1,164,786	106%	21.28%	20.00%
12	107	7,946,515	1,596,510	1,589,303	100%	20.09%	20.00%
13	119	9,028,347	1,801,064	1,805,669	100%	19.95%	20.00%
14	119	8,819,926	1,828,489	1,763,985	104%	20.73%	20.00%
15	120	8,801,991	1,602,601	1,760,398	91%	18.21%	20.00%
16	137	10,462,534	2,055,152	2,092,507	98%	19.64%	20.00%
17	122	9,311,989	1,956,224	1,862,398	105%	21.01%	20.00%
18	121	8,924,685	2,380,971	1,784,937	133%	26.68%	20.00%
19	200	14,093,560	3,640,031	2,818,712	129%	25.83%	20.00%
20	353	24,631,158	7,321,909	4,926,232	149%	29.73%	20.00%
21	193	14,740,688	3,705,281	2,948,138	126%	25.14%	20.00%
22	214	16,330,256	4,426,728	3,266,051	136%	27.11%	20.00%
23	159	12,379,882	3,142,822	2,475,976	127%	25.39%	20.00%
24	140	11,206,966	2,717,211	2,241,393	121%	24.25%	20.00%
25	145	12,282,174	3,203,405	2,456,435	130%	26.08%	20.00%
26	110	9,072,806	2,463,934	1,814,561	136%	27.16%	20.00%
27	94	8,551,510	2,220,620	1,710,302	130%	25.97%	20.00%
28	86	8,028,846	1,927,553	1,605,769	120%	24.01%	20.00%
29	67	6,345,386	1,420,072	1,269,077	112%	22.38%	20.00%
30	60	5,711,871	1,253,066	1,142,374	110%	21.94%	20.00%
31	39	3,770,010	910,859	754,002	121%	24.16%	20.00%
32	17	1,618,991	365,223	323,798	113%	22.56%	20.00%
33	19	1,689,284	463,361	337,857	137%	27.43%	20.00%
34	13	1,377,749	327,389	275,550	119%	23.76%	20.00%
35	9	810,326	252,882	162,065	156%	31.21%	20.00%
36	8	807,912	179,383	161,582	111%	22.20%	20.00%
37	4	444,473	50,476	88,895	57%	11.36%	20.00%
38	5	418,324	111,860	83,665	134%	26.74%	20.00%
39	4	347,210	83,698	69,442	121%	24.11%	20.00%
40	4	368,217	91,190	73,643	124%	24.77%	20.00%
41	5	491,662	127,024	98,332	129%	25.84%	20.00%
42	2	206,944	83,143	41,389	201%	40.18%	20.00%
43	3	302,628	97,401	60,526	161%	32.19%	20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	3,256	250,638,414	60,096,519	50,127,683	120%	23.98%	20.00%

**NEW YORK CITY 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 6/30/2013		
		Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual (4) / (3) (7)	Expected (5) / (3) (8)
2004	9,968	\$ 527,263,469	\$ 133,933,546	\$ 79,960,956	167%	25.40%	15.17%
2005	10,173	592,395,712	114,528,120	89,528,653	128%	19.33%	15.11%
2006	10,206	615,471,236	115,689,705	92,537,404	125%	18.80%	15.04%
2007	10,505	638,557,450	137,307,671	95,410,556	144%	21.50%	14.94%
2008	10,611	665,323,558	122,928,547	98,862,277	124%	18.48%	14.86%
2009	10,712	732,399,270	120,580,397	108,438,078	111%	16.46%	14.81%
2010	10,626	755,346,039	113,073,078	111,541,100	101%	14.97%	14.77%
2011	10,207	866,453,712	142,716,271	127,618,094	112%	16.47%	14.73%
2012	9,828	881,344,471	181,116,947	129,528,888	140%	20.55%	14.70%
2013	9,450	864,240,353	212,723,761	126,677,639	168%	24.61%	14.66%
Total	102,286	7,138,795,270	1,394,598,043	1,060,103,645	132%	19.54%	14.85%