

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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		
	Service Retiree Mortality						The proposed assumption is based on actual plan experience. Future mortality improvements will be projected using scale MP-2014. The following NYCERS groups were combined for this study: General, Transit, Sanitation, Corrections, and TBTA.
1A	Men	83%	21	94%	97%	22	
1B	Women	128%	3	99%	104%	2	
1C	Men & Women	86%	23	94%	97%	24	
1D	By Year						
	Disabled Retiree Mortality						The proposed assumption is based on actual plan experience. Future mortality improvements will be projected using scale MP-2014. The following NYCERS groups were combined for this study: General, Transit, Sanitation, Corrections, and TBTA.
2A	Men	108%	5	85%	102%	4	
2B	Women	114%	1	74%	61%	0	
2C	Men & Women	108%	5	84%	97%	4	
2D	By Year						
	Active Member Withdrawals						Actual withdrawals are considerably outpacing the expectations. We recommend a higher assumption.
3A	Men	151%	19	161%	127%	21	
3B	Women	391%	13	301%	243%	11	
3C	Men & Women	203%	32	192%	152%	32	
3D	By Year						
	Active Member Service Retirements						Very small data set, no credibility. Due to limited experience, we recommend using the General group's reduced retirement proposed assumption.
	In 1st Year of Eligibility						
4A	Total	116%	16	74%	74%	9	
4B	Elected	145%	9	74%	74%	5	
4C	Mandated	91%	7	73%	73%	4	
	In 2nd Year of Eligibility						
5A	Total	74%	3	135%	135%	7	
5B	Elected	45%	1	126%	126%	3	
5C	Mandated	84%	3	142%	142%	4	
	After 2nd Year of Eligibility						
6A	Total	80%	15	99%	99%	17	
6B	Elected	127%	6	151%	151%	7	
6C	Mandated	66%	9	77%	77%	9	
6D	By Year						
	Reduced Service Retirements						
7A	Total	390%	14	406%	406%	13	
7B	By Year						

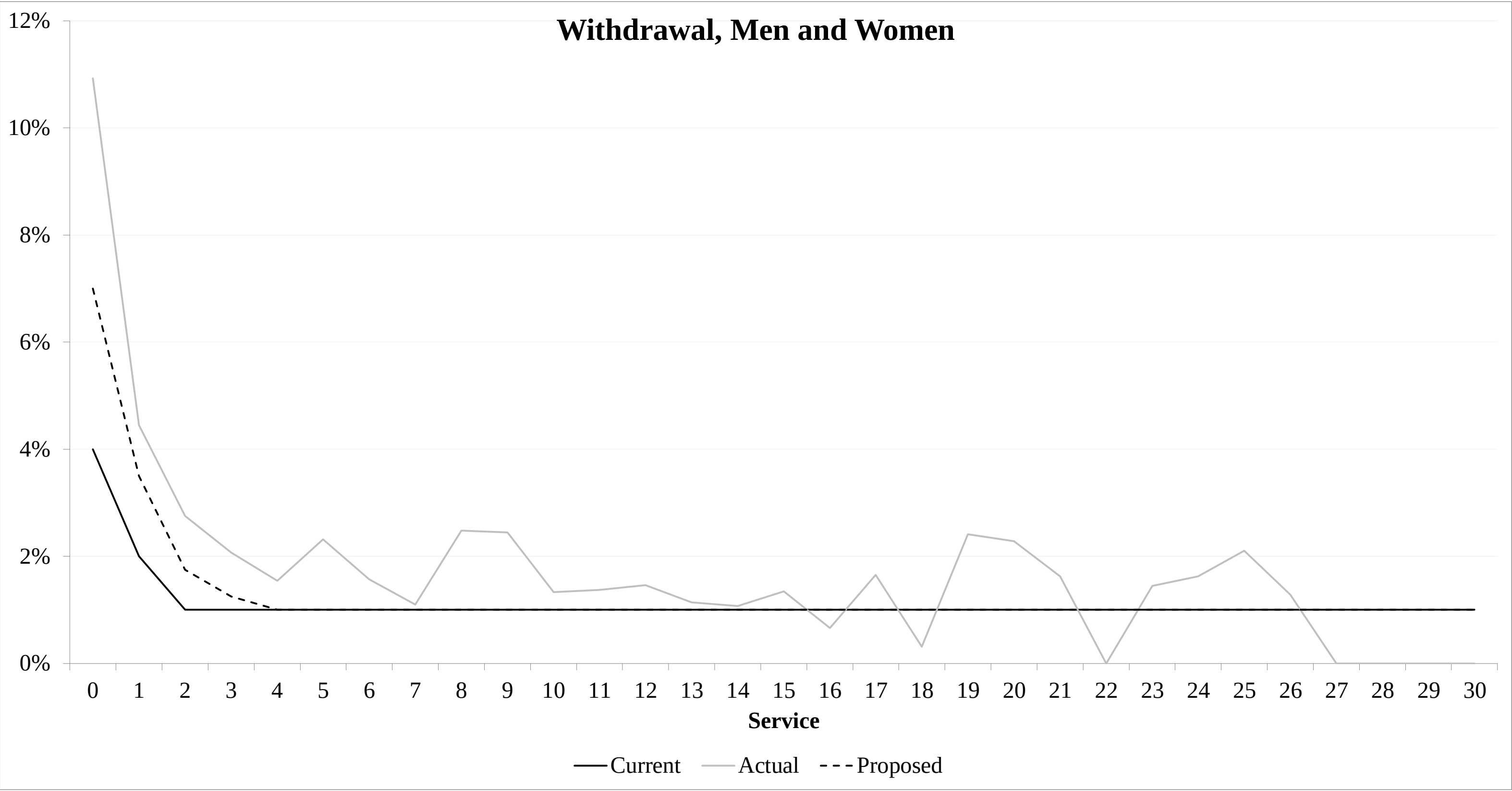
NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
EXPERIENCE STUDY RESULTS
OVERVIEW

		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		
8A	Active Member Ordinary Mortality Men	60%	1	82%	82%	1	Very small data set, no credibility.
8B	Women	112%	0	94%	94%	0	
8C	Men & Women	66%	1	83%	83%	2	
8D	By Year						
9A	Active Member Accidental Mortality	0%	0	0%	0%	0	Very small data set, no credibility.
9B	By Year						
10A	Active Member Ordinary Disability Men	85%	2	105%	105%	3	Very small data set, no credibility.
10B	Women	41%	0	117%	117%	1	
10C	Men & Women	76%	2	107%	107%	3	
10D	By Year						
11A	Active Member Accidental Disability Men	0%	0	40%	73%	0	Very small data set, no credibility.
11B	Women	342%	0	169%	169%	0	
11C	Men & Women	24%	0	49%	85%	1	
11D	By Year						
12A	Salary Increases** Total	Expected 4.70%	Actual 2.78%	Expected 5.23%	Proposed 5.07%	Actual 4.46%	Overall, expected general increases have slightly outpaced experience. Merit increases have been lower than expected.
12B	Merit Only	1.20%	0.72%	1.73%	1.32%	1.10%	
	General Increase over Inflation	1.00%	-1.68%	1.00%	1.25%	1.28%	
12C	By Year						
13A	Overtime Pay** For All Years	Expected 20.00%	Actual 18.64%	Expected 20.00%	Proposed 20.00%	Actual 20.80%	Experience has been close to the Expected assumption. Members are working less Overtime before becoming disabled.
13B	In Year Before Service Retirement	20.00%	17.64%	20.00%	22.00%	27.08%	
13C	In Year Before Disability Retirement	20.00%	12.45%	20.00%	20.00%	14.47%	
13D	By Year						

* 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 EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL ASSUMPTIONS AND EXPERIENCE
FOR THE EIGHT-YEAR PERIOD ENDING 6/30/2011



NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	N/A	0.1597%	0.1800%	0	0	0%	0%
42	0	0	N/A	0.2033%	0.1964%	0	0	0%	0%
43	0	0	N/A	0.2442%	0.2140%	0	0	0%	0%
44	0	0	N/A	0.2825%	0.2329%	0	0	0%	0%
45	0	0	N/A	0.3182%	0.2531%	0	0	0%	0%
46	0	0	N/A	0.3473%	0.2744%	0	0	0%	0%
47	0	0	N/A	0.3729%	0.2968%	0	0	0%	0%
48	0	0	N/A	0.3954%	0.3206%	0	0	0%	0%
49	0	0	N/A	0.4146%	0.3455%	0	0	0%	0%
50	1	7	0.142857	0.4307%	0.3720%	0.0	0.0	3317%	3840%
51	0	22	0.000000	0.4875%	0.4006%	0.1	0.1	0%	0%
52	0	21	0.000000	0.5460%	0.4320%	0.1	0.1	0%	0%
53	0	34	0.000000	0.6110%	0.4669%	0.2	0.2	0%	0%
54	1	49	0.020408	0.6785%	0.5058%	0.3	0.2	301%	403%
55	0	61	0.000000	0.7545%	0.5494%	0.5	0.3	0%	0%
56	0	95	0.000000	0.8125%	0.5983%	0.8	0.6	0%	0%
57	3	115	0.026087	0.8712%	0.6533%	1.0	0.8	299%	399%
58	0	113	0.000000	0.9309%	0.7148%	1.1	0.8	0%	0%
59	1	141	0.007092	0.9834%	0.7836%	1.4	1.1	72%	91%
60	0	149	0.000000	1.0360%	0.8603%	1.5	1.3	0%	0%
61	1	160	0.006250	1.1527%	0.9456%	1.8	1.5	54%	66%
62	4	189	0.021164	1.2582%	1.0393%	2.4	2.0	168%	204%
63	2	189	0.010582	1.3720%	1.1423%	2.6	2.2	77%	93%
64	1	176	0.005682	1.4726%	1.2554%	2.6	2.2	39%	45%
65	3	153	0.019608	1.5702%	1.3799%	2.4	2.1	125%	142%
66	1	131	0.007634	1.7139%	1.5166%	2.2	2.0	45%	50%
67	3	130	0.023077	1.8447%	1.6669%	2.4	2.2	125%	138%
68	2	119	0.016807	1.9597%	1.8320%	2.3	2.2	86%	92%
69	2	108	0.018519	2.0894%	2.0136%	2.3	2.2	89%	92%
70	2	93	0.021505	2.2013%	2.2131%	2.0	2.1	98%	97%
71	1	72	0.013889	2.3984%	2.4324%	1.7	1.8	58%	57%
72	2	64	0.031250	2.5999%	2.6735%	1.7	1.7	120%	117%
73	5	62	0.080645	2.8053%	2.9384%	1.7	1.8	287%	274%
74	0	60	0.000000	3.0149%	3.2295%	1.8	1.9	0%	0%
75	3	65	0.046154	3.2551%	3.5496%	2.1	2.3	142%	130%
76	3	64	0.046875	3.7527%	3.9013%	2.4	2.5	125%	120%
77	0	68	0.000000	4.2954%	4.2879%	2.9	2.9	0%	0%
78	2	64	0.031250	4.8575%	4.7128%	3.1	3.0	64%	66%
79	2	61	0.032787	5.4395%	5.1798%	3.3	3.2	60%	63%
80	2	62	0.032258	6.0416%	5.6931%	3.7	3.5	53%	57%
81	2	58	0.034483	6.6973%	6.2572%	3.9	3.6	51%	55%
82	4	58	0.068966	7.3631%	6.8772%	4.3	4.0	94%	100%
83	2	53	0.037736	7.9745%	7.5587%	4.2	4.0	47%	50%
84	2	50	0.040000	8.6555%	8.3077%	4.3	4.2	46%	48%
85	4	51	0.078431	9.2719%	9.1310%	4.7	4.7	85%	86%
86	4	42	0.095238	10.4648%	10.0358%	4.4	4.2	91%	95%
87	5	38	0.131579	11.7953%	11.0303%	4.5	4.2	112%	119%
88	4	31	0.129032	13.1900%	12.1233%	4.1	3.8	98%	106%
89	3	17	0.176471	14.5331%	13.3246%	2.5	2.3	121%	132%
90	1	12	0.083333	16.0483%	14.6450%	1.9	1.8	52%	57%
91	0	11	0.000000	17.8244%	16.0962%	2.0	1.8	0%	0%
92	1	7	0.142857	19.7255%	17.6912%	1.4	1.2	72%	81%
93	1	8	0.125000	21.4517%	19.4443%	1.7	1.6	58%	64%
94	1	5	0.200000	23.1923%	21.3710%	1.2	1.1	86%	94%
95	2	2	1.000000	25.3168%	23.4887%	0.5	0.5	395%	426%
96	0	0	N/A	27.1711%	25.8163%	0	0	0%	0%
97	0	0	N/A	28.9556%	28.3745%	0	0	0%	0%
98	0	0	N/A	30.9964%	31.1862%	0	0	0%	0%
99	0	0	N/A	32.6018%	34.2765%	0	0	0%	0%
Subtotal	83	3,340				100.2	93.4	83%	89%
100 or more	0	0	N/A	37.1685%	45.5092%	0	0	0%	0%
Total	83	3,340				100.2	93.4	83%	89%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
WOMEN

TABLE 1B				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	0	N/A	0.0783%	0.1485%	0	0	0%	0%
42	0	0	N/A	0.0868%	0.1594%	0	0	0%	0%
43	0	0	N/A	0.0975%	0.1702%	0	0	0%	0%
44	0	0	N/A	0.1105%	0.1810%	0	0	0%	0%
45	0	0	N/A	0.1251%	0.1918%	0	0	0%	0%
46	0	0	N/A	0.1417%	0.2024%	0	0	0%	0%
47	0	0	N/A	0.1603%	0.2130%	0	0	0%	0%
48	0	0	N/A	0.1817%	0.2231%	0	0	0%	0%
49	0	0	N/A	0.2048%	0.2329%	0	0	0%	0%
50	0	0	N/A	0.2307%	0.2471%	0	0	0%	0%
51	0	4	0.000000	0.2622%	0.2656%	0.0	0.0	0%	0%
52	0	4	0.000000	0.2990%	0.2885%	0.0	0.0	0%	0%
53	0	11	0.000000	0.3392%	0.3158%	0.0	0.0	0%	0%
54	0	11	0.000000	0.3835%	0.3474%	0.0	0.0	0%	0%
55	0	12	0.000000	0.4321%	0.3835%	0.1	0.0	0%	0%
56	0	10	0.000000	0.5051%	0.4239%	0.1	0.0	0%	0%
57	1	7	0.142857	0.5811%	0.4687%	0.0	0.0	2458%	3048%
58	0	7	0.000000	0.6577%	0.5178%	0.0	0.0	0%	0%
59	0	9	0.000000	0.7386%	0.5714%	0.1	0.1	0%	0%
60	0	12	0.000000	0.8236%	0.6294%	0.1	0.1	0%	0%
61	1	12	0.083333	0.9145%	0.6918%	0.1	0.1	911%	1205%
62	0	15	0.000000	0.9912%	0.7604%	0.1	0.1	0%	0%
63	0	21	0.000000	1.0664%	0.8357%	0.2	0.2	0%	0%
64	0	18	0.000000	1.1462%	0.9186%	0.2	0.2	0%	0%
65	0	20	0.000000	1.2310%	1.0096%	0.2	0.2	0%	0%
66	0	22	0.000000	1.3217%	1.1097%	0.3	0.2	0%	0%
67	1	23	0.043478	1.4235%	1.2197%	0.3	0.3	305%	356%
68	0	18	0.000000	1.5303%	1.3406%	0.3	0.2	0%	0%
69	0	12	0.000000	1.6051%	1.4735%	0.2	0.2	0%	0%
70	0	10	0.000000	1.6732%	1.6195%	0.2	0.2	0%	0%
71	0	8	0.000000	1.8431%	1.7800%	0.1	0.1	0%	0%
72	0	11	0.000000	2.0222%	1.9565%	0.2	0.2	0%	0%
73	0	12	0.000000	2.1798%	2.1504%	0.3	0.3	0%	0%
74	0	10	0.000000	2.3496%	2.3635%	0.2	0.2	0%	0%
75	1	7	0.142857	2.4953%	2.5978%	0.2	0.2	573%	550%
76	0	4	0.000000	2.8182%	2.8553%	0.1	0.1	0%	0%
77	0	3	0.000000	3.1667%	3.1383%	0.1	0.1	0%	0%
78	1	4	0.250000	3.4923%	3.4494%	0.1	0.1	716%	725%
79	0	3	0.000000	3.8179%	3.7913%	0.1	0.1	0%	0%
80	1	5	0.200000	4.1435%	4.1671%	0.2	0.2	483%	480%
81	0	4	0.000000	4.6586%	4.5802%	0.2	0.2	0%	0%
82	1	5	0.200000	5.1835%	5.0341%	0.3	0.3	386%	397%
83	0	3	0.000000	5.7181%	5.5331%	0.2	0.2	0%	0%
84	0	1	0.000000	6.2626%	6.0816%	0.1	0.1	0%	0%
85	0	1	0.000000	6.8720%	6.6844%	0.1	0.1	0%	0%
86	0	2	0.000000	7.9002%	7.3469%	0.2	0.1	0%	0%
87	1	2	0.500000	8.9443%	8.0752%	0.2	0.2	559%	619%
88	0	1	0.000000	9.9247%	8.8756%	0.1	0.1	0%	0%
89	0	1	0.000000	10.9930%	9.7553%	0.1	0.1	0%	0%
90	0	0	N/A	11.9814%	10.7223%	0	0	0%	0%
91	0	2	0.000000	13.6802%	11.7851%	0.3	0.2	0%	0%
92	0	3	0.000000	15.3234%	12.9532%	0.5	0.4	0%	0%
93	1	4	0.250000	17.0656%	14.2372%	0.7	0.6	146%	176%
94	0	3	0.000000	18.5767%	15.6484%	0.6	0.5	0%	0%
95	1	1	1.000000	20.0298%	17.1994%	0.2	0.2	499%	581%
96	0	0	N/A	21.1824%	18.9042%	0	0	0%	0%
97	0	0	N/A	22.3611%	20.7780%	0	0	0%	0%
98	0	0	N/A	23.0718%	22.8376%	0	0	0%	0%
99	0	0	N/A	23.4718%	25.1012%	0	0	0%	0%
Subtotal	10	358				7.8	7.0	128%	143%
100 or more	0	0	N/A	25.4498%	33.3297%	0	0	0%	0%
Total	10	358				7.8	7.0	128%	143%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN

TABLE 1C				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	0	N/A	0.0000%	0.0000%	0	0	0%	0%
42	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
43	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
44	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
45	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
46	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
47	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
48	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
49	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
50	1	7	0.142857	0.4307%	0.3720%	0.0	0.0	3317%	3840%
51	0	26	0.000000	0.4528%	0.3798%	0.1	0.1	0%	0%
52	0	25	0.000000	0.5065%	0.4090%	0.1	0.1	0%	0%
53	0	45	0.000000	0.5446%	0.4300%	0.2	0.2	0%	0%
54	1	60	0.016667	0.6244%	0.4768%	0.4	0.3	267%	350%
55	0	73	0.000000	0.7015%	0.5221%	0.5	0.4	0%	0%
56	0	105	0.000000	0.7832%	0.5817%	0.8	0.6	0%	0%
57	4	122	0.032787	0.8546%	0.6427%	1.0	0.8	384%	510%
58	0	120	0.000000	0.9150%	0.7033%	1.1	0.8	0%	0%
59	1	150	0.006667	0.9687%	0.7709%	1.5	1.2	69%	86%
60	0	161	0.000000	1.0202%	0.8431%	1.6	1.4	0%	0%
61	2	172	0.011628	1.1361%	0.9279%	2.0	1.6	102%	125%
62	4	204	0.019608	1.2386%	1.0188%	2.5	2.1	158%	192%
63	2	210	0.009524	1.3414%	1.1116%	2.8	2.3	71%	86%
64	1	194	0.005155	1.4423%	1.2242%	2.8	2.4	36%	42%
65	3	173	0.017341	1.5310%	1.3371%	2.6	2.3	113%	130%
66	1	153	0.006536	1.6575%	1.4581%	2.5	2.2	39%	45%
67	4	153	0.026144	1.7814%	1.5996%	2.7	2.4	147%	163%
68	2	137	0.014599	1.9033%	1.7675%	2.6	2.4	77%	83%
69	2	120	0.016667	2.0410%	1.9596%	2.4	2.4	82%	85%
70	2	103	0.019417	2.1500%	2.1555%	2.2	2.2	90%	90%
71	1	80	0.012500	2.3429%	2.3672%	1.9	1.9	53%	53%
72	2	75	0.026667	2.5152%	2.5683%	1.9	1.9	106%	104%
73	5	74	0.067568	2.7039%	2.8106%	2.0	2.1	250%	240%
74	0	70	0.000000	2.9199%	3.1058%	2.0	2.2	0%	0%
75	4	72	0.055556	3.1812%	3.4570%	2.3	2.5	175%	161%
76	3	68	0.044118	3.6977%	3.8398%	2.5	2.6	119%	115%
77	0	71	0.000000	4.2477%	4.2393%	3.0	3.0	0%	0%
78	3	68	0.044118	4.7772%	4.6385%	3.2	3.2	92%	95%
79	2	64	0.031250	5.3635%	5.1147%	3.4	3.3	58%	61%
80	3	67	0.044776	5.9000%	5.5792%	4.0	3.7	76%	80%
81	2	62	0.032258	6.5658%	6.1490%	4.1	3.8	49%	52%
82	5	63	0.079365	7.1901%	6.7310%	4.5	4.2	110%	118%
83	2	56	0.035714	7.8536%	7.4502%	4.4	4.2	45%	48%
84	2	51	0.039216	8.6086%	8.2641%	4.4	4.2	46%	47%
85	4	52	0.076923	9.2257%	9.0839%	4.8	4.7	83%	85%
86	4	44	0.090909	10.3482%	9.9136%	4.6	4.4	88%	92%
87	6	40	0.150000	11.6528%	10.8825%	4.7	4.4	129%	138%
88	4	32	0.125000	13.0880%	12.0218%	4.2	3.8	96%	104%
89	3	18	0.166667	14.3364%	13.1263%	2.6	2.4	116%	127%
90	1	12	0.083333	16.0483%	14.6450%	1.9	1.8	52%	57%
91	0	13	0.000000	17.1868%	15.4329%	2.2	2.0	0%	0%
92	1	10	0.100000	18.4049%	16.2698%	1.8	1.6	54%	61%
93	2	12	0.166667	19.9897%	17.7086%	2.4	2.1	83%	94%
94	1	8	0.125000	21.4615%	19.2250%	1.7	1.5	58%	65%
95	3	3	1.000000	23.5545%	21.3923%	0.7	0.6	425%	467%
96	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
97	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
98	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
99	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Subtotal	93	3,698				108.0	100.3	86%	93%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	93	3,698				108.0	100.3	86%	93%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	N/A			0	0	0%	0%
45-49	0	0	N/A			0	0	0%	0%
50-54	2	133	0.015038	0.5957%	0.4598%	0.8	0.6	252%	327%
55-59	4	525	0.007619	0.8900%	0.6795%	4.7	3.6	86%	112%
60-64	8	863	0.009270	1.2689%	1.0576%	11.0	9.1	73%	88%
65-69	11	641	0.017161	1.8150%	1.6567%	11.6	10.6	95%	104%
70-74	10	351	0.028490	2.5602%	2.6439%	9.0	9.3	111%	108%
75-79	10	322	0.031056	4.3060%	4.3154%	13.9	13.9	72%	72%
80-84	12	281	0.042705	7.2794%	6.8711%	20.5	19.3	59%	62%
85-89	20	179	0.111732	11.2657%	10.6630%	20.2	19.1	99%	105%
90-94	4	43	0.093023	18.9372%	17.1871%	8.1	7.4	49%	54%
95-99	2	2	1.000000	25.3168%	23.4887%	0.5	0.5	395%	426%
100+	0	0	N/A			0	0	0%	0%
Total	83	3,340				100.2	93.4	83%	89%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
WOMEN

TABLE 1B 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	0	N/A			0	0	0%	0%
45-49	0	0	N/A			0	0	0%	0%
50-54	0	30	0.000000	0.3398%	0.3171%	0.1	0.1	0%	0%
55-59	1	45	0.022222	0.5679%	0.4642%	0.3	0.2	391%	479%
60-64	1	78	0.012821	1.0096%	0.7865%	0.8	0.6	127%	163%
65-69	1	95	0.010526	1.4026%	1.2049%	1.3	1.1	75%	87%
70-74	0	51	0.000000	2.0270%	1.9882%	1.0	1.0	0%	0%
75-79	2	21	0.095238	3.0316%	3.0568%	0.6	0.6	314%	312%
80-84	2	18	0.111111	4.9270%	4.8338%	0.9	0.9	226%	230%
85-89	1	7	0.142857	8.7827%	8.0228%	0.6	0.6	163%	178%
90-94	1	12	0.083333	16.4436%	13.8603%	2.0	1.7	51%	60%
95-99	1	1	1.000000	20.0298%	17.1994%	0.2	0.2	499%	581%
100+	0	0	N/A			0	0	0%	0%
Total	10	358				7.8	7.0	128%	143%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN

TABLE 1C 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	0	N/A			0	0	0%	0%
45-49	0	0	N/A			0	0	0%	0%
50-54	2	163	0.012270	0.5486%	0.4335%	0.9	0.7	224%	283%
55-59	5	570	0.008772	0.8646%	0.6625%	4.9	3.8	101%	132%
60-64	9	941	0.009564	1.2474%	1.0352%	11.7	9.7	77%	92%
65-69	12	736	0.016304	1.7618%	1.5984%	13.0	11.8	93%	102%
70-74	10	402	0.024876	2.4925%	2.5607%	10.0	10.3	100%	97%
75-79	12	343	0.034985	4.2280%	4.2384%	14.5	14.5	83%	83%
80-84	14	299	0.046823	7.1378%	6.7484%	21.3	20.2	66%	69%
85-89	21	186	0.112903	11.1723%	10.5636%	20.8	19.6	101%	107%
90-94	5	55	0.090909	18.3932%	16.4613%	10.1	9.1	49%	55%
95-99	3	3	1.000000	23.5545%	21.3923%	0.7	0.6	425%	467%
100+	0	0	N/A			0	0	0%	0%
Total	93	3,698				108.0	100.3	86%	93%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	N/A	0.1641%	0.1954%	0	0	0%	0%
42	0	0	N/A	0.2095%	0.2139%	0	0	0%	0%
43	0	0	N/A	0.2524%	0.2335%	0	0	0%	0%
44	0	0	N/A	0.2930%	0.2539%	0	0	0%	0%
45	0	0	N/A	0.3309%	0.2753%	0	0	0%	0%
46	0	0	N/A	0.3623%	0.2973%	0	0	0%	0%
47	0	0	N/A	0.3902%	0.3200%	0	0	0%	0%
48	0	1	0.000000	0.4150%	0.3435%	0.0	0.0	0%	0%
49	0	1	0.000000	0.4365%	0.3677%	0.0	0.0	0%	0%
50	1	22	0.045455	0.4548%	0.3928%	0.1	0.1	999%	1157%
51	0	78	0.000000	0.5164%	0.4194%	0.4	0.3	0%	0%
52	1	99	0.010101	0.5801%	0.4482%	0.6	0.4	174%	225%
53	0	143	0.000000	0.6492%	0.4800%	0.9	0.7	0%	0%
54	2	171	0.011696	0.7209%	0.5159%	1.2	0.9	162%	227%
55	0	214	0.000000	0.7992%	0.5571%	1.7	1.2	0%	0%
56	0	275	0.000000	0.8580%	0.6045%	2.4	1.7	0%	0%
57	6	308	0.019481	0.9171%	0.6597%	2.8	2.0	212%	295%
58	0	323	0.000000	0.9770%	0.7235%	3.2	2.3	0%	0%
59	2	338	0.005917	1.0322%	0.7969%	3.5	2.7	57%	74%
60	2	333	0.006006	1.0873%	0.8809%	3.6	2.9	55%	68%
61	2	338	0.005917	1.2062%	0.9757%	4.1	3.3	49%	61%
62	6	357	0.016807	1.3166%	1.0811%	4.7	3.9	128%	155%
63	4	339	0.011799	1.4312%	1.1973%	4.9	4.1	82%	99%
64	1	315	0.003175	1.5362%	1.3248%	4.8	4.2	21%	24%
65	5	294	0.017007	1.6380%	1.4644%	4.8	4.3	104%	116%
66	5	261	0.019157	1.7825%	1.6171%	4.7	4.2	107%	118%
67	7	235	0.029787	1.9185%	1.7845%	4.5	4.2	155%	167%
68	4	215	0.018605	2.0444%	1.9673%	4.4	4.2	91%	95%
69	4	211	0.018957	2.1797%	2.1683%	4.6	4.6	87%	87%
70	4	195	0.020513	2.3034%	2.3885%	4.5	4.7	89%	86%
71	5	179	0.027933	2.5097%	2.6303%	4.5	4.7	111%	106%
72	5	169	0.029586	2.7205%	2.8957%	4.6	4.9	109%	102%
73	9	171	0.052632	2.9354%	3.1869%	5.0	5.4	179%	165%
74	2	172	0.011628	3.1547%	3.5059%	5.4	6.0	37%	33%
75	5	176	0.028409	3.3958%	3.8549%	6.0	6.8	84%	74%
76	10	174	0.057471	3.9148%	4.2378%	6.8	7.4	147%	136%
77	5	168	0.029762	4.4674%	4.6563%	7.5	7.8	67%	64%
78	8	162	0.049383	5.0367%	5.1135%	8.2	8.3	98%	97%
79	7	162	0.043210	5.6231%	5.6144%	9.1	9.1	77%	77%
80	9	155	0.058065	6.2265%	6.1638%	9.7	9.6	93%	94%
81	4	141	0.028369	6.8815%	6.7655%	9.7	9.5	41%	42%
82	10	139	0.071942	7.5426%	7.4253%	10.5	10.3	95%	97%
83	6	128	0.046875	8.1690%	8.1494%	10.5	10.4	57%	58%
84	11	117	0.094017	8.8398%	8.9441%	10.3	10.5	106%	105%
85	10	106	0.094340	9.4694%	9.8162%	10.0	10.4	100%	96%
86	9	89	0.101124	10.6877%	10.7724%	9.5	9.6	95%	94%
87	14	78	0.179487	12.0102%	11.8205%	9.4	9.2	149%	152%
88	7	59	0.118644	13.3898%	12.9666%	7.9	7.7	89%	91%
89	9	42	0.214286	14.7533%	14.2195%	6.2	6.0	145%	151%
90	4	30	0.133333	16.2424%	15.5886%	4.9	4.7	82%	86%
91	5	24	0.208333	18.0401%	17.0845%	4.3	4.1	115%	122%
92	4	15	0.266667	19.9041%	18.7143%	3.0	2.8	134%	142%
93	1	10	0.100000	21.6460%	20.4852%	2.2	2.0	46%	49%
94	1	5	0.200000	23.4023%	22.4306%	1.2	1.1	85%	89%
95	2	2	1.000000	25.4693%	24.5733%	0.5	0.5	393%	407%
96	0	0	N/A	27.3348%	26.9426%	0	0	0%	0%
97	0	0	N/A	29.1300%	29.5404%	0	0	0%	0%
98	0	0	N/A	31.0896%	32.3888%	0	0	0%	0%
99	0	0	N/A	32.6998%	35.5155%	0	0	0%	0%
Subtotal	218	7,739				233.1	225.7	94%	97%
100 or more	0	0	N/A	37.1685%	47.0399%	0	0	0%	0%
Total	218	7,739				233.1	225.7	94%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
WOMEN

TABLE 1B				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	0	N/A	0.0819%	0.1596%	0	0	0%	0%
42	0	0	N/A	0.0908%	0.1706%	0	0	0%	0%
43	0	0	N/A	0.1020%	0.1812%	0	0	0%	0%
44	0	0	N/A	0.1156%	0.1914%	0	0	0%	0%
45	0	0	N/A	0.1313%	0.2012%	0	0	0%	0%
46	0	0	N/A	0.1492%	0.2105%	0	0	0%	0%
47	0	0	N/A	0.1693%	0.2194%	0	0	0%	0%
48	0	1	0.000000	0.1919%	0.2277%	0.0	0.0	0%	0%
49	0	1	0.000000	0.2162%	0.2358%	0.0	0.0	0%	0%
50	0	1	0.000000	0.2429%	0.2488%	0.0	0.0	0%	0%
51	0	9	0.000000	0.2752%	0.2666%	0.0	0.0	0%	0%
52	0	10	0.000000	0.3119%	0.2895%	0.0	0.0	0%	0%
53	0	18	0.000000	0.3517%	0.3177%	0.1	0.1	0%	0%
54	0	18	0.000000	0.3952%	0.3513%	0.1	0.1	0%	0%
55	0	20	0.000000	0.4427%	0.3906%	0.1	0.1	0%	0%
56	0	20	0.000000	0.5143%	0.4353%	0.1	0.1	0%	0%
57	1	19	0.052632	0.5899%	0.4857%	0.1	0.1	892%	1084%
58	0	21	0.000000	0.6677%	0.5414%	0.1	0.1	0%	0%
59	0	25	0.000000	0.7498%	0.6025%	0.2	0.2	0%	0%
60	0	31	0.000000	0.8360%	0.6685%	0.3	0.2	0%	0%
61	1	34	0.029412	0.9283%	0.7392%	0.3	0.3	317%	398%
62	0	34	0.000000	1.0063%	0.8160%	0.3	0.3	0%	0%
63	0	41	0.000000	1.0825%	0.8998%	0.4	0.4	0%	0%
64	0	37	0.000000	1.1636%	0.9910%	0.4	0.4	0%	0%
65	0	37	0.000000	1.2496%	1.0901%	0.5	0.4	0%	0%
66	1	39	0.025641	1.3417%	1.1984%	0.5	0.5	191%	214%
67	1	36	0.027778	1.4451%	1.3166%	0.5	0.5	192%	211%
68	0	32	0.000000	1.5535%	1.4461%	0.5	0.5	0%	0%
69	0	26	0.000000	1.6294%	1.5881%	0.4	0.4	0%	0%
70	1	22	0.045455	1.6985%	1.7437%	0.4	0.4	268%	261%
71	0	16	0.000000	1.8767%	1.9146%	0.3	0.3	0%	0%
72	0	17	0.000000	2.0590%	2.1020%	0.4	0.4	0%	0%
73	0	17	0.000000	2.2263%	2.3080%	0.4	0.4	0%	0%
74	0	17	0.000000	2.3996%	2.5337%	0.4	0.4	0%	0%
75	1	14	0.071429	2.5562%	2.7819%	0.4	0.4	279%	257%
76	0	13	0.000000	2.8870%	3.0552%	0.4	0.4	0%	0%
77	0	12	0.000000	3.2341%	3.3563%	0.4	0.4	0%	0%
78	1	11	0.090909	3.5667%	3.6878%	0.4	0.4	255%	247%
79	0	9	0.000000	3.8992%	4.0546%	0.4	0.4	0%	0%
80	2	10	0.200000	4.2318%	4.4584%	0.4	0.4	473%	449%
81	0	8	0.000000	4.7578%	4.9043%	0.4	0.4	0%	0%
82	1	9	0.111111	5.2939%	5.3948%	0.5	0.5	210%	206%
83	0	7	0.000000	5.8399%	5.9362%	0.4	0.4	0%	0%
84	1	6	0.166667	6.3959%	6.5306%	0.4	0.4	261%	255%
85	1	7	0.142857	6.9972%	7.1838%	0.5	0.5	204%	199%
86	0	6	0.000000	8.0199%	7.8991%	0.5	0.5	0%	0%
87	2	7	0.285714	9.0525%	8.6794%	0.6	0.6	316%	329%
88	0	5	0.000000	10.0447%	9.5319%	0.5	0.5	0%	0%
89	0	5	0.000000	11.0925%	10.4649%	0.6	0.5	0%	0%
90	0	4	0.000000	12.0898%	11.4834%	0.5	0.5	0%	0%
91	0	4	0.000000	13.8041%	12.5946%	0.6	0.5	0%	0%
92	0	4	0.000000	15.4621%	13.8048%	0.6	0.6	0%	0%
93	1	4	0.250000	17.1684%	15.1237%	0.7	0.6	146%	165%
94	0	4	0.000000	18.6886%	16.5652%	0.7	0.7	0%	0%
95	1	2	0.500000	20.1504%	18.1442%	0.4	0.4	248%	276%
96	1	1	1.000000	21.3100%	19.8879%	0.2	0.2	469%	503%
97	0	0	N/A	22.4283%	21.7949%	0	0	0%	0%
98	0	0	N/A	23.1412%	23.8896%	0	0	0%	0%
99	0	0	N/A	23.5424%	26.1831%	0	0	0%	0%
Subtotal	17	751				17.2	16.3	99%	104%
100 or more	0	0	N/A	25.4498%	34.6676%	0	0	0%	0%
Total	17	751				17.2	16.3	99%	104%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN

TABLE 1C				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	0	N/A	0.0000%	0.0000%	0	0	0%	0%
42	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
43	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
44	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
45	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
46	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
47	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
48	0	2	0.000000	0.3035%	0.2856%	0.0	0.0	0%	0%
49	0	2	0.000000	0.3264%	0.3018%	0.0	0.0	0%	0%
50	1	23	0.043478	0.4456%	0.3865%	0.1	0.1	976%	1125%
51	0	87	0.000000	0.4914%	0.4036%	0.4	0.4	0%	0%
52	1	109	0.009174	0.5555%	0.4336%	0.6	0.5	165%	212%
53	0	161	0.000000	0.6159%	0.4619%	1.0	0.7	0%	0%
54	2	189	0.010582	0.6899%	0.5002%	1.3	0.9	153%	212%
55	0	234	0.000000	0.7687%	0.5428%	1.8	1.3	0%	0%
56	0	295	0.000000	0.8347%	0.5930%	2.5	1.7	0%	0%
57	7	327	0.021407	0.8981%	0.6496%	2.9	2.1	238%	330%
58	0	344	0.000000	0.9581%	0.7124%	3.3	2.5	0%	0%
59	2	363	0.005510	1.0128%	0.7835%	3.7	2.8	54%	70%
60	2	364	0.005495	1.0659%	0.8628%	3.9	3.1	52%	64%
61	3	372	0.008065	1.1808%	0.9541%	4.4	3.5	68%	85%
62	6	391	0.015345	1.2896%	1.0580%	5.0	4.1	119%	145%
63	4	380	0.010526	1.3936%	1.1652%	5.3	4.4	76%	90%
64	1	352	0.002841	1.4970%	1.2897%	5.3	4.5	19%	22%
65	5	331	0.015106	1.5946%	1.4226%	5.3	4.7	95%	106%
66	6	300	0.020000	1.7252%	1.5627%	5.2	4.7	116%	128%
67	8	271	0.029520	1.8556%	1.7223%	5.0	4.7	159%	171%
68	4	247	0.016194	1.9808%	1.8998%	4.9	4.7	82%	85%
69	4	237	0.016878	2.1193%	2.1046%	5.0	5.0	80%	80%
70	5	217	0.023041	2.2421%	2.3231%	4.9	5.0	103%	99%
71	5	195	0.025641	2.4578%	2.5716%	4.8	5.0	104%	100%
72	5	186	0.026882	2.6600%	2.8231%	4.9	5.3	101%	95%
73	9	188	0.047872	2.8713%	3.1074%	5.4	5.8	167%	154%
74	2	189	0.010582	3.0868%	3.4185%	5.8	6.5	34%	31%
75	6	190	0.031579	3.3339%	3.7759%	6.3	7.2	95%	84%
76	10	187	0.053476	3.8433%	4.1556%	7.2	7.8	139%	129%
77	5	180	0.027778	4.3852%	4.5696%	7.9	8.2	63%	61%
78	9	173	0.052023	4.9432%	5.0228%	8.6	8.7	105%	104%
79	7	171	0.040936	5.5324%	5.5323%	9.5	9.5	74%	74%
80	11	165	0.066667	6.1056%	6.0604%	10.1	10.0	109%	110%
81	4	149	0.026846	6.7675%	6.6656%	10.1	9.9	40%	40%
82	11	148	0.074324	7.4059%	7.3018%	11.0	10.8	100%	102%
83	6	135	0.044444	8.0482%	8.0346%	10.9	10.8	55%	55%
84	12	123	0.097561	8.7206%	8.8263%	10.7	10.9	112%	111%
85	11	113	0.097345	9.3163%	9.6532%	10.5	10.9	104%	101%
86	9	95	0.094737	10.5192%	10.5909%	10.0	10.1	90%	89%
87	16	85	0.188235	11.7666%	11.5618%	10.0	9.8	160%	163%
88	7	64	0.109375	13.1285%	12.6983%	8.4	8.1	83%	86%
89	9	47	0.191489	14.3639%	13.8200%	6.8	6.5	133%	139%
90	4	34	0.117647	15.7539%	15.1057%	5.4	5.1	75%	78%
91	5	28	0.178571	17.4350%	16.4431%	4.9	4.6	102%	109%
92	4	19	0.210526	18.9689%	17.6808%	3.6	3.4	111%	119%
93	2	14	0.142857	20.3667%	18.9533%	2.9	2.7	70%	75%
94	1	9	0.111111	21.3073%	19.8237%	1.9	1.8	52%	56%
95	3	4	0.750000	22.8099%	21.3587%	0.9	0.9	329%	351%
96	1	1	1.000000	21.3100%	19.8879%	0.2	0.2	469%	503%
97	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
98	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
99	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Subtotal	235	8,490				250.3	242.0	94%	97%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	235	8,490				250.3	242.0	94%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	N/A			0	0	0%	0%
45-49	0	2	0.000000	0.4258%	0.3556%	0.0	0.0	0%	0%
50-54	4	513	0.007797	0.6312%	0.4729%	3.2	2.4	124%	165%
55-59	8	1,458	0.005487	0.9286%	0.6802%	13.5	9.9	59%	81%
60-64	15	1,682	0.008918	1.3132%	1.0893%	22.1	18.3	68%	82%
65-69	25	1,216	0.020559	1.8891%	1.7701%	23.0	21.5	109%	116%
70-74	25	886	0.028217	2.7119%	2.9051%	24.0	25.7	104%	97%
75-79	35	842	0.041568	4.4611%	4.6746%	37.6	39.4	93%	89%
80-84	40	680	0.058824	7.4466%	7.3985%	50.6	50.3	79%	80%
85-89	49	374	0.131016	11.5011%	11.4532%	43.0	42.8	114%	114%
90-94	15	84	0.178571	18.4794%	17.5644%	15.5	14.8	97%	102%
95-99	2	2	1.000000	25.4693%	24.5733%	0.5	0.5	393%	407%
100+	0	0	N/A			0	0	0%	0%
Total	218	7,739				233.1	225.7	94%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
WOMEN

TABLE 1B GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Rate		Expected Deaths		Actual/Expected	
				Expected	Proposed	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
				(7) / (3)	(8) / (3)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	0	N/A			0	0	0%	0%
45-49	0	2	0.000000	0.2041%	0.2318%	0.0	0.0	0%	0%
50-54	0	56	0.000000	0.3443%	0.3140%	0.2	0.2	0%	0%
55-59	1	105	0.009524	0.6011%	0.4969%	0.6	0.5	158%	192%
60-64	1	177	0.005650	1.0120%	0.8314%	1.8	1.5	56%	68%
65-69	2	170	0.011765	1.4274%	1.3061%	2.4	2.2	82%	90%
70-74	1	89	0.011236	2.0341%	2.1015%	1.8	1.9	55%	53%
75-79	2	59	0.033898	3.1602%	3.3220%	1.9	2.0	107%	102%
80-84	4	40	0.100000	5.1820%	5.3277%	2.1	2.1	193%	188%
85-89	3	30	0.100000	8.8718%	8.6141%	2.7	2.6	113%	116%
90-94	1	20	0.050000	15.4426%	13.9143%	3.1	2.8	32%	36%
95-99	2	3	0.666667	20.5369%	18.7254%	0.6	0.6	325%	356%
100+	0	0	N/A			0	0	0%	0%
Total	17	751				17.2	16.3	99%	104%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN

TABLE 1C GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Rate		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	0	N/A			0	0	0%	0%
45-49	0	4	0.000000	0.3149%	0.2937%	0.0	0.0	0%	0%
50-54	4	569	0.007030	0.6030%	0.4573%	3.4	2.6	117%	154%
55-59	9	1,563	0.005758	0.9066%	0.6679%	14.2	10.4	64%	86%
60-64	16	1,859	0.008607	1.2846%	1.0648%	23.9	19.8	67%	81%
65-69	27	1,386	0.019481	1.8325%	1.7132%	25.4	23.7	106%	114%
70-74	26	975	0.026667	2.6500%	2.8318%	25.8	27.6	101%	94%
75-79	37	901	0.041065	4.3759%	4.5860%	39.4	41.3	94%	90%
80-84	44	720	0.061111	7.3208%	7.2835%	52.7	52.4	83%	84%
85-89	52	404	0.128713	11.3058%	11.2424%	45.7	45.4	114%	114%
90-94	16	104	0.153846	17.8954%	16.8624%	18.6	17.5	86%	91%
95-99	4	5	0.800000	22.5099%	21.0646%	1.1	1.1	355%	380%
100+	0	0	N/A			0	0	0%	0%
Total	235	8,490				250.3	242.0	94%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN AND WOMEN

Plan Year Ending June 30, (1)	TABLE 1D 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)
2002	724	26	17.7	147%	3.5912%	2.4380%
2003	767	25	18.5	135%	3.2595%	2.4100%
2004	775	21	18.9	111%	2.7097%	2.4429%
2005	823	27	20.1	134%	3.2807%	2.4452%
2006	840	24	20.8	115%	2.8571%	2.4797%
2007	863	19	21.4	89%	2.2016%	2.4813%
2008	881	25	22.2	113%	2.8377%	2.5186%
2009	902	18	22.8	79%	1.9956%	2.5268%
2010	938	24	24.1	99%	2.5586%	2.5730%
2011	977	26	25.7	101%	2.6612%	2.6341%
Total	8,490	235	212.3	111%	2.7680%	2.5004%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	0	N/A	1.4444%	0.4277%	0	0	0%	0%
42	0	2	0.000000	1.4841%	0.5537%	0.0	0.0	0%	0%
43	0	2	0.000000	1.5246%	0.6796%	0.0	0.0	0%	0%
44	0	3	0.000000	1.5660%	0.8055%	0.0	0.0	0%	0%
45	0	4	0.000000	1.6079%	0.9315%	0.1	0.0	0%	0%
46	0	4	0.000000	1.6532%	1.0574%	0.1	0.0	0%	0%
47	0	6	0.000000	1.6979%	1.1833%	0.1	0.1	0%	0%
48	0	7	0.000000	1.7687%	1.2873%	0.1	0.1	0%	0%
49	0	9	0.000000	1.8401%	1.3912%	0.2	0.1	0%	0%
50	0	13	0.000000	1.9120%	1.4952%	0.2	0.2	0%	0%
51	0	12	0.000000	2.0266%	1.5992%	0.2	0.2	0%	0%
52	2	15	0.133333	2.1447%	1.7031%	0.3	0.3	622%	783%
53	0	10	0.000000	2.2867%	1.7916%	0.2	0.2	0%	0%
54	0	8	0.000000	2.4343%	1.8801%	0.2	0.2	0%	0%
55	0	13	0.000000	2.6085%	1.9686%	0.3	0.3	0%	0%
56	1	12	0.083333	2.6895%	2.0571%	0.3	0.2	310%	405%
57	0	15	0.000000	2.7715%	2.1456%	0.4	0.3	0%	0%
58	2	16	0.125000	2.8551%	2.2383%	0.5	0.4	438%	558%
59	1	17	0.058824	2.9164%	2.3309%	0.5	0.4	202%	252%
60	0	24	0.000000	2.9783%	2.4235%	0.7	0.6	0%	0%
61	0	28	0.000000	3.1350%	2.5162%	0.9	0.7	0%	0%
62	2	34	0.058824	3.2734%	2.6088%	1.1	0.9	180%	225%
63	1	30	0.033333	3.4465%	2.7383%	1.0	0.8	97%	122%
64	1	27	0.037037	3.6008%	2.8677%	1.0	0.8	103%	129%
65	1	20	0.050000	3.7650%	2.9972%	0.8	0.6	133%	167%
66	0	16	0.000000	3.8492%	3.1266%	0.6	0.5	0%	0%
67	1	16	0.062500	3.9079%	3.2560%	0.6	0.5	160%	192%
68	0	12	0.000000	3.9758%	3.4680%	0.5	0.4	0%	0%
69	0	11	0.000000	4.0089%	3.6800%	0.4	0.4	0%	0%
70	0	9	0.000000	4.0789%	3.8920%	0.4	0.4	0%	0%
71	1	9	0.111111	4.2824%	4.1040%	0.4	0.4	259%	271%
72	0	7	0.000000	4.5348%	4.3160%	0.3	0.3	0%	0%
73	0	7	0.000000	4.8103%	4.6694%	0.3	0.3	0%	0%
74	0	5	0.000000	5.1099%	5.0227%	0.3	0.3	0%	0%
75	0	5	0.000000	5.4793%	5.3761%	0.3	0.3	0%	0%
76	0	4	0.000000	5.9251%	5.7294%	0.2	0.2	0%	0%
77	1	2	0.500000	6.4623%	6.0828%	0.1	0.1	774%	822%
78	0	3	0.000000	7.0498%	6.6494%	0.2	0.2	0%	0%
79	0	3	0.000000	7.6912%	7.2161%	0.2	0.2	0%	0%
80	1	5	0.200000	8.3900%	7.7827%	0.4	0.4	238%	257%
81	2	4	0.500000	9.1500%	8.3493%	0.4	0.3	546%	599%
82	0	3	0.000000	9.9739%	8.9159%	0.3	0.3	0%	0%
83	1	3	0.333333	10.7832%	9.7808%	0.3	0.3	309%	341%
84	0	1	0.000000	11.7507%	10.6456%	0.1	0.1	0%	0%
85	0	2	0.000000	12.7010%	11.5105%	0.3	0.2	0%	0%
86	0	2	0.000000	13.4167%	12.3753%	0.3	0.2	0%	0%
87	0	2	0.000000	14.0240%	13.2402%	0.3	0.3	0%	0%
88	0	1	0.000000	14.7914%	14.5013%	0.1	0.1	0%	0%
89	0	0	N/A	15.4730%	15.7625%	0	0	0%	0%
90	0	0	N/A	16.3129%	17.0236%	0	0	0%	0%
91	0	0	N/A	18.1428%	18.2847%	0	0	0%	0%
92	0	0	N/A	20.3472%	19.5459%	0	0	0%	0%
93	0	0	N/A	22.3332%	21.3144%	0	0	0%	0%
94	0	0	N/A	24.2739%	23.0829%	0	0	0%	0%
95	0	0	N/A	26.4093%	24.8515%	0	0	0%	0%
96	0	0	N/A	28.2045%	26.6200%	0	0	0%	0%
97	0	0	N/A	29.8596%	28.3885%	0	0	0%	0%
98	0	0	N/A	31.6972%	30.7886%	0	0	0%	0%
99	0	0	N/A	33.0026%	33.1888%	0	0	0%	0%
Subtotal	18	463				16.7	14.1	108%	128%
100 or more	0	0	N/A	37.1685%	40.3891%	0	0	0%	0%
Total	18	463				16.7	14.1	108%	128%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
WOMEN

TABLE 2B				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	1	0.000000	1.4837%	0.9226%	0.0	0.0	0%	0%
42	0	0	N/A	1.5121%	1.0619%	0	0	0%	0%
43	0	0	N/A	1.5409%	1.2013%	0	0	0%	0%
44	0	0	N/A	1.5630%	1.3407%	0	0	0%	0%
45	0	0	N/A	1.6061%	1.4800%	0	0	0%	0%
46	0	0	N/A	1.6501%	1.6194%	0	0	0%	0%
47	0	0	N/A	1.6950%	1.7588%	0	0	0%	0%
48	0	0	N/A	1.7177%	1.8672%	0	0	0%	0%
49	0	2	0.000000	1.7429%	1.9756%	0.0	0.0	0%	0%
50	0	3	0.000000	1.7433%	2.0840%	0.1	0.1	0%	0%
51	0	5	0.000000	1.7687%	2.1925%	0.1	0.1	0%	0%
52	0	5	0.000000	1.7686%	2.3009%	0.1	0.1	0%	0%
53	0	4	0.000000	1.7665%	2.3794%	0.1	0.1	0%	0%
54	0	3	0.000000	1.7997%	2.4580%	0.1	0.1	0%	0%
55	0	2	0.000000	1.8308%	2.5365%	0.0	0.1	0%	0%
56	0	3	0.000000	1.9016%	2.6151%	0.1	0.1	0%	0%
57	0	4	0.000000	1.9980%	2.6936%	0.1	0.1	0%	0%
58	1	5	0.200000	2.1697%	2.7573%	0.1	0.1	922%	725%
59	0	3	0.000000	2.2668%	2.8209%	0.1	0.1	0%	0%
60	0	3	0.000000	2.3670%	2.8846%	0.1	0.1	0%	0%
61	0	4	0.000000	2.4709%	2.9483%	0.1	0.1	0%	0%
62	0	2	0.000000	2.5239%	3.0119%	0.1	0.1	0%	0%
63	0	2	0.000000	2.5775%	3.0896%	0.1	0.1	0%	0%
64	1	2	0.500000	2.7492%	3.1674%	0.1	0.1	1819%	1579%
65	0	1	0.000000	2.8706%	3.2451%	0.0	0.0	0%	0%
66	0	2	0.000000	3.0625%	3.3228%	0.1	0.1	0%	0%
67	0	3	0.000000	3.1997%	3.4005%	0.1	0.1	0%	0%
68	0	4	0.000000	3.3456%	3.5351%	0.1	0.1	0%	0%
69	0	3	0.000000	3.4266%	3.6698%	0.1	0.1	0%	0%
70	0	3	0.000000	3.5100%	3.8044%	0.1	0.1	0%	0%
71	0	2	0.000000	3.5716%	3.9390%	0.1	0.1	0%	0%
72	0	1	0.000000	3.6091%	4.0737%	0.0	0.0	0%	0%
73	0	1	0.000000	3.6726%	4.3220%	0.0	0.0	0%	0%
74	0	0	N/A	3.8549%	4.5704%	0	0	0%	0%
75	0	0	N/A	4.1360%	4.8187%	0	0	0%	0%
76	0	0	N/A	4.3872%	5.0671%	0	0	0%	0%
77	0	0	N/A	4.5998%	5.3154%	0	0	0%	0%
78	0	0	N/A	4.9979%	5.7482%	0	0	0%	0%
79	0	0	N/A	5.4045%	6.1810%	0	0	0%	0%
80	0	0	N/A	5.9727%	6.6138%	0	0	0%	0%
81	0	0	N/A	6.6020%	7.0467%	0	0	0%	0%
82	0	0	N/A	7.2980%	7.4795%	0	0	0%	0%
83	0	0	N/A	8.0664%	8.1814%	0	0	0%	0%
84	0	0	N/A	8.9133%	8.8833%	0	0	0%	0%
85	0	0	N/A	9.7162%	9.5853%	0	0	0%	0%
86	0	0	N/A	10.3681%	10.2872%	0	0	0%	0%
87	0	0	N/A	11.2988%	10.9891%	0	0	0%	0%
88	0	0	N/A	12.2125%	12.0588%	0	0	0%	0%
89	0	0	N/A	13.6802%	13.1284%	0	0	0%	0%
90	0	0	N/A	15.3234%	14.1981%	0	0	0%	0%
91	0	0	N/A	17.2895%	15.2677%	0	0	0%	0%
92	0	0	N/A	18.8204%	16.3374%	0	0	0%	0%
93	0	0	N/A	20.0298%	17.8873%	0	0	0%	0%
94	0	0	N/A	21.1824%	19.4373%	0	0	0%	0%
95	0	0	N/A	22.6541%	20.9872%	0	0	0%	0%
96	0	0	N/A	23.3742%	22.5371%	0	0	0%	0%
97	0	0	N/A	23.4718%	24.0870%	0	0	0%	0%
98	0	0	N/A	23.4917%	26.2437%	0	0	0%	0%
99	0	0	N/A	24.8039%	28.4003%	0	0	0%	0%
Subtotal	2	73				1.8	2.1	114%	96%
100 or more	0	0	N/A	25.4498%	34.8703%	0	0	0%	0%
Total	2	73				1.8	2.1	114%	96%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN

TABLE 2C				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	1	0.000000	1.4837%	0.9226%	0.0	0.0	0%	0%
42	0	2	0.000000	1.4841%	0.5537%	0.0	0.0	0%	0%
43	0	2	0.000000	1.5246%	0.6796%	0.0	0.0	0%	0%
44	0	3	0.000000	1.5660%	0.8055%	0.0	0.0	0%	0%
45	0	4	0.000000	1.6079%	0.9315%	0.1	0.0	0%	0%
46	0	4	0.000000	1.6532%	1.0574%	0.1	0.0	0%	0%
47	0	6	0.000000	1.6979%	1.1833%	0.1	0.1	0%	0%
48	0	7	0.000000	1.7687%	1.2873%	0.1	0.1	0%	0%
49	0	11	0.000000	1.8224%	1.4975%	0.2	0.2	0%	0%
50	0	16	0.000000	1.8804%	1.6056%	0.3	0.3	0%	0%
51	0	17	0.000000	1.9507%	1.7737%	0.3	0.3	0%	0%
52	2	20	0.100000	2.0507%	1.8526%	0.4	0.4	488%	540%
53	0	14	0.000000	2.1381%	1.9596%	0.3	0.3	0%	0%
54	0	11	0.000000	2.2612%	2.0377%	0.2	0.2	0%	0%
55	0	15	0.000000	2.5048%	2.0443%	0.4	0.3	0%	0%
56	1	15	0.066667	2.5319%	2.1687%	0.4	0.3	263%	307%
57	0	19	0.000000	2.6087%	2.2610%	0.5	0.4	0%	0%
58	3	21	0.142857	2.6919%	2.3618%	0.6	0.5	531%	605%
59	1	20	0.050000	2.8190%	2.4044%	0.6	0.5	177%	208%
60	0	27	0.000000	2.9104%	2.4748%	0.8	0.7	0%	0%
61	0	32	0.000000	3.0520%	2.5702%	1.0	0.8	0%	0%
62	2	36	0.055556	3.2318%	2.6312%	1.2	0.9	172%	211%
63	1	32	0.031250	3.3922%	2.7602%	1.1	0.9	92%	113%
64	2	29	0.068966	3.5421%	2.8884%	1.0	0.8	195%	239%
65	1	21	0.047619	3.7224%	3.0090%	0.8	0.6	128%	158%
66	0	18	0.000000	3.7618%	3.1484%	0.7	0.6	0%	0%
67	1	19	0.052632	3.7961%	3.2788%	0.7	0.6	139%	161%
68	0	16	0.000000	3.8183%	3.4848%	0.6	0.6	0%	0%
69	0	14	0.000000	3.8841%	3.6778%	0.5	0.5	0%	0%
70	0	12	0.000000	3.9367%	3.8701%	0.5	0.5	0%	0%
71	1	11	0.090909	4.1532%	4.0740%	0.5	0.4	219%	223%
72	0	8	0.000000	4.4191%	4.2857%	0.4	0.3	0%	0%
73	0	8	0.000000	4.6681%	4.6259%	0.4	0.4	0%	0%
74	0	5	0.000000	5.1099%	5.0227%	0.3	0.3	0%	0%
75	0	5	0.000000	5.4793%	5.3761%	0.3	0.3	0%	0%
76	0	4	0.000000	5.9251%	5.7294%	0.2	0.2	0%	0%
77	1	2	0.500000	6.4623%	6.0828%	0.1	0.1	774%	822%
78	0	3	0.000000	7.0498%	6.6494%	0.2	0.2	0%	0%
79	0	3	0.000000	7.6912%	7.2161%	0.2	0.2	0%	0%
80	1	5	0.200000	8.3900%	7.7827%	0.4	0.4	238%	257%
81	2	4	0.500000	9.1500%	8.3493%	0.4	0.3	546%	599%
82	0	3	0.000000	9.9739%	8.9159%	0.3	0.3	0%	0%
83	1	3	0.333333	10.7832%	9.7808%	0.3	0.3	309%	341%
84	0	1	0.000000	11.7507%	10.6456%	0.1	0.1	0%	0%
85	0	2	0.000000	12.7010%	11.5105%	0.3	0.2	0%	0%
86	0	2	0.000000	13.4167%	12.3753%	0.3	0.2	0%	0%
87	0	2	0.000000	14.0240%	13.2402%	0.3	0.3	0%	0%
88	0	1	0.000000	14.7914%	14.5013%	0.1	0.1	0%	0%
89	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
90	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
91	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
92	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
93	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
94	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
95	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
96	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
97	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
98	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
99	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Subtotal	20	536				18.5	16.2	108%	124%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	20	536				18.5	16.2	108%	124%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	7	0.00000	0.015308	0.6976%	10.7154%	0.0	0%	0%
45-49	0	30	0.00000	0.017391	1.2196%	52.1736%	0.4	0%	0%
50-54	2	58	0.03448	0.021325	1.6747%	123.6871%	1.0	162%	206%
55-59	4	73	0.05479	0.027811	2.1630%	203.0174%	1.6	197%	253%
60-64	4	143	0.02797	0.032949	2.6356%	471.1714%	3.8	85%	106%
65-69	2	75	0.02667	0.038829	3.2555%	291.2211%	2.4	69%	82%
70-74	1	37	0.02703	0.044923	4.3237%	166.2169%	1.6	60%	63%
75-79	1	17	0.05882	0.063673	6.0918%	108.2445%	1.0	92%	97%
80-84	4	16	0.25000	0.095358	8.6904%	152.5720%	1.4	262%	288%
85-89	0	7	0.00000	0.135821	12.6791%	95.0748%	0.9	0%	0%
90-94	0	0	N/A			0.0000%	0	0%	0%
95-99	0	0	N/A			0.0000%	0	0%	0%
100+	0	0	N/A			0.0000%	0	0%	0%
Total	18	463				16.7	14.1	108%	128%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
WOMEN

TABLE 2B 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	1	0.000000	1.4837%	0.9226%	0.0	0.0	0%	0%
45-49	0	2	0.000000	1.7429%	1.9756%	0.0	0.0	0%	0%
50-54	0	20	0.000000	1.7691%	2.2805%	0.4	0.5	0%	0%
55-59	1	17	0.058824	2.0593%	2.7025%	0.4	0.5	286%	218%
60-64	1	13	0.076923	2.5143%	2.9988%	0.3	0.4	306%	257%
65-69	0	13	0.000000	3.2505%	3.4801%	0.4	0.5	0%	0%
70-74	0	7	0.000000	3.5650%	3.9553%	0.2	0.3	0%	0%
75-79	0	0	N/A			0	0	0%	0%
80-84	0	0	N/A			0	0	0%	0%
85-89	0	0	N/A			0	0	0%	0%
90-94	0	0	N/A			0	0	0%	0%
95-99	0	0	N/A			0	0	0%	0%
100+	0	0	N/A			0	0	0%	0%
Total	2	73				1.8	2.1	114%	96%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN

TABLE 2C 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	8	0.000000	1.5249%	0.7257%	0.1	0.1	0%	0%
45-49	0	32	0.000000	1.7394%	1.2668%	0.6	0.4	0%	0%
50-54	2	78	0.025641	2.0393%	1.8300%	1.6	1.4	126%	140%
55-59	5	90	0.055556	2.6447%	2.2649%	2.4	2.0	210%	245%
60-64	5	156	0.032051	3.2299%	2.6659%	5.0	4.2	99%	120%
65-69	2	88	0.022727	3.7895%	3.2887%	3.3	2.9	60%	69%
70-74	1	44	0.022727	4.3448%	4.2651%	1.9	1.9	52%	53%
75-79	1	17	0.058824	6.3673%	6.0918%	1.1	1.0	92%	97%
80-84	4	16	0.250000	9.5358%	8.6904%	1.5	1.4	262%	288%
85-89	0	7	0.000000	13.5821%	12.6791%	1.0	0.9	0%	0%
90-94	0	0	N/A			0	0	0%	0%
95-99	0	0	N/A			0	0	0%	0%
100+	0	0	N/A			0	0	0%	0%
Total	20	536				18.5	16.2	108%	124%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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	0	6	0.000000	1.4841%	0.4643%	0.1	0.0	0%	0%
42	0	8	0.000000	1.5295%	0.6030%	0.1	0.0	0%	0%
43	0	11	0.000000	1.5760%	0.7413%	0.2	0.1	0%	0%
44	0	14	0.000000	1.6237%	0.8782%	0.2	0.1	0%	0%
45	0	16	0.000000	1.6723%	1.0132%	0.3	0.2	0%	0%
46	0	19	0.000000	1.7246%	1.1457%	0.3	0.2	0%	0%
47	0	22	0.000000	1.7766%	1.2757%	0.4	0.3	0%	0%
48	0	22	0.000000	1.8563%	1.3794%	0.4	0.3	0%	0%
49	0	28	0.000000	1.9372%	1.4804%	0.5	0.4	0%	0%
50	0	31	0.000000	2.0191%	1.5788%	0.6	0.5	0%	0%
51	1	36	0.027778	2.1466%	1.6744%	0.8	0.6	129%	166%
52	3	40	0.075000	2.2787%	1.7670%	0.9	0.7	329%	424%
53	1	38	0.026316	2.4295%	1.8420%	0.9	0.7	108%	143%
54	1	42	0.023810	2.5864%	1.9177%	1.1	0.8	92%	124%
55	2	52	0.038462	2.7631%	1.9960%	1.4	1.0	139%	193%
56	2	58	0.034483	2.8401%	2.0785%	1.6	1.2	121%	166%
57	2	59	0.033898	2.9177%	2.1668%	1.7	1.3	116%	156%
58	3	62	0.048387	2.9966%	2.2656%	1.9	1.4	161%	214%
59	1	58	0.017241	3.0609%	2.3705%	1.8	1.4	56%	73%
60	0	61	0.000000	3.1259%	2.4814%	1.9	1.5	0%	0%
61	0	56	0.000000	3.2804%	2.5964%	1.8	1.5	0%	0%
62	2	56	0.035714	3.4252%	2.7138%	1.9	1.5	104%	132%
63	1	51	0.019608	3.5954%	2.8702%	1.8	1.5	55%	68%
64	1	44	0.022727	3.7564%	3.0262%	1.7	1.3	61%	75%
65	1	36	0.027778	3.9277%	3.1809%	1.4	1.1	71%	87%
66	0	30	0.000000	4.0033%	3.3338%	1.2	1.0	0%	0%
67	1	30	0.033333	4.0644%	3.4857%	1.2	1.0	82%	96%
68	0	23	0.000000	4.1476%	3.7241%	1.0	0.9	0%	0%
69	1	22	0.045455	4.1821%	3.9627%	0.9	0.9	109%	115%
70	1	19	0.052632	4.2681%	4.2004%	0.8	0.8	123%	125%
71	2	18	0.111111	4.4810%	4.4379%	0.8	0.8	248%	250%
72	1	16	0.062500	4.7452%	4.6748%	0.8	0.7	132%	134%
73	0	14	0.000000	5.0334%	5.0643%	0.7	0.7	0%	0%
74	0	15	0.000000	5.3469%	5.4526%	0.8	0.8	0%	0%
75	0	14	0.000000	5.7161%	5.8386%	0.8	0.8	0%	0%
76	1	13	0.076923	6.1811%	6.2236%	0.8	0.8	124%	124%
77	2	10	0.200000	6.7210%	6.6054%	0.7	0.7	298%	303%
78	0	9	0.000000	7.3098%	7.2148%	0.7	0.6	0%	0%
79	1	9	0.111111	7.9507%	7.8215%	0.7	0.7	140%	142%
80	1	8	0.125000	8.6468%	8.4262%	0.7	0.7	145%	148%
81	2	7	0.285714	9.4016%	9.0276%	0.7	0.6	304%	316%
82	0	5	0.000000	10.2172%	9.6264%	0.5	0.5	0%	0%
83	1	5	0.200000	11.0462%	10.5450%	0.6	0.5	181%	190%
84	0	2	0.000000	12.0010%	11.4610%	0.2	0.2	0%	0%
85	0	2	0.000000	12.9715%	12.3743%	0.3	0.2	0%	0%
86	0	2	0.000000	13.7025%	13.2837%	0.3	0.3	0%	0%
87	0	2	0.000000	14.2795%	14.1888%	0.3	0.3	0%	0%
88	0	1	0.000000	15.0155%	15.5101%	0.2	0.2	0%	0%
89	0	0	N/A	15.7075%	16.8210%	0	0	0%	0%
90	0	0	N/A	16.5102%	18.1205%	0	0	0%	0%
91	0	0	N/A	18.3623%	19.4074%	0	0	0%	0%
92	0	0	N/A	20.5314%	20.6763%	0	0	0%	0%
93	0	0	N/A	22.5354%	22.4555%	0	0	0%	0%
94	0	0	N/A	24.4937%	24.2273%	0	0	0%	0%
95	0	0	N/A	26.5684%	25.9989%	0	0	0%	0%
96	0	0	N/A	28.3744%	27.7814%	0	0	0%	0%
97	0	0	N/A	30.0395%	29.5550%	0	0	0%	0%
98	0	0	N/A	31.7925%	31.9759%	0	0	0%	0%
99	0	0	N/A	33.1018%	34.3885%	0	0	0%	0%
Subtotal	35	1,202				41.3	34.5	85%	102%
100 or more	0	0	N/A	37.1685%	41.8491%	0	0	0%	0%
Total	35	1,202				41.3	34.5	85%	102%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
WOMEN

TABLE 2B				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	1	0.000000	1.5525%	0.9910%	0.0	0.0	0%	0%
42	0	0	N/A	1.5823%	1.1369%	0	0	0%	0%
43	0	2	0.000000	1.6123%	1.2792%	0.0	0.0	0%	0%
44	0	3	0.000000	1.6355%	1.4176%	0.0	0.0	0%	0%
45	0	3	0.000000	1.6857%	1.5526%	0.1	0.0	0%	0%
46	0	4	0.000000	1.7372%	1.6837%	0.1	0.1	0%	0%
47	0	4	0.000000	1.7899%	1.8115%	0.1	0.1	0%	0%
48	0	5	0.000000	1.8139%	1.9058%	0.1	0.1	0%	0%
49	0	7	0.000000	1.8405%	2.0007%	0.1	0.1	0%	0%
50	0	8	0.000000	1.8353%	2.0987%	0.1	0.2	0%	0%
51	0	9	0.000000	1.8563%	2.2008%	0.2	0.2	0%	0%
52	0	11	0.000000	1.8450%	2.3092%	0.2	0.3	0%	0%
53	0	10	0.000000	1.8316%	2.3940%	0.2	0.2	0%	0%
54	0	8	0.000000	1.8548%	2.4855%	0.1	0.2	0%	0%
55	0	7	0.000000	1.8755%	2.5832%	0.1	0.2	0%	0%
56	0	7	0.000000	1.9362%	2.6856%	0.1	0.2	0%	0%
57	0	7	0.000000	2.0283%	2.7913%	0.1	0.2	0%	0%
58	1	6	0.166667	2.2025%	2.8828%	0.1	0.2	757%	578%
59	0	6	0.000000	2.3011%	2.9744%	0.1	0.2	0%	0%
60	0	7	0.000000	2.4029%	3.0636%	0.2	0.2	0%	0%
61	0	7	0.000000	2.5083%	3.1501%	0.2	0.2	0%	0%
62	0	5	0.000000	2.5622%	3.2323%	0.1	0.2	0%	0%
63	0	5	0.000000	2.6166%	3.3266%	0.1	0.2	0%	0%
64	1	6	0.166667	2.7909%	3.4169%	0.2	0.2	597%	488%
65	0	5	0.000000	2.9141%	3.5037%	0.1	0.2	0%	0%
66	0	5	0.000000	3.1089%	3.5883%	0.2	0.2	0%	0%
67	0	5	0.000000	3.2481%	3.6707%	0.2	0.2	0%	0%
68	0	5	0.000000	3.3962%	3.8133%	0.2	0.2	0%	0%
69	0	5	0.000000	3.4785%	3.9553%	0.2	0.2	0%	0%
70	0	4	0.000000	3.5632%	4.0962%	0.1	0.2	0%	0%
71	0	3	0.000000	3.6366%	4.2368%	0.1	0.1	0%	0%
72	0	2	0.000000	3.6748%	4.3767%	0.1	0.1	0%	0%
73	0	2	0.000000	3.7508%	4.6388%	0.1	0.1	0%	0%
74	1	1	1.000000	3.9370%	4.8993%	0.0	0.0	2540%	2041%
75	0	0	N/A	4.2369%	5.1602%	0	0	0%	0%
76	0	0	N/A	4.4942%	5.4218%	0	0	0%	0%
77	0	0	N/A	4.6978%	5.6846%	0	0	0%	0%
78	0	0	N/A	5.1043%	6.1456%	0	0	0%	0%
79	0	0	N/A	5.5196%	6.6103%	0	0	0%	0%
80	0	0	N/A	6.0999%	7.0761%	0	0	0%	0%
81	0	0	N/A	6.7426%	7.5453%	0	0	0%	0%
82	0	0	N/A	7.4535%	8.0153%	0	0	0%	0%
83	0	0	N/A	8.2382%	8.7774%	0	0	0%	0%
84	0	0	N/A	9.1031%	9.5393%	0	0	0%	0%
85	0	0	N/A	9.8932%	10.3015%	0	0	0%	0%
86	0	0	N/A	10.5252%	11.0604%	0	0	0%	0%
87	0	0	N/A	11.4355%	11.8114%	0	0	0%	0%
88	0	0	N/A	12.3603%	12.9505%	0	0	0%	0%
89	0	0	N/A	13.8041%	14.0834%	0	0	0%	0%
90	0	0	N/A	15.4621%	15.2059%	0	0	0%	0%
91	0	0	N/A	17.4460%	16.3164%	0	0	0%	0%
92	0	0	N/A	18.9908%	17.4115%	0	0	0%	0%
93	0	0	N/A	20.1504%	19.0011%	0	0	0%	0%
94	0	0	N/A	21.3100%	20.5761%	0	0	0%	0%
95	0	0	N/A	22.7906%	22.1400%	0	0	0%	0%
96	0	0	N/A	23.5150%	23.7098%	0	0	0%	0%
97	0	0	N/A	23.5424%	25.2658%	0	0	0%	0%
98	0	0	N/A	23.5623%	27.4526%	0	0	0%	0%
99	0	0	N/A	24.8785%	29.6244%	0	0	0%	0%
Subtotal	3	175				4.1	4.9	74%	61%
100 or more	0	0	N/A	25.4498%	36.3732%	0	0	0%	0%
Total	3	175				4.1	4.9	74%	61%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN

TABLE 2C				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	7	0.000000	1.4939%	0.5395%	0.1	0.0	0%	0%
42	0	8	0.000000	1.5295%	0.6030%	0.1	0.0	0%	0%
43	0	13	0.000000	1.5816%	0.8240%	0.2	0.1	0%	0%
44	0	17	0.000000	1.6258%	0.9734%	0.3	0.2	0%	0%
45	0	19	0.000000	1.6744%	1.0983%	0.3	0.2	0%	0%
46	0	23	0.000000	1.7268%	1.2392%	0.4	0.3	0%	0%
47	0	26	0.000000	1.7786%	1.3581%	0.5	0.4	0%	0%
48	0	27	0.000000	1.8484%	1.4769%	0.5	0.4	0%	0%
49	0	35	0.000000	1.9179%	1.5845%	0.7	0.6	0%	0%
50	0	39	0.000000	1.9814%	1.6854%	0.8	0.7	0%	0%
51	1	45	0.022222	2.0885%	1.7797%	0.9	0.8	106%	125%
52	3	51	0.058824	2.1852%	1.8840%	1.1	1.0	269%	312%
53	1	48	0.020833	2.3049%	1.9570%	1.1	0.9	90%	106%
54	1	50	0.020000	2.4693%	2.0085%	1.2	1.0	81%	100%
55	2	59	0.033898	2.6578%	2.0657%	1.6	1.2	128%	164%
56	2	65	0.030769	2.7428%	2.1439%	1.8	1.4	112%	144%
57	2	66	0.030303	2.8234%	2.2330%	1.9	1.5	107%	136%
58	4	68	0.058824	2.9265%	2.3200%	2.0	1.6	201%	254%
59	1	64	0.015625	2.9897%	2.4271%	1.9	1.6	52%	64%
60	0	68	0.000000	3.0515%	2.5413%	2.1	1.7	0%	0%
61	0	63	0.000000	3.1946%	2.6579%	2.0	1.7	0%	0%
62	2	61	0.032787	3.3545%	2.7563%	2.0	1.7	98%	119%
63	1	56	0.017857	3.5080%	2.9110%	2.0	1.6	51%	61%
64	2	50	0.040000	3.6405%	3.0731%	1.8	1.5	110%	130%
65	1	41	0.024390	3.8041%	3.2202%	1.6	1.3	64%	76%
66	0	35	0.000000	3.8755%	3.3702%	1.4	1.2	0%	0%
67	1	35	0.028571	3.9478%	3.5122%	1.4	1.2	72%	81%
68	0	28	0.000000	4.0134%	3.7400%	1.1	1.0	0%	0%
69	1	27	0.037037	4.0518%	3.9613%	1.1	1.1	91%	93%
70	1	23	0.043478	4.1455%	4.1823%	1.0	1.0	105%	104%
71	2	21	0.095238	4.3604%	4.4092%	0.9	0.9	218%	216%
72	1	18	0.055556	4.6263%	4.6417%	0.8	0.8	120%	120%
73	0	16	0.000000	4.8731%	5.0111%	0.8	0.8	0%	0%
74	1	16	0.062500	5.2588%	5.4180%	0.8	0.9	119%	115%
75	0	14	0.000000	5.7161%	5.8386%	0.8	0.8	0%	0%
76	1	13	0.076923	6.1811%	6.2236%	0.8	0.8	124%	124%
77	2	10	0.200000	6.7210%	6.6054%	0.7	0.7	298%	303%
78	0	9	0.000000	7.3098%	7.2148%	0.7	0.6	0%	0%
79	1	9	0.111111	7.9507%	7.8215%	0.7	0.7	140%	142%
80	1	8	0.125000	8.6468%	8.4262%	0.7	0.7	145%	148%
81	2	7	0.285714	9.4016%	9.0276%	0.7	0.6	304%	316%
82	0	5	0.000000	10.2172%	9.6264%	0.5	0.5	0%	0%
83	1	5	0.200000	11.0462%	10.5450%	0.6	0.5	181%	190%
84	0	2	0.000000	12.0010%	11.4610%	0.2	0.2	0%	0%
85	0	2	0.000000	12.9715%	12.3743%	0.3	0.2	0%	0%
86	0	2	0.000000	13.7025%	13.2837%	0.3	0.3	0%	0%
87	0	2	0.000000	14.2795%	14.1888%	0.3	0.3	0%	0%
88	0	1	0.000000	15.0155%	15.5101%	0.2	0.2	0%	0%
89	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
90	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
91	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
92	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
93	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
94	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
95	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
96	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
97	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
98	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
99	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Subtotal	38	1,377				45.4	39.4	84%	97%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	38	1,377				45.4	39.4	84%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
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 (7)	Proposed (8)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	39	0.000000	1.5694%	0.7194%	0.6	0.3	0%	0%
45-49	0	107	0.000000	1.8102%	1.2882%	1.9	1.4	0%	0%
50-54	6	187	0.032086	2.3100%	1.7670%	4.3	3.3	139%	182%
55-59	10	289	0.034602	2.9200%	2.1804%	8.4	6.3	119%	159%
60-64	4	268	0.014925	3.4136%	2.7174%	9.1	7.3	44%	55%
65-69	3	141	0.021277	4.0484%	3.4889%	5.7	4.9	53%	61%
70-74	4	82	0.048780	4.7359%	4.7216%	3.9	3.9	103%	103%
75-79	4	55	0.072727	6.6352%	6.6187%	3.6	3.6	110%	110%
80-84	4	27	0.148148	9.8261%	9.4215%	2.7	2.5	151%	157%
85-89	0	7	0.000000	13.8461%	13.6005%	1.0	1.0	0%	0%
90-94	0	0	N/A			0	0	0%	0%
95-99	0	0	N/A			0	0	0%	0%
100+	0	0	N/A			0	0	0%	0%
Total	35	1,202				41.3	34.5	85%	102%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
WOMEN

TABLE 2B GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate	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	6	0.000000	1.6139%	1.3004%	0.1	0.1	0%	0%
45-49	0	23	0.000000	1.7878%	1.8336%	0.4	0.4	0%	0%
50-54	0	46	0.000000	1.8443%	2.3005%	0.8	1.1	0%	0%
55-59	1	33	0.030303	2.0576%	2.7747%	0.7	0.9	147%	109%
60-64	1	30	0.033333	2.5673%	3.2264%	0.8	1.0	130%	103%
65-69	0	25	0.000000	3.2292%	3.7063%	0.8	0.9	0%	0%
70-74	1	12	0.083333	3.6626%	4.3355%	0.4	0.5	228%	192%
75-79	0	0	N/A			0	0	0%	0%
80-84	0	0	N/A			0	0	0%	0%
85-89	0	0	N/A			0	0	0%	0%
90-94	0	0	N/A			0	0	0%	0%
95-99	0	0	N/A			0	0	0%	0%
100+	0	0	N/A			0	0	0%	0%
Total	3	175				4.1	4.9	74%	61%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN

TABLE 2C GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate	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	45	0.000000	1.5754%	0.7969%	0.7	0.4	0%	0%
45-49	0	130	0.000000	1.8062%	1.3847%	2.3	1.8	0%	0%
50-54	6	233	0.025751	2.2181%	1.8724%	5.2	4.4	116%	138%
55-59	11	322	0.034161	2.8316%	2.2413%	9.1	7.2	121%	152%
60-64	5	298	0.016779	3.3284%	2.7687%	9.9	8.3	50%	61%
65-69	3	166	0.018072	3.9250%	3.5216%	6.5	5.8	46%	51%
70-74	5	94	0.053191	4.5989%	4.6723%	4.3	4.4	116%	114%
75-79	4	55	0.072727	6.6352%	6.6187%	3.6	3.6	110%	110%
80-84	4	27	0.148148	9.8261%	9.4215%	2.7	2.5	151%	157%
85-89	0	7	0.000000	13.8461%	13.6005%	1.0	1.0	0%	0%
90-94	0	0	N/A			0	0	0%	0%
95-99	0	0	N/A			0	0	0%	0%
100+	0	0	N/A			0	0	0%	0%
Total	38	1,377				45.4	39.4	84%	97%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN AND WOMEN

Plan Year Ending June 30, (1)	TABLE 2D 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)
2002	140	4	3.1	130%	2.8571%	2.1946%
2003	142	4	3.2	124%	2.8169%	2.2681%
2004	140	2	3.3	60%	1.4286%	2.3768%
2005	142	2	3.5	57%	1.4085%	2.4515%
2006	144	1	3.7	27%	0.6944%	2.5440%
2007	145	5	3.8	130%	3.4483%	2.6539%
2008	140	5	3.8	131%	3.5714%	2.7221%
2009	136	3	3.9	77%	2.2059%	2.8495%
2010	135	6	3.9	153%	4.4444%	2.9138%
2011	132	6	3.9	152%	4.5455%	2.9859%
Total	1,396	38	36.2	105%	2.7221%	2.5913%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 3A

4-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>Withdrawals</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	8	103	0.0777	4.00%	7.00%	4.1	7.2	194%	111%
1	14	220	0.0636	2.00%	3.50%	4.4	7.7	318%	182%
2	5	261	0.0192	1.00%	1.75%	2.6	4.6	192%	109%
3	7	342	0.0205	1.00%	1.25%	3.4	4.3	205%	164%
4	5	355	0.0141	1.00%	1.00%	3.6	3.6	141%	141%
5	5	392	0.0128	1.00%	1.00%	3.9	3.9	128%	128%
6	7	375	0.0187	1.00%	1.00%	3.8	3.8	187%	187%
7	3	374	0.0080	1.00%	1.00%	3.7	3.7	80%	80%
8	3	299	0.0100	1.00%	1.00%	3.0	3.0	100%	100%
9	4	223	0.0179	1.00%	1.00%	2.2	2.2	179%	179%
10	0	160	0.0000	1.00%	1.00%	1.6	1.6	0%	0%
11	0	74	0.0000	1.00%	1.00%	0.7	0.7	0%	0%
12	1	64	0.0156	1.00%	1.00%	0.6	0.6	156%	156%
13	0	67	0.0000	1.00%	1.00%	0.7	0.7	0%	0%
14	0	52	0.0000	1.00%	1.00%	0.5	0.5	0%	0%
15	0	66	0.0000	1.00%	1.00%	0.7	0.7	0%	0%
16	1	77	0.0130	1.00%	1.00%	0.8	0.8	130%	130%
17	1	123	0.0081	1.00%	1.00%	1.2	1.2	81%	81%
18	1	141	0.0071	1.00%	1.00%	1.4	1.4	71%	71%
19	2	117	0.0171	1.00%	1.00%	1.2	1.2	171%	171%
20	4	103	0.0388	1.00%	1.00%	1.0	1.0	388%	388%
21	1	63	0.0159	1.00%	1.00%	0.6	0.6	159%	159%
22	0	52	0.0000	1.00%	1.00%	0.5	0.5	0%	0%
23	0	49	0.0000	1.00%	1.00%	0.5	0.5	0%	0%
24	1	42	0.0238	1.00%	1.00%	0.4	0.4	238%	238%
25	1	53	0.0189	1.00%	1.00%	0.5	0.5	189%	189%
26	0	40	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
27	0	33	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
28	0	24	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
29	0	8	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
30	0	6	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
Subtotal	74	4,358	0.0170			48.9	58.1	151%	127%
31 or more	0	3	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
Total	74	4,361	0.0170			48.9	58.1	151%	127%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 3B

4-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>Withdrawals</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	2	18	0.1111	4.00%	7.00%	0.7	1.3	278%	159%
1	1	43	0.0233	2.00%	3.50%	0.9	1.5	116%	66%
2	7	53	0.1321	1.00%	1.75%	0.5	0.9	1321%	755%
3	2	64	0.0313	1.00%	1.25%	0.6	0.8	313%	250%
4	3	73	0.0411	1.00%	1.00%	0.7	0.7	411%	411%
5	5	120	0.0417	1.00%	1.00%	1.2	1.2	417%	417%
6	2	127	0.0157	1.00%	1.00%	1.3	1.3	157%	157%
7	3	140	0.0214	1.00%	1.00%	1.4	1.4	214%	214%
8	8	120	0.0667	1.00%	1.00%	1.2	1.2	667%	667%
9	2	80	0.0250	1.00%	1.00%	0.8	0.8	250%	250%
10	2	56	0.0357	1.00%	1.00%	0.6	0.6	357%	357%
11	2	29	0.0690	1.00%	1.00%	0.3	0.3	690%	690%
12	0	20	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
13	1	20	0.0500	1.00%	1.00%	0.2	0.2	500%	500%
14	1	20	0.0500	1.00%	1.00%	0.2	0.2	500%	500%
15	2	25	0.0800	1.00%	1.00%	0.3	0.3	800%	800%
16	0	30	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
17	3	35	0.0857	1.00%	1.00%	0.4	0.4	857%	857%
18	0	33	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
19	2	21	0.0952	1.00%	1.00%	0.2	0.2	952%	952%
20	0	15	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
21	1	17	0.0588	1.00%	1.00%	0.2	0.2	588%	588%
22	0	17	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
23	1	18	0.0556	1.00%	1.00%	0.2	0.2	556%	556%
24	1	13	0.0769	1.00%	1.00%	0.1	0.1	769%	769%
25	1	12	0.0833	1.00%	1.00%	0.1	0.1	833%	833%
26	0	4	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
27	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
28	0	4	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
29	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
30	0	1	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
Total	52	1,232	0.0422			13.3	15.0	391%	346%
31 or more	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
Total	52	1,234	0.0421			13.3	15.1	391%	345%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 3C

4-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>Withdrawals</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	10	121	0.0826	4.00%	7.00%	4.8	8.5	207%	118%
1	15	263	0.0570	2.00%	3.50%	5.3	9.2	285%	163%
2	12	314	0.0382	1.00%	1.75%	3.1	5.5	382%	218%
3	9	406	0.0222	1.00%	1.25%	4.1	5.1	222%	177%
4	8	428	0.0187	1.00%	1.00%	4.3	4.3	187%	187%
5	10	512	0.0195	1.00%	1.00%	5.1	5.1	195%	195%
6	9	502	0.0179	1.00%	1.00%	5.0	5.0	179%	179%
7	6	514	0.0117	1.00%	1.00%	5.1	5.1	117%	117%
8	11	419	0.0263	1.00%	1.00%	4.2	4.2	263%	263%
9	6	303	0.0198	1.00%	1.00%	3.0	3.0	198%	198%
10	2	216	0.0093	1.00%	1.00%	2.2	2.2	93%	93%
11	2	103	0.0194	1.00%	1.00%	1.0	1.0	194%	194%
12	1	84	0.0119	1.00%	1.00%	0.8	0.8	119%	119%
13	1	87	0.0115	1.00%	1.00%	0.9	0.9	115%	115%
14	1	72	0.0139	1.00%	1.00%	0.7	0.7	139%	139%
15	2	91	0.0220	1.00%	1.00%	0.9	0.9	220%	220%
16	1	107	0.0093	1.00%	1.00%	1.1	1.1	93%	93%
17	4	158	0.0253	1.00%	1.00%	1.6	1.6	253%	253%
18	1	174	0.0057	1.00%	1.00%	1.7	1.7	57%	57%
19	4	138	0.0290	1.00%	1.00%	1.4	1.4	290%	290%
20	4	118	0.0339	1.00%	1.00%	1.2	1.2	339%	339%
21	2	80	0.0250	1.00%	1.00%	0.8	0.8	250%	250%
22	0	69	0.0000	1.00%	1.00%	0.7	0.7	0%	0%
23	1	67	0.0149	1.00%	1.00%	0.7	0.7	149%	149%
24	2	55	0.0364	1.00%	1.00%	0.6	0.6	364%	364%
25	2	65	0.0308	1.00%	1.00%	0.7	0.7	308%	308%
26	0	44	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
27	0	35	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
28	0	28	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
29	0	10	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
30	0	7	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
Total	126	5,590	0.0225			62.2	73.1	203%	172%
31 or more	0	5	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
Total	126	5,595	0.0225			62.2	73.2	203%	172%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 3A

8-YEAR PERIOD ENDING 6/30/2011

Service (1)	Actual Withdrawals (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Withdrawals		Actual/Expected	
				Expected (5)	Proposed (6)	Expected (3) x (5) (7)	Proposed (3) x (6) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
0	37	347	0.1066	4.00%	7.00%	13.9	24.3	267%	152%
1	30	681	0.0441	2.00%	3.50%	13.6	23.8	220%	126%
2	11	698	0.0158	1.00%	1.75%	7.0	12.2	158%	90%
3	16	775	0.0206	1.00%	1.25%	7.8	9.7	206%	165%
4	8	685	0.0117	1.00%	1.00%	6.9	6.9	117%	117%
5	11	646	0.0170	1.00%	1.00%	6.5	6.5	170%	170%
6	9	566	0.0159	1.00%	1.00%	5.7	5.7	159%	159%
7	4	462	0.0087	1.00%	1.00%	4.6	4.6	87%	87%
8	4	378	0.0106	1.00%	1.00%	3.8	3.8	106%	106%
9	7	307	0.0228	1.00%	1.00%	3.1	3.1	228%	228%
10	2	222	0.0090	1.00%	1.00%	2.2	2.2	90%	90%
11	1	158	0.0063	1.00%	1.00%	1.6	1.6	63%	63%
12	3	152	0.0197	1.00%	1.00%	1.5	1.5	197%	197%
13	2	202	0.0099	1.00%	1.00%	2.0	2.0	99%	99%
14	2	220	0.0091	1.00%	1.00%	2.2	2.2	91%	91%
15	1	234	0.0043	1.00%	1.00%	2.3	2.3	43%	43%
16	2	241	0.0083	1.00%	1.00%	2.4	2.4	83%	83%
17	2	241	0.0083	1.00%	1.00%	2.4	2.4	83%	83%
18	1	256	0.0039	1.00%	1.00%	2.6	2.6	39%	39%
19	4	205	0.0195	1.00%	1.00%	2.1	2.1	195%	195%
20	5	180	0.0278	1.00%	1.00%	1.8	1.8	278%	278%
21	1	153	0.0065	1.00%	1.00%	1.5	1.5	65%	65%
22	0	124	0.0000	1.00%	1.00%	1.2	1.2	0%	0%
23	1	113	0.0088	1.00%	1.00%	1.1	1.1	88%	88%
24	1	100	0.0100	1.00%	1.00%	1.0	1.0	100%	100%
25	1	75	0.0133	1.00%	1.00%	0.8	0.8	133%	133%
26	0	65	0.0000	1.00%	1.00%	0.7	0.7	0%	0%
27	0	44	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
28	0	32	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
29	0	13	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
30	0	17	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
Subtotal	166	8,592	0.0193			103.1	130.9	161%	127%
31 or more	0	24	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
Total	166	8,616	0.0193			103.4	131.2	161%	127%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 3B

8-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>Withdrawals</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	8	65	0.1231	4.00%	7.00%	2.6	4.6	308%	176%
1	9	195	0.0462	2.00%	3.50%	3.9	6.8	231%	132%
2	14	209	0.0670	1.00%	1.75%	2.1	3.7	670%	383%
3	5	239	0.0209	1.00%	1.25%	2.4	3.0	209%	167%
4	6	223	0.0269	1.00%	1.00%	2.2	2.2	269%	269%
5	9	218	0.0413	1.00%	1.00%	2.2	2.2	413%	413%
6	3	197	0.0152	1.00%	1.00%	2.0	2.0	152%	152%
7	3	175	0.0171	1.00%	1.00%	1.8	1.8	171%	171%
8	9	147	0.0612	1.00%	1.00%	1.5	1.5	612%	612%
9	3	102	0.0294	1.00%	1.00%	1.0	1.0	294%	294%
10	2	79	0.0253	1.00%	1.00%	0.8	0.8	253%	253%
11	2	61	0.0328	1.00%	1.00%	0.6	0.6	328%	328%
12	0	53	0.0000	1.00%	1.00%	0.5	0.5	0%	0%
13	1	62	0.0161	1.00%	1.00%	0.6	0.6	161%	161%
14	1	61	0.0164	1.00%	1.00%	0.6	0.6	164%	164%
15	3	63	0.0476	1.00%	1.00%	0.6	0.6	476%	476%
16	0	61	0.0000	1.00%	1.00%	0.6	0.6	0%	0%
17	3	62	0.0484	1.00%	1.00%	0.6	0.6	484%	484%
18	0	62	0.0000	1.00%	1.00%	0.6	0.6	0%	0%
19	2	44	0.0455	1.00%	1.00%	0.4	0.4	455%	455%
20	0	39	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
21	2	32	0.0625	1.00%	1.00%	0.3	0.3	625%	625%
22	0	25	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
23	1	25	0.0400	1.00%	1.00%	0.3	0.3	400%	400%
24	1	23	0.0435	1.00%	1.00%	0.2	0.2	435%	435%
25	1	20	0.0500	1.00%	1.00%	0.2	0.2	500%	500%
26	1	13	0.0769	1.00%	1.00%	0.1	0.1	769%	769%
27	0	5	0.0000	1.00%	1.00%	0.1	0.1	0%	0%
28	0	4	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
29	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
30	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
Total	89	2,568	0.0347			29.6	36.6	301%	243%
31 or more	0	2	0.0000	1.00%	1.00%	0.0	0.0	0%	0%
Total	89	2,570	0.0346			29.6	36.6	301%	243%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 3C

8-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Actual</u> <u>Withdrawals</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	45	412	0.1092	4.00%	7.00%	16.5	28.8	273%	156%
1	39	876	0.0445	2.00%	3.50%	17.5	30.7	223%	127%
2	25	907	0.0276	1.00%	1.75%	9.1	15.9	276%	158%
3	21	1,014	0.0207	1.00%	1.25%	10.1	12.7	207%	166%
4	14	908	0.0154	1.00%	1.00%	9.1	9.1	154%	154%
5	20	864	0.0231	1.00%	1.00%	8.6	8.6	231%	231%
6	12	763	0.0157	1.00%	1.00%	7.6	7.6	157%	157%
7	7	637	0.0110	1.00%	1.00%	6.4	6.4	110%	110%
8	13	525	0.0248	1.00%	1.00%	5.3	5.3	248%	248%
9	10	409	0.0244	1.00%	1.00%	4.1	4.1	244%	244%
10	4	301	0.0133	1.00%	1.00%	3.0	3.0	133%	133%
11	3	219	0.0137	1.00%	1.00%	2.2	2.2	137%	137%
12	3	205	0.0146	1.00%	1.00%	2.1	2.1	146%	146%
13	3	264	0.0114	1.00%	1.00%	2.6	2.6	114%	114%
14	3	281	0.0107	1.00%	1.00%	2.8	2.8	107%	107%
15	4	297	0.0135	1.00%	1.00%	3.0	3.0	135%	135%
16	2	302	0.0066	1.00%	1.00%	3.0	3.0	66%	66%
17	5	303	0.0165	1.00%	1.00%	3.0	3.0	165%	165%
18	1	318	0.0031	1.00%	1.00%	3.2	3.2	31%	31%
19	6	249	0.0241	1.00%	1.00%	2.5	2.5	241%	241%
20	5	219	0.0228	1.00%	1.00%	2.2	2.2	228%	228%
21	3	185	0.0162	1.00%	1.00%	1.9	1.9	162%	162%
22	0	149	0.0000	1.00%	1.00%	1.5	1.5	0%	0%
23	2	138	0.0145	1.00%	1.00%	1.4	1.4	145%	145%
24	2	123	0.0163	1.00%	1.00%	1.2	1.2	163%	163%
25	2	95	0.0211	1.00%	1.00%	1.0	1.0	211%	211%
26	1	78	0.0128	1.00%	1.00%	0.8	0.8	128%	128%
27	0	49	0.0000	1.00%	1.00%	0.5	0.5	0%	0%
28	0	36	0.0000	1.00%	1.00%	0.4	0.4	0%	0%
29	0	15	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
30	0	19	0.0000	1.00%	1.00%	0.2	0.2	0%	0%
Total	255	11,160	0.0228			132.7	167.6	192%	152%
31 or more	0	26	0.0000	1.00%	1.00%	0.3	0.3	0%	0%
Total	255	11,186	0.0228			133.0	167.8	192%	152%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
WITHDRAWAL EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

Plan Year Ending June 30, (1)	TABLE 3D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Withdrawals (3)	Expected Withdrawals (4)	Actual / Expected (5)	Withdrawal Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	1,325	36	20.6	175%	2.72%	1.55%
2005	1,405	37	22.5	165%	2.63%	1.60%
2006	1,428	29	21.1	138%	2.03%	1.47%
2007	1,434	27	19.9	136%	1.88%	1.39%
2008	1,413	36	19.3	187%	2.55%	1.37%
2009	1,431	19	20.3	94%	1.33%	1.42%
2010	1,391	25	18.9	132%	1.80%	1.36%
2011	1,359	46	17.5	264%	3.38%	1.28%
2012	1,291	7	15.9	44%	0.54%	1.23%
2013	1,242	50	15.1	331%	4.03%	1.22%
Total	13,719	312	190.9	163%	2.27%	1.39%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 4A

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	19	36	0.5278	35.56%	35.56%	12.8	12.8	148%	148%
51	6	9	0.6667	37.78%	37.78%	3.4	3.4	176%	176%
52	7	8	0.8750	35.00%	35.00%	2.8	2.8	250%	250%
53	4	5	0.8000	36.00%	36.00%	1.8	1.8	222%	222%
54	1	2	0.5000	40.00%	40.00%	0.8	0.8	125%	125%
55	0	3	0.0000	40.00%	40.00%	1.2	1.2	0%	0%
56	2	3	0.6667	40.00%	40.00%	1.2	1.2	167%	167%
57	1	23	0.0435	20.87%	20.87%	4.8	4.8	21%	21%
58	0	5	0.0000	20.00%	20.00%	1.0	1.0	0%	0%
59	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
60	1	5	0.2000	36.00%	36.00%	1.8	1.8	56%	56%
61	1	3	0.3333	26.67%	26.67%	0.8	0.8	125%	125%
62	12	61	0.1967	30.98%	30.98%	18.9	18.9	63%	63%
63	9	10	0.9000	22.00%	22.00%	2.2	2.2	409%	409%
64	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
65	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
66	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
67	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
68	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	63	177				54.3	54.3	116%	116%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	63	177				54.3	54.3	116%	116%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 4B

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 Expected Retirements		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	15	28	0.5357	40.00%	40.00%	11.2	11.2	134%	134%
51	5	8	0.6250	40.00%	40.00%	3.2	3.2	156%	156%
52	5	6	0.8333	40.00%	40.00%	2.4	2.4	208%	208%
53	3	4	0.7500	40.00%	40.00%	1.6	1.6	188%	188%
54	1	2	0.5000	40.00%	40.00%	0.8	0.8	125%	125%
55	0	3	0.0000	40.00%	40.00%	1.2	1.2	0%	0%
56	2	3	0.6667	40.00%	40.00%	1.2	1.2	167%	167%
57	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
58	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
59	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
60	1	4	0.2500	40.00%	40.00%	1.6	1.6	63%	63%
61	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
62	2	2	1.0000	60.00%	60.00%	1.2	1.2	167%	167%
63	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
64	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
65	0	0	N/A	60.00%	60.00%	0.0	0.0	0%	0%
66	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
67	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
68	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
69	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	37	63				25.6	25.6	145%	145%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	37	63				25.6	25.6	145%	145%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 4C

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 Expected Retirements		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	4	8	0.5000	20.00%	20.00%	1.6	1.6	250%	250%
51	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
52	2	2	1.0000	20.00%	20.00%	0.4	0.4	500%	500%
53	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
54	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
55	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
56	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
57	0	22	0.0000	20.00%	20.00%	4.4	4.4	0%	0%
58	0	5	0.0000	20.00%	20.00%	1.0	1.0	0%	0%
59	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
60	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
61	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
62	10	59	0.1695	30.00%	30.00%	17.7	17.7	56%	56%
63	8	9	0.8889	20.00%	20.00%	1.8	1.8	444%	444%
64	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
65	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
66	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
67	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
68	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
69	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	26	114				28.7	28.7	91%	91%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	26	114				28.7	28.7	91%	91%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 4A

				10-YEAR PERIOD ENDING 6/30/2013					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual	Total	Actual Rate	Expected	Proposed	Expected	Proposed	Expected	Proposed
(1)	Retirements	Exposed	(2) / (3)	(5)	(6)	(3) x (5)	(3) x (6)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	34	103	0.3301	36.70%	36.70%	37.8	37.8	90%	90%
51	6	13	0.4615	38.46%	38.46%	5.0	5.0	120%	120%
52	11	20	0.5500	38.00%	38.00%	7.6	7.6	145%	145%
53	4	12	0.3333	36.67%	36.67%	4.4	4.4	91%	91%
54	1	9	0.1111	40.00%	40.00%	3.6	3.6	28%	28%
55	2	22	0.0909	29.09%	29.09%	6.4	6.4	31%	31%
56	3	9	0.3333	37.78%	37.78%	3.4	3.4	88%	88%
57	2	41	0.0488	22.93%	22.93%	9.4	9.4	21%	21%
58	0	9	0.0000	24.44%	24.44%	2.2	2.2	0%	0%
59	0	8	0.0000	25.00%	25.00%	2.0	2.0	0%	0%
60	1	8	0.1250	35.00%	35.00%	2.8	2.8	36%	36%
61	2	6	0.3333	23.33%	23.33%	1.4	1.4	143%	143%
62	17	111	0.1532	30.54%	30.54%	33.9	33.9	50%	50%
63	9	15	0.6000	21.33%	21.33%	3.2	3.2	281%	281%
64	0	3	0.0000	26.67%	26.67%	0.8	0.8	0%	0%
65	0	1	0.0000	30.00%	30.00%	0.3	0.3	0%	0%
66	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
67	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
68	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	92	392				124.6	124.6	74%	74%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	92	392				124.6	124.6	74%	74%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 4B

				10-YEAR PERIOD ENDING 6/30/2013					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual	Total	Actual Rate	Expected	Proposed	Expected	Proposed	Expected	Proposed
(1)	Retirements	Exposed	(2) / (3)	(5)	(6)	(3) x (5)	(3) x (6)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	26	86	0.3023	40.00%	40.00%	34.4	34.4	76%	76%
51	5	12	0.4167	40.00%	40.00%	4.8	4.8	104%	104%
52	9	18	0.5000	40.00%	40.00%	7.2	7.2	125%	125%
53	3	10	0.3000	40.00%	40.00%	4.0	4.0	75%	75%
54	1	9	0.1111	40.00%	40.00%	3.6	3.6	28%	28%
55	0	10	0.0000	40.00%	40.00%	4.0	4.0	0%	0%
56	2	8	0.2500	40.00%	40.00%	3.2	3.2	63%	63%
57	1	6	0.1667	40.00%	40.00%	2.4	2.4	42%	42%
58	0	2	0.0000	40.00%	40.00%	0.8	0.8	0%	0%
59	0	2	0.0000	40.00%	40.00%	0.8	0.8	0%	0%
60	1	6	0.1667	40.00%	40.00%	2.4	2.4	42%	42%
61	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
62	2	2	1.0000	60.00%	60.00%	1.2	1.2	167%	167%
63	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
64	0	1	0.0000	40.00%	40.00%	0.4	0.4	0%	0%
65	0	0	N/A	60.00%	60.00%	0.0	0.0	0%	0%
66	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
67	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
68	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
69	0	0	N/A	40.00%	40.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	52	174				70.0	70.0	74%	74%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	52	174				70.0	70.0	74%	74%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN FIRST YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 4C

				10-YEAR PERIOD ENDING 6/30/2013					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual	Total	Actual Rate	Expected	Proposed	Expected	Proposed	Expected	Proposed
(1)	Retirements	Exposed	(2) / (3)	(5)	(6)	(3) x (5)	(3) x (6)	(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	8	17	0.4706	20.00%	20.00%	3.4	3.4	235%	235%
51	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
52	2	2	1.0000	20.00%	20.00%	0.4	0.4	500%	500%
53	1	2	0.5000	20.00%	20.00%	0.4	0.4	250%	250%
54	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
55	2	12	0.1667	20.00%	20.00%	2.4	2.4	83%	83%
56	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
57	1	35	0.0286	20.00%	20.00%	7.0	7.0	14%	14%
58	0	7	0.0000	20.00%	20.00%	1.4	1.4	0%	0%
59	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
60	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
61	1	5	0.2000	20.00%	20.00%	1.0	1.0	100%	100%
62	15	109	0.1376	30.00%	30.00%	32.7	32.7	46%	46%
63	8	14	0.5714	20.00%	20.00%	2.8	2.8	286%	286%
64	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
65	0	1	0.0000	30.00%	30.00%	0.3	0.3	0%	0%
66	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
67	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
68	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
69	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	40	218				54.6	54.6	73%	73%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	40	218				54.6	54.6	73%	73%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 5A

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	12	0.0000	18.75%	18.75%	2.3	2.3	0%	0%
52	1	2	0.5000	20.00%	20.00%	0.4	0.4	250%	250%
53	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
54	0	2	0.0000	17.50%	17.50%	0.4	0.4	0%	0%
55	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
56	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
57	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
58	1	18	0.0556	15.28%	15.28%	2.8	2.8	36%	36%
59	1	4	0.2500	15.00%	15.00%	0.6	0.6	167%	167%
60	0	4	0.0000	16.25%	16.25%	0.7	0.7	0%	0%
61	0	4	0.0000	18.75%	18.75%	0.8	0.8	0%	0%
62	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
63	7	45	0.1556	15.00%	15.00%	6.8	6.8	104%	104%
64	3	5	0.6000	15.00%	15.00%	0.8	0.8	400%	400%
65	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
66	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
67	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
68	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	13	107				17.6	17.6	74%	74%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	13	107				17.6	17.6	74%	74%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 5B

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	9	0.0000	20.00%	20.00%	1.8	1.8	0%	0%
52	1	2	0.5000	20.00%	20.00%	0.4	0.4	250%	250%
53	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
54	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
55	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
56	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
57	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
58	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
59	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
60	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
61	0	3	0.0000	20.00%	20.00%	0.6	0.6	0%	0%
62	0	0	N/A	25.00%	25.00%	0.0	0.0	0%	0%
63	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
64	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
65	0	0	N/A	25.00%	25.00%	0.0	0.0	0%	0%
66	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
67	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
68	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
69	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	2	22				4.4	4.4	45%	45%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	2	22				4.4	4.4	45%	45%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 5C

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		4-YEAR PERIOD ENDING 6/30/2013 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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	3	0.0000	15.00%	15.00%	0.5	0.5	0%	0%
52	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
53	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
54	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
55	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
56	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
57	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
58	0	17	0.0000	15.00%	15.00%	2.6	2.6	0%	0%
59	1	4	0.2500	15.00%	15.00%	0.6	0.6	167%	167%
60	0	3	0.0000	15.00%	15.00%	0.5	0.5	0%	0%
61	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
62	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
63	7	45	0.1556	15.00%	15.00%	6.8	6.8	104%	104%
64	3	5	0.6000	15.00%	15.00%	0.8	0.8	400%	400%
65	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
66	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
67	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
68	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
69	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	11	85				13.2	13.2	84%	84%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	11	85				13.2	13.2	84%	84%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 5A

				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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	12	61	0.1967	19.18%	19.18%	11.7	11.7	103%	103%
52	6	11	0.5455	18.64%	18.64%	2.1	2.1	293%	293%
53	6	11	0.5455	19.09%	19.09%	2.1	2.1	286%	286%
54	3	8	0.3750	19.38%	19.38%	1.6	1.6	194%	194%
55	5	10	0.5000	19.50%	19.50%	2.0	2.0	256%	256%
56	6	22	0.2727	17.05%	17.05%	3.8	3.8	160%	160%
57	1	4	0.2500	18.75%	18.75%	0.8	0.8	133%	133%
58	6	34	0.1765	15.44%	15.44%	5.3	5.3	114%	114%
59	1	8	0.1250	16.25%	16.25%	1.3	1.3	77%	77%
60	1	10	0.1000	16.00%	16.00%	1.6	1.6	63%	63%
61	0	5	0.0000	18.00%	18.00%	0.9	0.9	0%	0%
62	0	4	0.0000	25.00%	25.00%	1.0	1.0	0%	0%
63	14	78	0.1795	15.00%	15.00%	11.7	11.7	120%	120%
64	3	9	0.3333	15.00%	15.00%	1.4	1.4	222%	222%
65	1	3	0.3333	25.00%	25.00%	0.8	0.8	133%	133%
66	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
67	0	2	0.0000	15.00%	15.00%	0.3	0.3	0%	0%
68	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	65	282				48.3	48.3	135%	135%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	65	282				48.3	48.3	135%	135%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 5B

				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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	9	51	0.1765	20.00%	20.00%	10.2	10.2	88%	88%
52	3	8	0.3750	20.00%	20.00%	1.6	1.6	188%	188%
53	4	9	0.4444	20.00%	20.00%	1.8	1.8	222%	222%
54	3	7	0.4286	20.00%	20.00%	1.4	1.4	214%	214%
55	4	9	0.4444	20.00%	20.00%	1.8	1.8	222%	222%
56	0	9	0.0000	20.00%	20.00%	1.8	1.8	0%	0%
57	0	3	0.0000	20.00%	20.00%	0.6	0.6	0%	0%
58	3	3	1.0000	20.00%	20.00%	0.6	0.6	500%	500%
59	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
60	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
61	0	3	0.0000	20.00%	20.00%	0.6	0.6	0%	0%
62	0	0	N/A	25.00%	25.00%	0.0	0.0	0%	0%
63	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
64	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
65	1	1	1.0000	25.00%	25.00%	0.3	0.3	400%	400%
66	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
67	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
68	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
69	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	27	107				21.5	21.5	126%	126%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	27	107				21.5	21.5	126%	126%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE IN SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 5C

10-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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	3	10	0.3000	15.00%	15.00%	1.5	1.5	200%	200%
52	3	3	1.0000	15.00%	15.00%	0.5	0.5	667%	667%
53	2	2	1.0000	15.00%	15.00%	0.3	0.3	667%	667%
54	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
55	1	1	1.0000	15.00%	15.00%	0.2	0.2	667%	667%
56	6	13	0.4615	15.00%	15.00%	2.0	2.0	308%	308%
57	1	1	1.0000	15.00%	15.00%	0.2	0.2	667%	667%
58	3	31	0.0968	15.00%	15.00%	4.7	4.7	65%	65%
59	1	6	0.1667	15.00%	15.00%	0.9	0.9	111%	111%
60	1	8	0.1250	15.00%	15.00%	1.2	1.2	83%	83%
61	0	2	0.0000	15.00%	15.00%	0.3	0.3	0%	0%
62	0	4	0.0000	25.00%	25.00%	1.0	1.0	0%	0%
63	14	78	0.1795	15.00%	15.00%	11.7	11.7	120%	120%
64	3	9	0.3333	15.00%	15.00%	1.4	1.4	222%	222%
65	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
66	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
67	0	2	0.0000	15.00%	15.00%	0.3	0.3	0%	0%
68	0	1	0.0000	15.00%	15.00%	0.2	0.2	0%	0%
69	0	0	N/A	15.00%	15.00%	0.0	0.0	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	38	175				26.9	26.9	142%	142%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	38	175				26.9	26.9	142%	142%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 6A

4-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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	0	12	0.0000	13.33%	13.33%	1.6	1.6	0%	0%
53	4	15	0.2667	13.67%	13.67%	2.1	2.1	195%	195%
54	2	14	0.1429	13.93%	13.93%	2.0	2.0	103%	103%
55	3	18	0.1667	13.89%	13.89%	2.5	2.5	120%	120%
56	2	12	0.1667	14.58%	14.58%	1.8	1.8	114%	114%
57	4	13	0.3077	13.46%	13.46%	1.8	1.8	229%	229%
58	2	11	0.1818	13.64%	13.64%	1.5	1.5	133%	133%
59	0	22	0.0000	11.59%	11.59%	2.6	2.6	0%	0%
60	3	30	0.1000	11.67%	11.67%	3.5	3.5	86%	86%
61	5	23	0.2174	15.00%	15.00%	3.5	3.5	145%	145%
62	3	20	0.1500	21.50%	21.50%	4.3	4.3	70%	70%
63	3	16	0.1875	15.31%	15.31%	2.5	2.5	122%	122%
64	6	37	0.1622	15.00%	15.00%	5.6	5.6	108%	108%
65	6	28	0.2143	20.00%	20.00%	5.6	5.6	107%	107%
66	4	25	0.1600	15.20%	15.20%	3.8	3.8	105%	105%
67	2	19	0.1053	15.26%	15.26%	2.9	2.9	69%	69%
68	4	16	0.2500	15.31%	15.31%	2.5	2.5	163%	163%
69	2	11	0.1818	15.45%	15.45%	1.7	1.7	118%	118%
70	1	6	0.1667	100.00%	100.00%	6.0	6.0	17%	17%
Subtotal	56	348				57.4	57.4	98%	98%
Other	3	16	0.1875	100.00%	100.00%	16.0	16.0	19%	19%
Total	59	364				73.4	73.4	80%	80%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 6B

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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	0	8	0.0000	15.00%	15.00%	1.2	1.2	0%	0%
53	3	11	0.2727	15.00%	15.00%	1.7	1.7	182%	182%
54	1	11	0.0909	15.00%	15.00%	1.7	1.7	61%	61%
55	2	14	0.1429	15.00%	15.00%	2.1	2.1	95%	95%
56	2	11	0.1818	15.00%	15.00%	1.7	1.7	121%	121%
57	3	9	0.3333	15.00%	15.00%	1.4	1.4	222%	222%
58	2	8	0.2500	15.00%	15.00%	1.2	1.2	167%	167%
59	0	7	0.0000	15.00%	15.00%	1.1	1.1	0%	0%
60	1	10	0.1000	15.00%	15.00%	1.5	1.5	67%	67%
61	4	10	0.4000	15.00%	15.00%	1.5	1.5	267%	267%
62	3	6	0.5000	25.00%	25.00%	1.5	1.5	200%	200%
63	1	1	1.0000	20.00%	20.00%	0.2	0.2	500%	500%
64	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
65	0	0	N/A	25.00%	25.00%	0.0	0.0	0%	0%
66	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
67	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
68	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
69	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	22	110				17.4	17.4	127%	127%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	22	110				17.4	17.4	127%	127%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 6C

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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	0	4	0.0000	10.00%	10.00%	0.4	0.4	0%	0%
53	1	4	0.2500	10.00%	10.00%	0.4	0.4	250%	250%
54	1	3	0.3333	10.00%	10.00%	0.3	0.3	333%	333%
55	1	4	0.2500	10.00%	10.00%	0.4	0.4	250%	250%
56	0	1	0.0000	10.00%	10.00%	0.1	0.1	0%	0%
57	1	4	0.2500	10.00%	10.00%	0.4	0.4	250%	250%
58	0	3	0.0000	10.00%	10.00%	0.3	0.3	0%	0%
59	0	15	0.0000	10.00%	10.00%	1.5	1.5	0%	0%
60	2	20	0.1000	10.00%	10.00%	2.0	2.0	100%	100%
61	1	13	0.0769	15.00%	15.00%	2.0	2.0	51%	51%
62	0	14	0.0000	20.00%	20.00%	2.8	2.8	0%	0%
63	2	15	0.1333	15.00%	15.00%	2.3	2.3	89%	89%
64	6	37	0.1622	15.00%	15.00%	5.6	5.6	108%	108%
65	6	28	0.2143	20.00%	20.00%	5.6	5.6	107%	107%
66	4	24	0.1667	15.00%	15.00%	3.6	3.6	111%	111%
67	2	18	0.1111	15.00%	15.00%	2.7	2.7	74%	74%
68	4	15	0.2667	15.00%	15.00%	2.3	2.3	178%	178%
69	2	10	0.2000	15.00%	15.00%	1.5	1.5	133%	133%
70	1	6	0.1667	100.00%	100.00%	6.0	6.0	17%	17%
Subtotal	34	238				40.0	40.0	85%	85%
Other	3	16	0.1875	100.00%	100.00%	16.0	16.0	19%	19%
Total	37	254				56.0	56.0	66%	66%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
TOTAL - MEN AND WOMEN

TABLE 6A				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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	9	51	0.1765	14.12%	14.12%	7.2	7.2	125%	125%
53	11	48	0.2292	14.48%	14.48%	7.0	7.0	158%	158%
54	13	45	0.2889	14.44%	14.44%	6.5	6.5	200%	200%
55	8	43	0.1860	14.19%	14.19%	6.1	6.1	131%	131%
56	10	38	0.2632	14.61%	14.61%	5.6	5.6	180%	180%
57	17	42	0.4048	13.81%	13.81%	5.8	5.8	293%	293%
58	11	31	0.3548	13.23%	13.23%	4.1	4.1	268%	268%
59	2	44	0.0455	11.36%	11.36%	5.0	5.0	40%	40%
60	6	45	0.1333	11.67%	11.67%	5.3	5.3	114%	114%
61	13	42	0.3095	15.00%	15.00%	6.3	6.3	206%	206%
62	6	33	0.1818	21.36%	21.36%	7.1	7.1	85%	85%
63	4	26	0.1538	15.58%	15.58%	4.1	4.1	99%	99%
64	11	70	0.1571	15.14%	15.14%	10.6	10.6	104%	104%
65	13	57	0.2281	20.18%	20.18%	11.5	11.5	113%	113%
66	7	44	0.1591	15.23%	15.23%	6.7	6.7	104%	104%
67	4	31	0.1290	15.16%	15.16%	4.7	4.7	85%	85%
68	6	26	0.2308	15.19%	15.19%	4.0	4.0	152%	152%
69	5	21	0.2381	15.24%	15.24%	3.2	3.2	156%	156%
70	2	14	0.1429	100.00%	100.00%	14.0	14.0	14%	14%
Subtotal	158	751				124.5	124.5	127%	127%
Other	8	44	0.1818	100.00%	100.00%	44.0	44.0	18%	18%
Total	166	795				168.5	168.5	99%	99%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - ELECTED RETIREMENT BENEFIT

TABLE 6B

				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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	6	42	0.1429	15.00%	15.00%	6.3	6.3	95%	95%
53	9	43	0.2093	15.00%	15.00%	6.5	6.5	140%	140%
54	10	40	0.2500	15.00%	15.00%	6.0	6.0	167%	167%
55	4	36	0.1111	15.00%	15.00%	5.4	5.4	74%	74%
56	8	35	0.2286	15.00%	15.00%	5.3	5.3	152%	152%
57	12	32	0.3750	15.00%	15.00%	4.8	4.8	250%	250%
58	8	20	0.4000	15.00%	15.00%	3.0	3.0	267%	267%
59	1	12	0.0833	15.00%	15.00%	1.8	1.8	56%	56%
60	2	15	0.1333	15.00%	15.00%	2.3	2.3	89%	89%
61	7	15	0.4667	15.00%	15.00%	2.3	2.3	311%	311%
62	4	9	0.4444	25.00%	25.00%	2.3	2.3	178%	178%
63	1	3	0.3333	20.00%	20.00%	0.6	0.6	167%	167%
64	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
65	0	2	0.0000	25.00%	25.00%	0.5	0.5	0%	0%
66	1	2	0.5000	20.00%	20.00%	0.4	0.4	250%	250%
67	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
68	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
69	0	1	0.0000	20.00%	20.00%	0.2	0.2	0%	0%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	73	311				48.3	48.3	151%	151%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	73	311				48.3	48.3	151%	151%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF THOSE AFTER SECOND YEAR OF ELIGIBILITY
MEN AND WOMEN - MANDATED RETIREMENT BENEFIT

TABLE 6C

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2013 Expected Retirements		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	3	9	0.3333	10.00%	10.00%	0.9	0.9	333%	333%
53	2	5	0.4000	10.00%	10.00%	0.5	0.5	400%	400%
54	3	5	0.6000	10.00%	10.00%	0.5	0.5	600%	600%
55	4	7	0.5714	10.00%	10.00%	0.7	0.7	571%	571%
56	2	3	0.6667	10.00%	10.00%	0.3	0.3	667%	667%
57	5	10	0.5000	10.00%	10.00%	1.0	1.0	500%	500%
58	3	11	0.2727	10.00%	10.00%	1.1	1.1	273%	273%
59	1	32	0.0313	10.00%	10.00%	3.2	3.2	31%	31%
60	4	30	0.1333	10.00%	10.00%	3.0	3.0	133%	133%
61	6	27	0.2222	15.00%	15.00%	4.1	4.1	148%	148%
62	2	24	0.0833	20.00%	20.00%	4.8	4.8	42%	42%
63	3	23	0.1304	15.00%	15.00%	3.5	3.5	87%	87%
64	11	68	0.1618	15.00%	15.00%	10.2	10.2	108%	108%
65	13	55	0.2364	20.00%	20.00%	11.0	11.0	118%	118%
66	6	42	0.1429	15.00%	15.00%	6.3	6.3	95%	95%
67	4	30	0.1333	15.00%	15.00%	4.5	4.5	89%	89%
68	6	25	0.2400	15.00%	15.00%	3.8	3.8	160%	160%
69	5	20	0.2500	15.00%	15.00%	3.0	3.0	167%	167%
70	2	14	0.1429	100.00%	100.00%	14.0	14.0	14%	14%
Subtotal	85	440				76.3	76.3	111%	111%
Other	8	44	0.1818	100.00%	100.00%	44.0	44.0	18%	18%
Total	93	484				120.3	120.3	77%	77%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF ACTIVE MEMBERS WITH UNREDUCED SERVICE
TOTAL - MEN AND WOMEN

Plan Year Ending June 30,	TABLE 6D Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Retirements	Expected Retirements	Actual / Expected	Retirement Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004	153	57	58.7	97%	37.25%	38.37%
2005	149	31	61.3	51%	20.81%	41.16%
2006	158	54	59.1	91%	34.18%	37.39%
2007	138	41	50.7	81%	29.71%	36.74%
2008	142	41	53.5	77%	28.87%	37.68%
2009	150	33	59.3	56%	22.00%	39.51%
2010	163	37	65.2	57%	22.70%	40.01%
2011	162	30	61.8	49%	18.52%	38.15%
2012	171	46	65.5	70%	26.90%	38.27%
2013	158	28	61.1	46%	17.72%	38.68%
Total	1,544	398	596.2	67%	25.78%	38.61%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF ACTIVE MEMBERS WITH REDUCED SERVICE
TOTAL - MEN AND WOMEN

TABLE 7A				4-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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
48	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
49	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
50	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
51	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
52	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
53	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
54	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
55	9	96	0.0938	2.00%	2.00%	1.9	1.9	469%	469%
56	4	82	0.0488	2.00%	2.00%	1.6	1.6	244%	244%
57	7	79	0.0886	2.00%	2.00%	1.6	1.6	443%	443%
58	13	74	0.1757	2.00%	2.00%	1.5	1.5	878%	878%
59	8	65	0.1231	3.00%	3.00%	2.0	2.0	410%	410%
60	8	65	0.1231	4.00%	4.00%	2.6	2.6	308%	308%
61	4	59	0.0678	5.00%	5.00%	3.0	3.0	136%	136%
62	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
63	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
64	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
65	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
66	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
67	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
68	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	55	522				14.1	14.1	390%	390%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	55	522				14.1	14.1	390%	390%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF ACTIVE MEMBERS WITH REDUCED SERVICE
TOTAL - MEN AND WOMEN

TABLE 7A				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	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
41	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
42	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
43	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
44	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
45	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
46	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
47	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
48	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
49	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
50	11	11	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
51	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
52	2	2	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
53	3	3	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
54	5	5	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
55	19	221	0.0860	2.00%	2.00%	4.4	4.4	430%	430%
56	11	199	0.0553	2.00%	2.00%	4.0	4.0	276%	276%
57	15	188	0.0798	2.00%	2.00%	3.8	3.8	399%	399%
58	16	163	0.0982	2.00%	2.00%	3.3	3.3	491%	491%
59	12	146	0.0822	3.00%	3.00%	4.4	4.4	274%	274%
60	15	135	0.1111	4.00%	4.00%	5.4	5.4	278%	278%
61	9	121	0.0744	5.00%	5.00%	6.1	6.1	149%	149%
62	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
63	2	2	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
64	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
65	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
66	1	1	1.0000	0.00%	0.00%	0.0	0.0	0%	0%
67	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
68	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
69	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Subtotal	127	1,203				31.3	31.3	406%	406%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	127	1,203				31.3	31.3	406%	406%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
RETIREMENT EXPERIENCE OF ACTIVE MEMBERS WITH REDUCED SERVICE
TOTAL - MEN AND WOMEN

Plan Year Ending June 30,	TABLE 7B Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Retirements	Expected Retirements	Actual / Expected	Retirement Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004	80	0	2.1	0%	0.00%	2.60%
2005	86	2	2.1	96%	2.33%	2.43%
2006	99	0	2.5	0%	0.00%	2.47%
2007	110	1	2.9	35%	0.91%	2.61%
2008	118	0	3.3	0%	0.00%	2.76%
2009	119	0	3.3	0%	0.00%	2.74%
2010	130	5	3.6	139%	3.85%	2.77%
2011	131	14	3.6	392%	10.69%	2.73%
2012	126	9	3.4	268%	7.14%	2.67%
2013	129	21	3.5	607%	16.28%	2.68%
Total	1,128	52	30.0	173%	4.61%	2.66%

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

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 8A				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%	0.040%	0	0	0%	0%
21	0	3	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
22	0	10	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
23	0	15	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
24	0	25	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
25	0	29	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
26	0	30	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
27	0	43	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
28	0	50	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
29	0	65	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
30	0	71	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
31	0	86	0.00000	0.042%	0.042%	0.0	0.0	0%	0%
32	0	92	0.00000	0.044%	0.044%	0.0	0.0	0%	0%
33	0	105	0.00000	0.046%	0.046%	0.0	0.0	0%	0%
34	0	116	0.00000	0.048%	0.048%	0.1	0.1	0%	0%
35	0	128	0.00000	0.050%	0.050%	0.1	0.1	0%	0%
36	0	151	0.00000	0.052%	0.052%	0.1	0.1	0%	0%
37	0	157	0.00000	0.054%	0.054%	0.1	0.1	0%	0%
38	1	169	0.00592	0.056%	0.056%	0.1	0.1	1057%	1057%
39	0	173	0.00000	0.058%	0.058%	0.1	0.1	0%	0%
40	0	171	0.00000	0.060%	0.060%	0.1	0.1	0%	0%
41	0	175	0.00000	0.070%	0.070%	0.1	0.1	0%	0%
42	0	173	0.00000	0.080%	0.080%	0.1	0.1	0%	0%
43	0	156	0.00000	0.090%	0.090%	0.1	0.1	0%	0%
44	0	143	0.00000	0.100%	0.100%	0.1	0.1	0%	0%
45	0	151	0.00000	0.110%	0.110%	0.2	0.2	0%	0%
46	0	164	0.00000	0.120%	0.120%	0.2	0.2	0%	0%
47	0	181	0.00000	0.130%	0.130%	0.2	0.2	0%	0%
48	0	185	0.00000	0.140%	0.140%	0.3	0.3	0%	0%
49	0	175	0.00000	0.150%	0.150%	0.3	0.3	0%	0%
50	0	183	0.00000	0.160%	0.160%	0.3	0.3	0%	0%
51	1	164	0.00610	0.170%	0.170%	0.3	0.3	359%	359%
52	0	176	0.00000	0.180%	0.180%	0.3	0.3	0%	0%
53	0	176	0.00000	0.190%	0.190%	0.3	0.3	0%	0%
54	0	153	0.00000	0.200%	0.200%	0.3	0.3	0%	0%
55	0	148	0.00000	0.210%	0.210%	0.3	0.3	0%	0%
56	0	121	0.00000	0.220%	0.220%	0.3	0.3	0%	0%
57	1	116	0.00862	0.230%	0.230%	0.3	0.3	375%	375%
58	1	110	0.00909	0.240%	0.240%	0.3	0.3	379%	379%
59	0	98	0.00000	0.250%	0.250%	0.2	0.2	0%	0%
60	0	93	0.00000	0.260%	0.260%	0.2	0.2	0%	0%
61	0	77	0.00000	0.270%	0.270%	0.2	0.2	0%	0%
62	0	68	0.00000	0.280%	0.280%	0.2	0.2	0%	0%
63	0	61	0.00000	0.290%	0.290%	0.2	0.2	0%	0%
64	0	40	0.00000	0.300%	0.300%	0.1	0.1	0%	0%
65	0	27	0.00000	0.320%	0.320%	0.1	0.1	0%	0%
66	0	21	0.00000	0.350%	0.350%	0.1	0.1	0%	0%
67	0	17	0.00000	0.390%	0.390%	0.1	0.1	0%	0%
68	0	13	0.00000	0.440%	0.440%	0.1	0.1	0%	0%
69	0	12	0.00000	0.500%	0.500%	0.1	0.1	0%	0%
70	0	3	0.00000	N/A	N/A	0	0	0%	0%
71	0	2	0.00000	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	4	5,071				6.7	6.7	60%	60%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN**

TABLE 8B				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%	0.020%	0	0	0%	0%
21	0	0	N/A	0.020%	0.020%	0	0	0%	0%
22	0	0	N/A	0.020%	0.020%	0	0	0%	0%
23	0	1	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
24	0	3	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
25	0	6	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
26	0	7	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
27	0	6	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
28	0	7	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
29	0	11	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
30	0	14	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
31	0	17	0.00000	0.021%	0.021%	0.0	0.0	0%	0%
32	0	26	0.00000	0.022%	0.022%	0.0	0.0	0%	0%
33	0	25	0.00000	0.023%	0.023%	0.0	0.0	0%	0%
34	0	27	0.00000	0.024%	0.024%	0.0	0.0	0%	0%
35	0	30	0.00000	0.025%	0.025%	0.0	0.0	0%	0%
36	0	37	0.00000	0.026%	0.026%	0.0	0.0	0%	0%
37	0	42	0.00000	0.027%	0.027%	0.0	0.0	0%	0%
38	0	44	0.00000	0.028%	0.028%	0.0	0.0	0%	0%
39	0	45	0.00000	0.029%	0.029%	0.0	0.0	0%	0%
40	0	40	0.00000	0.030%	0.030%	0.0	0.0	0%	0%
41	0	41	0.00000	0.035%	0.035%	0.0	0.0	0%	0%
42	0	52	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
43	0	57	0.00000	0.045%	0.045%	0.0	0.0	0%	0%
44	1	58	0.01724	0.050%	0.050%	0.0	0.0	3448%	3448%
45	0	67	0.00000	0.055%	0.055%	0.0	0.0	0%	0%
46	0	61	0.00000	0.060%	0.060%	0.0	0.0	0%	0%
47	0	56	0.00000	0.065%	0.065%	0.0	0.0	0%	0%
48	0	53	0.00000	0.070%	0.070%	0.0	0.0	0%	0%
49	0	63	0.00000	0.075%	0.075%	0.0	0.0	0%	0%
50	0	52	0.00000	0.080%	0.080%	0.0	0.0	0%	0%
51	0	46	0.00000	0.085%	0.085%	0.0	0.0	0%	0%
52	0	47	0.00000	0.090%	0.090%	0.0	0.0	0%	0%
53	0	29	0.00000	0.095%	0.095%	0.0	0.0	0%	0%
54	0	30	0.00000	0.100%	0.100%	0.0	0.0	0%	0%
55	0	26	0.00000	0.105%	0.105%	0.0	0.0	0%	0%
56	0	18	0.00000	0.110%	0.110%	0.0	0.0	0%	0%
57	0	22	0.00000	0.115%	0.115%	0.0	0.0	0%	0%
58	0	25	0.00000	0.120%	0.120%	0.0	0.0	0%	0%
59	0	23	0.00000	0.125%	0.125%	0.0	0.0	0%	0%
60	0	28	0.00000	0.130%	0.130%	0.0	0.0	0%	0%
61	0	28	0.00000	0.135%	0.135%	0.0	0.0	0%	0%
62	0	24	0.00000	0.140%	0.140%	0.0	0.0	0%	0%
63	0	19	0.00000	0.145%	0.145%	0.0	0.0	0%	0%
64	0	12	0.00000	0.150%	0.150%	0.0	0.0	0%	0%
65	0	7	0.00000	0.160%	0.160%	0.0	0.0	0%	0%
66	0	9	0.00000	0.175%	0.175%	0.0	0.0	0%	0%
67	0	4	0.00000	0.195%	0.195%	0.0	0.0	0%	0%
68	0	4	0.00000	0.220%	0.220%	0.0	0.0	0%	0%
69	0	1	0.00000	0.250%	0.250%	0.0	0.0	0%	0%
70	0	0	N/A	N/A	N/A	0	0	0%	0%
71	0	0	N/A	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	1	1,350				0.9	0.9	112%	112%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 8C				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	0.000%	0.000%	0	0	0%	0%
21	0	3	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
22	0	10	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
23	0	16	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
24	0	28	0.00000	0.038%	0.038%	0.0	0.0	0%	0%
25	0	35	0.00000	0.037%	0.037%	0.0	0.0	0%	0%
26	0	37	0.00000	0.036%	0.036%	0.0	0.0	0%	0%
27	0	49	0.00000	0.038%	0.038%	0.0	0.0	0%	0%
28	0	57	0.00000	0.038%	0.038%	0.0	0.0	0%	0%
29	0	76	0.00000	0.037%	0.037%	0.0	0.0	0%	0%
30	0	85	0.00000	0.037%	0.037%	0.0	0.0	0%	0%
31	0	103	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
32	0	118	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
33	0	130	0.00000	0.042%	0.042%	0.1	0.1	0%	0%
34	0	143	0.00000	0.043%	0.043%	0.1	0.1	0%	0%
35	0	158	0.00000	0.045%	0.045%	0.1	0.1	0%	0%
36	0	188	0.00000	0.047%	0.047%	0.1	0.1	0%	0%
37	0	199	0.00000	0.048%	0.048%	0.1	0.1	0%	0%
38	1	213	0.00469	0.050%	0.050%	0.1	0.1	935%	935%
39	0	218	0.00000	0.052%	0.052%	0.1	0.1	0%	0%
40	0	211	0.00000	0.054%	0.054%	0.1	0.1	0%	0%
41	0	216	0.00000	0.063%	0.063%	0.1	0.1	0%	0%
42	0	225	0.00000	0.071%	0.071%	0.2	0.2	0%	0%
43	0	213	0.00000	0.078%	0.078%	0.2	0.2	0%	0%
44	1	201	0.00498	0.086%	0.086%	0.2	0.2	581%	581%
45	0	218	0.00000	0.093%	0.093%	0.2	0.2	0%	0%
46	0	225	0.00000	0.104%	0.104%	0.2	0.2	0%	0%
47	0	237	0.00000	0.115%	0.115%	0.3	0.3	0%	0%
48	0	238	0.00000	0.124%	0.124%	0.3	0.3	0%	0%
49	0	238	0.00000	0.130%	0.130%	0.3	0.3	0%	0%
50	0	235	0.00000	0.142%	0.142%	0.3	0.3	0%	0%
51	1	210	0.00476	0.151%	0.151%	0.3	0.3	315%	315%
52	0	223	0.00000	0.161%	0.161%	0.4	0.4	0%	0%
53	0	205	0.00000	0.177%	0.177%	0.4	0.4	0%	0%
54	0	183	0.00000	0.184%	0.184%	0.3	0.3	0%	0%
55	0	174	0.00000	0.194%	0.194%	0.3	0.3	0%	0%
56	0	139	0.00000	0.206%	0.206%	0.3	0.3	0%	0%
57	1	138	0.00725	0.212%	0.212%	0.3	0.3	342%	342%
58	1	135	0.00741	0.218%	0.218%	0.3	0.3	340%	340%
59	0	121	0.00000	0.226%	0.226%	0.3	0.3	0%	0%
60	0	121	0.00000	0.230%	0.230%	0.3	0.3	0%	0%
61	0	105	0.00000	0.234%	0.234%	0.2	0.2	0%	0%
62	0	92	0.00000	0.243%	0.243%	0.2	0.2	0%	0%
63	0	80	0.00000	0.256%	0.256%	0.2	0.2	0%	0%
64	0	52	0.00000	0.265%	0.265%	0.1	0.1	0%	0%
65	0	34	0.00000	0.287%	0.287%	0.1	0.1	0%	0%
66	0	30	0.00000	0.298%	0.298%	0.1	0.1	0%	0%
67	0	21	0.00000	0.353%	0.353%	0.1	0.1	0%	0%
68	0	17	0.00000	0.388%	0.388%	0.1	0.1	0%	0%
69	0	13	0.00000	0.481%	0.481%	0.1	0.1	0%	0%
70	0	3	0.00000	0.000%	0.000%	0	0	0%	0%
71	0	2	0.00000	0.000%	0.000%	0	0	0%	0%
72	0	0	N/A	0.000%	0.000%	0	0	0%	0%
73	0	0	N/A	0.000%	0.000%	0	0	0%	0%
74	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	5	6,421				7.6	7.6	66%	66%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 8A 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	53	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
25-29	0	217	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
30-34	0	470	0.00000	0.044%	0.044%	0.2	0.2	0%	0%
35-39	1	778	0.00129	0.054%	0.054%	0.4	0.4	237%	237%
40-44	0	818	0.00000	0.079%	0.079%	0.6	0.6	0%	0%
45-49	0	856	0.00000	0.131%	0.131%	1.1	1.1	0%	0%
50-54	1	852	0.00117	0.179%	0.179%	1.5	1.5	65%	65%
55-59	2	593	0.00337	0.228%	0.228%	1.4	1.4	148%	148%
60-64	0	339	0.00000	0.276%	0.276%	0.9	0.9	0%	0%
65-69	0	90	0.00000	0.382%	0.382%	0.3	0.3	0%	0%
70-74	0	5	0.00000	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	4	5,071				6.7	6.7	60%	60%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 8B 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)
20-24	0	4	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
25-29	0	37	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
30-34	0	109	0.00000	0.022%	0.022%	0.0	0.0	0%	0%
35-39	0	198	0.00000	0.027%	0.027%	0.1	0.1	0%	0%
40-44	1	248	0.00403	0.041%	0.041%	0.1	0.1	982%	982%
45-49	0	300	0.00000	0.065%	0.065%	0.2	0.2	0%	0%
50-54	0	204	0.00000	0.089%	0.089%	0.2	0.2	0%	0%
55-59	0	114	0.00000	0.115%	0.115%	0.1	0.1	0%	0%
60-64	0	111	0.00000	0.138%	0.138%	0.2	0.2	0%	0%
65-69	0	25	0.00000	0.184%	0.184%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	1	1,350				0.9	0.9	112%	112%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 8C 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	57	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
25-29	0	254	0.00000	0.037%	0.037%	0.1	0.1	0%	0%
30-34	0	579	0.00000	0.040%	0.040%	0.2	0.2	0%	0%
35-39	1	976	0.00102	0.049%	0.049%	0.5	0.5	210%	210%
40-44	1	1,066	0.00094	0.070%	0.070%	0.7	0.7	134%	134%
45-49	0	1,156	0.00000	0.114%	0.114%	1.3	1.3	0%	0%
50-54	1	1,056	0.00095	0.162%	0.162%	1.7	1.7	59%	59%
55-59	2	707	0.00283	0.210%	0.210%	1.5	1.5	135%	135%
60-64	0	450	0.00000	0.242%	0.242%	1.1	1.1	0%	0%
65-69	0	115	0.00000	0.339%	0.339%	0.4	0.4	0%	0%
70-74	0	5	0.00000	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	5	6,421				7.6	7.6	66%	66%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 8A				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	2	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
21	0	13	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
22	0	23	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
23	0	44	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
24	0	66	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
25	0	89	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
26	0	112	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
27	0	138	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
28	0	147	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
29	0	185	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
30	0	223	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
31	0	257	0.00000	0.042%	0.042%	0.1	0.1	0%	0%
32	0	284	0.00000	0.044%	0.044%	0.1	0.1	0%	0%
33	1	307	0.00326	0.046%	0.046%	0.1	0.1	708%	708%
34	0	337	0.00000	0.048%	0.048%	0.2	0.2	0%	0%
35	0	353	0.00000	0.050%	0.050%	0.2	0.2	0%	0%
36	0	358	0.00000	0.052%	0.052%	0.2	0.2	0%	0%
37	0	367	0.00000	0.054%	0.054%	0.2	0.2	0%	0%
38	1	384	0.00260	0.056%	0.056%	0.2	0.2	465%	465%
39	1	384	0.00260	0.058%	0.058%	0.2	0.2	449%	449%
40	0	393	0.00000	0.060%	0.060%	0.2	0.2	0%	0%
41	0	409	0.00000	0.070%	0.070%	0.3	0.3	0%	0%
42	1	414	0.00242	0.080%	0.080%	0.3	0.3	302%	302%
43	0	402	0.00000	0.090%	0.090%	0.4	0.4	0%	0%
44	1	418	0.00239	0.100%	0.100%	0.4	0.4	239%	239%
45	0	421	0.00000	0.110%	0.110%	0.5	0.5	0%	0%
46	0	438	0.00000	0.120%	0.120%	0.5	0.5	0%	0%
47	0	455	0.00000	0.130%	0.130%	0.6	0.6	0%	0%
48	0	470	0.00000	0.140%	0.140%	0.7	0.7	0%	0%
49	0	474	0.00000	0.150%	0.150%	0.7	0.7	0%	0%
50	0	459	0.00000	0.160%	0.160%	0.7	0.7	0%	0%
51	1	421	0.00238	0.170%	0.170%	0.7	0.7	140%	140%
52	0	426	0.00000	0.180%	0.180%	0.8	0.8	0%	0%
53	2	405	0.00494	0.190%	0.190%	0.8	0.8	260%	260%
54	1	377	0.00265	0.200%	0.200%	0.8	0.8	133%	133%
55	0	361	0.00000	0.210%	0.210%	0.8	0.8	0%	0%
56	0	320	0.00000	0.220%	0.220%	0.7	0.7	0%	0%
57	1	284	0.00352	0.230%	0.230%	0.7	0.7	153%	153%
58	2	244	0.00820	0.240%	0.240%	0.6	0.6	342%	342%
59	0	207	0.00000	0.250%	0.250%	0.5	0.5	0%	0%
60	0	186	0.00000	0.260%	0.260%	0.5	0.5	0%	0%
61	0	161	0.00000	0.270%	0.270%	0.4	0.4	0%	0%
62	1	133	0.00752	0.280%	0.280%	0.4	0.4	269%	269%
63	0	105	0.00000	0.290%	0.290%	0.3	0.3	0%	0%
64	0	75	0.00000	0.300%	0.300%	0.2	0.2	0%	0%
65	0	55	0.00000	0.320%	0.320%	0.2	0.2	0%	0%
66	0	40	0.00000	0.350%	0.350%	0.1	0.1	0%	0%
67	0	30	0.00000	0.390%	0.390%	0.1	0.1	0%	0%
68	0	23	0.00000	0.440%	0.440%	0.1	0.1	0%	0%
69	0	20	0.00000	0.500%	0.500%	0.1	0.1	0%	0%
70	0	3	0.00000	N/A	N/A	0	0	0%	0%
71	0	2	0.00000	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	13	12,704				15.9	15.9	82%	82%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN**

TABLE 8B				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	0	N/A	0.020%	0.020%	0	0	0%	0%
21	0	1	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
22	0	1	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
23	0	5	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
24	0	10	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
25	0	20	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
26	0	27	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
27	0	37	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
28	0	47	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
29	0	55	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
30	0	65	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
31	0	72	0.00000	0.021%	0.021%	0.0	0.0	0%	0%
32	0	78	0.00000	0.022%	0.022%	0.0	0.0	0%	0%
33	0	85	0.00000	0.023%	0.023%	0.0	0.0	0%	0%
34	0	96	0.00000	0.024%	0.024%	0.0	0.0	0%	0%
35	0	100	0.00000	0.025%	0.025%	0.0	0.0	0%	0%
36	0	109	0.00000	0.026%	0.026%	0.0	0.0	0%	0%
37	0	117	0.00000	0.027%	0.027%	0.0	0.0	0%	0%
38	0	135	0.00000	0.028%	0.028%	0.0	0.0	0%	0%
39	0	139	0.00000	0.029%	0.029%	0.0	0.0	0%	0%
40	0	142	0.00000	0.030%	0.030%	0.0	0.0	0%	0%
41	0	139	0.00000	0.035%	0.035%	0.0	0.0	0%	0%
42	0	143	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
43	0	152	0.00000	0.045%	0.045%	0.1	0.1	0%	0%
44	1	145	0.00690	0.050%	0.050%	0.1	0.1	1379%	1379%
45	0	146	0.00000	0.055%	0.055%	0.1	0.1	0%	0%
46	0	141	0.00000	0.060%	0.060%	0.1	0.1	0%	0%
47	0	135	0.00000	0.065%	0.065%	0.1	0.1	0%	0%
48	0	126	0.00000	0.070%	0.070%	0.1	0.1	0%	0%
49	0	120	0.00000	0.075%	0.075%	0.1	0.1	0%	0%
50	0	105	0.00000	0.080%	0.080%	0.1	0.1	0%	0%
51	0	98	0.00000	0.085%	0.085%	0.1	0.1	0%	0%
52	0	91	0.00000	0.090%	0.090%	0.1	0.1	0%	0%
53	0	74	0.00000	0.095%	0.095%	0.1	0.1	0%	0%
54	0	80	0.00000	0.100%	0.100%	0.1	0.1	0%	0%
55	0	79	0.00000	0.105%	0.105%	0.1	0.1	0%	0%
56	1	68	0.01471	0.110%	0.110%	0.1	0.1	1337%	1337%
57	0	64	0.00000	0.115%	0.115%	0.1	0.1	0%	0%
58	0	62	0.00000	0.120%	0.120%	0.1	0.1	0%	0%
59	0	58	0.00000	0.125%	0.125%	0.1	0.1	0%	0%
60	0	54	0.00000	0.130%	0.130%	0.1	0.1	0%	0%
61	0	45	0.00000	0.135%	0.135%	0.1	0.1	0%	0%
62	0	38	0.00000	0.140%	0.140%	0.1	0.1	0%	0%
63	0	32	0.00000	0.145%	0.145%	0.0	0.0	0%	0%
64	0	20	0.00000	0.150%	0.150%	0.0	0.0	0%	0%
65	0	13	0.00000	0.160%	0.160%	0.0	0.0	0%	0%
66	0	12	0.00000	0.175%	0.175%	0.0	0.0	0%	0%
67	0	6	0.00000	0.195%	0.195%	0.0	0.0	0%	0%
68	0	6	0.00000	0.220%	0.220%	0.0	0.0	0%	0%
69	0	3	0.00000	0.250%	0.250%	0.0	0.0	0%	0%
70	0	0	N/A	N/A	N/A	0	0	0%	0%
71	0	0	N/A	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	2	3,596				2.1	2.1	94%	94%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 8C				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	2	0.00000	0.040%	0.040%	0.0	0.0	0%	0%
21	0	14	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
22	0	24	0.00000	0.039%	0.039%	0.0	0.0	0%	0%
23	0	49	0.00000	0.038%	0.038%	0.0	0.0	0%	0%
24	0	76	0.00000	0.037%	0.037%	0.0	0.0	0%	0%
25	0	109	0.00000	0.036%	0.036%	0.0	0.0	0%	0%
26	0	139	0.00000	0.036%	0.036%	0.1	0.1	0%	0%
27	0	175	0.00000	0.036%	0.036%	0.1	0.1	0%	0%
28	0	194	0.00000	0.035%	0.035%	0.1	0.1	0%	0%
29	0	240	0.00000	0.035%	0.035%	0.1	0.1	0%	0%
30	0	288	0.00000	0.035%	0.035%	0.1	0.1	0%	0%
31	0	329	0.00000	0.037%	0.037%	0.1	0.1	0%	0%
32	0	362	0.00000	0.039%	0.039%	0.1	0.1	0%	0%
33	1	392	0.00255	0.041%	0.041%	0.2	0.2	622%	622%
34	0	433	0.00000	0.043%	0.043%	0.2	0.2	0%	0%
35	0	453	0.00000	0.044%	0.044%	0.2	0.2	0%	0%
36	0	467	0.00000	0.046%	0.046%	0.2	0.2	0%	0%
37	0	484	0.00000	0.047%	0.047%	0.2	0.2	0%	0%
38	1	519	0.00193	0.049%	0.049%	0.3	0.3	396%	396%
39	1	523	0.00191	0.050%	0.050%	0.3	0.3	380%	380%
40	0	535	0.00000	0.052%	0.052%	0.3	0.3	0%	0%
41	0	548	0.00000	0.061%	0.061%	0.3	0.3	0%	0%
42	1	557	0.00180	0.070%	0.070%	0.4	0.4	257%	257%
43	0	554	0.00000	0.078%	0.078%	0.4	0.4	0%	0%
44	2	563	0.00355	0.087%	0.087%	0.5	0.5	408%	408%
45	0	567	0.00000	0.096%	0.096%	0.5	0.5	0%	0%
46	0	579	0.00000	0.105%	0.105%	0.6	0.6	0%	0%
47	0	590	0.00000	0.115%	0.115%	0.7	0.7	0%	0%
48	0	596	0.00000	0.125%	0.125%	0.7	0.7	0%	0%
49	0	594	0.00000	0.135%	0.135%	0.8	0.8	0%	0%
50	0	564	0.00000	0.145%	0.145%	0.8	0.8	0%	0%
51	1	519	0.00193	0.154%	0.154%	0.8	0.8	125%	125%
52	0	517	0.00000	0.164%	0.164%	0.8	0.8	0%	0%
53	2	479	0.00418	0.175%	0.175%	0.8	0.8	238%	238%
54	1	457	0.00219	0.182%	0.182%	0.8	0.8	120%	120%
55	0	440	0.00000	0.191%	0.191%	0.8	0.8	0%	0%
56	1	388	0.00258	0.201%	0.201%	0.8	0.8	128%	128%
57	1	348	0.00287	0.209%	0.209%	0.7	0.7	138%	138%
58	2	306	0.00654	0.216%	0.216%	0.7	0.7	303%	303%
59	0	265	0.00000	0.223%	0.223%	0.6	0.6	0%	0%
60	0	240	0.00000	0.231%	0.231%	0.6	0.6	0%	0%
61	0	206	0.00000	0.241%	0.241%	0.5	0.5	0%	0%
62	1	171	0.00585	0.249%	0.249%	0.4	0.4	235%	235%
63	0	137	0.00000	0.256%	0.256%	0.4	0.4	0%	0%
64	0	95	0.00000	0.268%	0.268%	0.3	0.3	0%	0%
65	0	68	0.00000	0.289%	0.289%	0.2	0.2	0%	0%
66	0	52	0.00000	0.310%	0.310%	0.2	0.2	0%	0%
67	0	36	0.00000	0.358%	0.358%	0.1	0.1	0%	0%
68	0	29	0.00000	0.394%	0.394%	0.1	0.1	0%	0%
69	0	23	0.00000	0.467%	0.467%	0.1	0.1	0%	0%
70	0	3	0.00000	0.000%	0.000%	0	0	0%	0%
71	0	2	0.00000	0.000%	0.000%	0	0	0%	0%
72	0	0	N/A	0.000%	0.000%	0	0	0%	0%
73	0	0	N/A	0.000%	0.000%	0	0	0%	0%
74	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	15	16,300				18.1	18.1	83%	83%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN**

TABLE 8A GROUPED

Age	Assumed Probability					10-YEAR PERIOD ENDING 6/30/2013			
	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Expected		Expected Deaths		Actual/Expected	
				(7) / (3)	(8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	148	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
25-29	0	671	0.00000	0.040%	0.040%	0.3	0.3	0%	0%
30-34	1	1,408	0.00071	0.044%	0.044%	0.6	0.6	160%	160%
35-39	2	1,846	0.00108	0.054%	0.054%	1.0	1.0	200%	200%
40-44	2	2,036	0.00098	0.080%	0.080%	1.6	1.6	122%	122%
45-49	0	2,258	0.00000	0.131%	0.131%	2.9	2.9	0%	0%
50-54	4	2,088	0.00192	0.179%	0.179%	3.7	3.7	107%	107%
55-59	3	1,416	0.00212	0.227%	0.227%	3.2	3.2	93%	93%
60-64	1	660	0.00152	0.276%	0.276%	1.8	1.8	55%	55%
65-69	0	168	0.00000	0.378%	0.378%	0.6	0.6	0%	0%
70-74	0	5	0.00000	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	13	12,704				15.9	15.9	82%	82%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 8B 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 (7)	Proposed (8)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	17	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
25-29	0	186	0.00000	0.020%	0.020%	0.0	0.0	0%	0%
30-34	0	396	0.00000	0.022%	0.022%	0.1	0.1	0%	0%
35-39	0	600	0.00000	0.027%	0.027%	0.2	0.2	0%	0%
40-44	1	721	0.00139	0.040%	0.040%	0.3	0.3	346%	346%
45-49	0	668	0.00000	0.064%	0.064%	0.4	0.4	0%	0%
50-54	0	448	0.00000	0.089%	0.089%	0.4	0.4	0%	0%
55-59	1	331	0.00302	0.114%	0.114%	0.4	0.4	264%	264%
60-64	0	189	0.00000	0.138%	0.138%	0.3	0.3	0%	0%
65-69	0	40	0.00000	0.186%	0.186%	0.1	0.1	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	2	3,596				2.1	2.1	94%	94%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 8C GROUPED

Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2013 Expected Deaths		Actual/Expected	
				Expected (7) / (3)	Proposed (8) / (3)	Expected	Proposed	Expected (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	165	0.00000	0.038%	0.038%	0.1	0.1	0%	0%
25-29	0	857	0.00000	0.036%	0.036%	0.3	0.3	0%	0%
30-34	1	1,804	0.00055	0.040%	0.040%	0.7	0.7	140%	140%
35-39	2	2,446	0.00082	0.047%	0.047%	1.2	1.2	172%	172%
40-44	3	2,757	0.00109	0.070%	0.070%	1.9	1.9	156%	156%
45-49	0	2,926	0.00000	0.116%	0.116%	3.4	3.4	0%	0%
50-54	4	2,536	0.00158	0.163%	0.163%	4.1	4.1	97%	97%
55-59	4	1,747	0.00229	0.206%	0.206%	3.6	3.6	111%	111%
60-64	1	849	0.00118	0.245%	0.245%	2.1	2.1	48%	48%
65-69	0	208	0.00000	0.341%	0.341%	0.7	0.7	0%	0%
70-74	0	5	0.00000	0.000%	0.000%	0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	15	16,300				18.1	18.1	83%	83%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 8D 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	1,543	2	5.4	37%	0.130%	0.353%
2005	1,633	3	5.5	54%	0.184%	0.339%
2006	1,675	1	5.9	17%	0.060%	0.352%
2007	1,672	1	6.0	17%	0.060%	0.360%
2008	1,664	3	6.1	49%	0.180%	0.369%
2009	1,692	0	6.4	0%	0.000%	0.377%
2010	1,676	1	6.7	15%	0.060%	0.398%
2011	1,647	1	6.8	15%	0.061%	0.413%
2012	1,578	2	6.8	29%	0.127%	0.430%
2013	1,520	1	6.7	15%	0.066%	0.444%
Total	16,300	15	62.4	24%	0.092%	0.383%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 9A				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	0.010%	0.010%	0	0	0%	0%
21	0	0	N/A	0.010%	0.010%	0	0	0%	0%
22	0	0	N/A	0.010%	0.010%	0	0	0%	0%
23	0	1	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
24	0	3	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25	0	6	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
26	0	7	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
27	0	6	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
28	0	7	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
29	0	11	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
30	0	14	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
31	0	17	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
32	0	26	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
33	0	25	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
34	0	27	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
35	0	30	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
36	0	37	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
37	0	42	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
38	0	44	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
39	0	45	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
40	0	40	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
41	0	41	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
42	0	52	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
43	0	57	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
44	0	58	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
45	0	67	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
46	0	61	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
47	0	56	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
48	0	53	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
49	0	63	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
50	0	52	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
51	0	46	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
52	0	47	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
53	0	29	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
54	0	30	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
55	0	26	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
56	0	18	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
57	0	22	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
58	0	25	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
59	0	23	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
60	0	28	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
61	0	28	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
62	0	24	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
63	0	19	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
64	0	12	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65	0	7	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
66	0	9	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
67	0	4	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
68	0	4	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
69	0	1	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
70	0	0	N/A	N/A	N/A	0	0	0%	0%
71	0	0	N/A	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0	N/A	0.000%	0.000%	0	0	0%	0%
Total	0	1,350				0.1	0.1	0%	0%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
 ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
 MEN AND WOMEN

TABLE 9A 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)
20-24	0	4	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25-29	0	37	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
30-34	0	109	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
35-39	0	198	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
40-44	0	248	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
45-49	0	300	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
50-54	0	204	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
55-59	0	114	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
60-64	0	111	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65-69	0	25	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	0	1,350				0.1	0.1	0%	0%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 9A				10-YEAR PERIOD ENDING 6/30/2013					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		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	0.010%	0.010%	0	0	0%	0%
21	0	1	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
22	0	1	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
23	0	5	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
24	0	10	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25	0	20	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
26	0	27	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
27	0	37	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
28	0	47	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
29	0	55	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
30	0	65	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
31	0	73	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
32	0	79	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
33	0	85	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
34	0	96	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
35	0	100	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
36	0	109	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
37	0	117	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
38	0	135	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
39	0	139	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
40	0	142	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
41	0	139	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
42	0	143	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
43	0	152	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
44	0	145	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
45	0	146	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
46	0	141	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
47	0	135	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
48	0	126	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
49	0	120	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
50	0	105	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
51	0	98	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
52	0	91	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
53	0	74	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
54	0	80	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
55	0	79	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
56	0	68	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
57	0	64	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
58	0	62	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
59	0	58	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
60	0	54	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
61	0	45	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
62	0	38	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
63	0	32	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
64	0	20	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65	0	13	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
66	0	12	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
67	0	6	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
68	0	6	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
69	0	3	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
70	0	0	N/A	N/A	N/A	0	0	0%	0%
71	0	0	N/A	N/A	N/A	0	0	0%	0%
72	0	0	N/A	N/A	N/A	0	0	0%	0%
73	0	0	N/A	N/A	N/A	0	0	0%	0%
74	0	0	N/A	N/A	N/A	0	0	0%	0%
Other	0	0			0.000%	0	0	0%	0%
Total	0	3,598				0.4	0.4	0%	0%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
 ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
 MEN AND WOMEN

TABLE 9A 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)
20-24	0	17	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25-29	0	186	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
30-34	0	398	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
35-39	0	600	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
40-44	0	721	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
45-49	0	668	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
50-54	0	448	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
55-59	0	331	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
60-64	0	189	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65-69	0	40	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	0	3,598				0.4	0.4	0%	0%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL MORTALITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30, (1)	TABLE 9B 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	1,543	0	0.6	0%	0.000%	0.041%
2005	1,633	0	0.6	0%	0.000%	0.039%
2006	1,675	0	0.7	0%	0.000%	0.040%
2007	1,672	0	0.7	0%	0.000%	0.041%
2008	1,664	0	0.7	0%	0.000%	0.042%
2009	1,692	0	0.7	0%	0.000%	0.043%
2010	1,676	0	0.8	0%	0.000%	0.045%
2011	1,647	0	0.8	0%	0.000%	0.046%
2012	1,578	0	0.8	0%	0.000%	0.048%
2013	1,520	0	0.8	0%	0.000%	0.050%
Total	16,300	0	7.1	0%	0.000%	0.044%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 10A				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.40%	0.40%	0	0	0%	0%
21	0	0	N/A	0.40%	0.40%	0	0	0%	0%
22	0	0	N/A	0.40%	0.40%	0	0	0%	0%
23	0	0	N/A	0.40%	0.40%	0	0	0%	0%
24	0	0	N/A	0.40%	0.40%	0	0	0%	0%
25	0	0	N/A	0.40%	0.40%	0	0	0%	0%
26	0	0	N/A	0.40%	0.40%	0	0	0%	0%
27	0	0	N/A	0.40%	0.40%	0	0	0%	0%
28	0	0	N/A	0.40%	0.40%	0	0	0%	0%
29	0	0	N/A	0.40%	0.40%	0	0	0%	0%
30	0	2	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
31	0	7	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
32	0	11	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
33	0	13	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
34	0	12	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
35	0	22	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
36	0	29	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
37	0	37	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
38	0	40	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
39	0	53	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
40	0	61	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
41	1	66	0.0152	0.40%	0.40%	0.3	0.3	379%	379%
42	0	75	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
43	0	80	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
44	0	80	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
45	1	91	0.0110	0.40%	0.40%	0.4	0.4	275%	275%
46	0	99	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
47	0	98	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
48	0	113	0.0000	0.40%	0.40%	0.5	0.5	0%	0%
49	0	116	0.0000	0.40%	0.40%	0.5	0.5	0%	0%
50	1	127	0.0079	0.40%	0.40%	0.5	0.5	197%	197%
51	1	124	0.0081	0.40%	0.40%	0.5	0.5	202%	202%
52	0	110	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
53	0	120	0.0000	0.40%	0.40%	0.5	0.5	0%	0%
54	0	101	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
55	0	99	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
56	0	89	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
57	1	75	0.0133	0.40%	0.40%	0.3	0.3	333%	333%
58	1	82	0.0122	0.40%	0.40%	0.3	0.3	305%	305%
59	0	64	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
60	0	64	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
61	0	55	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
62	1	39	0.0256	0.40%	0.40%	0.2	0.2	641%	641%
63	1	25	0.0400	0.40%	0.40%	0.1	0.1	1000%	1000%
64	0	20	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
65	0	15	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
66	0	13	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
67	0	7	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
68	0	10	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
69	0	5	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	8	2,349				9.4	9.4	85%	85%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 10B				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.04%	0.04%	0	0	0%	0%
21	0	0	N/A	0.04%	0.04%	0	0	0%	0%
22	0	0	N/A	0.04%	0.04%	0	0	0%	0%
23	0	0	N/A	0.04%	0.04%	0	0	0%	0%
24	0	0	N/A	0.04%	0.04%	0	0	0%	0%
25	0	0	N/A	0.04%	0.04%	0	0	0%	0%
26	0	0	N/A	0.04%	0.04%	0	0	0%	0%
27	0	0	N/A	0.04%	0.04%	0	0	0%	0%
28	0	0	N/A	0.04%	0.04%	0	0	0%	0%
29	0	0	N/A	0.04%	0.04%	0	0	0%	0%
30	0	0	N/A	0.05%	0.05%	0	0	0%	0%
31	0	1	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
32	0	3	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
33	0	0	N/A	0.05%	0.05%	0	0	0%	0%
34	0	4	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
35	0	4	0.0000	0.06%	0.06%	0.0	0.0	0%	0%
36	0	5	0.0000	0.07%	0.07%	0.0	0.0	0%	0%
37	0	10	0.0000	0.09%	0.09%	0.0	0.0	0%	0%
38	0	10	0.0000	0.10%	0.10%	0.0	0.0	0%	0%
39	0	12	0.0000	0.12%	0.12%	0.0	0.0	0%	0%
40	0	21	0.0000	0.14%	0.14%	0.0	0.0	0%	0%
41	0	28	0.0000	0.17%	0.17%	0.0	0.0	0%	0%
42	0	36	0.0000	0.20%	0.20%	0.1	0.1	0%	0%
43	0	42	0.0000	0.23%	0.23%	0.1	0.1	0%	0%
44	0	39	0.0000	0.26%	0.26%	0.1	0.1	0%	0%
45	0	33	0.0000	0.30%	0.30%	0.1	0.1	0%	0%
46	0	25	0.0000	0.33%	0.33%	0.1	0.1	0%	0%
47	0	32	0.0000	0.36%	0.36%	0.1	0.1	0%	0%
48	0	27	0.0000	0.39%	0.39%	0.1	0.1	0%	0%
49	0	32	0.0000	0.42%	0.42%	0.1	0.1	0%	0%
50	0	37	0.0000	0.45%	0.45%	0.2	0.2	0%	0%
51	1	24	0.0417	0.46%	0.46%	0.1	0.1	906%	906%
52	0	23	0.0000	0.47%	0.47%	0.1	0.1	0%	0%
53	0	24	0.0000	0.49%	0.49%	0.1	0.1	0%	0%
54	0	15	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
55	0	17	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
56	0	15	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
57	0	17	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
58	0	23	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
59	0	24	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
60	0	23	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
61	0	24	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
62	0	15	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
63	0	7	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
64	0	8	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
65	0	6	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
66	0	5	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
67	0	3	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
68	0	0	N/A	0.50%	0.50%	0	0	0%	0%
69	0	0	N/A	0.50%	0.50%	0	0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	1	674				2.4	2.4	41%	41%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 10C				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.00%	0.00%	0	0	0%	0%
21	0	0	N/A	0.00%	0.00%	0	0	0%	0%
22	0	0	N/A	0.00%	0.00%	0	0	0%	0%
23	0	0	N/A	0.00%	0.00%	0	0	0%	0%
24	0	0	N/A	0.00%	0.00%	0	0	0%	0%
25	0	0	N/A	0.00%	0.00%	0	0	0%	0%
26	0	0	N/A	0.00%	0.00%	0	0	0%	0%
27	0	0	N/A	0.00%	0.00%	0	0	0%	0%
28	0	0	N/A	0.00%	0.00%	0	0	0%	0%
29	0	0	N/A	0.00%	0.00%	0	0	0%	0%
30	0	2	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
31	0	8	0.0000	0.36%	0.36%	0.0	0.0	0%	0%
32	0	14	0.0000	0.33%	0.33%	0.0	0.0	0%	0%
33	0	13	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
34	0	16	0.0000	0.31%	0.31%	0.1	0.1	0%	0%
35	0	26	0.0000	0.35%	0.35%	0.1	0.1	0%	0%
36	0	34	0.0000	0.35%	0.35%	0.1	0.1	0%	0%
37	0	47	0.0000	0.33%	0.33%	0.2	0.2	0%	0%
38	0	50	0.0000	0.34%	0.34%	0.2	0.2	0%	0%
39	0	65	0.0000	0.35%	0.35%	0.2	0.2	0%	0%
40	0	82	0.0000	0.33%	0.33%	0.3	0.3	0%	0%
41	1	94	0.0106	0.33%	0.33%	0.3	0.3	321%	321%
42	0	111	0.0000	0.34%	0.34%	0.4	0.4	0%	0%
43	0	122	0.0000	0.34%	0.34%	0.4	0.4	0%	0%
44	0	119	0.0000	0.35%	0.35%	0.4	0.4	0%	0%
45	1	124	0.0081	0.37%	0.37%	0.5	0.5	216%	216%
46	0	124	0.0000	0.39%	0.39%	0.5	0.5	0%	0%
47	0	130	0.0000	0.39%	0.39%	0.5	0.5	0%	0%
48	0	140	0.0000	0.40%	0.40%	0.6	0.6	0%	0%
49	0	148	0.0000	0.40%	0.40%	0.6	0.6	0%	0%
50	1	164	0.0061	0.41%	0.41%	0.7	0.7	148%	148%
51	2	148	0.0135	0.41%	0.41%	0.6	0.6	330%	330%
52	0	133	0.0000	0.41%	0.41%	0.5	0.5	0%	0%
53	0	144	0.0000	0.42%	0.42%	0.6	0.6	0%	0%
54	0	116	0.0000	0.41%	0.41%	0.5	0.5	0%	0%
55	0	116	0.0000	0.41%	0.41%	0.5	0.5	0%	0%
56	0	104	0.0000	0.41%	0.41%	0.4	0.4	0%	0%
57	1	92	0.0109	0.42%	0.42%	0.4	0.4	260%	260%
58	1	105	0.0095	0.42%	0.42%	0.4	0.4	226%	226%
59	0	88	0.0000	0.43%	0.43%	0.4	0.4	0%	0%
60	0	87	0.0000	0.43%	0.43%	0.4	0.4	0%	0%
61	0	79	0.0000	0.43%	0.43%	0.3	0.3	0%	0%
62	1	54	0.0185	0.43%	0.43%	0.2	0.2	433%	433%
63	1	32	0.0313	0.42%	0.42%	0.1	0.1	741%	741%
64	0	28	0.0000	0.43%	0.43%	0.1	0.1	0%	0%
65	0	21	0.0000	0.43%	0.43%	0.1	0.1	0%	0%
66	0	18	0.0000	0.43%	0.43%	0.1	0.1	0%	0%
67	0	10	0.0000	0.43%	0.43%	0.0	0.0	0%	0%
68	0	10	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
69	0	5	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	9	3,023				11.8	11.8	76%	76%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 10A GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (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) (7)	Proposed (8) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	0	N/A			0	0	0%	0%
25-29	0	0	N/A			0	0	0%	0%
30-34	0	45	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
35-39	0	181	0.0000	0.40%	0.40%	0.7	0.7	0%	0%
40-44	1	362	0.0028	0.40%	0.40%	1.4	1.4	69%	69%
45-49	1	517	0.0019	0.40%	0.40%	2.1	2.1	48%	48%
50-54	2	582	0.0034	0.40%	0.40%	2.3	2.3	86%	86%
55-59	2	409	0.0049	0.40%	0.40%	1.6	1.6	122%	122%
60-64	2	203	0.0099	0.40%	0.40%	0.8	0.8	246%	246%
65-69	0	50	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	8	2,349				9.4	9.4	85%	85%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 10B GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	0	N/A			0	0	0%	0%
30-34	0	8	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
35-39	0	41	0.0000	0.10%	0.10%	0.0	0.0	0%	0%
40-44	0	166	0.0000	0.21%	0.21%	0.3	0.3	0%	0%
45-49	0	149	0.0000	0.36%	0.36%	0.5	0.5	0%	0%
50-54	1	123	0.0081	0.47%	0.47%	0.6	0.6	173%	173%
55-59	0	96	0.0000	0.50%	0.50%	0.5	0.5	0%	0%
60-64	0	77	0.0000	0.50%	0.50%	0.4	0.4	0%	0%
65-69	0	14	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	1	674				2.4	2.4	41%	41%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 10C GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	0	N/A			0	0	0%	0%
30-34	0	53	0.0000	0.35%	0.35%	0.2	0.2	0%	0%
35-39	0	222	0.0000	0.34%	0.34%	0.8	0.8	0%	0%
40-44	1	528	0.0019	0.34%	0.34%	1.8	1.8	56%	56%
45-49	1	666	0.0015	0.39%	0.39%	2.6	2.6	38%	38%
50-54	3	705	0.0043	0.41%	0.41%	2.9	2.9	103%	103%
55-59	2	505	0.0040	0.42%	0.42%	2.1	2.1	95%	95%
60-64	2	280	0.0071	0.43%	0.43%	1.2	1.2	167%	167%
65-69	0	64	0.0000	0.42%	0.42%	0.3	0.3	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	9	3,023				11.8	11.8	76%	76%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 10A				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.40%	0.40%	0	0	0%	0%
21	0	0	N/A	0.40%	0.40%	0	0	0%	0%
22	0	0	N/A	0.40%	0.40%	0	0	0%	0%
23	0	0	N/A	0.40%	0.40%	0	0	0%	0%
24	0	0	N/A	0.40%	0.40%	0	0	0%	0%
25	0	0	N/A	0.40%	0.40%	0	0	0%	0%
26	0	0	N/A	0.40%	0.40%	0	0	0%	0%
27	0	0	N/A	0.40%	0.40%	0	0	0%	0%
28	0	0	N/A	0.40%	0.40%	0	0	0%	0%
29	0	0	N/A	0.40%	0.40%	0	0	0%	0%
30	0	3	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
31	0	8	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
32	0	15	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
33	0	21	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
34	0	27	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
35	0	42	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
36	0	61	0.0000	0.40%	0.40%	0.2	0.2	0%	0%
37	0	79	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
38	0	91	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
39	0	118	0.0000	0.40%	0.40%	0.5	0.5	0%	0%
40	0	129	0.0000	0.40%	0.40%	0.5	0.5	0%	0%
41	2	153	0.0131	0.40%	0.40%	0.6	0.6	327%	327%
42	0	165	0.0000	0.40%	0.40%	0.7	0.7	0%	0%
43	0	169	0.0000	0.40%	0.40%	0.7	0.7	0%	0%
44	2	179	0.0112	0.40%	0.40%	0.7	0.7	279%	279%
45	1	188	0.0053	0.40%	0.40%	0.8	0.8	133%	133%
46	1	203	0.0049	0.40%	0.40%	0.8	0.8	123%	123%
47	1	214	0.0047	0.40%	0.40%	0.9	0.9	117%	117%
48	0	235	0.0000	0.40%	0.40%	0.9	0.9	0%	0%
49	0	252	0.0000	0.40%	0.40%	1.0	1.0	0%	0%
50	1	266	0.0038	0.40%	0.40%	1.1	1.1	94%	94%
51	2	252	0.0079	0.40%	0.40%	1.0	1.0	198%	198%
52	2	240	0.0083	0.40%	0.40%	1.0	1.0	208%	208%
53	1	229	0.0044	0.40%	0.40%	0.9	0.9	109%	109%
54	0	215	0.0000	0.40%	0.40%	0.9	0.9	0%	0%
55	0	204	0.0000	0.40%	0.40%	0.8	0.8	0%	0%
56	1	187	0.0053	0.40%	0.40%	0.7	0.7	134%	134%
57	2	162	0.0123	0.40%	0.40%	0.6	0.6	309%	309%
58	1	139	0.0072	0.40%	0.40%	0.6	0.6	180%	180%
59	0	106	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
60	0	94	0.0000	0.40%	0.40%	0.4	0.4	0%	0%
61	0	84	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
62	2	64	0.0313	0.40%	0.40%	0.3	0.3	781%	781%
63	1	45	0.0222	0.40%	0.40%	0.2	0.2	556%	556%
64	0	36	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
65	0	26	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
66	0	20	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
67	0	15	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
68	0	15	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
69	0	10	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	20	4,761				19.0	19.0	105%	105%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 10B				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.04%	0.04%	0	0	0%	0%
21	0	0	N/A	0.04%	0.04%	0	0	0%	0%
22	0	0	N/A	0.04%	0.04%	0	0	0%	0%
23	0	0	N/A	0.04%	0.04%	0	0	0%	0%
24	0	0	N/A	0.04%	0.04%	0	0	0%	0%
25	0	0	N/A	0.04%	0.04%	0	0	0%	0%
26	0	0	N/A	0.04%	0.04%	0	0	0%	0%
27	0	0	N/A	0.04%	0.04%	0	0	0%	0%
28	0	0	N/A	0.04%	0.04%	0	0	0%	0%
29	0	0	N/A	0.04%	0.04%	0	0	0%	0%
30	0	0	N/A	0.05%	0.05%	0	0	0%	0%
31	0	1	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
32	0	3	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
33	0	0	N/A	0.05%	0.05%	0	0	0%	0%
34	0	5	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
35	0	8	0.0000	0.06%	0.06%	0.0	0.0	0%	0%
36	0	12	0.0000	0.07%	0.07%	0.0	0.0	0%	0%
37	0	28	0.0000	0.09%	0.09%	0.0	0.0	0%	0%
38	0	35	0.0000	0.10%	0.10%	0.0	0.0	0%	0%
39	0	43	0.0000	0.12%	0.12%	0.1	0.1	0%	0%
40	0	53	0.0000	0.14%	0.14%	0.1	0.1	0%	0%
41	0	53	0.0000	0.17%	0.17%	0.1	0.1	0%	0%
42	0	56	0.0000	0.20%	0.20%	0.1	0.1	0%	0%
43	0	64	0.0000	0.23%	0.23%	0.1	0.1	0%	0%
44	0	60	0.0000	0.26%	0.26%	0.2	0.2	0%	0%
45	1	54	0.0185	0.30%	0.30%	0.2	0.2	617%	617%
46	0	53	0.0000	0.33%	0.33%	0.2	0.2	0%	0%
47	0	59	0.0000	0.36%	0.36%	0.2	0.2	0%	0%
48	0	52	0.0000	0.39%	0.39%	0.2	0.2	0%	0%
49	1	58	0.0172	0.42%	0.42%	0.2	0.2	411%	411%
50	0	54	0.0000	0.45%	0.45%	0.2	0.2	0%	0%
51	1	39	0.0256	0.46%	0.46%	0.2	0.2	557%	557%
52	0	41	0.0000	0.47%	0.47%	0.2	0.2	0%	0%
53	0	44	0.0000	0.49%	0.49%	0.2	0.2	0%	0%
54	0	38	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
55	0	42	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
56	0	37	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
57	0	40	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
58	1	38	0.0263	0.50%	0.50%	0.2	0.2	526%	526%
59	0	33	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
60	0	30	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
61	0	30	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
62	0	19	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
63	0	12	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
64	0	10	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
65	1	8	0.1250	0.50%	0.50%	0.0	0.0	2500%	2500%
66	0	6	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
67	0	4	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
68	0	1	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
69	0	1	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	5	1,224				4.3	4.3	117%	117%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 10C				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.00%	0.00%	0	0	0%	0%
21	0	0	N/A	0.00%	0.00%	0	0	0%	0%
22	0	0	N/A	0.00%	0.00%	0	0	0%	0%
23	0	0	N/A	0.00%	0.00%	0	0	0%	0%
24	0	0	N/A	0.00%	0.00%	0	0	0%	0%
25	0	0	N/A	0.00%	0.00%	0	0	0%	0%
26	0	0	N/A	0.00%	0.00%	0	0	0%	0%
27	0	0	N/A	0.00%	0.00%	0	0	0%	0%
28	0	0	N/A	0.00%	0.00%	0	0	0%	0%
29	0	0	N/A	0.00%	0.00%	0	0	0%	0%
30	0	3	0.0000	0.40%	0.40%	0.0	0.0	0%	0%
31	0	9	0.0000	0.36%	0.36%	0.0	0.0	0%	0%
32	0	18	0.0000	0.34%	0.34%	0.1	0.1	0%	0%
33	0	21	0.0000	0.40%	0.40%	0.1	0.1	0%	0%
34	0	32	0.0000	0.35%	0.35%	0.1	0.1	0%	0%
35	0	50	0.0000	0.35%	0.35%	0.2	0.2	0%	0%
36	0	73	0.0000	0.35%	0.35%	0.3	0.3	0%	0%
37	0	107	0.0000	0.32%	0.32%	0.3	0.3	0%	0%
38	0	126	0.0000	0.32%	0.32%	0.4	0.4	0%	0%
39	0	161	0.0000	0.33%	0.33%	0.5	0.5	0%	0%
40	0	182	0.0000	0.32%	0.32%	0.6	0.6	0%	0%
41	2	206	0.0097	0.34%	0.34%	0.7	0.7	285%	285%
42	0	221	0.0000	0.35%	0.35%	0.8	0.8	0%	0%
43	0	233	0.0000	0.35%	0.35%	0.8	0.8	0%	0%
44	2	239	0.0084	0.36%	0.36%	0.9	0.9	229%	229%
45	2	242	0.0083	0.38%	0.38%	0.9	0.9	219%	219%
46	1	256	0.0039	0.39%	0.39%	1.0	1.0	101%	101%
47	1	273	0.0037	0.39%	0.39%	1.1	1.1	94%	94%
48	0	287	0.0000	0.40%	0.40%	1.1	1.1	0%	0%
49	1	310	0.0032	0.40%	0.40%	1.3	1.3	80%	80%
50	1	320	0.0031	0.41%	0.41%	1.3	1.3	77%	77%
51	3	291	0.0103	0.41%	0.41%	1.2	1.2	253%	253%
52	2	281	0.0071	0.41%	0.41%	1.2	1.2	174%	174%
53	1	273	0.0037	0.41%	0.41%	1.1	1.1	88%	88%
54	0	253	0.0000	0.42%	0.42%	1.1	1.1	0%	0%
55	0	246	0.0000	0.42%	0.42%	1.0	1.0	0%	0%
56	1	224	0.0045	0.42%	0.42%	0.9	0.9	107%	107%
57	2	202	0.0099	0.42%	0.42%	0.8	0.8	236%	236%
58	2	177	0.0113	0.42%	0.42%	0.7	0.7	268%	268%
59	0	139	0.0000	0.42%	0.42%	0.6	0.6	0%	0%
60	0	124	0.0000	0.42%	0.42%	0.5	0.5	0%	0%
61	0	114	0.0000	0.43%	0.43%	0.5	0.5	0%	0%
62	2	83	0.0241	0.42%	0.42%	0.4	0.4	570%	570%
63	1	57	0.0175	0.42%	0.42%	0.2	0.2	417%	417%
64	0	46	0.0000	0.42%	0.42%	0.2	0.2	0%	0%
65	1	34	0.0294	0.42%	0.42%	0.1	0.1	694%	694%
66	0	26	0.0000	0.42%	0.42%	0.1	0.1	0%	0%
67	0	19	0.0000	0.42%	0.42%	0.1	0.1	0%	0%
68	0	16	0.0000	0.41%	0.41%	0.1	0.1	0%	0%
69	0	11	0.0000	0.41%	0.41%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	25	5,985				23.3	23.3	107%	107%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 10A GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	0	N/A			0	0	0%	0%
30-34	0	74	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
35-39	0	391	0.0000	0.40%	0.40%	1.6	1.6	0%	0%
40-44	4	795	0.0050	0.40%	0.40%	3.2	3.2	126%	126%
45-49	3	1,092	0.0027	0.40%	0.40%	4.4	4.4	69%	69%
50-54	6	1,202	0.0050	0.40%	0.40%	4.8	4.8	125%	125%
55-59	4	798	0.0050	0.40%	0.40%	3.2	3.2	125%	125%
60-64	3	323	0.0093	0.40%	0.40%	1.3	1.3	232%	232%
65-69	0	86	0.0000	0.40%	0.40%	0.3	0.3	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	20	4,761				19.0	19.0	105%	105%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 10B GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	0	N/A			0	0	0%	0%
30-34	0	9	0.0000	0.05%	0.05%	0.0	0.0	0%	0%
35-39	0	126	0.0000	0.10%	0.10%	0.1	0.1	0%	0%
40-44	0	286	0.0000	0.20%	0.20%	0.6	0.6	0%	0%
45-49	2	276	0.0072	0.36%	0.36%	1.0	1.0	201%	201%
50-54	1	216	0.0046	0.47%	0.47%	1.0	1.0	98%	98%
55-59	1	190	0.0053	0.50%	0.50%	1.0	1.0	105%	105%
60-64	0	101	0.0000	0.50%	0.50%	0.5	0.5	0%	0%
65-69	1	20	0.0500	0.50%	0.50%	0.1	0.1	1000%	1000%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	5	1,224				4.3	4.3	117%	117%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 10C GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	0	N/A			0	0	0%	0%
30-34	0	83	0.0000	0.36%	0.36%	0.3	0.3	0%	0%
35-39	0	517	0.0000	0.33%	0.33%	1.7	1.7	0%	0%
40-44	4	1,081	0.0037	0.35%	0.35%	3.8	3.8	106%	106%
45-49	5	1,368	0.0037	0.39%	0.39%	5.4	5.4	93%	93%
50-54	7	1,418	0.0049	0.41%	0.41%	5.8	5.8	120%	120%
55-59	5	988	0.0051	0.42%	0.42%	4.1	4.1	121%	121%
60-64	3	424	0.0071	0.42%	0.42%	1.8	1.8	167%	167%
65-69	1	106	0.0094	0.42%	0.42%	0.4	0.4	225%	225%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	25	5,985				23.3	23.3	107%	107%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ORDINARY DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

Plan Year Ending June 30,	TABLE 10D Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities	Expected Disabilities	Actual / Expected	Disability Rate	
					Actual	Expected
					(3) / (2)	(4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004	779	5	0.1	7346%	0.64%	0.01%
2005	751	2	0.1	3056%	0.27%	0.01%
2006	731	5	0.1	7849%	0.68%	0.01%
2007	701	4	0.1	6548%	0.57%	0.01%
2008	693	1	0.1	1655%	0.14%	0.01%
2009	686	0	0.1	0%	0.00%	0.01%
2010	791	2	0.1	2901%	0.25%	0.01%
2011	853	6	0.1	8065%	0.70%	0.01%
2012	936	1	0.1	1226%	0.11%	0.01%
2013	993	3	0.1	3464%	0.30%	0.01%
Total	7,914	29	0.7	4202%	0.37%	0.01%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 11A				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	1	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
21	0	8	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
22	0	14	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
23	0	22	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
24	0	25	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25	0	31	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
26	0	40	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
27	0	54	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
28	0	65	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
29	0	78	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
30	0	84	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
31	0	99	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
32	0	111	0.0000	0.04%	0.04%	0.0	0.0	0%	0%
33	0	122	0.0000	0.04%	0.04%	0.0	0.0	0%	0%
34	0	145	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
35	0	153	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
36	0	164	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
37	0	169	0.0000	0.06%	0.04%	0.1	0.1	0%	0%
38	0	162	0.0000	0.06%	0.04%	0.1	0.1	0%	0%
39	0	168	0.0000	0.07%	0.04%	0.1	0.1	0%	0%
40	0	167	0.0000	0.07%	0.04%	0.1	0.1	0%	0%
41	0	156	0.0000	0.07%	0.04%	0.1	0.1	0%	0%
42	0	142	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
43	0	147	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
44	0	167	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
45	0	181	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
46	0	185	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
47	0	179	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
48	0	185	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
49	0	185	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
50	0	195	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
51	0	190	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
52	0	165	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
53	0	160	0.0000	0.10%	0.04%	0.2	0.1	0%	0%
54	0	139	0.0000	0.10%	0.04%	0.1	0.1	0%	0%
55	0	141	0.0000	0.10%	0.04%	0.1	0.1	0%	0%
56	0	128	0.0000	0.10%	0.04%	0.1	0.1	0%	0%
57	0	113	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
58	0	111	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
59	0	91	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
60	0	84	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
61	0	74	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
62	0	61	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
63	0	47	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
64	0	33	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
65	0	25	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
66	0	19	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
67	0	13	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
68	0	12	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
69	0	6	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	0	5,216				3.9	2.1	0%	0%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 11B				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.02%	0.02%	0	0	0%	0%
21	0	0	N/A	0.02%	0.02%	0	0	0%	0%
22	0	0	N/A	0.02%	0.02%	0	0	0%	0%
23	0	3	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
24	0	6	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
25	0	5	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
26	0	5	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
27	0	9	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
28	0	13	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
29	0	17	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
30	0	27	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
31	0	28	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
32	0	29	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
33	0	31	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
34	0	38	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
35	0	45	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
36	0	45	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
37	1	49	0.0204	0.02%	0.02%	0.0	0.0	10204%	10204%
38	0	46	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
39	0	40	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
40	0	53	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
41	0	59	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
42	0	64	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
43	0	70	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
44	0	67	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
45	0	61	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
46	0	54	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
47	0	62	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
48	0	53	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
49	0	51	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
50	0	54	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
51	0	38	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
52	0	37	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
53	0	33	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
54	0	24	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
55	0	27	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
56	0	26	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
57	0	25	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
58	0	31	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
59	0	31	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
60	0	27	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
61	0	27	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
62	0	18	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
63	0	8	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
64	0	10	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
65	0	7	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
66	0	6	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
67	0	3	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
68	0	0	N/A	0.02%	0.02%	0	0	0%	0%
69	0	0	N/A	0.02%	0.02%	0	0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	1	1,462				0.3	0.3	342%	342%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 11C				4-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	1	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
21	0	8	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
22	0	14	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
23	0	25	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
24	0	31	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25	0	36	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
26	0	45	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
27	0	63	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
28	0	78	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
29	0	95	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
30	0	111	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
31	0	127	0.0000	0.03%	0.04%	0.0	0.0	0%	0%
32	0	140	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
33	0	153	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
34	0	183	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
35	0	198	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
36	0	209	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
37	1	218	0.0046	0.05%	0.04%	0.1	0.1	899%	1292%
38	0	208	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
39	0	208	0.0000	0.06%	0.04%	0.1	0.1	0%	0%
40	0	220	0.0000	0.06%	0.04%	0.1	0.1	0%	0%
41	0	215	0.0000	0.06%	0.03%	0.1	0.1	0%	0%
42	0	206	0.0000	0.06%	0.03%	0.1	0.1	0%	0%
43	0	217	0.0000	0.06%	0.03%	0.1	0.1	0%	0%
44	0	234	0.0000	0.06%	0.03%	0.1	0.1	0%	0%
45	0	242	0.0000	0.06%	0.03%	0.2	0.1	0%	0%
46	0	239	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
47	0	241	0.0000	0.07%	0.03%	0.2	0.1	0%	0%
48	0	238	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
49	0	236	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
50	0	249	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
51	0	228	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
52	0	202	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
53	0	193	0.0000	0.09%	0.04%	0.2	0.1	0%	0%
54	0	163	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
55	0	168	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
56	0	154	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
57	0	138	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
58	0	142	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
59	0	122	0.0000	0.08%	0.03%	0.1	0.0	0%	0%
60	0	111	0.0000	0.08%	0.04%	0.1	0.0	0%	0%
61	0	101	0.0000	0.08%	0.03%	0.1	0.0	0%	0%
62	0	79	0.0000	0.08%	0.04%	0.1	0.0	0%	0%
63	0	55	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
64	0	43	0.0000	0.08%	0.04%	0.0	0.0	0%	0%
65	0	32	0.0000	0.08%	0.04%	0.0	0.0	0%	0%
66	0	25	0.0000	0.08%	0.04%	0.0	0.0	0%	0%
67	0	16	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
68	0	12	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
69	0	6	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	1	6,678				4.2	2.4	24%	42%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 11A GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	70	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25-29	0	268	0.0000	0.02%	0.04%	0.1	0.1	0%	0%
30-34	0	561	0.0000	0.04%	0.04%	0.2	0.2	0%	0%
35-39	0	816	0.0000	0.06%	0.04%	0.5	0.3	0%	0%
40-44	0	779	0.0000	0.08%	0.04%	0.6	0.3	0%	0%
45-49	0	915	0.0000	0.09%	0.04%	0.8	0.4	0%	0%
50-54	0	849	0.0000	0.09%	0.04%	0.8	0.3	0%	0%
55-59	0	584	0.0000	0.10%	0.04%	0.6	0.2	0%	0%
60-64	0	299	0.0000	0.10%	0.04%	0.3	0.1	0%	0%
65-69	0	75	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	0	5,216				3.9	2.1	0%	0%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 11B GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		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)
20-24	0	9	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
25-29	0	49	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
30-34	0	153	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
35-39	1	225	0.0044	0.02%	0.02%	0.0	0.0	2222%	2222%
40-44	0	313	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
45-49	0	281	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
50-54	0	186	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
55-59	0	140	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
60-64	0	90	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
65-69	0	16	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	1	1,462				0.3	0.3	342%	342%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 11C GROUPED				4-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		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)
20-24	0	79	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25-29	0	317	0.0000	0.02%	0.04%	0.1	0.1	0%	0%
30-34	0	714	0.0000	0.04%	0.04%	0.3	0.3	0%	0%
35-39	1	1,041	0.0010	0.05%	0.04%	0.5	0.4	192%	269%
40-44	0	1,092	0.0000	0.06%	0.03%	0.7	0.4	0%	0%
45-49	0	1,196	0.0000	0.07%	0.04%	0.8	0.4	0%	0%
50-54	0	1,035	0.0000	0.08%	0.04%	0.8	0.4	0%	0%
55-59	0	724	0.0000	0.08%	0.04%	0.6	0.3	0%	0%
60-64	0	389	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
65-69	0	91	0.0000	0.09%	0.04%	0.1	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	1	6,678				4.2	2.4	24%	42%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 11A				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	2	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
21	0	12	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
22	0	22	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
23	0	42	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
24	0	56	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25	0	74	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
26	0	95	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
27	0	119	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
28	0	133	0.0000	0.02%	0.04%	0.0	0.1	0%	0%
29	0	157	0.0000	0.03%	0.04%	0.0	0.1	0%	0%
30	0	188	0.0000	0.03%	0.04%	0.1	0.1	0%	0%
31	0	218	0.0000	0.03%	0.04%	0.1	0.1	0%	0%
32	0	248	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
33	0	260	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
34	1	279	0.0036	0.05%	0.04%	0.1	0.1	717%	896%
35	0	295	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
36	0	299	0.0000	0.05%	0.04%	0.1	0.1	0%	0%
37	0	297	0.0000	0.06%	0.04%	0.2	0.1	0%	0%
38	0	288	0.0000	0.06%	0.04%	0.2	0.1	0%	0%
39	0	297	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
40	0	317	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
41	0	323	0.0000	0.07%	0.04%	0.2	0.1	0%	0%
42	0	315	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
43	0	311	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
44	0	343	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
45	0	353	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
46	0	371	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
47	0	375	0.0000	0.09%	0.04%	0.3	0.2	0%	0%
48	1	374	0.0027	0.09%	0.04%	0.3	0.1	297%	668%
49	0	376	0.0000	0.09%	0.04%	0.3	0.2	0%	0%
50	1	373	0.0027	0.09%	0.04%	0.3	0.1	298%	670%
51	0	357	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
52	0	341	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
53	0	314	0.0000	0.10%	0.04%	0.3	0.1	0%	0%
54	0	293	0.0000	0.10%	0.04%	0.3	0.1	0%	0%
55	0	281	0.0000	0.10%	0.04%	0.3	0.1	0%	0%
56	0	258	0.0000	0.10%	0.04%	0.3	0.1	0%	0%
57	0	226	0.0000	0.10%	0.04%	0.2	0.1	0%	0%
58	0	195	0.0000	0.10%	0.04%	0.2	0.1	0%	0%
59	0	157	0.0000	0.10%	0.04%	0.2	0.1	0%	0%
60	0	136	0.0000	0.10%	0.04%	0.1	0.1	0%	0%
61	0	122	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
62	0	98	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
63	0	74	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
64	0	55	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
65	0	40	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
66	0	29	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
67	0	22	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
68	0	18	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
69	0	12	0.0000	0.10%	0.04%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	3	10,240				7.6	4.1	40%	73%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 11B				8-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	0.02%	0.02%	0	0	0%	0%
21	0	1	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
22	0	1	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
23	0	5	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
24	0	9	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
25	0	17	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
26	0	24	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
27	0	35	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
28	0	44	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
29	0	51	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
30	0	61	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
31	0	65	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
32	0	69	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
33	0	76	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
34	0	81	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
35	0	86	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
36	0	97	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
37	1	103	0.0097	0.02%	0.02%	0.0	0.0	4854%	4854%
38	0	111	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
39	0	112	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
40	0	127	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
41	0	120	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
42	0	117	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
43	0	131	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
44	0	122	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
45	0	113	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
46	0	111	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
47	0	106	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
48	0	96	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
49	0	94	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
50	0	82	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
51	0	65	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
52	0	66	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
53	0	64	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
54	0	63	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
55	0	64	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
56	0	58	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
57	0	56	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
58	0	54	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
59	0	45	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
60	0	39	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
61	0	37	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
62	0	26	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
63	0	18	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
64	0	13	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
65	0	9	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
66	0	8	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
67	0	5	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
68	0	2	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
69	0	2	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	1	2,961				0.6	0.6	169%	169%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 11C

8-YEAR PERIOD ENDING 6/30/2011

Age (1)	Actual Disabilities (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Disabilities		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	2	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
21	0	13	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
22	0	23	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
23	0	47	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
24	0	65	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
25	0	91	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
26	0	119	0.0000	0.02%	0.04%	0.0	0.0	0%	0%
27	0	154	0.0000	0.02%	0.04%	0.0	0.1	0%	0%
28	0	177	0.0000	0.02%	0.04%	0.0	0.1	0%	0%
29	0	208	0.0000	0.03%	0.04%	0.1	0.1	0%	0%
30	0	249	0.0000	0.03%	0.04%	0.1	0.1	0%	0%
31	0	283	0.0000	0.03%	0.04%	0.1	0.1	0%	0%
32	0	317	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
33	0	336	0.0000	0.04%	0.04%	0.1	0.1	0%	0%
34	1	360	0.0028	0.04%	0.04%	0.2	0.1	642%	782%
35	0	381	0.0000	0.04%	0.04%	0.2	0.1	0%	0%
36	0	396	0.0000	0.04%	0.04%	0.2	0.1	0%	0%
37	1	400	0.0025	0.05%	0.03%	0.2	0.1	503%	717%
38	0	399	0.0000	0.05%	0.03%	0.2	0.1	0%	0%
39	0	409	0.0000	0.06%	0.03%	0.2	0.1	0%	0%
40	0	444	0.0000	0.06%	0.03%	0.2	0.2	0%	0%
41	0	443	0.0000	0.06%	0.03%	0.3	0.2	0%	0%
42	0	432	0.0000	0.06%	0.03%	0.3	0.1	0%	0%
43	0	442	0.0000	0.06%	0.03%	0.3	0.2	0%	0%
44	0	465	0.0000	0.06%	0.03%	0.3	0.2	0%	0%
45	0	466	0.0000	0.07%	0.04%	0.3	0.2	0%	0%
46	0	482	0.0000	0.07%	0.04%	0.3	0.2	0%	0%
47	0	481	0.0000	0.07%	0.04%	0.4	0.2	0%	0%
48	1	470	0.0021	0.08%	0.04%	0.4	0.2	281%	592%
49	0	470	0.0000	0.08%	0.04%	0.4	0.2	0%	0%
50	1	455	0.0022	0.08%	0.04%	0.4	0.2	284%	604%
51	0	422	0.0000	0.08%	0.04%	0.3	0.2	0%	0%
52	0	407	0.0000	0.08%	0.04%	0.3	0.1	0%	0%
53	0	378	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
54	0	356	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
55	0	345	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
56	0	316	0.0000	0.09%	0.04%	0.3	0.1	0%	0%
57	0	282	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
58	0	249	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
59	0	202	0.0000	0.08%	0.04%	0.2	0.1	0%	0%
60	0	175	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
61	0	159	0.0000	0.08%	0.04%	0.1	0.1	0%	0%
62	0	124	0.0000	0.08%	0.04%	0.1	0.0	0%	0%
63	0	92	0.0000	0.08%	0.04%	0.1	0.0	0%	0%
64	0	68	0.0000	0.08%	0.04%	0.1	0.0	0%	0%
65	0	49	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
66	0	37	0.0000	0.08%	0.04%	0.0	0.0	0%	0%
67	0	27	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
68	0	20	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
69	0	14	0.0000	0.09%	0.04%	0.0	0.0	0%	0%
70	0	0	N/A	0.00%	0.00%	0	0	0%	0%
71	0	0	N/A	0.00%	0.00%	0	0	0%	0%
72	0	0	N/A	0.00%	0.00%	0	0	0%	0%
73	0	0	N/A	0.00%	0.00%	0	0	0%	0%
74	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Other	0	0	N/A	0.00%	0.00%	0	0	0%	0%
Total	4	13,201				8.2	4.7	49%	85%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN

TABLE 11A GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	134	0.0000	0.02%	0.04%	0.0	0.1	0%	0%
25-29	0	578	0.0000	0.02%	0.04%	0.1	0.2	0%	0%
30-34	1	1,193	0.0008	0.04%	0.04%	0.5	0.5	215%	210%
35-39	0	1,476	0.0000	0.06%	0.04%	0.9	0.6	0%	0%
40-44	0	1,609	0.0000	0.08%	0.04%	1.2	0.6	0%	0%
45-49	1	1,849	0.0005	0.09%	0.04%	1.6	0.7	63%	135%
50-54	1	1,678	0.0006	0.09%	0.04%	1.6	0.7	64%	149%
55-59	0	1,117	0.0000	0.10%	0.04%	1.1	0.4	0%	0%
60-64	0	485	0.0000	0.10%	0.04%	0.5	0.2	0%	0%
65-69	0	121	0.0000	0.10%	0.04%	0.1	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	3	10,240				7.6	4.1	40%	73%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
WOMEN

TABLE 11B GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	16	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
25-29	0	171	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
30-34	0	352	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
35-39	1	509	0.0020	0.02%	0.02%	0.1	0.1	982%	982%
40-44	0	617	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
45-49	0	520	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
50-54	0	340	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
55-59	0	277	0.0000	0.02%	0.02%	0.1	0.1	0%	0%
60-64	0	133	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
65-69	0	26	0.0000	0.02%	0.02%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	1	2,961				0.6	0.6	169%	169%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 11C GROUPED				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	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	150	0.0000	0.02%	0.04%	0.0	0.1	0%	0%
25-29	0	749	0.0000	0.02%	0.04%	0.2	0.3	0%	0%
30-34	1	1,545	0.0006	0.03%	0.04%	0.5	0.5	187%	183%
35-39	1	1,985	0.0005	0.05%	0.03%	1.0	0.7	104%	144%
40-44	0	2,226	0.0000	0.06%	0.03%	1.3	0.8	0%	0%
45-49	1	2,369	0.0004	0.07%	0.04%	1.7	0.8	59%	119%
50-54	1	2,018	0.0005	0.08%	0.04%	1.6	0.7	61%	135%
55-59	0	1,394	0.0000	0.08%	0.04%	1.2	0.5	0%	0%
60-64	0	618	0.0000	0.08%	0.04%	0.5	0.2	0%	0%
65-69	0	147	0.0000	0.09%	0.04%	0.1	0.1	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	4	13,201				8.2	4.7	49%	85%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
ACCIDENTAL DISABILITY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

Plan Year Ending June 30,	TABLE 11D Life Years Exposed	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities	Expected Disabilities	Actual / Expected	Disability Rate	
					Actual	Expected
					(3) / (2)	(4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004	1,543	1	0.1	1445%	0.06%	0.00%
2005	1,633	0	0.1	0%	0.00%	0.00%
2006	1,675	0	0.1	0%	0.00%	0.00%
2007	1,672	2	0.1	2675%	0.12%	0.00%
2008	1,664	1	0.1	1338%	0.06%	0.00%
2009	1,692	0	0.1	0%	0.00%	0.00%
2010	1,676	0	0.1	0%	0.00%	0.00%
2011	1,646	0	0.1	0%	0.00%	0.00%
2012	1,575	0	0.1	0%	0.00%	0.00%
2013	1,519	0	0.1	0%	0.00%	0.00%
Total	16,295	4	0.7	549%	0.02%	0.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12A

4-YEAR PERIOD ENDING 6/30/2013

Service (1)	Life Years Exposed (2)	Total Salary BOY (3)	Actual Salary EOY (4)	Expected Salary EOY (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	67	\$ 3,563,841	\$ 3,834,690	\$ 3,955,864	69%	7.60%	11.00%
1	146	7,912,217	8,542,345	8,703,439	80%	7.96%	10.00%
2	189	11,207,004	11,958,891	12,215,634	75%	6.71%	9.00%
3	234	14,336,829	15,588,879	15,627,144	97%	8.73%	9.00%
4	269	17,700,329	18,981,790	19,116,355	90%	7.24%	8.00%
5	372	25,726,423	27,124,466	27,527,273	78%	5.43%	7.00%
6	404	29,265,727	30,618,238	31,021,671	77%	4.62%	6.00%
7	481	36,029,001	37,116,497	37,830,451	60%	3.02%	5.00%
8	498	37,784,366	38,823,912	39,295,741	69%	2.75%	4.00%
9	503	39,233,285	39,984,686	40,724,150	50%	1.92%	3.80%
10	398	31,202,478	32,282,841	32,325,767	96%	3.46%	3.60%
11	311	25,139,117	25,554,413	26,018,986	47%	1.65%	3.50%
12	238	19,554,546	19,785,606	20,238,955	34%	1.18%	3.50%
13	119	9,551,440	9,754,549	9,885,740	61%	2.13%	3.50%
14	109	8,838,939	9,020,788	9,148,302	59%	2.06%	3.50%
15	108	8,940,125	9,071,283	9,253,029	42%	1.47%	3.50%
16	94	7,820,271	7,986,177	8,093,980	61%	2.12%	3.50%
17	111	9,509,045	9,640,604	9,841,862	40%	1.38%	3.50%
18	118	10,090,152	10,124,127	10,443,307	10%	0.34%	3.50%
19	159	13,718,465	13,808,806	14,198,611	19%	0.66%	3.50%
20	161	14,105,332	14,168,756	14,599,019	13%	0.45%	3.50%
21	156	13,834,236	13,886,608	14,318,434	11%	0.38%	3.50%
22	143	12,711,975	12,803,555	13,156,894	21%	0.72%	3.50%
23	93	8,406,689	8,426,888	8,700,923	7%	0.24%	3.50%
24	78	7,057,757	7,038,102	7,304,778	-8%	-0.28%	3.50%
25	86	7,683,032	7,629,907	7,951,938	-20%	-0.69%	3.50%
26	62	5,501,181	5,521,183	5,693,722	10%	0.36%	3.50%
27	78	7,049,543	7,079,551	7,296,277	12%	0.43%	3.50%
28	60	5,568,734	5,635,907	5,763,640	34%	1.21%	3.50%
29	56	5,240,263	5,229,545	5,423,672	-6%	-0.20%	3.50%
30+	46	4,277,979	4,279,386	4,427,708	1%	0.03%	3.50%
Total	5,947	458,560,321	471,302,976	480,103,267	59%	2.78%	4.70%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12A

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	67	\$ 3,563,841	\$ 3,834,690	\$ 3,964,773	68%	7.60%	11.25%
1	146	7,912,217	8,542,345	8,564,975	97%	7.96%	8.25%
2	189	11,207,004	11,958,891	12,075,547	87%	6.71%	7.75%
3	234	14,336,829	15,588,879	15,447,933	113%	8.73%	7.75%
4	269	17,700,329	18,981,790	19,072,104	93%	7.24%	7.75%
5	372	25,726,423	27,124,466	27,462,957	81%	5.43%	6.75%
6	404	29,265,727	30,618,238	30,655,849	97%	4.62%	4.75%
7	481	36,029,001	37,116,497	37,740,379	64%	3.02%	4.75%
8	498	37,784,366	38,823,912	39,390,202	65%	2.75%	4.25%
9	503	39,233,285	39,984,686	40,822,233	47%	1.92%	4.05%
10	398	31,202,478	32,282,841	32,403,773	90%	3.46%	3.85%
11	311	25,139,117	25,554,413	26,081,834	44%	1.65%	3.75%
12	238	19,554,546	19,785,606	20,287,841	32%	1.18%	3.75%
13	119	9,551,440	9,754,549	9,909,619	57%	2.13%	3.75%
14	109	8,838,939	9,020,788	9,170,399	55%	2.06%	3.75%
15	108	8,940,125	9,071,283	9,275,380	39%	1.47%	3.75%
16	94	7,820,271	7,986,177	8,113,531	57%	2.12%	3.75%
17	111	9,509,045	9,640,604	9,865,634	37%	1.38%	3.75%
18	118	10,090,152	10,124,127	10,468,533	9%	0.34%	3.75%
19	159	13,718,465	13,808,806	14,232,907	18%	0.66%	3.75%
20	161	14,105,332	14,168,756	14,634,282	12%	0.45%	3.75%
21	156	13,834,236	13,886,608	14,353,020	10%	0.38%	3.75%
22	143	12,711,975	12,803,555	13,188,674	19%	0.72%	3.75%
23	93	8,406,689	8,426,888	8,721,940	6%	0.24%	3.75%
24	78	7,057,757	7,038,102	7,322,423	-7%	-0.28%	3.75%
25	86	7,683,032	7,629,907	7,971,146	-18%	-0.69%	3.75%
26	62	5,501,181	5,521,183	5,707,475	10%	0.36%	3.75%
27	78	7,049,543	7,079,551	7,313,901	11%	0.43%	3.75%
28	60	5,568,734	5,635,907	5,777,562	32%	1.21%	3.75%
29	56	5,240,263	5,229,545	5,436,773	-5%	-0.20%	3.75%
30+	46	4,277,979	4,279,386	4,438,403	1%	0.03%	3.75%
Total	5,947	458,560,321	471,302,976	479,872,001	60%	2.78%	4.65%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12B

4-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	67	\$ 3,563,841	\$ 3,783,078	\$ 3,831,129	82%	6.15%	7.50%
1	146	7,912,217	8,175,594	8,426,511	51%	3.33%	6.50%
2	189	11,207,004	11,617,100	11,823,389	67%	3.66%	5.50%
3	234	14,336,829	14,885,064	15,125,355	70%	3.82%	5.50%
4	269	17,700,329	18,372,313	18,496,844	84%	3.80%	4.50%
5	372	25,726,423	26,316,428	26,626,848	66%	2.29%	3.50%
6	404	29,265,727	29,518,702	29,997,370	35%	0.86%	2.50%
7	481	36,029,001	36,244,109	36,569,436	40%	0.60%	1.50%
8	498	37,784,366	37,872,243	37,973,288	47%	0.23%	0.50%
9	503	39,233,285	39,242,026	39,350,985	7%	0.02%	0.30%
10	398	31,202,478	31,242,125	31,233,680	127%	0.13%	0.10%
11	311	25,139,117	25,139,117	25,139,117		0.00%	0.00%
12	238	19,554,546	19,554,546	19,554,546		0.00%	0.00%
13	119	9,551,440	9,551,440	9,551,440		0.00%	0.00%
14	109	8,838,939	8,838,939	8,838,939		0.00%	0.00%
15	108	8,940,125	8,940,125	8,940,125		0.00%	0.00%
16	94	7,820,271	7,820,271	7,820,271		0.00%	0.00%
17	111	9,509,045	9,509,045	9,509,045		0.00%	0.00%
18	118	10,090,152	10,090,152	10,090,152		0.00%	0.00%
19	159	13,718,465	13,718,465	13,718,465		0.00%	0.00%
20	161	14,105,332	14,105,332	14,105,332		0.00%	0.00%
21	156	13,834,236	13,834,236	13,834,236		0.00%	0.00%
22	143	12,711,975	12,711,975	12,711,975		0.00%	0.00%
23	93	8,406,689	8,406,689	8,406,689		0.00%	0.00%
24	78	7,057,757	7,057,757	7,057,757		0.00%	0.00%
25	86	7,683,032	7,683,032	7,683,032		0.00%	0.00%
26	62	5,501,181	5,501,181	5,501,181		0.00%	0.00%
27	78	7,049,543	7,049,543	7,049,543		0.00%	0.00%
28	60	5,568,734	5,568,734	5,568,734		0.00%	0.00%
29	56	5,240,263	5,240,263	5,240,263		0.00%	0.00%
30+	46	4,277,979	4,277,979	4,277,979		0.00%	0.00%
Total	5,947	458,560,321	461,867,603	464,053,656	60%	0.72%	1.20%

The rates for expected merit salary increases are based on actual rates of increase for total salary, adjusted for inflation of 1.71%.
Actual Merit Salary EOY was estimated using Total Salary BOY and expected merit increase rates.

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12B

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	67	\$ 3,563,841	\$ 3,783,078	\$ 3,831,129	82%	6.15%	7.50%
1	146	7,912,217	8,175,594	8,268,267	74%	3.33%	4.50%
2	189	11,207,004	11,617,100	11,655,284	91%	3.66%	4.00%
3	234	14,336,829	14,885,064	14,910,302	96%	3.82%	4.00%
4	269	17,700,329	18,372,313	18,408,342	95%	3.80%	4.00%
5	372	25,726,423	26,316,428	26,498,216	76%	2.29%	3.00%
6	404	29,265,727	29,518,702	29,558,384	86%	0.86%	1.00%
7	481	36,029,001	36,244,109	36,389,291	60%	0.60%	1.00%
8	498	37,784,366	37,872,243	37,973,288	47%	0.23%	0.50%
9	503	39,233,285	39,242,026	39,350,985	7%	0.02%	0.30%
10	398	31,202,478	31,242,125	31,233,680	127%	0.13%	0.10%
11	311	25,139,117	25,139,117	25,139,117		0.00%	0.00%
12	238	19,554,546	19,554,546	19,554,546		0.00%	0.00%
13	119	9,551,440	9,551,440	9,551,440		0.00%	0.00%
14	109	8,838,939	8,838,939	8,838,939		0.00%	0.00%
15	108	8,940,125	8,940,125	8,940,125		0.00%	0.00%
16	94	7,820,271	7,820,271	7,820,271		0.00%	0.00%
17	111	9,509,045	9,509,045	9,509,045		0.00%	0.00%
18	118	10,090,152	10,090,152	10,090,152		0.00%	0.00%
19	159	13,718,465	13,718,465	13,718,465		0.00%	0.00%
20	161	14,105,332	14,105,332	14,105,332		0.00%	0.00%
21	156	13,834,236	13,834,236	13,834,236		0.00%	0.00%
22	143	12,711,975	12,711,975	12,711,975		0.00%	0.00%
23	93	8,406,689	8,406,689	8,406,689		0.00%	0.00%
24	78	7,057,757	7,057,757	7,057,757		0.00%	0.00%
25	86	7,683,032	7,683,032	7,683,032		0.00%	0.00%
26	62	5,501,181	5,501,181	5,501,181		0.00%	0.00%
27	78	7,049,543	7,049,543	7,049,543		0.00%	0.00%
28	60	5,568,734	5,568,734	5,568,734		0.00%	0.00%
29	56	5,240,263	5,240,263	5,240,263		0.00%	0.00%
30+	46	4,277,979	4,277,979	4,277,979		0.00%	0.00%
Total	5,947	458,560,321	461,867,603	462,675,989	80%	0.72%	0.90%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12A

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Total Salary BOY</u> (3)	<u>Actual Salary EOY</u> (4)	<u>Expected Salary EOY</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (8)
0	390	\$ 17,907,362	\$ 19,870,335	\$ 19,877,172	100%	10.96%	11.00%
1	862	42,876,994	46,131,100	47,164,693	76%	7.59%	10.00%
2	935	50,177,120	53,886,273	54,693,061	82%	7.39%	9.00%
3	1,075	61,376,774	66,047,348	66,900,684	85%	7.61%	9.00%
4	1,033	63,493,767	68,345,854	68,573,268	96%	7.64%	8.00%
5	1,017	66,434,239	70,744,503	71,084,636	93%	6.49%	7.00%
6	949	65,178,821	68,645,975	69,089,550	89%	5.32%	6.00%
7	887	63,899,440	66,405,186	67,094,412	78%	3.92%	5.00%
8	815	60,449,384	62,546,752	62,867,359	87%	3.47%	4.00%
9	715	53,821,344	55,198,409	55,866,555	67%	2.56%	3.80%
10	585	44,398,803	46,060,107	45,997,160	104%	3.74%	3.60%
11	510	39,505,433	40,641,789	40,888,123	82%	2.88%	3.50%
12	439	34,304,560	35,180,240	35,505,220	73%	2.55%	3.50%
13	392	29,349,981	30,012,873	30,377,230	65%	2.26%	3.50%
14	393	29,179,496	30,704,075	30,200,778	149%	5.22%	3.50%
15	389	29,713,476	30,690,827	30,753,448	94%	3.29%	3.50%
16	380	29,703,726	30,930,788	30,743,356	118%	4.13%	3.50%
17	386	30,839,446	31,520,906	31,918,827	63%	2.21%	3.50%
18	397	31,365,570	32,810,211	32,463,365	132%	4.61%	3.50%
19	397	32,096,071	33,136,197	33,219,433	93%	3.24%	3.50%
20	355	29,277,261	29,996,889	30,301,965	70%	2.46%	3.50%
21	363	29,917,538	30,666,184	30,964,652	71%	2.50%	3.50%
22	329	27,487,080	28,413,589	28,449,128	96%	3.37%	3.50%
23	267	22,529,589	22,984,350	23,318,125	58%	2.02%	3.50%
24	222	18,578,286	19,198,943	19,228,526	95%	3.34%	3.50%
25	193	16,500,563	16,372,331	17,078,083	-22%	-0.78%	3.50%
26	161	13,666,002	14,063,534	14,144,312	83%	2.91%	3.50%
27	138	11,865,648	12,002,467	12,280,946	33%	1.15%	3.50%
28	108	9,315,039	9,599,468	9,641,065	87%	3.05%	3.50%
29	81	7,246,143	7,373,844	7,499,758	50%	1.76%	3.50%
30+	69	6,526,792	6,501,448	6,755,230	-11%	-0.39%	3.50%
Total	15,232	1,068,981,748	1,116,682,795	1,124,940,120	85%	4.46%	5.23%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12A

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Total Salary BOY</u> (3)	<u>Actual Salary EOY</u> (4)	<u>Proposed Salary EOY</u> (5)	<u>Actual / Proposed</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Proposed %</u> (8)
0	390	\$ 17,907,362	\$ 19,870,335	\$ 19,921,940	97%	10.96%	11.25%
1	862	42,876,994	46,131,100	46,414,346	92%	7.59%	8.25%
2	935	50,177,120	53,886,273	54,065,847	95%	7.39%	7.75%
3	1,075	61,376,774	66,047,348	66,133,474	98%	7.61%	7.75%
4	1,033	63,493,767	68,345,854	68,414,534	99%	7.64%	7.75%
5	1,017	66,434,239	70,744,503	70,918,550	96%	6.49%	6.75%
6	949	65,178,821	68,645,975	68,274,815	112%	5.32%	4.75%
7	887	63,899,440	66,405,186	66,934,663	83%	3.92%	4.75%
8	815	60,449,384	62,546,752	63,018,483	82%	3.47%	4.25%
9	715	53,821,344	55,198,409	56,001,108	63%	2.56%	4.05%
10	585	44,398,803	46,060,107	46,108,157	97%	3.74%	3.85%
11	510	39,505,433	40,641,789	40,986,887	77%	2.88%	3.75%
12	439	34,304,560	35,180,240	35,590,981	68%	2.55%	3.75%
13	392	29,349,981	30,012,873	30,450,605	60%	2.26%	3.75%
14	393	29,179,496	30,704,075	30,273,727	139%	5.22%	3.75%
15	389	29,713,476	30,690,827	30,827,731	88%	3.29%	3.75%
16	380	29,703,726	30,930,788	30,817,616	110%	4.13%	3.75%
17	386	30,839,446	31,520,906	31,995,925	59%	2.21%	3.75%
18	397	31,365,570	32,810,211	32,541,779	123%	4.61%	3.75%
19	397	32,096,071	33,136,197	33,299,674	86%	3.24%	3.75%
20	355	29,277,261	29,996,889	30,375,158	66%	2.46%	3.75%
21	363	29,917,538	30,666,184	31,039,446	67%	2.50%	3.75%
22	329	27,487,080	28,413,589	28,517,846	90%	3.37%	3.75%
23	267	22,529,589	22,984,350	23,374,449	54%	2.02%	3.75%
24	222	18,578,286	19,198,943	19,274,972	89%	3.34%	3.75%
25	193	16,500,563	16,372,331	17,119,334	-21%	-0.78%	3.75%
26	161	13,666,002	14,063,534	14,178,477	78%	2.91%	3.75%
27	138	11,865,648	12,002,467	12,310,610	31%	1.15%	3.75%
28	108	9,315,039	9,599,468	9,664,353	81%	3.05%	3.75%
29	81	7,246,143	7,373,844	7,517,873	47%	1.76%	3.75%
30+	69	6,526,792	6,501,448	6,771,547	-10%	-0.39%	3.75%
Total	15,232	1,068,981,748	1,116,682,795	1,123,134,906	88%	4.46%	5.07%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN**

TABLE 12B

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	390	\$ 17,907,362	\$ 19,008,970	\$ 19,250,414	82%	6.15%	7.50%
1	862	42,876,994	44,304,256	45,663,999	51%	3.33%	6.50%
2	935	50,177,120	52,013,243	52,936,862	67%	3.66%	5.50%
3	1,075	61,376,774	63,723,798	64,752,497	70%	3.82%	5.50%
4	1,033	63,493,767	65,904,275	66,350,987	84%	3.80%	4.50%
5	1,017	66,434,239	67,957,830	68,759,437	66%	2.29%	3.50%
6	949	65,178,821	65,742,232	66,808,292	35%	0.86%	2.50%
7	887	63,899,440	64,280,946	64,857,932	40%	0.60%	1.50%
8	815	60,449,384	60,589,974	60,751,631	47%	0.23%	0.50%
9	715	53,821,344	53,833,335	53,982,808	7%	0.02%	0.30%
10	585	44,398,803	44,455,218	44,443,202	127%	0.13%	0.10%
11	510	39,505,433	39,505,433	39,505,433		0.00%	0.00%
12	439	34,304,560	34,304,560	34,304,560		0.00%	0.00%
13	392	29,349,981	29,349,981	29,349,981		0.00%	0.00%
14	393	29,179,496	29,179,496	29,179,496		0.00%	0.00%
15	389	29,713,476	29,713,476	29,713,476		0.00%	0.00%
16	380	29,703,726	29,703,726	29,703,726		0.00%	0.00%
17	386	30,839,446	30,839,446	30,839,446		0.00%	0.00%
18	397	31,365,570	31,365,570	31,365,570		0.00%	0.00%
19	397	32,096,071	32,096,071	32,096,071		0.00%	0.00%
20	355	29,277,261	29,277,261	29,277,261		0.00%	0.00%
21	363	29,917,538	29,917,538	29,917,538		0.00%	0.00%
22	329	27,487,080	27,487,080	27,487,080		0.00%	0.00%
23	267	22,529,589	22,529,589	22,529,589		0.00%	0.00%
24	222	18,578,286	18,578,286	18,578,286		0.00%	0.00%
25	193	16,500,563	16,500,563	16,500,563		0.00%	0.00%
26	161	13,666,002	13,666,002	13,666,002		0.00%	0.00%
27	138	11,865,648	11,865,648	11,865,648		0.00%	0.00%
28	108	9,315,039	9,315,039	9,315,039		0.00%	0.00%
29	81	7,246,143	7,246,143	7,246,143		0.00%	0.00%
30+	69	6,526,792	6,526,792	6,526,792		0.00%	0.00%
Total	15,232	1,068,981,748	1,080,781,777	1,087,525,759	64%	1.10%	1.73%

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 EMPLOYEES' RETIREMENT SYSTEM - TBTA
MERIT SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

TABLE 12B

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	390	\$ 17,907,362	\$ 19,008,970	\$ 19,250,414	82%	6.15%	7.50%
1	862	42,876,994	44,304,256	44,806,459	74%	3.33%	4.50%
2	935	50,177,120	52,013,243	52,184,205	91%	3.66%	4.00%
3	1,075	61,376,774	63,723,798	63,831,845	96%	3.82%	4.00%
4	1,033	63,493,767	65,904,275	66,033,518	95%	3.80%	4.00%
5	1,017	66,434,239	67,957,830	68,427,266	76%	2.29%	3.00%
6	949	65,178,821	65,742,232	65,830,609	86%	0.86%	1.00%
7	887	63,899,440	64,280,946	64,538,434	60%	0.60%	1.00%
8	815	60,449,384	60,589,974	60,751,631	47%	0.23%	0.50%
9	715	53,821,344	53,833,335	53,982,808	7%	0.02%	0.30%
10	585	44,398,803	44,455,218	44,443,202	127%	0.13%	0.10%
11	510	39,505,433	39,505,433	39,505,433		0.00%	0.00%
12	439	34,304,560	34,304,560	34,304,560		0.00%	0.00%
13	392	29,349,981	29,349,981	29,349,981		0.00%	0.00%
14	393	29,179,496	29,179,496	29,179,496		0.00%	0.00%
15	389	29,713,476	29,713,476	29,713,476		0.00%	0.00%
16	380	29,703,726	29,703,726	29,703,726		0.00%	0.00%
17	386	30,839,446	30,839,446	30,839,446		0.00%	0.00%
18	397	31,365,570	31,365,570	31,365,570		0.00%	0.00%
19	397	32,096,071	32,096,071	32,096,071		0.00%	0.00%
20	355	29,277,261	29,277,261	29,277,261		0.00%	0.00%
21	363	29,917,538	29,917,538	29,917,538		0.00%	0.00%
22	329	27,487,080	27,487,080	27,487,080		0.00%	0.00%
23	267	22,529,589	22,529,589	22,529,589		0.00%	0.00%
24	222	18,578,286	18,578,286	18,578,286		0.00%	0.00%
25	193	16,500,563	16,500,563	16,500,563		0.00%	0.00%
26	161	13,666,002	13,666,002	13,666,002		0.00%	0.00%
27	138	11,865,648	11,865,648	11,865,648		0.00%	0.00%
28	108	9,315,039	9,315,039	9,315,039		0.00%	0.00%
29	81	7,246,143	7,246,143	7,246,143		0.00%	0.00%
30+	69	6,526,792	6,526,792	6,526,792		0.00%	0.00%
Total	15,232	1,068,981,748	1,080,781,777	1,083,048,091	84%	1.10%	1.32%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
TOTAL SALARY EXPERIENCE OF ACTIVE MEMBERS
MEN AND WOMEN

Plan Year Ending June 30, (1)	TABLE 12C 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) (6)	Expected (5) / (3) (7)
2004	1,444	\$ 87,666,010	\$ 92,303,584	\$ 92,703,801	92%	5.29%	5.75%
2005	1,562	96,823,221	103,544,443	102,545,954	117%	6.94%	5.91%
2006	1,555	100,795,468	105,476,956	106,593,808	81%	4.64%	5.75%
2007	1,588	105,207,665	113,162,664	111,120,953	135%	7.56%	5.62%
2008	1,571	110,579,197	113,794,559	116,577,414	54%	2.91%	5.42%
2009	1,632	115,434,656	123,457,818	121,592,680	130%	6.95%	5.33%
2010	1,596	119,177,568	119,685,098	125,195,101	8%	0.43%	5.05%
2011	1,544	115,163,418	124,203,043	120,647,170	165%	7.85%	4.76%
2012	1,487	119,033,503	120,938,118	124,426,287	35%	1.60%	4.53%
2013	1,399	112,396,680	113,736,616	117,297,938	27%	1.19%	4.36%
Total	15,378	1,082,277,386	1,130,302,899	1,138,701,105	85%	4.44%	5.21%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN

TABLE 13A

4-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	67	\$ 2,969,868	\$ 47,069	\$ 593,974	8%	1.58%	20.00%
1	142	6,428,820	959,582	1,285,764	75%	14.93%	20.00%
2	183	8,983,113	1,474,525	1,796,623	82%	16.41%	20.00%
3	238	12,218,737	2,174,715	2,443,747	89%	17.80%	20.00%
4	273	14,901,393	2,653,768	2,980,279	89%	17.81%	20.00%
5	357	20,511,629	4,077,630	4,102,326	99%	19.88%	20.00%
6	410	24,801,436	5,364,384	4,960,287	108%	21.63%	20.00%
7	480	29,952,046	6,622,768	5,990,409	111%	22.11%	20.00%
8	499	31,488,351	6,953,441	6,297,670	110%	22.08%	20.00%
9	500	32,397,491	7,676,836	6,479,498	118%	23.70%	20.00%
10	406	26,532,811	6,318,496	5,306,562	119%	23.81%	20.00%
11	313	21,125,150	4,217,642	4,225,030	100%	19.97%	20.00%
12	238	16,339,125	2,688,015	3,267,825	82%	16.45%	20.00%
13	122	8,128,603	1,038,882	1,625,721	64%	12.78%	20.00%
14	108	7,312,424	862,919	1,462,485	59%	11.80%	20.00%
15	107	7,363,359	957,251	1,472,672	65%	13.00%	20.00%
16	97	6,717,260	885,923	1,343,452	66%	13.19%	20.00%
17	105	7,482,746	844,392	1,496,549	56%	11.28%	20.00%
18	121	8,633,467	1,114,722	1,726,693	65%	12.91%	20.00%
19	155	11,155,479	1,959,966	2,231,096	88%	17.57%	20.00%
20	163	11,926,128	1,993,944	2,385,226	84%	16.72%	20.00%
21	160	11,791,244	1,620,754	2,358,249	69%	13.75%	20.00%
22	141	10,466,287	1,566,853	2,093,257	75%	14.97%	20.00%
23	92	6,891,094	1,299,560	1,378,219	94%	18.86%	20.00%
24	82	6,181,598	1,384,144	1,236,320	112%	22.39%	20.00%
25	82	6,125,608	1,299,643	1,225,122	106%	21.22%	20.00%
26	65	4,811,883	756,342	962,377	79%	15.72%	20.00%
27	79	5,923,973	904,576	1,184,795	76%	15.27%	20.00%
28	60	4,640,612	718,576	928,122	77%	15.48%	20.00%
29	54	4,237,710	632,756	847,542	75%	14.93%	20.00%
30	48	3,694,158	650,958	738,832	88%	17.62%	20.00%
31	23	1,604,392	235,931	320,878	74%	14.71%	20.00%
32	22	1,510,646	205,616	302,129	68%	13.61%	20.00%
33	13	962,508	37,542	192,502	20%	3.90%	20.00%
34	4	391,234	18,124	78,247	23%	4.63%	20.00%
35	3	307,294	14,113	61,459	23%	4.59%	20.00%
36	3	225,329	683	45,066	2%	0.30%	20.00%
37	3	225,329	1,320	45,066	3%	0.59%	20.00%
38	3	288,663	34,729	57,733	60%	12.03%	20.00%
39	3	289,120	31,515	57,824	55%	10.90%	20.00%
40	1	103,796	17,947	20,759	86%	17.29%	20.00%
41	1	100,730	14,815	20,146	74%	14.71%	20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	6,026	388,142,641	72,333,367	77,628,528	93%	18.64%	20.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN

TABLE 13A

4-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	67	\$ 2,969,868	\$ 47,069	\$ 593,974	8%	1.58%	20.00%
1	142	6,428,820	959,582	1,285,764	75%	14.93%	20.00%
2	183	8,983,113	1,474,525	1,796,623	82%	16.41%	20.00%
3	238	12,218,737	2,174,715	2,443,747	89%	17.80%	20.00%
4	273	14,901,393	2,653,768	2,980,279	89%	17.81%	20.00%
5	357	20,511,629	4,077,630	4,102,326	99%	19.88%	20.00%
6	410	24,801,436	5,364,384	4,960,287	108%	21.63%	20.00%
7	480	29,952,046	6,622,768	5,990,409	111%	22.11%	20.00%
8	499	31,488,351	6,953,441	6,297,670	110%	22.08%	20.00%
9	500	32,397,491	7,676,836	6,479,498	118%	23.70%	20.00%
10	406	26,532,811	6,318,496	5,306,562	119%	23.81%	20.00%
11	313	21,125,150	4,217,642	4,225,030	100%	19.97%	20.00%
12	238	16,339,125	2,688,015	3,267,825	82%	16.45%	20.00%
13	122	8,128,603	1,038,882	1,625,721	64%	12.78%	20.00%
14	108	7,312,424	862,919	1,462,485	59%	11.80%	20.00%
15	107	7,363,359	957,251	1,472,672	65%	13.00%	20.00%
16	97	6,717,260	885,923	1,343,452	66%	13.19%	20.00%
17	105	7,482,746	844,392	1,496,549	56%	11.28%	20.00%
18	121	8,633,467	1,114,722	1,726,693	65%	12.91%	20.00%
19	155	11,155,479	1,959,966	2,231,096	88%	17.57%	20.00%
20	163	11,926,128	1,993,944	2,385,226	84%	16.72%	20.00%
21	160	11,791,244	1,620,754	2,358,249	69%	13.75%	20.00%
22	141	10,466,287	1,566,853	2,093,257	75%	14.97%	20.00%
23	92	6,891,094	1,299,560	1,378,219	94%	18.86%	20.00%
24	82	6,181,598	1,384,144	1,236,320	112%	22.39%	20.00%
25	82	6,125,608	1,299,643	1,225,122	106%	21.22%	20.00%
26	65	4,811,883	756,342	962,377	79%	15.72%	20.00%
27	79	5,923,973	904,576	1,184,795	76%	15.27%	20.00%
28	60	4,640,612	718,576	928,122	77%	15.48%	20.00%
29	54	4,237,710	632,756	847,542	75%	14.93%	20.00%
30	48	3,694,158	650,958	738,832	88%	17.62%	20.00%
31	23	1,604,392	235,931	320,878	74%	14.71%	20.00%
32	22	1,510,646	205,616	302,129	68%	13.61%	20.00%
33	13	962,508	37,542	192,502	20%	3.90%	20.00%
34	4	391,234	18,124	78,247	23%	4.63%	20.00%
35	3	307,294	14,113	61,459	23%	4.59%	20.00%
36	3	225,329	683	45,066	2%	0.30%	20.00%
37	3	225,329	1,320	45,066	3%	0.59%	20.00%
38	3	288,663	34,729	57,733	60%	12.03%	20.00%
39	3	289,120	31,515	57,824	55%	10.90%	20.00%
40	1	103,796	17,947	20,759	86%	17.29%	20.00%
41	1	100,730	14,815	20,146	74%	14.71%	20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	6,026	388,142,641	72,333,367	77,628,528	93%	18.64%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 13B

4-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	0	-	-	-		0.00%	20.00%
1	0	-	-	-		0.00%	20.00%
2	0	-	-	-		0.00%	20.00%
3	0	-	-	-		0.00%	20.00%
4	1	\$ 83,290	-	\$ 16,658		0.00%	20.00%
5	1	33,431	-	6,686		0.00%	20.00%
6	1	81,741	-	16,348		0.00%	20.00%
7	1	60,200	-	12,040		0.00%	20.00%
8	2	187,086	-	37,417		0.00%	20.00%
9	10	670,729	\$ 7,357	134,146	5%	1.10%	20.00%
10	8	516,773	19,267	103,355	19%	3.73%	20.00%
11	3	246,166	8,485	49,233	17%	3.45%	20.00%
12	6	444,600	49,452	88,920	56%	11.12%	20.00%
13	3	170,027	4,837	34,005	14%	2.84%	20.00%
14	8	498,489	34,765	99,698	35%	6.97%	20.00%
15	4	328,497	-	65,699		0.00%	20.00%
16	4	336,346	-	67,269		0.00%	20.00%
17	5	494,648	20,958	98,930	21%	4.24%	20.00%
18	7	490,908	87,347	98,182	89%	17.79%	20.00%
19	7	517,589	68,872	103,518	67%	13.31%	20.00%
20	14	947,998	270,682	189,600	143%	28.55%	20.00%
21	9	630,365	157,309	126,073	125%	24.96%	20.00%
22	6	431,441	81,935	86,288	95%	18.99%	20.00%
23	10	773,856	167,877	154,771	108%	21.69%	20.00%
24	12	901,076	334,567	180,215	186%	37.13%	20.00%
25	6	429,648	103,049	85,930	120%	23.98%	20.00%
26	11	744,511	240,657	148,902	162%	32.32%	20.00%
27	6	449,966	152,934	89,993	170%	33.99%	20.00%
28	11	853,722	211,751	170,744	124%	24.80%	20.00%
29	7	515,268	68,412	103,054	66%	13.28%	20.00%
30	10	722,823	118,075	144,565	82%	16.34%	20.00%
31	7	582,798	163,905	116,560	141%	28.12%	20.00%
32	3	211,238	17,782	42,248	42%	8.42%	20.00%
33	3	202,965	55,441	40,593	137%	27.32%	20.00%
34	3	242,642	-	48,528		0.00%	20.00%
35	0	-	-	-		0.00%	20.00%
36	0	-	-	-		0.00%	20.00%
37	0	-	-	-		0.00%	20.00%
38	0	-	-	-		0.00%	20.00%
39	0	-	-	-		0.00%	20.00%
40	0	-	-	-		0.00%	20.00%
41	0	-	-	-		0.00%	20.00%
42	0	-	-	-		0.00%	20.00%
43	0	-	-	-		0.00%	20.00%
44	0	-	-	-		0.00%	20.00%
45	1	65,859	50	13,172	0%	0.08%	20.00%
Total	190	13,866,692	2,445,766	2,773,338	88%	17.64%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 13B

4-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	0	-	-	-		0.00%	22.00%
1	0	-	-	-		0.00%	22.00%
2	0	-	-	-		0.00%	22.00%
3	0	-	-	-		0.00%	22.00%
4	1	\$ 83,290	-	\$ 18,324		0.00%	22.00%
5	1	33,431	-	7,355		0.00%	22.00%
6	1	81,741	-	17,983		0.00%	22.00%
7	1	60,200	-	13,244		0.00%	22.00%
8	2	187,086	-	41,159		0.00%	22.00%
9	10	670,729	\$ 7,357	147,560	5%	1.10%	22.00%
10	8	516,773	19,267	113,690	17%	3.73%	22.00%
11	3	246,166	8,485	54,156	16%	3.45%	22.00%
12	6	444,600	49,452	97,812	51%	11.12%	22.00%
13	3	170,027	4,837	37,406	13%	2.84%	22.00%
14	8	498,489	34,765	109,668	32%	6.97%	22.00%
15	4	328,497	-	72,269		0.00%	22.00%
16	4	336,346	-	73,996		0.00%	22.00%
17	5	494,648	20,958	108,823	19%	4.24%	22.00%
18	7	490,908	87,347	108,000	81%	17.79%	22.00%
19	7	517,589	68,872	113,870	60%	13.31%	22.00%
20	14	947,998	270,682	208,560	130%	28.55%	22.00%
21	9	630,365	157,309	138,680	113%	24.96%	22.00%
22	6	431,441	81,935	94,917	86%	18.99%	22.00%
23	10	773,856	167,877	170,248	99%	21.69%	22.00%
24	12	901,076	334,567	198,237	169%	37.13%	22.00%
25	6	429,648	103,049	94,522	109%	23.98%	22.00%
26	11	744,511	240,657	163,792	147%	32.32%	22.00%
27	6	449,966	152,934	98,992	154%	33.99%	22.00%
28	11	853,722	211,751	187,819	113%	24.80%	22.00%
29	7	515,268	68,412	113,359	60%	13.28%	22.00%
30	10	722,823	118,075	159,021	74%	16.34%	22.00%
31	7	582,798	163,905	128,215	128%	28.12%	22.00%
32	3	211,238	17,782	46,472	38%	8.42%	22.00%
33	3	202,965	55,441	44,652	124%	27.32%	22.00%
34	3	242,642	-	53,381		0.00%	22.00%
35	0	-	-	-		0.00%	22.00%
36	0	-	-	-		0.00%	22.00%
37	0	-	-	-		0.00%	22.00%
38	0	-	-	-		0.00%	22.00%
39	0	-	-	-		0.00%	22.00%
40	0	-	-	-		0.00%	22.00%
41	0	-	-	-		0.00%	22.00%
42	0	-	-	-		0.00%	22.00%
43	0	-	-	-		0.00%	22.00%
44	0	-	-	-		0.00%	22.00%
45	1	65,859	50	14,489	0%	0.08%	22.00%
Total	190	13,866,692	2,445,766	3,050,672	80%	17.64%	22.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 13C

4-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	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	0	-	-	-			20.00%
3	0	-	-	-			20.00%
4	1	\$ 48,362	\$ 12,576	\$ 9,672	130%	26.00%	20.00%
5	1	53,869	5,286	10,774	49%	9.81%	20.00%
6	0	-	-	-			20.00%
7	1	50,736	21,267	10,147	210%	41.92%	20.00%
8	1	73,744	-	14,749			20.00%
9	0	-	-	-			20.00%
10	1	60,691	12,599	12,138	104%	20.76%	20.00%
11	0	-	-	-			20.00%
12	0	-	-	-			20.00%
13	0	-	-	-			20.00%
14	0	-	-	-			20.00%
15	0	-	-	-			20.00%
16	1	46,847	-	9,369			20.00%
17	1	49,840	-	9,968			20.00%
18	0	-	-	-			20.00%
19	1	62,730	11,331	12,546	90%	18.06%	20.00%
20	1	58,542	-	11,708			20.00%
21	0	-	-	-			20.00%
22	0	-	-	-			20.00%
23	0	-	-	-			20.00%
24	1	77,681	15,039	15,536	97%	19.36%	20.00%
25	0	-	-	-			20.00%
26	1	61,012	8,868	12,202	73%	14.53%	20.00%
27	0	-	-	-			20.00%
28	1	54,683	-	10,937			20.00%
29	0	-	-	-			20.00%
30	0	-	-	-			20.00%
31	0	-	-	-			20.00%
32	0	-	-	-			20.00%
33	0	-	-	-			20.00%
34	0	-	-	-			20.00%
35	0	-	-	-			20.00%
36	0	-	-	-			20.00%
37	0	-	-	-			20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	0	-	-	-			20.00%
41	0	-	-	-			20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	12	698,735	86,966	139,747	62%	12.45%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 13C

4-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	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	0	-	-	-			20.00%
3	0	-	-	-			20.00%
4	1	\$ 48,362	\$ 12,576	\$ 9,672	130%	26.00%	20.00%
5	1	53,869	5,286	10,774	49%	9.81%	20.00%
6	0	-	-	-			20.00%
7	1	50,736	21,267	10,147	210%	41.92%	20.00%
8	1	73,744	-	14,749			20.00%
9	0	-	-	-			20.00%
10	1	60,691	12,599	12,138	104%	20.76%	20.00%
11	0	-	-	-			20.00%
12	0	-	-	-			20.00%
13	0	-	-	-			20.00%
14	0	-	-	-			20.00%
15	0	-	-	-			20.00%
16	1	46,847	-	9,369			20.00%
17	1	49,840	-	9,968			20.00%
18	0	-	-	-			20.00%
19	1	62,730	11,331	12,546	90%	18.06%	20.00%
20	1	58,542	-	11,708			20.00%
21	0	-	-	-			20.00%
22	0	-	-	-			20.00%
23	0	-	-	-			20.00%
24	1	77,681	15,039	15,536	97%	19.36%	20.00%
25	0	-	-	-			20.00%
26	1	61,012	8,868	12,202	73%	14.53%	20.00%
27	0	-	-	-			20.00%
28	1	54,683	-	10,937			20.00%
29	0	-	-	-			20.00%
30	0	-	-	-			20.00%
31	0	-	-	-			20.00%
32	0	-	-	-			20.00%
33	0	-	-	-			20.00%
34	0	-	-	-			20.00%
35	0	-	-	-			20.00%
36	0	-	-	-			20.00%
37	0	-	-	-			20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	0	-	-	-			20.00%
41	0	-	-	-			20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	12	698,735	86,966	139,747	62%	12.45%	20.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN

TABLE 13A

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	393	\$ 14,976,751	\$ 367,236	\$ 2,995,350	12%	2.45%	20.00%
1	797	33,049,847	5,782,149	6,609,969	87%	17.50%	20.00%
2	937	41,679,002	8,955,247	8,335,800	107%	21.49%	20.00%
3	1,075	50,974,070	11,803,136	10,194,814	116%	23.16%	20.00%
4	1,039	52,806,088	12,316,148	10,561,218	117%	23.32%	20.00%
5	1,028	55,473,608	12,433,201	11,094,722	112%	22.41%	20.00%
6	962	55,058,327	12,598,261	11,011,665	114%	22.88%	20.00%
7	904	53,957,435	12,219,207	10,791,487	113%	22.65%	20.00%
8	824	50,746,298	11,039,585	10,149,260	109%	21.75%	20.00%
9	728	45,595,426	9,526,228	9,119,085	104%	20.89%	20.00%
10	598	37,865,870	7,553,184	7,573,174	100%	19.95%	20.00%
11	508	32,903,452	5,792,263	6,580,690	88%	17.60%	20.00%
12	443	28,832,179	4,601,001	5,766,436	80%	15.96%	20.00%
13	388	24,221,982	3,915,886	4,844,396	81%	16.17%	20.00%
14	389	24,123,663	4,417,717	4,824,733	92%	18.31%	20.00%
15	393	24,853,798	5,132,830	4,970,760	103%	20.65%	20.00%
16	381	24,719,438	5,376,496	4,943,888	109%	21.75%	20.00%
17	381	25,446,700	5,629,680	5,089,340	111%	22.12%	20.00%
18	401	26,470,122	6,142,487	5,294,024	116%	23.21%	20.00%
19	395	26,531,884	6,304,965	5,306,377	119%	23.76%	20.00%
20	365	25,062,225	5,532,855	5,012,445	110%	22.08%	20.00%
21	364	24,992,079	5,168,586	4,998,416	103%	20.68%	20.00%
22	331	22,966,812	5,058,595	4,593,362	110%	22.03%	20.00%
23	268	18,791,123	4,428,819	3,758,225	118%	23.57%	20.00%
24	227	15,869,168	3,849,185	3,173,834	121%	24.26%	20.00%
25	196	13,909,392	3,183,246	2,781,878	114%	22.89%	20.00%
26	164	11,561,473	2,297,107	2,312,295	99%	19.87%	20.00%
27	141	10,075,487	1,934,111	2,015,097	96%	19.20%	20.00%
28	108	7,762,078	1,617,211	1,552,416	104%	20.83%	20.00%
29	81	6,010,158	1,039,136	1,202,032	86%	17.29%	20.00%
30	71	5,555,409	795,887	1,111,082	72%	14.33%	20.00%
31	40	2,872,747	383,530	574,549	67%	13.35%	20.00%
32	37	2,738,662	332,233	547,732	61%	12.13%	20.00%
33	22	1,579,609	118,150	315,922	37%	7.48%	20.00%
34	12	1,035,349	106,816	207,070	52%	10.32%	20.00%
35	9	777,653	110,860	155,531	71%	14.26%	20.00%
36	5	380,769	67,991	76,154	89%	17.86%	20.00%
37	6	483,820	44,864	96,764	46%	9.27%	20.00%
38	3	288,663	34,729	57,733	60%	12.03%	20.00%
39	5	427,342	31,515	85,468	37%	7.37%	20.00%
40	3	246,164	17,947	49,233	36%	7.29%	20.00%
41	3	253,930	14,815	50,786	29%	5.83%	20.00%
42	1	57,379	-	11,476			20.00%
43	1	60,868	-	12,174			20.00%
44	1	54,863	-	10,973			20.00%
45	0	-	-	-			20.00%
Total	15,428	904,099,158	188,075,095	180,819,832	104%	20.80%	20.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN

TABLE 13A

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	393	\$ 14,976,751	\$ 367,236	\$ 2,995,350	12%	2.45%	20.00%
1	797	33,049,847	5,782,149	6,609,969	87%	17.50%	20.00%
2	937	41,679,002	8,955,247	8,335,800	107%	21.49%	20.00%
3	1,075	50,974,070	11,803,136	10,194,814	116%	23.16%	20.00%
4	1,039	52,806,088	12,316,148	10,561,218	117%	23.32%	20.00%
5	1,028	55,473,608	12,433,201	11,094,722	112%	22.41%	20.00%
6	962	55,058,327	12,598,261	11,011,665	114%	22.88%	20.00%
7	904	53,957,435	12,219,207	10,791,487	113%	22.65%	20.00%
8	824	50,746,298	11,039,585	10,149,260	109%	21.75%	20.00%
9	728	45,595,426	9,526,228	9,119,085	104%	20.89%	20.00%
10	598	37,865,870	7,553,184	7,573,174	100%	19.95%	20.00%
11	508	32,903,452	5,792,263	6,580,690	88%	17.60%	20.00%
12	443	28,832,179	4,601,001	5,766,436	80%	15.96%	20.00%
13	388	24,221,982	3,915,886	4,844,396	81%	16.17%	20.00%
14	389	24,123,663	4,417,717	4,824,733	92%	18.31%	20.00%
15	393	24,853,798	5,132,830	4,970,760	103%	20.65%	20.00%
16	381	24,719,438	5,376,496	4,943,888	109%	21.75%	20.00%
17	381	25,446,700	5,629,680	5,089,340	111%	22.12%	20.00%
18	401	26,470,122	6,142,487	5,294,024	116%	23.21%	20.00%
19	395	26,531,884	6,304,965	5,306,377	119%	23.76%	20.00%
20	365	25,062,225	5,532,855	5,012,445	110%	22.08%	20.00%
21	364	24,992,079	5,168,586	4,998,416	103%	20.68%	20.00%
22	331	22,966,812	5,058,595	4,593,362	110%	22.03%	20.00%
23	268	18,791,123	4,428,819	3,758,225	118%	23.57%	20.00%
24	227	15,869,168	3,849,185	3,173,834	121%	24.26%	20.00%
25	196	13,909,392	3,183,246	2,781,878	114%	22.89%	20.00%
26	164	11,561,473	2,297,107	2,312,295	99%	19.87%	20.00%
27	141	10,075,487	1,934,111	2,015,097	96%	19.20%	20.00%
28	108	7,762,078	1,617,211	1,552,416	104%	20.83%	20.00%
29	81	6,010,158	1,039,136	1,202,032	86%	17.29%	20.00%
30	71	5,555,409	795,887	1,111,082	72%	14.33%	20.00%
31	40	2,872,747	383,530	574,549	67%	13.35%	20.00%
32	37	2,738,662	332,233	547,732	61%	12.13%	20.00%
33	22	1,579,609	118,150	315,922	37%	7.48%	20.00%
34	12	1,035,349	106,816	207,070	52%	10.32%	20.00%
35	9	777,653	110,860	155,531	71%	14.26%	20.00%
36	5	380,769	67,991	76,154	89%	17.86%	20.00%
37	6	483,820	44,864	96,764	46%	9.27%	20.00%
38	3	288,663	34,729	57,733	60%	12.03%	20.00%
39	5	427,342	31,515	85,468	37%	7.37%	20.00%
40	3	246,164	17,947	49,233	36%	7.29%	20.00%
41	3	253,930	14,815	50,786	29%	5.83%	20.00%
42	1	57,379	-	11,476			20.00%
43	1	60,868	-	12,174			20.00%
44	1	54,863	-	10,973			20.00%
45	0	-	-	-			20.00%
Total	15,428	904,099,158	188,075,095	180,819,832	104%	20.80%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 13B

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	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	1	\$ 87,557	-	\$ 17,511			20.00%
3	0	-	-	-			20.00%
4	3	147,803	\$ 1,440	29,561	5%	0.97%	20.00%
5	5	455,218	-	91,044			20.00%
6	3	221,834	-	44,367			20.00%
7	3	182,518	-	36,504			20.00%
8	3	257,128	-	51,426			20.00%
9	14	988,113	7,357	197,623	4%	0.74%	20.00%
10	13	837,613	39,169	167,523	23%	4.68%	20.00%
11	7	464,088	8,485	92,818	9%	1.83%	20.00%
12	8	586,094	49,452	117,219	42%	8.44%	20.00%
13	8	502,282	26,744	100,456	27%	5.32%	20.00%
14	12	731,257	87,687	146,251	60%	11.99%	20.00%
15	7	613,748	27,903	122,750	23%	4.55%	20.00%
16	8	547,900	72,400	109,580	66%	13.21%	20.00%
17	9	710,072	84,110	142,014	59%	11.85%	20.00%
18	15	948,307	361,633	189,661	191%	38.13%	20.00%
19	26	1,656,002	660,535	331,200	199%	39.89%	20.00%
20	48	3,019,070	1,203,211	603,814	199%	39.85%	20.00%
21	42	2,680,411	1,034,142	536,082	193%	38.58%	20.00%
22	24	1,571,300	652,925	314,260	208%	41.55%	20.00%
23	27	1,776,533	544,813	355,307	153%	30.67%	20.00%
24	29	2,073,198	707,624	414,640	171%	34.13%	20.00%
25	19	1,344,883	608,420	268,977	226%	45.24%	20.00%
26	27	1,743,447	697,184	348,689	200%	39.99%	20.00%
27	10	688,608	242,587	137,722	176%	35.23%	20.00%
28	14	1,043,023	226,926	208,605	109%	21.76%	20.00%
29	11	803,909	285,871	160,782	178%	35.56%	20.00%
30	17	1,202,358	286,727	240,472	119%	23.85%	20.00%
31	12	1,011,350	210,551	202,270	104%	20.82%	20.00%
32	5	322,987	19,127	64,597	30%	5.92%	20.00%
33	9	696,698	124,918	139,340	90%	17.93%	20.00%
34	4	295,281	14,539	59,056	25%	4.92%	20.00%
35	2	158,109	12,394	31,622	39%	7.84%	20.00%
36	2	158,499	24,028	31,700	76%	15.16%	20.00%
37	1	57,271	1,313	11,454	11%	2.29%	20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	0	-	-	-			20.00%
41	0	-	-	-			20.00%
42	1	83,750	-	16,750			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	1	65,859	50	13,172	0%	0.08%	20.00%
Total	450	30,734,073	8,324,265	6,146,815	135%	27.08%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE SERVICE RETIREMENT
MEN AND WOMEN**

TABLE 13B

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	0	-	-	-			22.00%
1	0	-	-	-			22.00%
2	1	\$ 87,557	-	\$ 19,262			22.00%
3	0	-	-	-			22.00%
4	3	147,803	\$ 1,440	32,517	4%	0.97%	22.00%
5	5	455,218	-	100,148			22.00%
6	3	221,834	-	48,804			22.00%
7	3	182,518	-	40,154			22.00%
8	3	257,128	-	56,568			22.00%
9	14	988,113	7,357	217,385	3%	0.74%	22.00%
10	13	837,613	39,169	184,275	21%	4.68%	22.00%
11	7	464,088	8,485	102,099	8%	1.83%	22.00%
12	8	586,094	49,452	128,941	38%	8.44%	22.00%
13	8	502,282	26,744	110,502	24%	5.32%	22.00%
14	12	731,257	87,687	160,876	55%	11.99%	22.00%
15	7	613,748	27,903	135,024	21%	4.55%	22.00%
16	8	547,900	72,400	120,538	60%	13.21%	22.00%
17	9	710,072	84,110	156,216	54%	11.85%	22.00%
18	15	948,307	361,633	208,627	173%	38.13%	22.00%
19	26	1,656,002	660,535	364,320	181%	39.89%	22.00%
20	48	3,019,070	1,203,211	664,195	181%	39.85%	22.00%
21	42	2,680,411	1,034,142	589,690	175%	38.58%	22.00%
22	24	1,571,300	652,925	345,686	189%	41.55%	22.00%
23	27	1,776,533	544,813	390,837	139%	30.67%	22.00%
24	29	2,073,198	707,624	456,103	155%	34.13%	22.00%
25	19	1,344,883	608,420	295,874	206%	45.24%	22.00%
26	27	1,743,447	697,184	383,558	182%	39.99%	22.00%
27	10	688,608	242,587	151,494	160%	35.23%	22.00%
28	14	1,043,023	226,926	229,465	99%	21.76%	22.00%
29	11	803,909	285,871	176,860	162%	35.56%	22.00%
30	17	1,202,358	286,727	264,519	108%	23.85%	22.00%
31	12	1,011,350	210,551	222,497	95%	20.82%	22.00%
32	5	322,987	19,127	71,057	27%	5.92%	22.00%
33	9	696,698	124,918	153,274	81%	17.93%	22.00%
34	4	295,281	14,539	64,962	22%	4.92%	22.00%
35	2	158,109	12,394	34,784	36%	7.84%	22.00%
36	2	158,499	24,028	34,870	69%	15.16%	22.00%
37	1	57,271	1,313	12,600	10%	2.29%	22.00%
38	0	-	-	-			22.00%
39	0	-	-	-			22.00%
40	0	-	-	-			22.00%
41	0	-	-	-			22.00%
42	1	83,750	-	18,425			22.00%
43	0	-	-	-			22.00%
44	0	-	-	-			22.00%
45	1	65,859	50	14,489	0%	0.08%	22.00%
Total	450	30,734,073	8,324,265	6,761,496	123%	27.08%	22.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 13C

10-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	0	-	-	-			20.00%
1	0	-	-	-			20.00%
2	0	-	-	-			20.00%
3	1	\$ 41,758	\$ 1,633	\$ 8,352	20%	3.91%	20.00%
4	3	126,829	20,670	25,366	81%	16.30%	20.00%
5	1	53,869	5,286	10,774	49%	9.81%	20.00%
6	0	-	-	-			20.00%
7	2	102,600	23,301	20,520	114%	22.71%	20.00%
8	1	73,744	-	14,749			20.00%
9	0	-	-	-			20.00%
10	3	164,682	31,041	32,936	94%	18.85%	20.00%
11	1	28,350	-	5,670			20.00%
12	0	-	-	-			20.00%
13	2	97,393	35,737	19,479	183%	36.69%	20.00%
14	2	103,238	18,636	20,648	90%	18.05%	20.00%
15	1	48,198	1,015	9,640	11%	2.11%	20.00%
16	2	104,482	3,981	20,896	19%	3.81%	20.00%
17	1	49,840	-	9,968			20.00%
18	2	116,194	22,062	23,239	95%	18.99%	20.00%
19	2	113,532	24,184	22,706	107%	21.30%	20.00%
20	3	212,344	7,302	42,469	17%	3.44%	20.00%
21	1	62,882	4,150	12,576	33%	6.60%	20.00%
22	2	114,253	38,636	22,851	169%	33.82%	20.00%
23	0	-	-	-			20.00%
24	1	77,681	15,039	15,536	97%	19.36%	20.00%
25	0	-	-	-			20.00%
26	1	61,012	8,868	12,202	73%	14.53%	20.00%
27	0	-	-	-			20.00%
28	1	54,683	-	10,937			20.00%
29	0	-	-	-			20.00%
30	0	-	-	-			20.00%
31	0	-	-	-			20.00%
32	0	-	-	-			20.00%
33	0	-	-	-			20.00%
34	0	-	-	-			20.00%
35	0	-	-	-			20.00%
36	0	-	-	-			20.00%
37	0	-	-	-			20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	0	-	-	-			20.00%
41	0	-	-	-			20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	33	1,807,562	261,541	361,512	72%	14.47%	20.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE BEFORE DISABLED RETIREMENT
MEN AND WOMEN**

TABLE 13C

10-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	1	\$ 41,758	\$ 1,633	\$ 8,352	20%	3.91%	20.00%
4	3	126,829	20,670	25,366	81%	16.30%	20.00%
5	1	53,869	5,286	10,774	49%	9.81%	20.00%
6	0	-	-	-			20.00%
7	2	102,600	23,301	20,520	114%	22.71%	20.00%
8	1	73,744	-	14,749			20.00%
9	0	-	-	-			20.00%
10	3	164,682	31,041	32,936	94%	18.85%	20.00%
11	1	28,350	-	5,670			20.00%
12	0	-	-	-			20.00%
13	2	97,393	35,737	19,479	183%	36.69%	20.00%
14	2	103,238	18,636	20,648	90%	18.05%	20.00%
15	1	48,198	1,015	9,640	11%	2.11%	20.00%
16	2	104,482	3,981	20,896	19%	3.81%	20.00%
17	1	49,840	-	9,968			20.00%
18	2	116,194	22,062	23,239	95%	18.99%	20.00%
19	2	113,532	24,184	22,706	107%	21.30%	20.00%
20	3	212,344	7,302	42,469	17%	3.44%	20.00%
21	1	62,882	4,150	12,576	33%	6.60%	20.00%
22	2	114,253	38,636	22,851	169%	33.82%	20.00%
23	0	-	-	-			20.00%
24	1	77,681	15,039	15,536	97%	19.36%	20.00%
25	0	-	-	-			20.00%
26	1	61,012	8,868	12,202	73%	14.53%	20.00%
27	0	-	-	-			20.00%
28	1	54,683	-	10,937			20.00%
29	0	-	-	-			20.00%
30	0	-	-	-			20.00%
31	0	-	-	-			20.00%
32	0	-	-	-			20.00%
33	0	-	-	-			20.00%
34	0	-	-	-			20.00%
35	0	-	-	-			20.00%
36	0	-	-	-			20.00%
37	0	-	-	-			20.00%
38	0	-	-	-			20.00%
39	0	-	-	-			20.00%
40	0	-	-	-			20.00%
41	0	-	-	-			20.00%
42	0	-	-	-			20.00%
43	0	-	-	-			20.00%
44	0	-	-	-			20.00%
45	0	-	-	-			20.00%
Total	33	1,807,562	261,541	361,512	72%	14.47%	20.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA
OVERTIME PAY EXPERIENCE FOR ALL YEARS
MEN AND WOMEN

Plan Year Ending June 30, (1)	Life Years Exposed (2)	TABLE 13D			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	1,444	\$ 73,055,008	\$ 19,386,490	\$ 14,611,002	133%	26.54%	20.00%
2005	1,562	80,686,018	18,347,217	16,137,204	114%	22.74%	20.00%
2006	1,590	85,483,912	17,640,300	17,096,782	103%	20.64%	20.00%
2007	1,588	87,673,054	18,924,300	17,534,611	108%	21.59%	20.00%
2008	1,586	92,862,979	20,268,015	18,572,596	109%	21.83%	20.00%
2009	1,632	96,195,547	21,175,406	19,239,109	110%	22.01%	20.00%
2010	1,596	99,314,640	22,208,889	19,862,928	112%	22.36%	20.00%
2011	1,544	95,969,515	21,097,417	19,193,903	110%	21.98%	20.00%
2012	1,487	99,194,586	14,258,327	19,838,917	72%	14.37%	20.00%
2013	1,399	93,663,900	14,768,734	18,732,780	79%	15.77%	20.00%
Total	15,428	904,099,158	188,075,095	180,819,832	104%	20.80%	20.00%