

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	96%	279	98%	101%	284	
1B	Women	113%	1	88%	93%	1	
1C	Men & Women	96%	280	98%	101%	285	
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	92%	68	93%	75%	68	
2B	Women	150%	0	181%	105%	0	
2C	Men & Women	92%	69	94%	75%	68	
2D	By Year						
	Active Member Withdrawals						The current assumption is reasonable. No change is recommended.
3A	Men	94%	44	112%	112%	56	
3B	Women	128%	2	116%	116%	2	
3C	Men & Women	95%	45	113%	113%	57	
3D	By Year						
	Active Member Service Retirements						Experience has been consistently lower than expected. In certain places, the current assumption should be lowered to match experience.
	In 1st Year of Eligibility						
4A	Total	48%	67	49%	58%	92	
4B	Elected	74%	48	49%	54%	71	
4C	Mandated	25%	19	50%	80%	21	
	In 2nd Year of Eligibility						
5A	Total	97%	48	120%	120%	63	
5B	Elected	108%	42	114%	114%	51	
5C	Mandated	58%	6	156%	156%	12	
	After 2nd Year of Eligibility						
6A	Total	63%	125	79%	94%	131	
6B	Elected	71%	119	76%	96%	105	
6C	Mandated	19%	6	90%	90%	26	
6D	By Year						
	Reduced Service Retirements						Due to limited experience, we recommend using the NYCERS General group's reduced retirement proposed assumption.
7A	Total	93%	1	72%	72%	1	
7B	By Year						

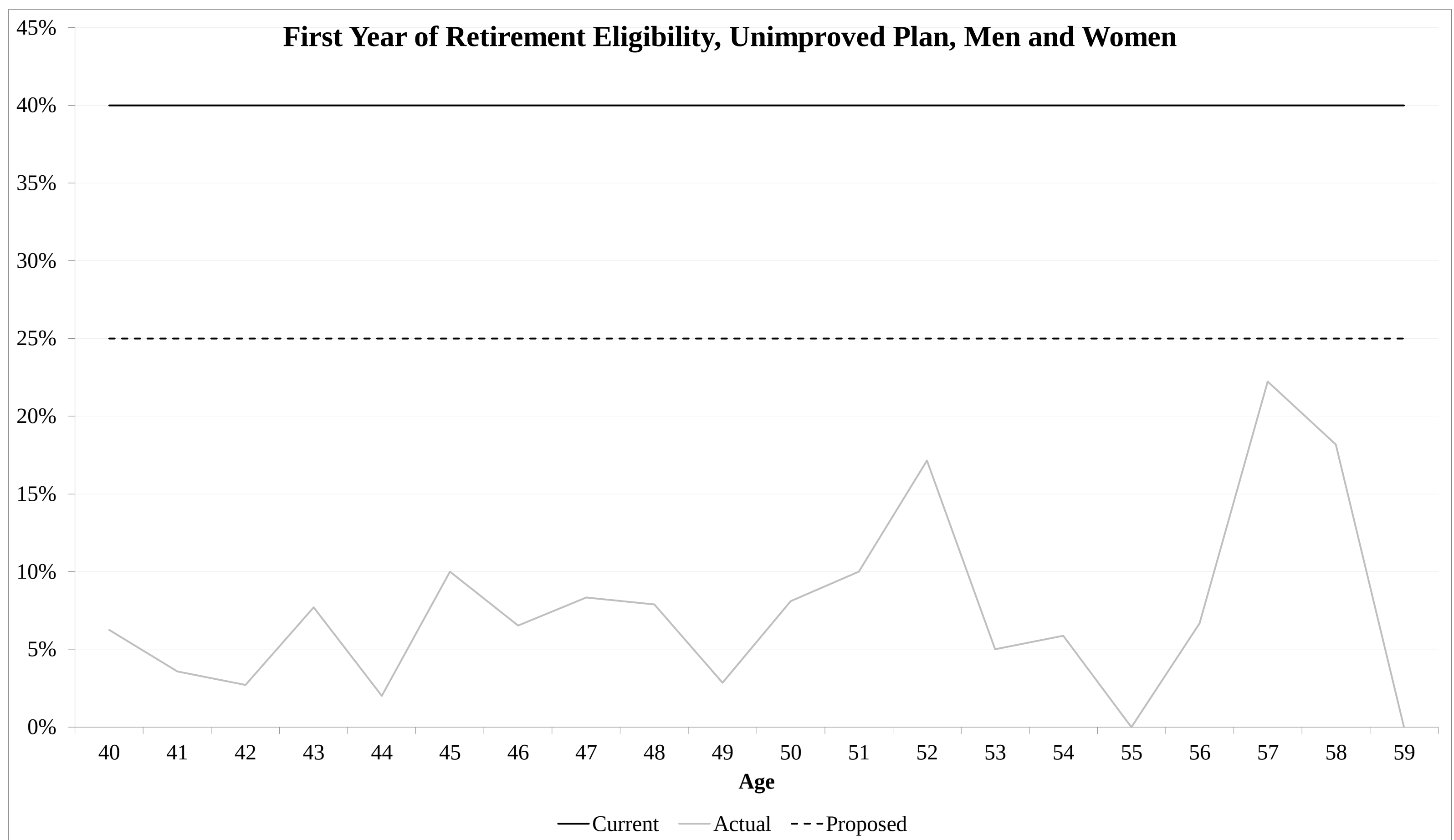
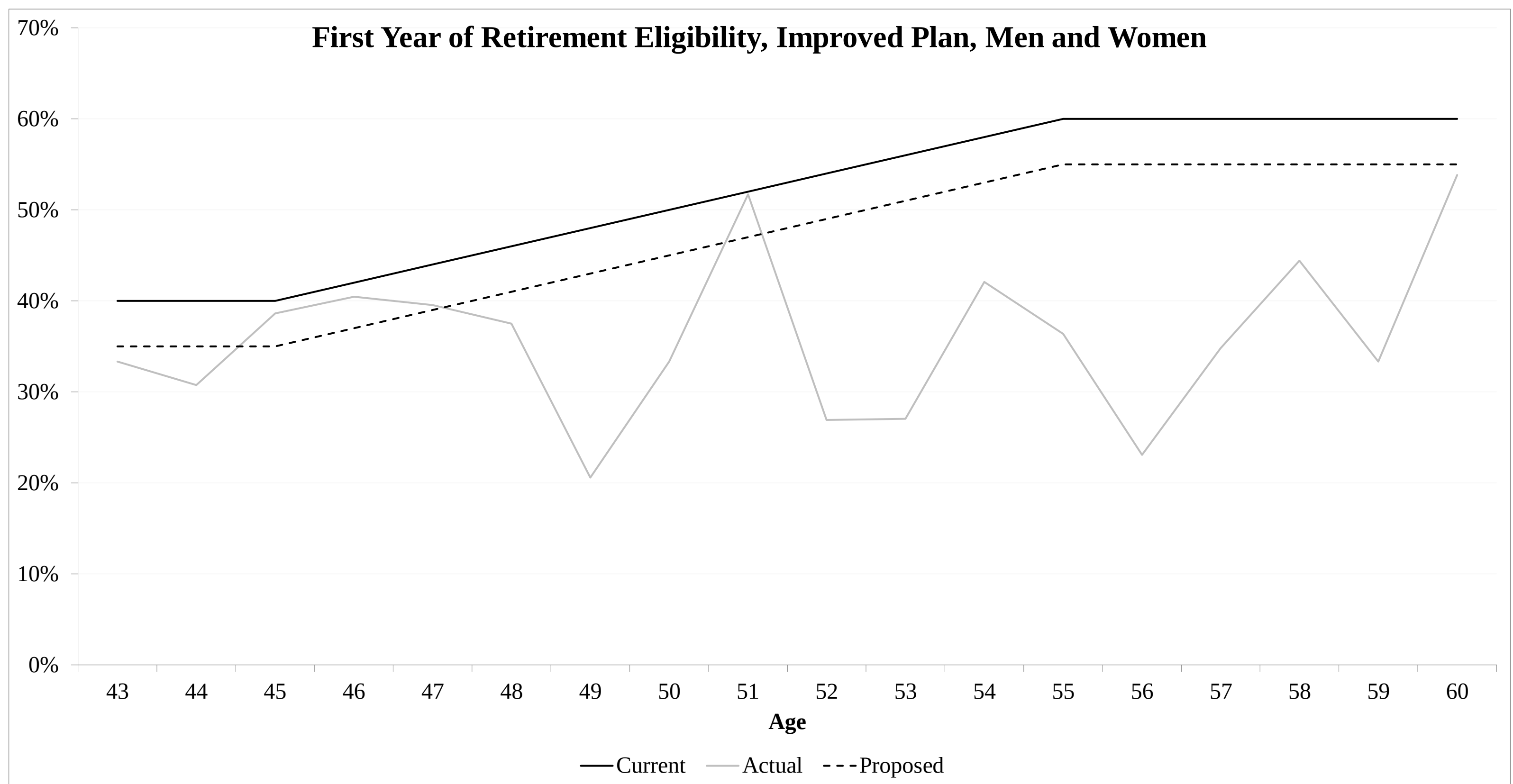
NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
EXPERIENCE STUDY RESULTS
OVERVIEW

		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						Minor Assumption. Experience has been trending below current assumption.
8B	Men	69%	7	115%	115%	11	
8C	Women	0%	0	131%	131%	0	
8D	Men & Women	68%	7	115%	115%	11	
9A	By Year						Minor Assumption. The current assumption is reasonable.
9B	Active Member Accidental Mortality	71%	1	82%	82%	1	
10A	By Year						Minor Assumption. The proposed assumption is 75% of the current assumption.
10B	Active Member Ordinary Disability						
10C	Men	61%	14	63%	84%	15	
10D	Women	120%	1	132%	176%	1	
11A	Men & Women	62%	14	64%	86%	15	The proposed assumption is based on an exponential fit of actual data for Men and is 120% of the current assumption for Women.
11B	By Year						
11C	Active Member Accidental Disability						
11D	Men	138%	38	136%	120%	38	
12A	Women	138%	1	111%	93%	1	General increases and merit are slightly lower than expected.
12B	Men & Women	138%	39	135%	119%	39	
12C	By Year						
12D	Salary Increases**	Expected	Actual	Expected	Proposed	Actual	
13A	Total	7.70%	5.17%	7.70%	7.86%	6.96%	Experience has been close to the Expected assumption. Members are working less overtime before becoming disabled.
13B	Merit Only	4.20%	3.44%	4.20%	3.86%	3.46%	
13C	General Increase over Inflation	1.00%	-1.09%	1.00%	1.50%	1.60%	
13D	By Year						
14A	Overtime Pay**	Expected	Actual	Expected	Proposed	Actual	
14B	For All Years	12.00%	12.16%	12.00%	12.00%	12.45%	
14C	In Year Before Service Retirement	12.00%	11.63%	12.00%	12.00%	13.55%	
14D	In Year Before Disability Retirement	12.00%	4.41%	12.00%	12.00%	4.80%	
14E	By Year						

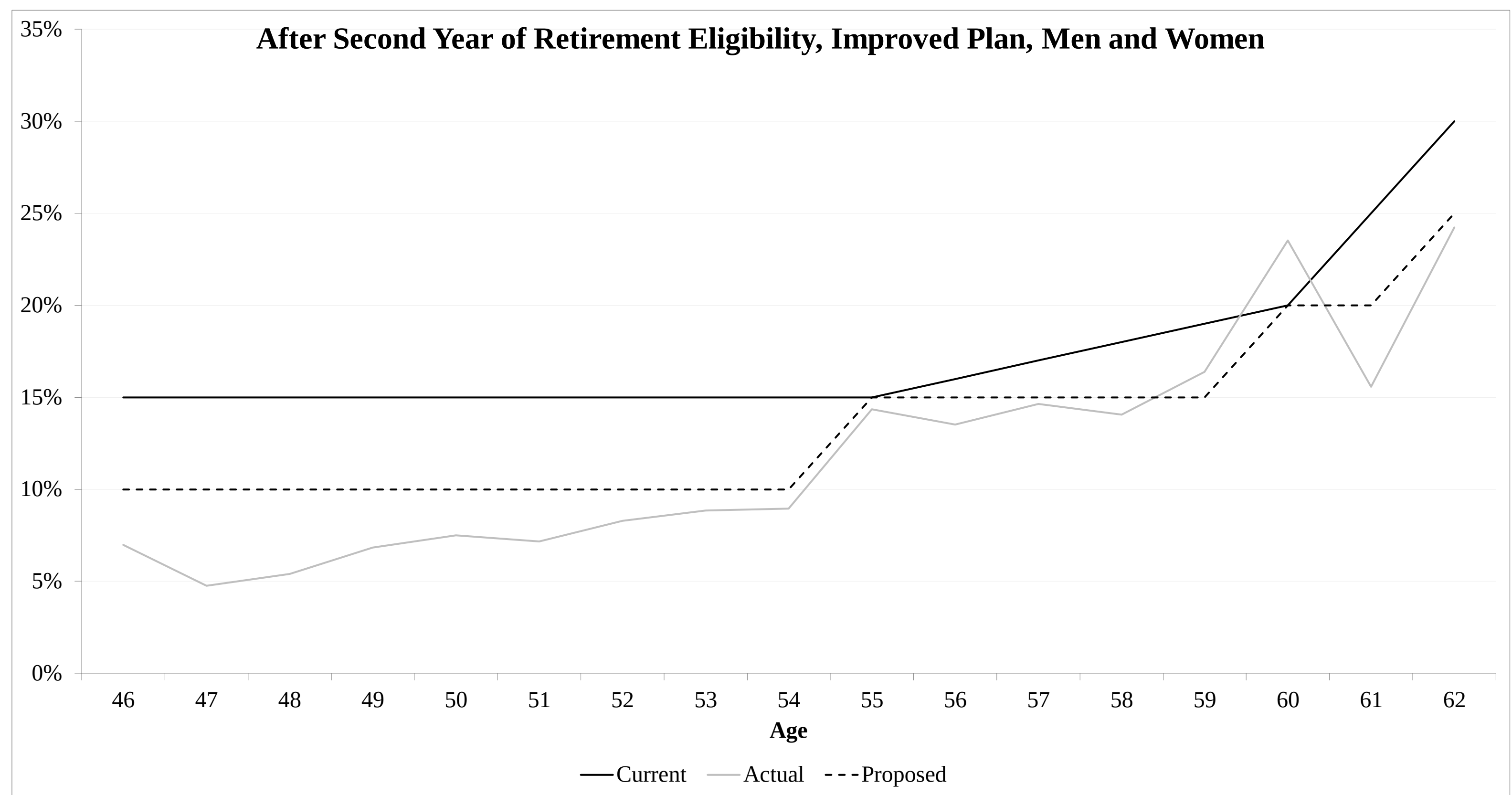
* Four-year and eight-year periods ending 6/30/2011 were studied for the Withdrawal and Disability Decrements.

** 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 - SANITATION
RETIREMENT ASSUMPTIONS AND EXPERIENCE
FOR THE FOUR-YEAR PERIOD ENDING 6/30/2013**



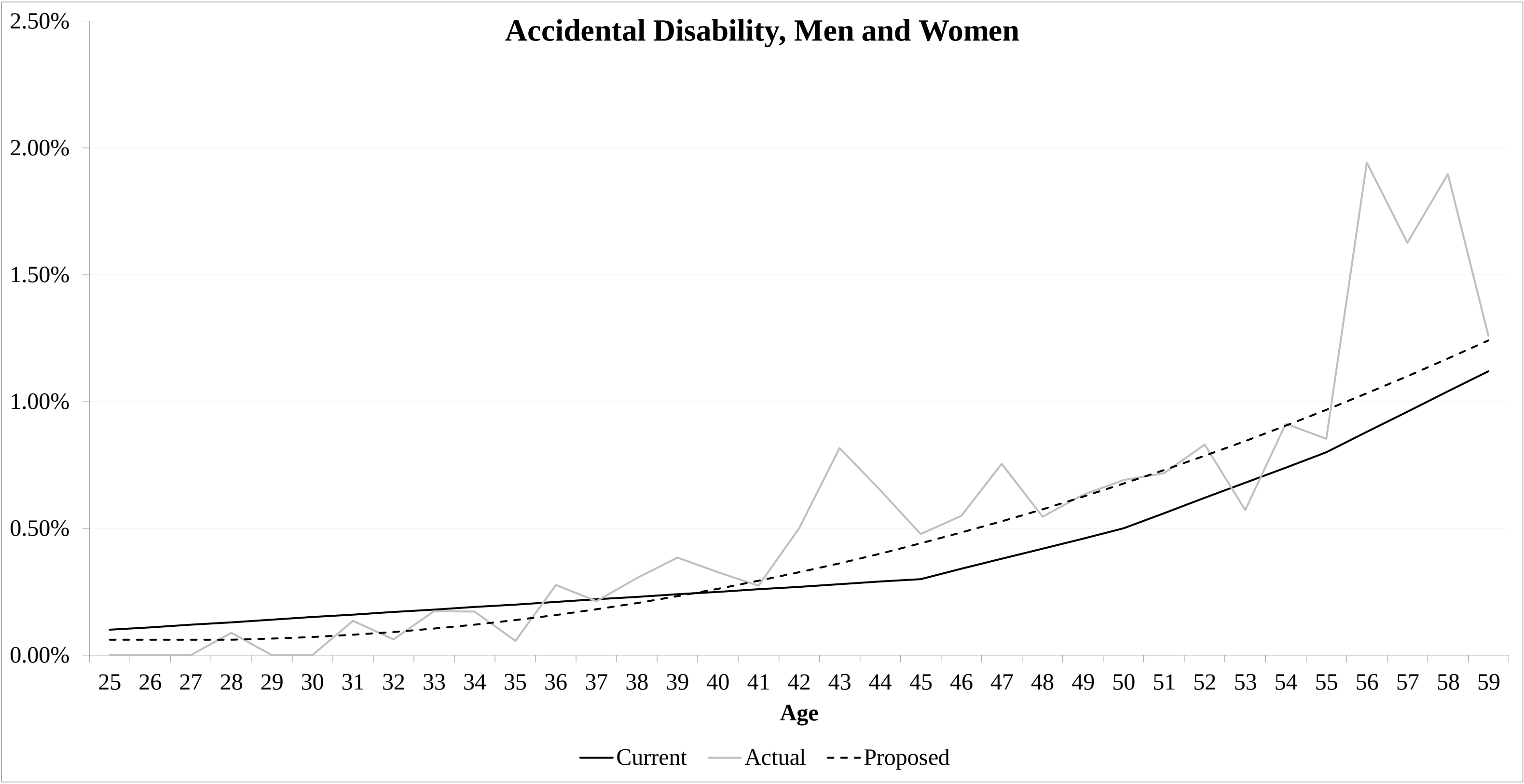
**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
RETIREMENT ASSUMPTIONS AND EXPERIENCE
FOR THE FOUR-YEAR PERIOD ENDING 6/30/2013**



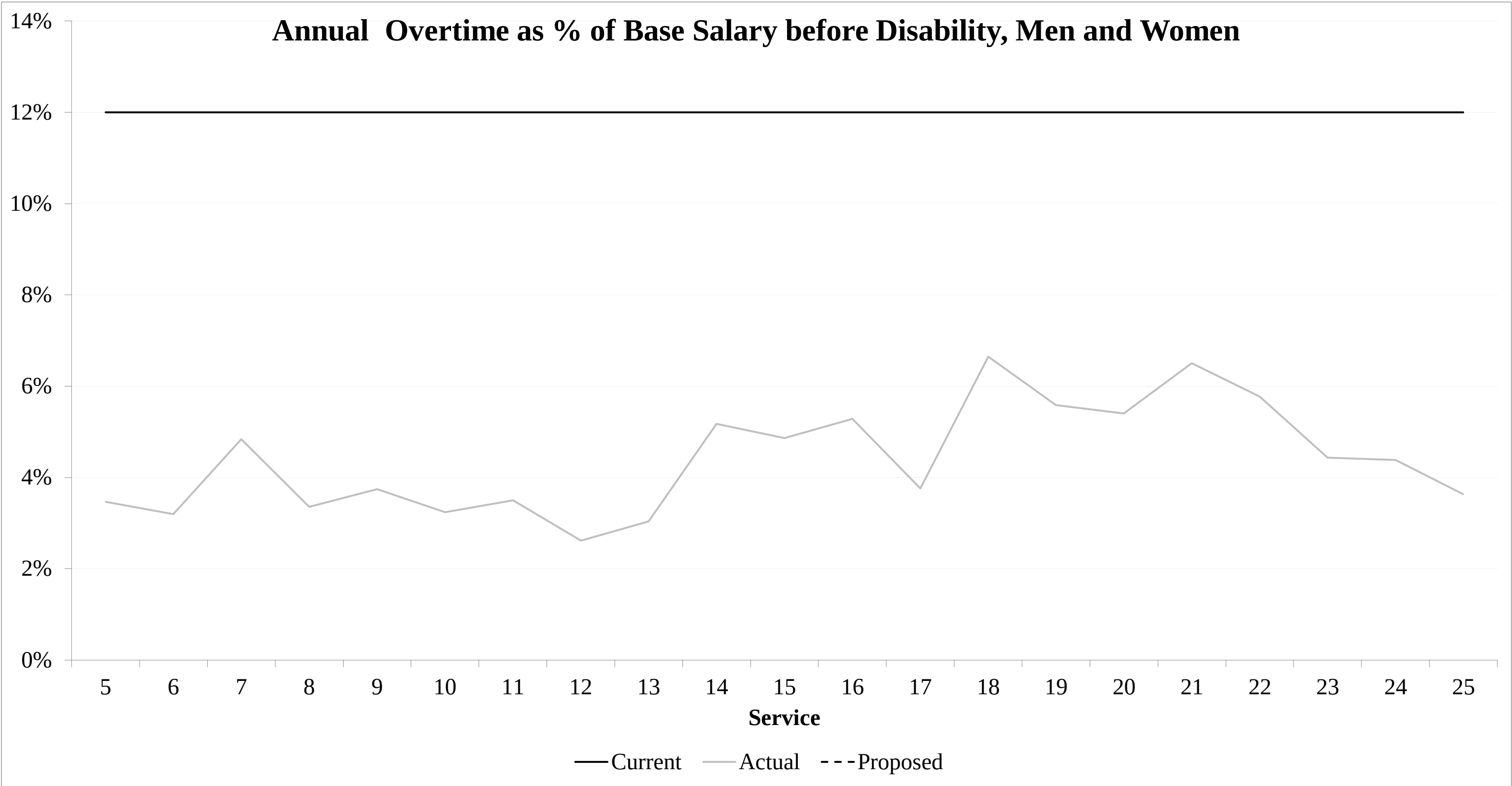
NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
ORDINARY DISABILITY ASSUMPTIONS AND EXPERIENCE
FOR THE EIGHT-YEAR PERIOD ENDING 6/30/2011



NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
ACCIDENTAL DISABILITY ASSUMPTIONS AND EXPERIENCE
FOR THE EIGHT-YEAR PERIOD ENDING 6/30/2011



NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
OVERTIME ASSUMPTIONS AND EXPERIENCE
FOR THE TEN-YEAR PERIOD ENDING 6/30/2013



NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	0.000000	0.1597%	0.1800%	0.0	0.0	0%	0%
42	0	4	0.000000	0.2033%	0.1964%	0.0	0.0	0%	0%
43	0	24	0.000000	0.2442%	0.2140%	0.1	0.1	0%	0%
44	0	44	0.000000	0.2825%	0.2329%	0.1	0.1	0%	0%
45	0	92	0.000000	0.3161%	0.2524%	0.3	0.2	0%	0%
46	0	143	0.000000	0.3459%	0.2739%	0.5	0.4	0%	0%
47	1	178	0.005618	0.3705%	0.2959%	0.7	0.5	152%	190%
48	0	211	0.000000	0.3934%	0.3196%	0.8	0.7	0%	0%
49	0	189	0.000000	0.4135%	0.3449%	0.8	0.7	0%	0%
50	0	187	0.000000	0.4296%	0.3713%	0.8	0.7	0%	0%
51	0	209	0.000000	0.4843%	0.3987%	1.0	0.8	0%	0%
52	1	225	0.004444	0.5405%	0.4288%	1.2	1.0	82%	104%
53	3	323	0.009288	0.6068%	0.4646%	2.0	1.5	153%	200%
54	1	546	0.001832	0.6758%	0.5043%	3.7	2.8	27%	36%
55	6	797	0.007528	0.7537%	0.5490%	6.0	4.4	100%	137%
56	6	1,017	0.005900	0.8113%	0.5976%	8.3	6.1	73%	99%
57	9	1,116	0.008065	0.8694%	0.6521%	9.7	7.3	93%	124%
58	14	1,095	0.012785	0.9289%	0.7134%	10.2	7.8	138%	179%
59	11	1,010	0.010891	0.9817%	0.7821%	9.9	7.9	111%	139%
60	9	991	0.009082	1.0358%	0.8601%	10.3	8.5	88%	106%
61	10	1,013	0.009872	1.1522%	0.9451%	11.7	9.6	86%	104%
62	6	1,207	0.004971	1.2578%	1.0388%	15.2	12.5	40%	48%
63	13	1,368	0.009503	1.3716%	1.1418%	18.8	15.6	69%	83%
64	25	1,409	0.017743	1.4721%	1.2550%	20.7	17.7	121%	141%
65	16	1,408	0.011364	1.5697%	1.3793%	22.1	19.4	72%	82%
66	13	1,308	0.009939	1.7133%	1.5160%	22.4	19.8	58%	66%
67	25	1,199	0.020851	1.8443%	1.6665%	22.1	20.0	113%	125%
68	18	1,144	0.015734	1.9593%	1.8316%	22.4	21.0	80%	86%
69	25	1,091	0.022915	2.0890%	2.0131%	22.8	22.0	110%	114%
70	12	938	0.012793	2.1996%	2.2112%	20.6	20.7	58%	58%
71	16	823	0.019441	2.3971%	2.4308%	19.7	20.0	81%	80%
72	20	741	0.026991	2.5983%	2.6715%	19.3	19.8	104%	101%
73	15	638	0.023511	2.8033%	2.9359%	17.9	18.7	84%	80%
74	15	583	0.025729	3.0138%	3.2281%	17.6	18.8	85%	80%
75	16	546	0.029304	3.2537%	3.5478%	17.8	19.4	90%	83%
76	16	527	0.030361	3.7509%	3.8993%	19.8	20.5	81%	78%
77	31	540	0.057407	4.2954%	4.2879%	23.2	23.2	134%	134%
78	26	543	0.047882	4.8575%	4.7128%	26.4	25.6	99%	102%
79	35	559	0.062612	5.4395%	5.1798%	30.4	29.0	115%	121%
80	47	595	0.078992	6.0416%	5.6931%	35.9	33.9	131%	139%
81	37	616	0.060065	6.6940%	6.2545%	41.2	38.5	90%	96%
82	46	677	0.067947	7.3567%	6.8718%	49.8	46.5	92%	99%
83	58	706	0.082153	7.9681%	7.5530%	56.3	53.3	103%	109%
84	53	672	0.078869	8.6484%	8.3011%	58.1	55.8	91%	95%
85	59	617	0.095624	9.2680%	9.1270%	57.2	56.3	103%	105%
86	48	526	0.091255	10.4648%	10.0358%	55.0	52.8	87%	91%
87	50	453	0.110375	11.7953%	11.0303%	53.4	50.0	94%	100%
88	47	379	0.124011	13.1900%	12.1233%	50.0	45.9	94%	102%
89	43	327	0.131498	14.5331%	13.3246%	47.5	43.6	90%	99%
90	55	265	0.207547	16.0483%	14.6450%	42.5	38.8	129%	142%
91	36	207	0.173913	17.8244%	16.0962%	36.9	33.3	98%	108%
92	31	173	0.179191	19.7255%	17.6912%	34.1	30.6	91%	101%
93	31	138	0.224638	21.4199%	19.4065%	29.6	26.8	105%	116%
94	20	92	0.217391	23.1421%	21.3088%	21.3	19.6	94%	102%
95	22	57	0.385965	25.2240%	23.3784%	14.4	13.3	153%	165%
96	8	32	0.250000	26.7968%	25.3843%	8.6	8.1	93%	98%
97	4	20	0.200000	27.6367%	26.8552%	5.5	5.4	72%	74%
98	5	15	0.333333	28.8832%	28.9599%	4.3	4.3	115%	115%
99	2	12	0.166667	31.0801%	32.7473%	3.7	3.9	54%	51%
Subtotal	1,116	32,566				1,162.5	1,085.5	96%	103%
100 or more	4	9	0.444444	37.1685%	45.5092%	3.3	4.1	120%	98%
Total	1,120	32,575				1,165.8	1,089.6	96%	103%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	73	0.000000	0.2639%	0.2240%	0.2	0.2	0%	0%
45-49	1	813	0.001230	0.3759%	0.3047%	3.1	2.5	33%	40%
50-54	5	1,490	0.003356	0.5826%	0.4528%	8.7	6.7	58%	74%
55-59	46	5,035	0.009136	0.8748%	0.6642%	44.0	33.4	104%	138%
60-64	63	5,988	0.010521	1.2796%	1.0678%	76.6	63.9	82%	99%
65-69	97	6,150	0.015772	1.8184%	1.6609%	111.8	102.1	87%	95%
70-74	78	3,723	0.020951	2.5536%	2.6348%	95.1	98.1	82%	80%
75-79	124	2,715	0.045672	4.3282%	4.3322%	117.5	117.6	106%	105%
80-84	241	3,266	0.073791	7.3901%	6.9820%	241.4	228.0	100%	106%
85-89	247	2,302	0.107298	11.4324%	10.7988%	263.2	248.6	94%	99%
90-94	173	875	0.197714	18.7886%	17.0422%	164.4	149.1	105%	116%
95-99	41	136	0.301471	26.8692%	25.8039%	36.5	35.1	112%	117%
100+	4	9	0.444444	37.1685%	45.5092%	3.3	4.1	120%	98%
Total	1,120	32,575				1,165.8	1,089.6	96%	103%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	7	0.000000	0.1641%	0.1954%	0.0	0.0	0%	0%
42	0	17	0.000000	0.2095%	0.2139%	0.0	0.0	0%	0%
43	0	48	0.000000	0.2493%	0.2324%	0.1	0.1	0%	0%
44	0	77	0.000000	0.2907%	0.2531%	0.2	0.2	0%	0%
45	0	122	0.000000	0.3293%	0.2747%	0.4	0.3	0%	0%
46	0	187	0.000000	0.3612%	0.2968%	0.7	0.6	0%	0%
47	1	273	0.003663	0.3886%	0.3193%	1.1	0.9	94%	115%
48	3	402	0.007463	0.4139%	0.3429%	1.7	1.4	180%	218%
49	1	537	0.001862	0.4361%	0.3674%	2.3	2.0	43%	51%
50	4	727	0.005502	0.4542%	0.3924%	3.3	2.9	121%	140%
51	9	956	0.009414	0.5156%	0.4190%	4.9	4.0	183%	225%
52	6	1,195	0.005021	0.5788%	0.4474%	6.9	5.3	87%	112%
53	8	1,421	0.005630	0.6479%	0.4793%	9.2	6.8	87%	117%
54	6	1,684	0.003563	0.7199%	0.5154%	12.1	8.7	49%	69%
55	15	1,968	0.007622	0.7987%	0.5568%	15.7	11.0	95%	137%
56	19	2,404	0.007903	0.8574%	0.6042%	20.6	14.5	92%	131%
57	24	2,706	0.008869	0.9161%	0.6592%	24.8	17.8	97%	135%
58	27	2,782	0.009705	0.9760%	0.7229%	27.2	20.1	99%	134%
59	23	2,783	0.008264	1.0315%	0.7964%	28.7	22.2	80%	104%
60	22	2,897	0.007594	1.0871%	0.8807%	31.5	25.5	70%	86%
61	28	3,005	0.009318	1.2060%	0.9755%	36.2	29.3	77%	96%
62	25	3,038	0.008229	1.3164%	1.0809%	40.0	32.8	63%	76%
63	25	3,083	0.008109	1.4310%	1.1971%	44.1	36.9	57%	68%
64	48	3,040	0.015789	1.5358%	1.3245%	46.7	40.3	103%	119%
65	29	2,915	0.009949	1.6376%	1.4640%	47.7	42.7	61%	68%
66	44	2,663	0.016523	1.7820%	1.6166%	47.5	43.1	93%	102%
67	44	2,382	0.018472	1.9179%	1.7839%	45.7	42.5	96%	104%
68	45	2,228	0.020197	2.0437%	1.9666%	45.5	43.8	99%	103%
69	39	2,070	0.018841	2.1789%	2.1674%	45.1	44.9	86%	87%
70	29	1,891	0.015336	2.3021%	2.3871%	43.5	45.1	67%	64%
71	43	1,765	0.024363	2.5086%	2.6291%	44.3	46.4	97%	93%
72	43	1,688	0.025474	2.7193%	2.8943%	45.9	48.9	94%	88%
73	33	1,638	0.020147	2.9345%	3.1858%	48.1	52.2	69%	63%
74	43	1,661	0.025888	3.1542%	3.5053%	52.4	58.2	82%	74%
75	66	1,704	0.038732	3.3948%	3.8537%	57.8	65.7	114%	101%
76	71	1,799	0.039466	3.9131%	4.2358%	70.4	76.2	101%	93%
77	78	1,900	0.041053	4.4661%	4.6549%	84.9	88.4	92%	88%
78	105	1,952	0.053791	5.0352%	5.1120%	98.3	99.8	107%	105%
79	119	1,970	0.060406	5.6213%	5.6128%	110.7	110.6	107%	108%
80	138	1,953	0.070661	6.2245%	6.1620%	121.6	120.3	114%	115%
81	142	1,895	0.074934	6.8793%	6.7636%	130.4	128.2	109%	111%
82	143	1,814	0.078831	7.5401%	7.4230%	136.8	134.7	105%	106%
83	145	1,723	0.084156	8.1649%	8.1455%	140.7	140.3	103%	103%
84	141	1,585	0.088959	8.8336%	8.9380%	140.0	141.7	101%	100%
85	146	1,438	0.101530	9.4642%	9.8108%	136.1	141.1	107%	103%
86	119	1,238	0.096123	10.6834%	10.7678%	132.3	133.3	90%	89%
87	141	1,068	0.132022	11.9964%	11.8058%	128.1	126.1	110%	112%
88	117	868	0.134793	13.3744%	12.9508%	116.1	112.4	101%	104%
89	106	702	0.150997	14.7324%	14.1981%	103.4	99.7	102%	106%
90	94	551	0.170599	16.2123%	15.5588%	89.3	85.7	105%	110%
91	73	414	0.176329	17.9685%	17.0086%	74.4	70.4	98%	104%
92	61	315	0.193651	19.7913%	18.5897%	62.3	58.6	98%	104%
93	56	233	0.240343	21.5115%	20.3241%	50.1	47.4	112%	118%
94	35	154	0.227273	23.2186%	22.2020%	35.8	34.2	98%	102%
95	29	97	0.298969	25.1403%	24.1756%	24.4	23.5	119%	124%
96	11	60	0.183333	26.7323%	26.2371%	16.0	15.7	69%	70%
97	12	44	0.272727	28.3684%	28.6603%	12.5	12.6	96%	95%
98	9	29	0.310345	29.9933%	31.2165%	8.7	9.1	103%	99%
99	5	19	0.263158	31.7359%	34.5332%	6.0	6.6	83%	76%
Subtotal	2,848	81,785				2,911.3	2,833.4	98%	101%
100 or more	7	13	0.538462	37.1685%	47.0399%	4.8	6.1	145%	114%
Total	2,855	81,798				2,916.1	2,839.5	98%	101%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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)
				(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	149	0.000000	0.2621%	0.2392%	0.4	0.4	0%	0%
45-49	5	1,521	0.003287	0.4039%	0.3362%	6.1	5.1	81%	98%
50-54	33	5,983	0.005516	0.6097%	0.4629%	36.5	27.7	90%	119%
55-59	108	12,643	0.008542	0.9252%	0.6770%	117.0	85.6	92%	126%
60-64	148	15,063	0.009825	1.3180%	1.0943%	198.5	164.8	75%	90%
65-69	201	12,258	0.016397	1.8887%	1.7695%	231.5	216.9	87%	93%
70-74	191	8,643	0.022099	2.7094%	2.9018%	234.2	250.8	82%	76%
75-79	439	9,325	0.047078	4.5268%	4.7257%	422.1	440.7	104%	100%
80-84	709	8,970	0.079041	7.4626%	7.4156%	669.4	665.2	106%	107%
85-89	629	5,314	0.118367	11.5918%	11.5271%	616.0	612.6	102%	103%
90-94	319	1,667	0.191362	18.7127%	17.7713%	311.9	296.2	102%	108%
95-99	66	249	0.265060	27.1628%	27.0752%	67.6	67.4	98%	98%
100+	7	13	0.538462	37.1685%	47.0399%	4.8	6.1	145%	114%
Total	2,855	81,798				2,916.1	2,839.5	98%	101%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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)
2004	7,978	297	229.4	129%	3.7227%	2.8750%
2005	8,141	283	235.9	120%	3.4762%	2.8974%
2006	8,175	268	242.7	110%	3.2783%	2.9690%
2007	8,306	299	249.0	120%	3.5998%	2.9981%
2008	8,311	267	252.2	106%	3.2126%	3.0344%
2009	8,315	321	257.1	125%	3.8605%	3.0922%
2010	8,130	276	256.4	108%	3.3948%	3.1536%
2011	8,156	284	258.7	110%	3.4821%	3.1717%
2012	8,168	277	259.9	107%	3.3913%	3.1821%
2013	8,122	283	260.4	109%	3.4844%	3.2056%
Total	81,802	2,855	2,501.6	114%	3.4901%	3.0581%

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

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	27	0.000000	0.9051%	0.4461%	0.2	0.1	0%	0%
42	1	27	0.037037	0.9249%	0.5537%	0.2	0.1	400%	669%
43	0	36	0.000000	0.9476%	0.6941%	0.3	0.2	0%	0%
44	1	53	0.018868	0.9702%	0.8257%	0.5	0.4	194%	229%
45	1	60	0.016667	0.9937%	0.9497%	0.6	0.6	168%	175%
46	0	76	0.000000	1.0178%	1.0722%	0.8	0.8	0%	0%
47	1	84	0.011905	1.0428%	1.1970%	0.9	1.0	114%	99%
48	0	92	0.000000	1.0680%	1.3125%	1.0	1.2	0%	0%
49	0	90	0.000000	1.0935%	1.4237%	1.0	1.3	0%	0%
50	0	92	0.000000	1.1192%	1.5272%	1.0	1.4	0%	0%
51	3	89	0.033708	1.1454%	1.6325%	1.0	1.5	294%	206%
52	0	76	0.000000	1.1756%	1.7189%	0.9	1.3	0%	0%
53	2	94	0.021277	1.1910%	1.7979%	1.1	1.7	179%	118%
54	2	115	0.017391	1.2067%	1.8801%	1.4	2.2	144%	93%
55	1	142	0.007042	1.2055%	1.9766%	1.7	2.8	58%	36%
56	5	193	0.025907	1.2788%	2.0629%	2.5	4.0	203%	126%
57	4	229	0.017467	1.3557%	2.1504%	3.1	4.9	129%	81%
58	3	240	0.012500	1.4363%	2.2426%	3.4	5.4	87%	56%
59	7	272	0.025735	1.5111%	2.3327%	4.1	6.3	170%	110%
60	4	281	0.014235	1.5885%	2.4235%	4.5	6.8	90%	59%
61	10	333	0.030030	1.7007%	2.5175%	5.7	8.4	177%	119%
62	10	421	0.023753	1.8065%	2.6107%	7.6	11.0	131%	91%
63	9	472	0.019068	1.9366%	2.7390%	9.1	12.9	98%	70%
64	7	490	0.014286	2.0570%	2.8689%	10.1	14.1	69%	50%
65	7	484	0.014463	2.1885%	2.9977%	10.6	14.5	66%	48%
66	9	433	0.020785	2.3479%	3.1270%	10.2	13.5	89%	66%
67	9	423	0.021277	2.5016%	3.2564%	10.6	13.8	85%	65%
68	12	384	0.031250	2.6489%	3.4680%	10.2	13.3	118%	90%
69	7	345	0.020290	2.8297%	3.6800%	9.8	12.7	72%	55%
70	4	297	0.013468	3.0026%	3.8920%	8.9	11.6	45%	35%
71	5	232	0.021552	3.2490%	4.1033%	7.5	9.5	66%	53%
72	3	214	0.014019	3.5232%	4.3149%	7.5	9.2	40%	32%
73	4	189	0.021164	3.8247%	4.6675%	7.2	8.8	55%	45%
74	11	182	0.060440	4.1569%	5.0202%	7.6	9.1	145%	120%
75	8	156	0.051282	4.5661%	5.3761%	7.1	8.4	112%	95%
76	5	126	0.039683	4.9925%	5.7294%	6.3	7.2	79%	69%
77	7	140	0.050000	5.5053%	6.0828%	7.7	8.5	91%	82%
78	8	135	0.059259	6.0715%	6.6494%	8.2	9.0	98%	89%
79	10	144	0.069444	6.6961%	7.2161%	9.6	10.4	104%	96%
80	9	148	0.060811	7.3842%	7.7827%	10.9	11.5	82%	78%
81	6	123	0.048780	8.1856%	8.3493%	10.1	10.3	60%	58%
82	4	111	0.036036	8.9993%	8.9159%	10.0	9.9	40%	40%
83	14	108	0.129630	9.7467%	9.7808%	10.5	10.6	133%	133%
84	8	98	0.081633	10.5790%	10.6456%	10.4	10.4	77%	77%
85	10	83	0.120482	11.3324%	11.5105%	9.4	9.6	106%	105%
86	9	67	0.134328	12.5123%	12.3753%	8.4	8.3	107%	109%
87	9	50	0.180000	13.8029%	13.2402%	6.9	6.6	130%	136%
88	4	39	0.102564	15.1136%	14.5013%	5.9	5.7	68%	71%
89	7	36	0.194444	16.3127%	15.7625%	5.9	5.7	119%	123%
90	3	31	0.096774	17.6532%	17.0236%	5.5	5.3	55%	57%
91	4	23	0.173913	19.7349%	18.2847%	4.5	4.2	88%	95%
92	4	15	0.266667	21.9020%	19.5459%	3.3	2.9	122%	136%
93	1	9	0.111111	23.8022%	21.3144%	2.1	1.9	47%	52%
94	0	4	0.000000	25.6258%	23.0829%	1.0	0.9	0%	0%
95	2	3	0.666667	27.6230%	24.8515%	0.8	0.7	241%	268%
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	274	8,916				297.5	354.5	92%	77%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	274	8,916				297.5	354.5	92%	77%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	143	0.013986	0.9436%	0.6695%	1.3	1.0	148%	209%
45-49	2	402	0.004975	1.0478%	1.2137%	4.2	4.9	47%	41%
50-54	7	466	0.015021	1.1695%	1.7203%	5.4	8.0	128%	87%
55-59	20	1,076	0.018587	1.3793%	2.1784%	14.8	23.4	135%	85%
60-64	40	1,997	0.020030	1.8504%	2.6625%	37.0	53.2	108%	75%
65-69	44	2,069	0.021266	2.4782%	3.2787%	51.3	67.8	86%	65%
70-74	27	1,114	0.024237	3.4820%	4.3331%	38.8	48.3	70%	56%
75-79	38	701	0.054208	5.5578%	6.2039%	39.0	43.5	98%	87%
80-84	41	588	0.069728	8.8231%	8.9593%	51.9	52.7	79%	78%
85-89	39	275	0.141818	13.2573%	13.0165%	36.5	35.8	107%	109%
90-94	12	82	0.146341	20.0781%	18.6052%	16.5	15.3	73%	79%
95-99	2	3	0.666667	27.6230%	24.8515%	0.8	0.7	241%	268%
100+	0	0	N/A			0	0	0%	0%
Total	274	8,916				297.5	354.5	92%	77%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	71	0.014085	0.9291%	0.4717%	0.7	0.3	152%	299%
42	1	86	0.011628	0.9538%	0.6092%	0.8	0.5	122%	191%
43	0	101	0.000000	0.9800%	0.7572%	1.0	0.8	0%	0%
44	1	123	0.008130	1.0060%	0.8913%	1.2	1.1	81%	91%
45	1	134	0.007463	1.0336%	1.0252%	1.4	1.4	72%	73%
46	0	144	0.000000	1.0621%	1.1606%	1.5	1.7	0%	0%
47	4	167	0.023952	1.0915%	1.2949%	1.8	2.2	219%	185%
48	0	203	0.000000	1.1212%	1.3923%	2.3	2.8	0%	0%
49	1	225	0.004444	1.1519%	1.4966%	2.6	3.4	39%	30%
50	0	262	0.000000	1.1833%	1.5927%	3.1	4.2	0%	0%
51	7	307	0.022801	1.2160%	1.6864%	3.7	5.2	188%	135%
52	1	344	0.002907	1.2508%	1.7733%	4.3	6.1	23%	16%
53	5	410	0.012195	1.2658%	1.8460%	5.2	7.6	96%	66%
54	3	448	0.006696	1.2811%	1.9202%	5.7	8.6	52%	35%
55	5	563	0.008881	1.2781%	2.0002%	7.2	11.3	69%	44%
56	8	722	0.011080	1.3522%	2.0810%	9.8	15.0	82%	53%
57	8	842	0.009501	1.4291%	2.1690%	12.0	18.3	66%	44%
58	11	906	0.012141	1.5096%	2.2676%	13.7	20.5	80%	54%
59	17	984	0.017276	1.5867%	2.3717%	15.6	23.3	109%	73%
60	9	1,030	0.008738	1.6667%	2.4820%	17.2	25.6	52%	35%
61	25	1,079	0.023170	1.7806%	2.5969%	19.2	28.0	130%	89%
62	20	1,091	0.018332	1.8918%	2.7148%	20.6	29.6	97%	68%
63	15	1,092	0.013736	2.0205%	2.8711%	22.1	31.4	68%	48%
64	21	1,063	0.019755	2.1470%	3.0269%	22.8	32.2	92%	65%
65	15	988	0.015182	2.2829%	3.1815%	22.6	31.4	67%	48%
66	23	888	0.025901	2.4417%	3.3344%	21.7	29.6	106%	78%
67	23	801	0.028714	2.6015%	3.4862%	20.8	27.9	110%	82%
68	22	728	0.030220	2.7623%	3.7242%	20.1	27.1	109%	81%
69	15	643	0.023328	2.9506%	3.9627%	19.0	25.5	79%	59%
70	12	576	0.020833	3.1404%	4.2003%	18.1	24.2	66%	50%
71	20	523	0.038241	3.4017%	4.4375%	17.8	23.2	112%	86%
72	12	485	0.024742	3.6891%	4.6742%	17.9	22.7	67%	53%
73	19	468	0.040598	4.0057%	5.0634%	18.7	23.7	101%	80%
74	23	448	0.051339	4.3538%	5.4513%	19.5	24.4	118%	94%
75	17	422	0.040284	4.7634%	5.8386%	20.1	24.6	85%	69%
76	27	393	0.068702	5.2082%	6.2236%	20.5	24.5	132%	110%
77	24	387	0.062016	5.7257%	6.6054%	22.2	25.6	108%	94%
78	26	370	0.070270	6.2954%	7.2148%	23.3	26.7	112%	97%
79	25	352	0.071023	6.9221%	7.8215%	24.4	27.5	103%	91%
80	22	335	0.065672	7.6102%	8.4262%	25.5	28.2	86%	78%
81	17	290	0.058621	8.4106%	9.0276%	24.4	26.2	70%	65%
82	18	264	0.068182	9.2188%	9.6264%	24.3	25.4	74%	71%
83	27	237	0.113924	9.9729%	10.5376%	23.6	25.0	114%	108%
84	19	201	0.094527	10.7778%	11.4419%	21.7	23.0	88%	83%
85	19	172	0.110465	11.5430%	12.3502%	19.9	21.2	96%	89%
86	23	143	0.160839	12.7560%	13.2681%	18.2	19.0	126%	121%
87	14	106	0.132075	14.0544%	14.1888%	14.9	15.0	94%	93%
88	13	84	0.154762	15.3426%	15.5101%	12.9	13.0	101%	100%
89	13	66	0.196970	16.5598%	16.8210%	10.9	11.1	119%	117%
90	7	48	0.145833	17.8667%	18.1205%	8.6	8.7	82%	80%
91	6	36	0.166667	19.9737%	19.4074%	7.2	7.0	83%	86%
92	7	24	0.291667	22.1003%	20.6763%	5.3	5.0	132%	141%
93	2	15	0.133333	24.0177%	22.4555%	3.6	3.4	56%	59%
94	2	7	0.285714	25.8578%	24.2273%	1.8	1.7	110%	118%
95	3	4	0.750000	27.7894%	25.9989%	1.1	1.0	270%	288%
96	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
97	1	1	1.000000	30.5355%	29.5550%	0.3	0.3	327%	338%
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	680	22,902				726.4	903.8	94%	75%
100 or more	0	0	N/A	0.0000%	0.0000%	0	0	0%	0%
Total	680	22,902				726.4	903.8	94%	75%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	3	381	0.007874	0.9730%	0.7139%	3.7	2.7	81%	110%
45-49	6	873	0.006873	1.1002%	1.3060%	9.6	11.4	62%	53%
50-54	16	1,771	0.009034	1.2459%	1.7855%	22.1	31.6	73%	51%
55-59	49	4,017	0.012198	1.4509%	2.2014%	58.3	88.4	84%	55%
60-64	90	5,355	0.016807	1.9030%	2.7401%	101.9	146.7	88%	61%
65-69	98	4,048	0.024209	2.5731%	3.4970%	104.2	141.6	94%	69%
70-74	86	2,500	0.034400	3.6810%	4.7276%	92.0	118.2	93%	73%
75-79	119	1,924	0.061850	5.7374%	6.6989%	110.4	128.9	108%	92%
80-84	103	1,327	0.077619	9.0069%	9.6303%	119.5	127.8	86%	81%
85-89	82	571	0.143608	13.4518%	13.9030%	76.8	79.4	107%	103%
90-94	24	130	0.184615	20.3718%	19.7777%	26.5	25.7	91%	93%
95-99	4	5	0.800000	28.3386%	26.7101%	1.4	1.3	282%	300%
100+	0	0	N/A			0	0	0%	0%
Total	680	22,902				726.4	903.8	94%	75%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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)
2004	2,403	75	54.2	138%	3.1211%	2.2545%
2005	2,381	75	55.0	136%	3.1499%	2.3090%
2006	2,344	63	56.2	112%	2.6877%	2.3997%
2007	2,352	74	58.0	128%	3.1463%	2.4647%
2008	2,326	62	58.5	106%	2.6655%	2.5158%
2009	2,320	57	60.4	94%	2.4569%	2.6031%
2010	2,305	68	62.2	109%	2.9501%	2.6988%
2011	2,254	79	63.1	125%	3.5049%	2.8002%
2012	2,231	55	64.4	85%	2.4653%	2.8856%
2013	2,219	73	66.3	110%	3.2898%	2.9857%
Total	23,135	681	598.2	114%	2.9436%	2.5858%

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

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

TABLE 3C

4-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	10	122	0.0820	4.00%	4.00%	4.9	4.9	205%	205%
1	34	1,073	0.0317	2.00%	2.00%	21.5	21.5	158%	158%
2	11	1,778	0.0062	1.00%	1.00%	17.8	17.8	62%	62%
3	23	2,430	0.0095	1.00%	1.00%	24.3	24.3	95%	95%
4	12	2,036	0.0059	1.00%	1.00%	20.4	20.4	59%	59%
5	8	1,553	0.0052	1.00%	1.00%	15.5	15.5	52%	52%
6	10	1,202	0.0083	0.90%	0.90%	10.8	10.8	92%	92%
7	12	1,351	0.0089	0.80%	0.80%	10.8	10.8	111%	111%
8	16	1,662	0.0096	0.70%	0.70%	11.6	11.6	138%	138%
9	6	1,722	0.0035	0.60%	0.60%	10.3	10.3	58%	58%
10	8	1,654	0.0048	0.50%	0.50%	8.3	8.3	97%	97%
11	6	896	0.0067	0.50%	0.50%	4.5	4.5	134%	134%
12	3	791	0.0038	0.50%	0.50%	4.0	4.0	76%	76%
13	3	623	0.0048	0.50%	0.50%	3.1	3.1	96%	96%
14	3	858	0.0035	0.50%	0.50%	4.3	4.3	70%	70%
15	4	808	0.0050	0.50%	0.50%	4.0	4.0	99%	99%
16	2	539	0.0037	0.50%	0.50%	2.7	2.7	74%	74%
17	5	1,027	0.0049	0.50%	0.50%	5.1	5.1	97%	97%
18	4	1,153	0.0035	0.50%	0.50%	5.8	5.8	69%	69%
19	0	32	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
20	0	32	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
21	0	24	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
22	0	19	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
23	0	18	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
24	0	8	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
25	0	6	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
26	0	7	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
27	0	5	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
28	0	6	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
29	1	2	0.5000	0.50%	0.50%	0.0	0.0	10000%	10000%
30	0	0	N/A	0.50%	0.50%	0	0	0%	0%
Total	181	23,437	0.0077			190.4	190.4	95%	95%
31 or more	0	0	N/A	0.50%	0.50%	0	0	0%	0%
Total	181	23,437	0.0077			190.4	190.4	95%	95%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	55	840	0.0655	4.00%	4.00%	33.6	33.6	164%	164%
1	81	3,073	0.0264	2.00%	2.00%	61.5	61.5	132%	132%
2	20	2,761	0.0072	1.00%	1.00%	27.6	27.6	72%	72%
3	37	3,767	0.0098	1.00%	1.00%	37.7	37.7	98%	98%
4	30	3,774	0.0079	1.00%	1.00%	37.7	37.7	79%	79%
5	24	3,394	0.0071	1.00%	1.00%	33.9	33.9	71%	71%
6	30	3,004	0.0100	0.90%	0.90%	27.0	27.0	111%	111%
7	24	2,269	0.0106	0.80%	0.80%	18.2	18.2	132%	132%
8	19	2,472	0.0077	0.70%	0.70%	17.3	17.3	110%	110%
9	17	2,407	0.0071	0.60%	0.60%	14.4	14.4	118%	118%
10	12	2,550	0.0047	0.50%	0.50%	12.8	12.8	94%	94%
11	15	1,786	0.0084	0.50%	0.50%	8.9	8.9	168%	168%
12	8	1,350	0.0059	0.50%	0.50%	6.8	6.8	119%	119%
13	9	1,812	0.0050	0.50%	0.50%	9.1	9.1	99%	99%
14	9	2,105	0.0043	0.50%	0.50%	10.5	10.5	86%	86%
15	20	2,186	0.0091	0.50%	0.50%	10.9	10.9	183%	183%
16	19	2,384	0.0080	0.50%	0.50%	11.9	11.9	159%	159%
17	18	2,522	0.0071	0.50%	0.50%	12.6	12.6	143%	143%
18	8	2,754	0.0029	0.50%	0.50%	13.8	13.8	58%	58%
19	1	73	0.0137	0.50%	0.50%	0.4	0.4	274%	274%
20	0	55	0.0000	0.50%	0.50%	0.3	0.3	0%	0%
21	1	42	0.0238	0.50%	0.50%	0.2	0.2	476%	476%
22	0	37	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
23	0	34	0.0000	0.50%	0.50%	0.2	0.2	0%	0%
24	1	24	0.0417	0.50%	0.50%	0.1	0.1	833%	833%
25	0	16	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
26	0	13	0.0000	0.50%	0.50%	0.1	0.1	0%	0%
27	0	9	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
28	0	6	0.0000	0.50%	0.50%	0.0	0.0	0%	0%
29	1	2	0.5000	0.50%	0.50%	0.0	0.0	10000%	10000%
30	0	0	N/A	0.50%	0.50%	0	0	0%	0%
Total	459	47,521	0.0097			407.8	407.8	113%	113%
31 or more	0	0	N/A	0.50%	0.50%	0	0	0%	0%
Total	459	47,521	0.0097			407.8	407.8	113%	113%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	6,134	41	57.5	71%	0.67%	0.94%
2005	5,750	75	64.4	116%	1.30%	1.12%
2006	6,061	85	70.8	120%	1.40%	1.17%
2007	6,139	77	69.7	111%	1.25%	1.13%
2008	6,323	80	68.8	116%	1.27%	1.09%
2009	6,043	34	61.9	55%	0.56%	1.02%
2010	5,583	35	53.8	65%	0.63%	0.96%
2011	5,488	32	48.7	66%	0.58%	0.89%
2012	5,466	10	48.3	21%	0.18%	0.88%
2013	5,311	57	50.5	113%	1.07%	0.95%
Total	58,298	526	594.2	89%	0.90%	1.02%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	16	0.0625	40.00%	25.00%	6.4	4.0	16%	25%
41	2	30	0.0667	40.00%	25.67%	12.0	7.7	17%	26%
42	1	40	0.0250	40.00%	25.75%	16.0	10.3	6%	10%
43	8	54	0.1481	40.00%	27.78%	21.6	15.0	37%	53%
44	9	76	0.1184	40.00%	28.42%	30.4	21.6	30%	42%
45	23	104	0.2212	40.00%	29.23%	41.6	30.4	55%	76%
46	20	88	0.2273	40.95%	30.73%	36.0	27.0	55%	74%
47	21	91	0.2308	41.89%	31.62%	38.1	28.8	55%	73%
48	15	70	0.2143	42.74%	32.31%	29.9	22.6	50%	66%
49	8	69	0.1159	43.94%	33.87%	30.3	23.4	26%	34%
50	19	85	0.2235	45.65%	36.29%	38.8	30.9	49%	62%
51	18	59	0.3051	45.90%	35.81%	27.1	21.1	66%	85%
52	13	61	0.2131	45.97%	35.23%	28.0	21.5	46%	60%
53	11	57	0.1930	50.39%	41.88%	28.7	23.9	38%	46%
54	9	36	0.2500	49.50%	39.78%	17.8	14.3	51%	63%
55	8	32	0.2500	53.75%	45.63%	17.2	14.6	47%	55%
56	4	28	0.1429	49.29%	38.93%	13.8	10.9	29%	37%
57	12	41	0.2927	51.22%	41.83%	21.0	17.2	57%	70%
58	6	20	0.3000	49.00%	38.50%	9.8	7.7	61%	78%
59	4	22	0.1818	50.91%	41.36%	11.2	9.1	36%	44%
60	8	19	0.4211	53.68%	45.53%	10.2	8.7	78%	92%
61	3	9	0.3333	53.33%	45.00%	4.8	4.1	63%	74%
62	11	28	0.3929	60.00%	33.57%	16.8	9.4	65%	117%
63	7	15	0.4667	40.00%	27.00%	6.0	4.1	117%	173%
64	6	9	0.6667	40.00%	28.33%	3.6	2.6	167%	235%
65	4	22	0.1818	60.00%	30.45%	13.2	6.7	30%	60%
66	8	19	0.4211	40.00%	26.58%	7.6	5.1	105%	158%
67	3	11	0.2727	40.00%	27.73%	4.4	3.1	68%	98%
68	3	9	0.3333	40.00%	28.33%	3.6	2.6	83%	118%
69	2	6	0.3333	40.00%	25.00%	2.4	1.5	83%	133%
70	0	3	0.0000	100.00%	100.00%	3.0	3.0	0%	0%
Subtotal	267	1,229				551.5	412.5	48%	65%
Other	0	9	0.0000	100.00%	100.00%	9.0	9.0	0%	0%
Total	267	1,238				560.5	421.5	48%	63%

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

TABLE 4B

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	40.00%	35.00%	0.0	0.0	0%	0%
41	1	2	0.5000	40.00%	35.00%	0.8	0.7	125%	143%
42	0	3	0.0000	40.00%	35.00%	1.2	1.1	0%	0%
43	5	15	0.3333	40.00%	35.00%	6.0	5.3	83%	95%
44	8	26	0.3077	40.00%	35.00%	10.4	9.1	77%	88%
45	17	44	0.3864	40.00%	35.00%	17.6	15.4	97%	110%
46	17	42	0.4048	42.00%	37.00%	17.6	15.5	96%	109%
47	17	43	0.3953	44.00%	39.00%	18.9	16.8	90%	101%
48	12	32	0.3750	46.00%	41.00%	14.7	13.1	82%	91%
49	7	34	0.2059	48.00%	43.00%	16.3	14.6	43%	48%
50	16	48	0.3333	50.00%	45.00%	24.0	21.6	67%	74%
51	15	29	0.5172	52.00%	47.00%	15.1	13.6	99%	110%
52	7	26	0.2692	54.00%	49.00%	14.0	12.7	50%	55%
53	10	37	0.2703	56.00%	51.00%	20.7	18.9	48%	53%
54	8	19	0.4211	58.00%	53.00%	11.0	10.1	73%	79%
55	8	22	0.3636	60.00%	55.00%	13.2	12.1	61%	66%
56	3	13	0.2308	60.00%	55.00%	7.8	7.2	38%	42%
57	8	23	0.3478	60.00%	55.00%	13.8	12.7	58%	63%
58	4	9	0.4444	60.00%	55.00%	5.4	5.0	74%	81%
59	4	12	0.3333	60.00%	55.00%	7.2	6.6	56%	61%
60	7	13	0.5385	60.00%	55.00%	7.8	7.2	90%	98%
61	3	6	0.5000	60.00%	55.00%	3.6	3.3	83%	91%
62	5	8	0.6250	60.00%	55.00%	4.8	4.4	104%	114%
63	1	3	0.3333	40.00%	35.00%	1.2	1.1	83%	95%
64	1	3	0.3333	40.00%	35.00%	1.2	1.1	83%	95%
65	2	4	0.5000	60.00%	55.00%	2.4	2.2	83%	91%
66	2	3	0.6667	40.00%	35.00%	1.2	1.1	167%	190%
67	2	3	0.6667	40.00%	35.00%	1.2	1.1	167%	190%
68	3	3	1.0000	40.00%	35.00%	1.2	1.1	250%	286%
69	0	0	N/A	40.00%	35.00%	0.0	0.0	0%	0%
70	0	1	0.0000	100.00%	100.00%	1.0	1.0	0%	0%
Subtotal	193	526				261.5	235.2	74%	82%
Other	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Total	193	526				261.5	235.2	74%	82%

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

TABLE 4C

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	1	16	0.0625	40.00%	25.00%	6.4	4.0	16%	25%
41	1	28	0.0357	40.00%	25.00%	11.2	7.0	9%	14%
42	1	37	0.0270	40.00%	25.00%	14.8	9.3	7%	11%
43	3	39	0.0769	40.00%	25.00%	15.6	9.8	19%	31%
44	1	50	0.0200	40.00%	25.00%	20.0	12.5	5%	8%
45	6	60	0.1000	40.00%	25.00%	24.0	15.0	25%	40%
46	3	46	0.0652	40.00%	25.00%	18.4	11.5	16%	26%
47	4	48	0.0833	40.00%	25.00%	19.2	12.0	21%	33%
48	3	38	0.0789	40.00%	25.00%	15.2	9.5	20%	32%
49	1	35	0.0286	40.00%	25.00%	14.0	8.8	7%	11%
50	3	37	0.0811	40.00%	25.00%	14.8	9.3	20%	32%
51	3	30	0.1000	40.00%	25.00%	12.0	7.5	25%	40%
52	6	35	0.1714	40.00%	25.00%	14.0	8.8	43%	69%
53	1	20	0.0500	40.00%	25.00%	8.0	5.0	13%	20%
54	1	17	0.0588	40.00%	25.00%	6.8	4.3	15%	24%
55	0	10	0.0000	40.00%	25.00%	4.0	2.5	0%	0%
56	1	15	0.0667	40.00%	25.00%	6.0	3.8	17%	27%
57	4	18	0.2222	40.00%	25.00%	7.2	4.5	56%	89%
58	2	11	0.1818	40.00%	25.00%	4.4	2.8	45%	73%
59	0	10	0.0000	40.00%	25.00%	4.0	2.5	0%	0%
60	1	6	0.1667	40.00%	25.00%	2.4	1.5	42%	67%
61	0	3	0.0000	40.00%	25.00%	1.2	0.8	0%	0%
62	6	20	0.3000	60.00%	25.00%	12.0	5.0	50%	120%
63	6	12	0.5000	40.00%	25.00%	4.8	3.0	125%	200%
64	5	6	0.8333	40.00%	25.00%	2.4	1.5	208%	333%
65	2	18	0.1111	60.00%	25.00%	10.8	4.5	19%	44%
66	6	16	0.3750	40.00%	25.00%	6.4	4.0	94%	150%
67	1	8	0.1250	40.00%	25.00%	3.2	2.0	31%	50%
68	0	6	0.0000	40.00%	25.00%	2.4	1.5	0%	0%
69	2	6	0.3333	40.00%	25.00%	2.4	1.5	83%	133%
70	0	2	0.0000	100.00%	100.00%	2.0	2.0	0%	0%
Subtotal	74	703				290.0	177.3	26%	42%
Other	0	9	0.0000	100.00%	100.00%	9.0	9.0	0%	0%
Total	74	712				299.0	186.3	25%	40%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	3	43	0.0698	40.00%	30.58%	17.2	13.2	17%	23%
41	7	82	0.0854	40.00%	30.24%	32.8	24.8	21%	28%
42	10	102	0.0980	40.00%	30.59%	40.8	31.2	25%	32%
43	15	127	0.1181	40.00%	31.14%	50.8	39.6	30%	38%
44	16	171	0.0936	40.00%	31.73%	68.4	54.3	23%	29%
45	37	219	0.1689	40.00%	32.12%	87.6	70.4	42%	53%
46	40	208	0.1923	41.51%	34.06%	86.3	70.8	46%	56%
47	42	214	0.1963	42.99%	35.47%	92.0	75.9	46%	55%
48	46	244	0.1885	44.89%	38.05%	109.5	92.8	42%	50%
49	67	281	0.2384	46.66%	39.99%	131.1	112.4	51%	60%
50	86	314	0.2739	48.34%	41.69%	151.8	130.9	57%	66%
51	60	276	0.2174	50.22%	43.73%	138.6	120.7	43%	50%
52	71	235	0.3021	51.08%	44.00%	120.0	103.4	59%	69%
53	59	230	0.2565	53.57%	47.04%	123.2	108.2	48%	55%
54	45	159	0.2830	54.26%	47.19%	86.3	75.0	52%	60%
55	47	151	0.3113	57.22%	50.83%	86.4	76.8	54%	61%
56	36	123	0.2927	54.47%	46.71%	67.0	57.5	54%	63%
57	47	132	0.3561	55.61%	48.41%	73.4	63.9	64%	74%
58	28	89	0.3146	55.96%	48.93%	49.8	43.6	56%	64%
59	25	78	0.3205	56.15%	49.23%	43.8	38.4	57%	65%
60	21	45	0.4667	56.44%	49.67%	25.4	22.4	83%	94%
61	16	34	0.4706	55.88%	48.82%	19.0	16.6	84%	96%
62	31	70	0.4429	60.00%	39.14%	42.0	27.4	74%	113%
63	17	33	0.5152	40.00%	30.76%	13.2	10.2	129%	167%
64	11	20	0.5500	40.00%	31.00%	8.0	6.2	138%	177%
65	6	55	0.1091	60.00%	39.18%	33.0	21.6	18%	28%
66	11	39	0.2821	40.00%	29.10%	15.6	11.4	71%	97%
67	4	25	0.1600	40.00%	29.00%	10.0	7.3	40%	55%
68	5	21	0.2381	40.00%	28.81%	8.4	6.1	60%	83%
69	3	13	0.2308	40.00%	27.31%	5.2	3.6	58%	85%
70	1	7	0.1429	100.00%	100.00%	7.0	7.0	14%	14%
Subtotal	913	3,840				1,843.7	1,543.0	50%	59%
Other	2	25	0.0800	100.00%	100.00%	25.0	25.0	8%	8%
Total	915	3,865				1,868.7	1,568.0	49%	58%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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)	(2)	(3)	(2) / (3)	(5)	(6)	(3) x (5)	(3) x (6)	(2) / (7)	(2) / (8)
			(4)			(7)	(8)	(9)	(10)
40	2	24	0.0833	40.00%	35.00%	9.6	8.4	21%	24%
41	6	43	0.1395	40.00%	35.00%	17.2	15.1	35%	40%
42	9	57	0.1579	40.00%	35.00%	22.8	20.0	39%	45%
43	12	78	0.1538	40.00%	35.00%	31.2	27.3	38%	44%
44	15	115	0.1304	40.00%	35.00%	46.0	40.3	33%	37%
45	31	156	0.1987	40.00%	35.00%	62.4	54.6	50%	57%
46	35	157	0.2229	42.00%	37.00%	65.9	58.1	53%	60%
47	36	160	0.2250	44.00%	39.00%	70.4	62.4	51%	58%
48	42	199	0.2111	46.00%	41.00%	91.5	81.6	46%	51%
49	55	234	0.2350	48.00%	43.00%	112.3	100.6	49%	55%
50	71	262	0.2710	50.00%	45.00%	131.0	117.9	54%	60%
51	51	235	0.2170	52.00%	47.00%	122.2	110.5	42%	46%
52	53	186	0.2849	54.00%	49.00%	100.4	91.1	53%	58%
53	46	195	0.2359	56.00%	51.00%	109.2	99.5	42%	46%
54	30	126	0.2381	58.00%	53.00%	73.1	66.8	41%	45%
55	40	130	0.3077	60.00%	55.00%	78.0	71.5	51%	56%
56	22	89	0.2472	60.00%	55.00%	53.4	49.0	41%	45%
57	33	103	0.3204	60.00%	55.00%	61.8	56.7	53%	58%
58	21	71	0.2958	60.00%	55.00%	42.6	39.1	49%	54%
59	20	63	0.3175	60.00%	55.00%	37.8	34.7	53%	58%
60	18	37	0.4865	60.00%	55.00%	22.2	20.4	81%	88%
61	13	27	0.4815	60.00%	55.00%	16.2	14.9	80%	88%
62	16	33	0.4848	60.00%	55.00%	19.8	18.2	81%	88%
63	9	19	0.4737	40.00%	35.00%	7.6	6.7	118%	135%
64	4	12	0.3333	40.00%	35.00%	4.8	4.2	83%	95%
65	4	26	0.1538	60.00%	55.00%	15.6	14.3	26%	28%
66	4	16	0.2500	40.00%	35.00%	6.4	5.6	63%	71%
67	3	10	0.3000	40.00%	35.00%	4.0	3.5	75%	86%
68	4	8	0.5000	40.00%	35.00%	3.2	2.8	125%	143%
69	0	3	0.0000	40.00%	35.00%	1.2	1.1	0%	0%
70	0	1	0.0000	100.00%	100.00%	1.0	1.0	0%	0%
Subtotal	705	2,875				1,440.9	1,297.2	49%	54%
Other	1	10	0.1000	100.00%	100.00%	10.0	10.0	10%	10%
Total	706	2,885				1,450.9	1,307.2	49%	54%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	19	0.0526	40.00%	25.00%	7.6	4.8	13%	21%
41	1	39	0.0256	40.00%	25.00%	15.6	9.8	6%	10%
42	1	45	0.0222	40.00%	25.00%	18.0	11.3	6%	9%
43	3	49	0.0612	40.00%	25.00%	19.6	12.3	15%	24%
44	1	56	0.0179	40.00%	25.00%	22.4	14.0	4%	7%
45	6	63	0.0952	40.00%	25.00%	25.2	15.8	24%	38%
46	5	51	0.0980	40.00%	25.00%	20.4	12.8	25%	39%
47	6	54	0.1111	40.00%	25.00%	21.6	13.5	28%	44%
48	4	45	0.0889	40.00%	25.00%	18.0	11.3	22%	36%
49	12	47	0.2553	40.00%	25.00%	18.8	11.8	64%	102%
50	15	52	0.2885	40.00%	25.00%	20.8	13.0	72%	115%
51	9	41	0.2195	40.00%	25.00%	16.4	10.3	55%	88%
52	18	49	0.3673	40.00%	25.00%	19.6	12.3	92%	147%
53	13	35	0.3714	40.00%	25.00%	14.0	8.8	93%	149%
54	15	33	0.4545	40.00%	25.00%	13.2	8.3	114%	182%
55	7	21	0.3333	40.00%	25.00%	8.4	5.3	83%	133%
56	14	34	0.4118	40.00%	25.00%	13.6	8.5	103%	165%
57	14	29	0.4828	40.00%	25.00%	11.6	7.3	121%	193%
58	7	18	0.3889	40.00%	25.00%	7.2	4.5	97%	156%
59	5	15	0.3333	40.00%	25.00%	6.0	3.8	83%	133%
60	3	8	0.3750	40.00%	25.00%	3.2	2.0	94%	150%
61	3	7	0.4286	40.00%	25.00%	2.8	1.8	107%	171%
62	15	37	0.4054	60.00%	25.00%	22.2	9.3	68%	162%
63	8	14	0.5714	40.00%	25.00%	5.6	3.5	143%	229%
64	7	8	0.8750	40.00%	25.00%	3.2	2.0	219%	350%
65	2	29	0.0690	60.00%	25.00%	17.4	7.3	11%	28%
66	7	23	0.3043	40.00%	25.00%	9.2	5.8	76%	122%
67	1	15	0.0667	40.00%	25.00%	6.0	3.8	17%	27%
68	1	13	0.0769	40.00%	25.00%	5.2	3.3	19%	31%
69	3	10	0.3000	40.00%	25.00%	4.0	2.5	75%	120%
70	1	6	0.1667	100.00%	100.00%	6.0	6.0	17%	17%
Subtotal	208	965				402.8	245.8	52%	85%
Other	1	15	0.0667	100.00%	100.00%	15.0	15.0	7%	7%
Total	209	980				417.8	260.8	50%	80%

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

TABLE 5A

				4-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	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
41	0	3	0.0000	20.00%	20.00%	0.6	0.6	0%	0%
42	0	10	0.0000	20.00%	20.00%	2.0	2.0	0%	0%
43	3	13	0.2308	20.00%	20.00%	2.6	2.6	115%	115%
44	2	28	0.0714	20.00%	20.00%	5.6	5.6	36%	36%
45	3	62	0.0484	20.00%	20.00%	12.4	12.4	24%	24%
46	5	82	0.0610	20.00%	20.00%	16.4	16.4	30%	30%
47	9	77	0.1169	20.00%	20.00%	15.4	15.4	58%	58%
48	17	82	0.2073	20.00%	20.00%	16.4	16.4	104%	104%
49	15	78	0.1923	20.00%	20.00%	15.6	15.6	96%	96%
50	15	63	0.2381	20.00%	20.00%	12.6	12.6	119%	119%
51	13	70	0.1857	20.00%	20.00%	14.0	14.0	93%	93%
52	16	55	0.2909	20.00%	20.00%	11.0	11.0	145%	145%
53	7	39	0.1795	20.00%	20.00%	7.8	7.8	90%	90%
54	12	43	0.2791	20.00%	20.00%	8.6	8.6	140%	140%
55	12	36	0.3333	20.00%	20.00%	7.2	7.2	167%	167%
56	8	33	0.2424	20.00%	20.00%	6.6	6.6	121%	121%
57	9	29	0.3103	20.00%	20.00%	5.8	5.8	155%	155%
58	9	39	0.2308	20.00%	20.00%	7.8	7.8	115%	115%
59	8	18	0.4444	20.00%	20.00%	3.6	3.6	222%	222%
60	2	16	0.1250	20.00%	20.00%	3.2	3.2	63%	63%
61	5	11	0.4545	30.00%	30.00%	3.3	3.3	152%	152%
62	5	9	0.5556	40.00%	40.00%	3.6	3.6	139%	139%
63	3	9	0.3333	30.00%	30.00%	2.7	2.7	111%	111%
64	4	8	0.5000	30.00%	30.00%	2.4	2.4	167%	167%
65	2	3	0.6667	40.00%	40.00%	1.2	1.2	167%	167%
66	2	4	0.5000	30.00%	30.00%	1.2	1.2	167%	167%
67	1	2	0.5000	30.00%	30.00%	0.6	0.6	167%	167%
68	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
69	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
70	1	1	1.0000	100.00%	100.00%	1.0	1.0	100%	100%
Subtotal	190	927				192.2	192.2	99%	99%
Other	2	5	0.4000	100.00%	100.00%	5.0	5.0	40%	40%
Total	192	932				197.2	197.2	97%	97%

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

TABLE 5B

				4-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	20.00%	20.00%	0.0	0.0	0%	0%
41	0	0	N/A	20.00%	20.00%	0.0	0.0	0%	0%
42	0	4	0.0000	20.00%	20.00%	0.8	0.8	0%	0%
43	3	7	0.4286	20.00%	20.00%	1.4	1.4	214%	214%
44	2	22	0.0909	20.00%	20.00%	4.4	4.4	45%	45%
45	2	45	0.0444	20.00%	20.00%	9.0	9.0	22%	22%
46	4	65	0.0615	20.00%	20.00%	13.0	13.0	31%	31%
47	8	61	0.1311	20.00%	20.00%	12.2	12.2	66%	66%
48	14	65	0.2154	20.00%	20.00%	13.0	13.0	108%	108%
49	14	65	0.2154	20.00%	20.00%	13.0	13.0	108%	108%
50	15	53	0.2830	20.00%	20.00%	10.6	10.6	142%	142%
51	12	56	0.2143	20.00%	20.00%	11.2	11.2	107%	107%
52	13	48	0.2708	20.00%	20.00%	9.6	9.6	135%	135%
53	6	29	0.2069	20.00%	20.00%	5.8	5.8	103%	103%
54	11	38	0.2895	20.00%	20.00%	7.6	7.6	145%	145%
55	11	32	0.3438	20.00%	20.00%	6.4	6.4	172%	172%
56	8	29	0.2759	20.00%	20.00%	5.8	5.8	138%	138%
57	8	24	0.3333	20.00%	20.00%	4.8	4.8	167%	167%
58	8	33	0.2424	20.00%	20.00%	6.6	6.6	121%	121%
59	7	15	0.4667	20.00%	20.00%	3.0	3.0	233%	233%
60	2	12	0.1667	20.00%	20.00%	2.4	2.4	83%	83%
61	4	10	0.4000	30.00%	30.00%	3.0	3.0	133%	133%
62	4	8	0.5000	40.00%	40.00%	3.2	3.2	125%	125%
63	2	6	0.3333	30.00%	30.00%	1.8	1.8	111%	111%
64	3	4	0.7500	30.00%	30.00%	1.2	1.2	250%	250%
65	1	2	0.5000	40.00%	40.00%	0.8	0.8	125%	125%
66	1	3	0.3333	30.00%	30.00%	0.9	0.9	111%	111%
67	1	2	0.5000	30.00%	30.00%	0.6	0.6	167%	167%
68	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
69	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
70	1	1	1.0000	100.00%	100.00%	1.0	1.0	100%	100%
Subtotal	166	740				153.4	153.4	108%	108%
Other	1	1	1.0000	100.00%	100.00%	1.0	1.0	100%	100%
Total	167	741				154.4	154.4	108%	108%

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

TABLE 5C

				4-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	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
41	0	3	0.0000	20.00%	20.00%	0.6	0.6	0%	0%
42	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
43	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
44	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
45	1	17	0.0588	20.00%	20.00%	3.4	3.4	29%	29%
46	1	17	0.0588	20.00%	20.00%	3.4	3.4	29%	29%
47	1	16	0.0625	20.00%	20.00%	3.2	3.2	31%	31%
48	3	17	0.1765	20.00%	20.00%	3.4	3.4	88%	88%
49	1	13	0.0769	20.00%	20.00%	2.6	2.6	38%	38%
50	0	10	0.0000	20.00%	20.00%	2.0	2.0	0%	0%
51	1	14	0.0714	20.00%	20.00%	2.8	2.8	36%	36%
52	3	7	0.4286	20.00%	20.00%	1.4	1.4	214%	214%
53	1	10	0.1000	20.00%	20.00%	2.0	2.0	50%	50%
54	1	5	0.2000	20.00%	20.00%	1.0	1.0	100%	100%
55	1	4	0.2500	20.00%	20.00%	0.8	0.8	125%	125%
56	0	4	0.0000	20.00%	20.00%	0.8	0.8	0%	0%
57	1	5	0.2000	20.00%	20.00%	1.0	1.0	100%	100%
58	1	6	0.1667	20.00%	20.00%	1.2	1.2	83%	83%
59	1	3	0.3333	20.00%	20.00%	0.6	0.6	167%	167%
60	0	4	0.0000	20.00%	20.00%	0.8	0.8	0%	0%
61	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
62	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
63	1	3	0.3333	30.00%	30.00%	0.9	0.9	111%	111%
64	1	4	0.2500	30.00%	30.00%	1.2	1.2	83%	83%
65	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
66	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
67	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
68	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
69	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	24	187				38.8	38.8	62%	62%
Other	1	4	0.2500	100.00%	100.00%	4.0	4.0	25%	25%
Total	25	191				42.8	42.8	58%	58%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	11	0.0909	20.00%	20.00%	2.2	2.2	45%	45%
41	5	28	0.1786	20.00%	20.00%	5.6	5.6	89%	89%
42	8	50	0.1600	20.00%	20.00%	10.0	10.0	80%	80%
43	16	59	0.2712	20.00%	20.00%	11.8	11.8	136%	136%
44	10	78	0.1282	20.00%	20.00%	15.6	15.6	64%	64%
45	11	110	0.1000	20.00%	20.00%	22.0	22.0	50%	50%
46	16	137	0.1168	20.00%	20.00%	27.4	27.4	58%	58%
47	23	139	0.1655	20.00%	20.00%	27.8	27.8	83%	83%
48	36	163	0.2209	20.00%	20.00%	32.6	32.6	110%	110%
49	41	206	0.1990	20.00%	20.00%	41.2	41.2	100%	100%
50	64	212	0.3019	20.00%	20.00%	42.4	42.4	151%	151%
51	56	224	0.2500	20.00%	20.00%	44.8	44.8	125%	125%
52	56	211	0.2654	20.00%	20.00%	42.2	42.2	133%	133%
53	39	145	0.2690	20.00%	20.00%	29.0	29.0	134%	134%
54	52	167	0.3114	20.00%	20.00%	33.4	33.4	156%	156%
55	42	115	0.3652	20.00%	20.00%	23.0	23.0	183%	183%
56	28	105	0.2667	20.00%	20.00%	21.0	21.0	133%	133%
57	19	81	0.2346	20.00%	20.00%	16.2	16.2	117%	117%
58	22	79	0.2785	20.00%	20.00%	15.8	15.8	139%	139%
59	19	56	0.3393	20.00%	20.00%	11.2	11.2	170%	170%
60	15	46	0.3261	20.00%	20.00%	9.2	9.2	163%	163%
61	10	22	0.4545	30.00%	30.00%	6.6	6.6	152%	152%
62	8	17	0.4706	40.00%	40.00%	6.8	6.8	118%	118%
63	13	27	0.4815	30.00%	30.00%	8.1	8.1	160%	160%
64	6	14	0.4286	30.00%	30.00%	4.2	4.2	143%	143%
65	6	8	0.7500	40.00%	40.00%	3.2	3.2	188%	188%
66	2	6	0.3333	30.00%	30.00%	1.8	1.8	111%	111%
67	2	3	0.6667	30.00%	30.00%	0.9	0.9	222%	222%
68	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
69	1	3	0.3333	30.00%	30.00%	0.9	0.9	111%	111%
70	1	1	1.0000	100.00%	100.00%	1.0	1.0	100%	100%
Subtotal	629	2,524				518.2	518.2	121%	121%
Other	2	7	0.2857	100.00%	100.00%	7.0	7.0	29%	29%
Total	631	2,531				525.2	525.2	120%	120%

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

TABLE 5B

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	1	7	0.1429	20.00%	20.00%	1.4	1.4	71%	71%
41	5	22	0.2273	20.00%	20.00%	4.4	4.4	114%	114%
42	7	37	0.1892	20.00%	20.00%	7.4	7.4	95%	95%
43	16	48	0.3333	20.00%	20.00%	9.6	9.6	167%	167%
44	10	64	0.1563	20.00%	20.00%	12.8	12.8	78%	78%
45	10	88	0.1136	20.00%	20.00%	17.6	17.6	57%	57%
46	15	117	0.1282	20.00%	20.00%	23.4	23.4	64%	64%
47	21	119	0.1765	20.00%	20.00%	23.8	23.8	88%	88%
48	23	132	0.1742	20.00%	20.00%	26.4	26.4	87%	87%
49	27	171	0.1579	20.00%	20.00%	34.2	34.2	79%	79%
50	52	188	0.2766	20.00%	20.00%	37.6	37.6	138%	138%
51	44	196	0.2245	20.00%	20.00%	39.2	39.2	112%	112%
52	43	192	0.2240	20.00%	20.00%	38.4	38.4	112%	112%
53	33	128	0.2578	20.00%	20.00%	25.6	25.6	129%	129%
54	41	149	0.2752	20.00%	20.00%	29.8	29.8	138%	138%
55	35	103	0.3398	20.00%	20.00%	20.6	20.6	170%	170%
56	21	92	0.2283	20.00%	20.00%	18.4	18.4	114%	114%
57	15	70	0.2143	20.00%	20.00%	14.0	14.0	107%	107%
58	17	69	0.2464	20.00%	20.00%	13.8	13.8	123%	123%
59	18	51	0.3529	20.00%	20.00%	10.2	10.2	176%	176%
60	14	41	0.3415	20.00%	20.00%	8.2	8.2	171%	171%
61	9	21	0.4286	30.00%	30.00%	6.3	6.3	143%	143%
62	7	16	0.4375	40.00%	40.00%	6.4	6.4	109%	109%
63	8	16	0.5000	30.00%	30.00%	4.8	4.8	167%	167%
64	5	10	0.5000	30.00%	30.00%	3.0	3.0	167%	167%
65	5	7	0.7143	40.00%	40.00%	2.8	2.8	179%	179%
66	1	5	0.2000	30.00%	30.00%	1.5	1.5	67%	67%
67	2	3	0.6667	30.00%	30.00%	0.9	0.9	222%	222%
68	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
69	0	2	0.0000	30.00%	30.00%	0.6	0.6	0%	0%
70	1	1	1.0000	100.00%	100.00%	1.0	1.0	100%	100%
Subtotal	507	2,166				444.4	444.4	114%	114%
Other	1	2	0.5000	100.00%	100.00%	2.0	2.0	50%	50%
Total	508	2,168				446.4	446.4	114%	114%

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

TABLE 5C

10-YEAR PERIOD ENDING 6/30/2013

<u>Age</u> <u>(1)</u>	<u>Actual</u> <u>Retirements</u> <u>(2)</u>	<u>Total</u> <u>Exposed</u> <u>(3)</u>	<u>Actual Rate</u> <u>(2) / (3)</u> <u>(4)</u>	<u>Assumed Probability</u>		<u>Expected Retirements</u>		<u>Actual/Expected</u>	
				<u>Expected</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Expected</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Expected</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
40	0	4	0.0000	20.00%	20.00%	0.8	0.8	0%	0%
41	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
42	1	13	0.0769	20.00%	20.00%	2.6	2.6	38%	38%
43	0	11	0.0000	20.00%	20.00%	2.2	2.2	0%	0%
44	0	14	0.0000	20.00%	20.00%	2.8	2.8	0%	0%
45	1	22	0.0455	20.00%	20.00%	4.4	4.4	23%	23%
46	1	20	0.0500	20.00%	20.00%	4.0	4.0	25%	25%
47	2	20	0.1000	20.00%	20.00%	4.0	4.0	50%	50%
48	13	31	0.4194	20.00%	20.00%	6.2	6.2	210%	210%
49	14	35	0.4000	20.00%	20.00%	7.0	7.0	200%	200%
50	12	24	0.5000	20.00%	20.00%	4.8	4.8	250%	250%
51	12	28	0.4286	20.00%	20.00%	5.6	5.6	214%	214%
52	13	19	0.6842	20.00%	20.00%	3.8	3.8	342%	342%
53	6	17	0.3529	20.00%	20.00%	3.4	3.4	176%	176%
54	11	18	0.6111	20.00%	20.00%	3.6	3.6	306%	306%
55	7	12	0.5833	20.00%	20.00%	2.4	2.4	292%	292%
56	7	13	0.5385	20.00%	20.00%	2.6	2.6	269%	269%
57	4	11	0.3636	20.00%	20.00%	2.2	2.2	182%	182%
58	5	10	0.5000	20.00%	20.00%	2.0	2.0	250%	250%
59	1	5	0.2000	20.00%	20.00%	1.0	1.0	100%	100%
60	1	5	0.2000	20.00%	20.00%	1.0	1.0	100%	100%
61	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
62	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
63	5	11	0.4545	30.00%	30.00%	3.3	3.3	152%	152%
64	1	4	0.2500	30.00%	30.00%	1.2	1.2	83%	83%
65	1	1	1.0000	40.00%	40.00%	0.4	0.4	250%	250%
66	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
67	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
68	0	0	N/A	30.00%	30.00%	0.0	0.0	0%	0%
69	1	1	1.0000	30.00%	30.00%	0.3	0.3	333%	333%
70	0	0	N/A	100.00%	100.00%	0.0	0.0	0%	0%
Subtotal	122	358				73.8	73.8	165%	165%
Other	1	5	0.2000	100.00%	100.00%	5.0	5.0	20%	20%
Total	123	363				78.8	78.8	156%	156%

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

TABLE 6A

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)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
41	0	6	0.0000	18.33%	16.67%	1.1	1.0	0%	0%
42	0	11	0.0000	17.73%	15.45%	2.0	1.7	0%	0%
43	2	27	0.0741	16.48%	12.96%	4.5	3.5	45%	57%
44	1	55	0.0182	16.36%	12.73%	9.0	7.0	11%	14%
45	15	107	0.1402	16.17%	12.34%	17.3	13.2	87%	114%
46	10	166	0.0602	16.11%	12.23%	26.8	20.3	37%	49%
47	10	238	0.0420	16.03%	12.06%	38.2	28.7	26%	35%
48	12	273	0.0440	15.93%	11.87%	43.5	32.4	28%	37%
49	19	297	0.0640	15.81%	11.62%	47.0	34.5	40%	55%
50	18	280	0.0643	15.71%	11.43%	44.0	32.0	41%	56%
51	17	262	0.0649	15.74%	11.49%	41.3	30.1	41%	56%
52	18	247	0.0729	15.61%	11.21%	38.6	27.7	47%	65%
53	17	218	0.0780	15.60%	11.19%	34.0	24.4	50%	70%
54	19	239	0.0795	15.56%	11.13%	37.2	26.6	51%	71%
55	36	278	0.1295	15.49%	15.49%	43.1	43.1	84%	84%
56	41	309	0.1327	16.17%	15.21%	50.0	47.0	82%	87%
57	43	301	0.1429	17.14%	15.23%	51.6	45.9	83%	94%
58	37	274	0.1350	18.08%	15.20%	49.5	41.7	75%	89%
59	41	242	0.1694	19.04%	15.21%	46.1	36.8	89%	111%
60	41	179	0.2291	20.00%	20.00%	35.8	35.8	115%	115%
61	20	135	0.1481	25.48%	20.96%	34.4	28.3	58%	71%
62	27	108	0.2500	30.83%	26.25%	33.3	28.4	81%	95%
63	23	79	0.2911	21.39%	30.00%	16.9	23.7	136%	97%
64	12	51	0.2353	21.76%	34.12%	11.1	17.4	108%	69%
65	12	36	0.3333	33.06%	36.53%	11.9	13.2	101%	91%
66	6	22	0.2727	22.73%	33.64%	5.0	7.4	120%	81%
67	0	12	0.0000	23.33%	33.33%	2.8	4.0	0%	0%
68	0	9	0.0000	22.22%	33.89%	2.0	3.1	0%	0%
69	0	5	0.0000	22.00%	34.00%	1.1	1.7	0%	0%
70	1	4	0.2500	100.00%	100.00%	4.0	4.0	25%	25%
Subtotal	498	4,472				783.1	664.7	64%	75%
Other	2	10	0.2000	100.00%	100.00%	10.0	10.0	20%	20%
Total	500	4,482				793.1	674.7	63%	74%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	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	15.00%	10.00%	0.0	0.0	0%	0%
41	0	2	0.0000	15.00%	10.00%	0.3	0.2	0%	0%
42	0	5	0.0000	15.00%	10.00%	0.8	0.5	0%	0%
43	1	19	0.0526	15.00%	10.00%	2.9	1.9	35%	53%
44	1	40	0.0250	15.00%	10.00%	6.0	4.0	17%	25%
45	15	82	0.1829	15.00%	10.00%	12.3	8.2	122%	183%
46	9	129	0.0698	15.00%	10.00%	19.4	12.9	47%	70%
47	9	189	0.0476	15.00%	10.00%	28.4	18.9	32%	48%
48	12	222	0.0541	15.00%	10.00%	33.3	22.2	36%	54%
49	17	249	0.0683	15.00%	10.00%	37.4	24.9	46%	68%
50	18	240	0.0750	15.00%	10.00%	36.0	24.0	50%	75%
51	16	223	0.0717	15.00%	10.00%	33.5	22.3	48%	72%
52	18	217	0.0829	15.00%	10.00%	32.6	21.7	55%	83%
53	17	192	0.0885	15.00%	10.00%	28.8	19.2	59%	89%
54	19	212	0.0896	15.00%	10.00%	31.8	21.2	60%	90%
55	36	251	0.1434	15.00%	15.00%	37.7	37.7	96%	96%
56	40	296	0.1351	16.00%	15.00%	47.4	44.4	84%	90%
57	42	287	0.1463	17.00%	15.00%	48.8	43.1	86%	98%
58	37	263	0.1407	18.00%	15.00%	47.3	39.5	78%	94%
59	38	232	0.1638	19.00%	15.00%	44.1	34.8	86%	109%
60	40	170	0.2353	20.00%	20.00%	34.0	34.0	118%	118%
61	19	122	0.1557	25.00%	20.00%	30.5	24.4	62%	78%
62	24	99	0.2424	30.00%	25.00%	29.7	24.8	81%	97%
63	21	68	0.3088	20.00%	30.00%	13.6	20.4	154%	103%
64	11	42	0.2619	20.00%	35.00%	8.4	14.7	131%	75%
65	10	25	0.4000	30.00%	35.00%	7.5	8.8	133%	114%
66	5	16	0.3125	20.00%	35.00%	3.2	5.6	156%	89%
67	0	8	0.0000	20.00%	35.00%	1.6	2.8	0%	0%
68	0	7	0.0000	20.00%	35.00%	1.4	2.5	0%	0%
69	0	4	0.0000	20.00%	35.00%	0.8	1.4	0%	0%
70	0	2	0.0000	100.00%	100.00%	2.0	2.0	0%	0%
Subtotal	475	3,913				661.1	542.7	72%	88%
Other	1	8	0.1250	100.00%	100.00%	8.0	8.0	13%	13%
Total	476	3,921				669.1	550.7	71%	86%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	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	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
41	0	4	0.0000	20.00%	20.00%	0.8	0.8	0%	0%
42	0	6	0.0000	20.00%	20.00%	1.2	1.2	0%	0%
43	1	8	0.1250	20.00%	20.00%	1.6	1.6	63%	63%
44	0	15	0.0000	20.00%	20.00%	3.0	3.0	0%	0%
45	0	25	0.0000	20.00%	20.00%	5.0	5.0	0%	0%
46	1	37	0.0270	20.00%	20.00%	7.4	7.4	14%	14%
47	1	49	0.0204	20.00%	20.00%	9.8	9.8	10%	10%
48	0	51	0.0000	20.00%	20.00%	10.2	10.2	0%	0%
49	2	48	0.0417	20.00%	20.00%	9.6	9.6	21%	21%
50	0	40	0.0000	20.00%	20.00%	8.0	8.0	0%	0%
51	1	39	0.0256	20.00%	20.00%	7.8	7.8	13%	13%
52	0	30	0.0000	20.00%	20.00%	6.0	6.0	0%	0%
53	0	26	0.0000	20.00%	20.00%	5.2	5.2	0%	0%
54	0	27	0.0000	20.00%	20.00%	5.4	5.4	0%	0%
55	0	27	0.0000	20.00%	20.00%	5.4	5.4	0%	0%
56	1	13	0.0769	20.00%	20.00%	2.6	2.6	38%	38%
57	1	14	0.0714	20.00%	20.00%	2.8	2.8	36%	36%
58	0	11	0.0000	20.00%	20.00%	2.2	2.2	0%	0%
59	3	10	0.3000	20.00%	20.00%	2.0	2.0	150%	150%
60	1	9	0.1111	20.00%	20.00%	1.8	1.8	56%	56%
61	1	13	0.0769	30.00%	30.00%	3.9	3.9	26%	26%
62	3	9	0.3333	40.00%	40.00%	3.6	3.6	83%	83%
63	2	11	0.1818	30.00%	30.00%	3.3	3.3	61%	61%
64	1	9	0.1111	30.00%	30.00%	2.7	2.7	37%	37%
65	2	11	0.1818	40.00%	40.00%	4.4	4.4	45%	45%
66	1	6	0.1667	30.00%	30.00%	1.8	1.8	56%	56%
67	0	4	0.0000	30.00%	30.00%	1.2	1.2	0%	0%
68	0	2	0.0000	30.00%	30.00%	0.6	0.6	0%	0%
69	0	1	0.0000	30.00%	30.00%	0.3	0.3	0%	0%
70	1	2	0.5000	100.00%	100.00%	2.0	2.0	50%	50%
Subtotal	23	559				122.0	122.0	19%	19%
Other	1	2	0.5000	100.00%	100.00%	2.0	2.0	50%	50%
Total	24	561				124.0	124.0	19%	19%

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

TABLE 6A

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	4	0.0000	17.50%	15.00%	0.7	0.6	0%	0%
41	0	16	0.0000	17.19%	14.38%	2.8	2.3	0%	0%
42	1	40	0.0250	16.63%	13.25%	6.7	5.3	15%	19%
43	4	79	0.0506	16.33%	12.66%	12.9	10.0	31%	40%
44	3	119	0.0252	16.26%	12.52%	19.4	14.9	16%	20%
45	20	182	0.1099	16.18%	12.36%	29.5	22.5	68%	89%
46	15	251	0.0598	16.14%	12.27%	40.5	30.8	37%	49%
47	17	348	0.0489	16.02%	12.04%	55.8	41.9	30%	41%
48	26	433	0.0600	15.80%	11.59%	68.4	50.2	38%	52%
49	53	541	0.0980	15.71%	11.42%	85.0	61.8	62%	86%
50	70	621	0.1127	15.64%	11.29%	97.2	70.1	72%	100%
51	93	679	0.1370	15.58%	11.16%	105.8	75.8	88%	123%
52	91	712	0.1278	15.42%	10.84%	109.8	77.2	83%	118%
53	96	728	0.1319	15.36%	10.71%	111.8	78.0	86%	123%
54	92	711	0.1294	15.41%	10.83%	109.6	77.0	84%	119%
55	97	698	0.1390	15.38%	15.38%	107.4	107.4	90%	90%
56	107	643	0.1664	16.28%	15.35%	104.7	98.7	102%	108%
57	98	598	0.1639	17.29%	15.48%	103.4	92.6	95%	106%
58	76	511	0.1487	18.18%	15.44%	92.9	78.9	82%	96%
59	76	425	0.1788	19.09%	15.47%	81.2	65.8	94%	116%
60	78	331	0.2356	20.00%	20.00%	66.2	66.2	118%	118%
61	41	239	0.1715	25.73%	21.46%	61.5	51.3	67%	80%
62	56	184	0.3043	31.96%	27.93%	58.8	51.4	95%	109%
63	33	114	0.2895	22.37%	30.00%	25.5	34.2	129%	96%
64	19	81	0.2346	23.70%	33.15%	19.2	26.9	99%	71%
65	15	59	0.2542	34.41%	37.20%	20.3	22.0	74%	68%
66	14	48	0.2917	25.21%	32.40%	12.1	15.6	116%	90%
67	4	32	0.1250	25.63%	32.19%	8.2	10.3	49%	39%
68	10	26	0.3846	26.15%	31.92%	6.8	8.3	147%	120%
69	2	12	0.1667	25.00%	32.50%	3.0	3.9	67%	51%
70	2	9	0.2222	100.00%	100.00%	9.0	9.0	22%	22%
Subtotal	1,309	9,474				1,635.6	1,360.6	80%	96%
Other	5	30	0.1667	100.00%	100.00%	30.0	30.0	17%	17%
Total	1,314	9,504				1,665.6	1,390.6	79%	94%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.0000	15.00%	10.00%	0.3	0.2	0%	0%
41	0	9	0.0000	15.00%	10.00%	1.4	0.9	0%	0%
42	1	27	0.0370	15.00%	10.00%	4.1	2.7	25%	37%
43	3	58	0.0517	15.00%	10.00%	8.7	5.8	34%	52%
44	3	89	0.0337	15.00%	10.00%	13.4	8.9	22%	34%
45	20	139	0.1439	15.00%	10.00%	20.9	13.9	96%	144%
46	14	194	0.0722	15.00%	10.00%	29.1	19.4	48%	72%
47	13	277	0.0469	15.00%	10.00%	41.6	27.7	31%	47%
48	22	364	0.0604	15.00%	10.00%	54.6	36.4	40%	60%
49	38	464	0.0819	15.00%	10.00%	69.6	46.4	55%	82%
50	51	541	0.0943	15.00%	10.00%	81.2	54.1	63%	94%
51	69	600	0.1150	15.00%	10.00%	90.0	60.0	77%	115%
52	71	652	0.1089	15.00%	10.00%	97.8	65.2	73%	109%
53	83	676	0.1228	15.00%	10.00%	101.4	67.6	82%	123%
54	75	652	0.1150	15.00%	10.00%	97.8	65.2	77%	115%
55	87	645	0.1349	15.00%	15.00%	96.8	96.8	90%	90%
56	90	598	0.1505	16.00%	15.00%	95.7	89.7	94%	100%
57	76	541	0.1405	17.00%	15.00%	92.0	81.2	83%	94%
58	65	466	0.1395	18.00%	15.00%	83.9	69.9	77%	93%
59	67	385	0.1740	19.00%	15.00%	73.2	57.8	92%	116%
60	62	290	0.2138	20.00%	20.00%	58.0	58.0	107%	107%
61	36	204	0.1765	25.00%	20.00%	51.0	40.8	71%	88%
62	44	148	0.2973	30.00%	25.00%	44.4	37.0	99%	119%
63	27	87	0.3103	20.00%	30.00%	17.4	26.1	155%	103%
64	11	51	0.2157	20.00%	35.00%	10.2	17.9	108%	62%
65	10	33	0.3030	30.00%	35.00%	9.9	11.6	101%	87%
66	7	23	0.3043	20.00%	35.00%	4.6	8.1	152%	87%
67	2	14	0.1429	20.00%	35.00%	2.8	4.9	71%	41%
68	1	10	0.1000	20.00%	35.00%	2.0	3.5	50%	29%
69	0	6	0.0000	20.00%	35.00%	1.2	2.1	0%	0%
70	0	5	0.0000	100.00%	100.00%	5.0	5.0	0%	0%
Subtotal	1,048	8,250				1,359.5	1,084.5	77%	97%
Other	2	14	0.1429	100.00%	100.00%	14.0	14.0	14%	14%
Total	1,050	8,264				1,373.5	1,098.5	76%	96%

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

TABLE 6C

				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	2	0.0000	20.00%	20.00%	0.4	0.4	0%	0%
41	0	7	0.0000	20.00%	20.00%	1.4	1.4	0%	0%
42	0	13	0.0000	20.00%	20.00%	2.6	2.6	0%	0%
43	1	21	0.0476	20.00%	20.00%	4.2	4.2	24%	24%
44	0	30	0.0000	20.00%	20.00%	6.0	6.0	0%	0%
45	0	43	0.0000	20.00%	20.00%	8.6	8.6	0%	0%
46	1	57	0.0175	20.00%	20.00%	11.4	11.4	9%	9%
47	4	71	0.0563	20.00%	20.00%	14.2	14.2	28%	28%
48	4	69	0.0580	20.00%	20.00%	13.8	13.8	29%	29%
49	15	77	0.1948	20.00%	20.00%	15.4	15.4	97%	97%
50	19	80	0.2375	20.00%	20.00%	16.0	16.0	119%	119%
51	24	79	0.3038	20.00%	20.00%	15.8	15.8	152%	152%
52	20	60	0.3333	20.00%	20.00%	12.0	12.0	167%	167%
53	13	52	0.2500	20.00%	20.00%	10.4	10.4	125%	125%
54	17	59	0.2881	20.00%	20.00%	11.8	11.8	144%	144%
55	10	53	0.1887	20.00%	20.00%	10.6	10.6	94%	94%
56	17	45	0.3778	20.00%	20.00%	9.0	9.0	189%	189%
57	22	57	0.3860	20.00%	20.00%	11.4	11.4	193%	193%
58	11	45	0.2444	20.00%	20.00%	9.0	9.0	122%	122%
59	9	40	0.2250	20.00%	20.00%	8.0	8.0	113%	113%
60	16	41	0.3902	20.00%	20.00%	8.2	8.2	195%	195%
61	5	35	0.1429	30.00%	30.00%	10.5	10.5	48%	48%
62	12	36	0.3333	40.00%	40.00%	14.4	14.4	83%	83%
63	6	27	0.2222	30.00%	30.00%	8.1	8.1	74%	74%
64	8	30	0.2667	30.00%	30.00%	9.0	9.0	89%	89%
65	5	26	0.1923	40.00%	40.00%	10.4	10.4	48%	48%
66	7	25	0.2800	30.00%	30.00%	7.5	7.5	93%	93%
67	2	18	0.1111	30.00%	30.00%	5.4	5.4	37%	37%
68	9	16	0.5625	30.00%	30.00%	4.8	4.8	188%	188%
69	2	6	0.3333	30.00%	30.00%	1.8	1.8	111%	111%
70	2	4	0.5000	100.00%	100.00%	4.0	4.0	50%	50%
Subtotal	261	1,224				276.1	276.1	95%	95%
Other	3	16	0.1875	100.00%	100.00%	16.0	16.0	19%	19%
Total	264	1,240				292.1	292.1	90%	90%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1,471	447	527.6	85%	30.39%	35.87%
2005	1,602	319	637.6	50%	19.91%	39.80%
2006	1,533	385	518.5	74%	25.11%	33.83%
2007	1,595	325	640.9	51%	20.38%	40.18%
2008	1,420	255	468.1	54%	17.96%	32.96%
2009	1,627	170	648.1	26%	10.45%	39.84%
2010	1,967	303	747.5	41%	15.40%	38.00%
2011	1,675	273	474.9	57%	16.30%	28.35%
2012	1,410	235	410.4	57%	16.67%	29.11%
2013	1,600	148	629.6	24%	9.25%	39.35%
Total	15,900	2,860	5,703.2	50%	17.99%	35.87%

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

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

TABLE 7A

				4-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	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	0	17	0.0000	2.00%	2.00%	0.3	0.3	0%	0%
56	0	22	0.0000	2.00%	2.00%	0.4	0.4	0%	0%
57	0	20	0.0000	2.00%	2.00%	0.4	0.4	0%	0%
58	2	24	0.0833	2.00%	2.00%	0.5	0.5	417%	417%
59	0	17	0.0000	3.00%	3.00%	0.5	0.5	0%	0%
60	0	11	0.0000	4.00%	4.00%	0.4	0.4	0%	0%
61	1	12	0.0833	5.00%	5.00%	0.6	0.6	167%	167%
62	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
63	0	0	N/A	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	3	123				3.2	3.2	93%	93%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	3	123				3.2	3.2	93%	93%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	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	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	0	52	0.0000	2.00%	2.00%	1.0	1.0	0%	0%
56	1	48	0.0208	2.00%	2.00%	1.0	1.0	104%	104%
57	0	42	0.0000	2.00%	2.00%	0.8	0.8	0%	0%
58	2	44	0.0455	2.00%	2.00%	0.9	0.9	227%	227%
59	1	32	0.0313	3.00%	3.00%	1.0	1.0	104%	104%
60	0	25	0.0000	4.00%	4.00%	1.0	1.0	0%	0%
61	1	25	0.0400	5.00%	5.00%	1.3	1.3	80%	80%
62	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
63	0	0	N/A	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	5	268				6.9	6.9	72%	72%
Other	0	0	N/A	0.00%	0.00%	0.0	0.0	0%	0%
Total	5	268				6.9	6.9	72%	72%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	21	1	0.6	182%	4.76%	2.62%
2005	19	0	0.5	0%	0.00%	2.47%
2006	26	0	0.7	0%	0.00%	2.69%
2007	25	1	0.7	152%	4.00%	2.64%
2008	26	0	0.7	0%	0.00%	2.58%
2009	28	0	0.7	0%	0.00%	2.39%
2010	39	0	1.0	0%	0.00%	2.46%
2011	29	0	0.7	0%	0.00%	2.45%
2012	30	1	0.8	120%	3.33%	2.77%
2013	25	2	0.7	286%	8.00%	2.80%
Total	268	5	6.9	72%	1.87%	2.58%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.00000	0.050%	0.050%	0.0	0.0	0%	0%
22	0	4	0.00000	0.050%	0.050%	0.0	0.0	0%	0%
23	0	35	0.00000	0.050%	0.050%	0.0	0.0	0%	0%
24	0	101	0.00000	0.050%	0.050%	0.1	0.1	0%	0%
25	0	192	0.00000	0.040%	0.040%	0.1	0.1	0%	0%
26	0	321	0.00000	0.050%	0.050%	0.2	0.2	0%	0%
27	0	445	0.00000	0.050%	0.050%	0.2	0.2	0%	0%
28	0	517	0.00000	0.050%	0.050%	0.3	0.3	0%	0%
29	0	608	0.00000	0.050%	0.050%	0.3	0.3	0%	0%
30	0	683	0.00000	0.050%	0.050%	0.3	0.3	0%	0%
31	0	735	0.00000	0.050%	0.050%	0.4	0.4	0%	0%
32	0	840	0.00000	0.050%	0.050%	0.4	0.4	0%	0%
33	2	923	0.00217	0.050%	0.050%	0.5	0.5	437%	437%
34	1	952	0.00105	0.050%	0.050%	0.5	0.5	212%	212%
35	0	955	0.00000	0.049%	0.049%	0.5	0.5	0%	0%
36	0	946	0.00000	0.059%	0.059%	0.6	0.6	0%	0%
37	0	936	0.00000	0.069%	0.069%	0.6	0.6	0%	0%
38	1	1,000	0.00100	0.079%	0.079%	0.8	0.8	126%	126%
39	1	1,044	0.00096	0.089%	0.089%	0.9	0.9	107%	107%
40	1	1,090	0.00092	0.099%	0.099%	1.1	1.1	93%	93%
41	1	1,079	0.00093	0.109%	0.109%	1.2	1.2	85%	85%
42	0	1,046	0.00000	0.119%	0.119%	1.2	1.2	0%	0%
43	2	999	0.00200	0.129%	0.129%	1.3	1.3	156%	156%
44	1	980	0.00102	0.138%	0.138%	1.4	1.4	74%	74%
45	1	1,065	0.00094	0.149%	0.149%	1.6	1.6	63%	63%
46	1	1,054	0.00095	0.158%	0.158%	1.7	1.7	60%	60%
47	0	1,067	0.00000	0.168%	0.168%	1.8	1.8	0%	0%
48	1	1,028	0.00097	0.178%	0.178%	1.8	1.8	55%	55%
49	1	946	0.00106	0.188%	0.188%	1.8	1.8	56%	56%
50	0	883	0.00000	0.197%	0.197%	1.7	1.7	0%	0%
51	0	772	0.00000	0.207%	0.207%	1.6	1.6	0%	0%
52	3	674	0.00445	0.217%	0.217%	1.5	1.5	205%	205%
53	2	590	0.00339	0.227%	0.227%	1.3	1.3	149%	149%
54	1	541	0.00185	0.237%	0.237%	1.3	1.3	78%	78%
55	1	542	0.00185	0.247%	0.247%	1.3	1.3	75%	75%
56	0	544	0.00000	0.257%	0.257%	1.4	1.4	0%	0%
57	0	511	0.00000	0.268%	0.268%	1.4	1.4	0%	0%
58	3	455	0.00659	0.278%	0.278%	1.3	1.3	237%	237%
59	1	382	0.00262	0.288%	0.288%	1.1	1.1	91%	91%
60	0	293	0.00000	0.298%	0.298%	0.9	0.9	0%	0%
61	0	226	0.00000	0.317%	0.317%	0.7	0.7	0%	0%
62	0	187	0.00000	0.338%	0.338%	0.6	0.6	0%	0%
63	0	140	0.00000	0.358%	0.358%	0.5	0.5	0%	0%
64	1	95	0.01053	0.379%	0.379%	0.4	0.4	278%	278%
65	0	2	0.00000	0.400%	0.400%	0.0	0.0	0%	0%
66	0	0	N/A	0.000%	0.000%	0	0	0%	0%
67	0	0	N/A	0.000%	0.000%	0	0	0%	0%
68	0	0	N/A	0.000%	0.000%	0	0	0%	0%
69	0	0	N/A	0.000%	0.000%	0	0	0%	0%
70	0	0	N/A	0.000%	0.000%	0	0	0%	0%
71	0	0	N/A	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	26	28,430				38.3	38.3	68%	68%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Proposed	Expected	Proposed	Expected	Proposed
				(7) / (3)	(8) / (3)			(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	142	0.00000	0.050%	0.050%	0.1	0.1	0%	0%
25-29	0	2,083	0.00000	0.049%	0.049%	1.0	1.0	0%	0%
30-34	3	4,133	0.00073	0.050%	0.050%	2.0	2.0	146%	146%
35-39	2	4,881	0.00041	0.070%	0.070%	3.4	3.4	59%	59%
40-44	5	5,194	0.00096	0.118%	0.118%	6.1	6.1	81%	81%
45-49	4	5,160	0.00078	0.168%	0.168%	8.7	8.7	46%	46%
50-54	6	3,460	0.00173	0.214%	0.214%	7.4	7.4	81%	81%
55-59	5	2,434	0.00205	0.266%	0.266%	6.5	6.5	77%	77%
60-64	1	941	0.00106	0.328%	0.328%	3.1	3.1	32%	32%
65-69	0	2	0.00000	0.400%	0.400%	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	26	28,430				38.3	38.3	68%	68%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	28	0.00000	0.050%	0.050%	0.0	0.0	0%	0%
21	0	74	0.00000	0.050%	0.050%	0.0	0.0	0%	0%
22	0	167	0.00000	0.050%	0.050%	0.1	0.1	0%	0%
23	0	327	0.00000	0.050%	0.050%	0.2	0.2	0%	0%
24	0	520	0.00000	0.050%	0.050%	0.3	0.3	0%	0%
25	0	737	0.00000	0.040%	0.040%	0.3	0.3	0%	0%
26	1	974	0.00103	0.050%	0.050%	0.5	0.5	207%	207%
27	0	1,220	0.00000	0.050%	0.050%	0.6	0.6	0%	0%
28	0	1,400	0.00000	0.050%	0.050%	0.7	0.7	0%	0%
29	1	1,564	0.00064	0.050%	0.050%	0.8	0.8	129%	129%
30	0	1,705	0.00000	0.050%	0.050%	0.8	0.8	0%	0%
31	0	1,857	0.00000	0.050%	0.050%	0.9	0.9	0%	0%
32	0	2,040	0.00000	0.049%	0.049%	1.0	1.0	0%	0%
33	4	2,177	0.00184	0.050%	0.050%	1.1	1.1	371%	371%
34	2	2,269	0.00088	0.050%	0.050%	1.1	1.1	178%	178%
35	1	2,324	0.00043	0.049%	0.049%	1.2	1.2	87%	87%
36	0	2,345	0.00000	0.059%	0.059%	1.4	1.4	0%	0%
37	0	2,375	0.00000	0.069%	0.069%	1.6	1.6	0%	0%
38	2	2,492	0.00080	0.079%	0.079%	2.0	2.0	101%	101%
39	1	2,626	0.00038	0.089%	0.089%	2.3	2.3	43%	43%
40	3	2,732	0.00110	0.099%	0.099%	2.7	2.7	111%	111%
41	4	2,813	0.00142	0.109%	0.109%	3.1	3.1	131%	131%
42	1	2,810	0.00036	0.119%	0.119%	3.3	3.3	30%	30%
43	5	2,779	0.00180	0.129%	0.129%	3.6	3.6	140%	140%
44	3	2,690	0.00112	0.138%	0.138%	3.7	3.7	81%	81%
45	2	2,616	0.00076	0.148%	0.148%	3.9	3.9	52%	52%
46	3	2,531	0.00119	0.158%	0.158%	4.0	4.0	75%	75%
47	1	2,453	0.00041	0.168%	0.168%	4.1	4.1	24%	24%
48	3	2,418	0.00124	0.178%	0.178%	4.3	4.3	70%	70%
49	2	2,426	0.00082	0.188%	0.188%	4.6	4.6	44%	44%
50	5	2,382	0.00210	0.198%	0.198%	4.7	4.7	106%	106%
51	7	2,270	0.00308	0.208%	0.208%	4.7	4.7	148%	148%
52	11	2,098	0.00524	0.218%	0.218%	4.6	4.6	241%	241%
53	5	1,902	0.00263	0.228%	0.228%	4.3	4.3	115%	115%
54	4	1,712	0.00234	0.238%	0.238%	4.1	4.1	98%	98%
55	9	1,555	0.00579	0.248%	0.248%	3.9	3.9	233%	233%
56	5	1,381	0.00362	0.258%	0.258%	3.6	3.6	140%	140%
57	3	1,227	0.00244	0.268%	0.268%	3.3	3.3	91%	91%
58	7	1,037	0.00675	0.278%	0.278%	2.9	2.9	242%	242%
59	5	844	0.00592	0.288%	0.288%	2.4	2.4	206%	206%
60	2	656	0.00305	0.298%	0.298%	2.0	2.0	102%	102%
61	1	497	0.00201	0.318%	0.318%	1.6	1.6	63%	63%
62	5	400	0.01250	0.338%	0.338%	1.4	1.4	370%	370%
63	0	266	0.00000	0.357%	0.357%	0.9	0.9	0%	0%
64	3	179	0.01676	0.378%	0.378%	0.7	0.7	444%	444%
65	1	10	0.10000	0.400%	0.400%	0.0	0.0	2500%	2500%
66	0	8	0.00000	0.420%	0.420%	0.0	0.0	0%	0%
67	0	6	0.00000	0.480%	0.480%	0.0	0.0	0%	0%
68	0	6	0.00000	0.520%	0.520%	0.0	0.0	0%	0%
69	0	3	0.00000	0.560%	0.560%	0.0	0.0	0%	0%
70	0	0	N/A	0.000%	0.000%	0	0	0%	0%
71	0	0	N/A	0.000%	0.000%	0	0	0%	0%
72	1	0	N/A	0.000%	0.000%	0	0	0%	0%
73	1	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	3	0.00000	0.000%	0.000%	0	0	0%	0%
Total	114	73,931				99.2	99.2	115%	115%

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

TABLE 8C 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)
				(5)	(6)			(9)	(10)
20-24	0	1,116	0.00000	0.050%	0.050%	0.6	0.6	0%	0%
25-29	2	5,895	0.00034	0.048%	0.048%	2.9	2.9	70%	70%
30-34	6	10,048	0.00060	0.050%	0.050%	5.0	5.0	121%	121%
35-39	4	12,162	0.00033	0.070%	0.070%	8.5	8.5	47%	47%
40-44	16	13,824	0.00116	0.119%	0.119%	16.4	16.4	98%	98%
45-49	11	12,444	0.00088	0.168%	0.168%	20.9	20.9	53%	53%
50-54	32	10,364	0.00309	0.216%	0.216%	22.4	22.4	143%	143%
55-59	29	6,044	0.00480	0.265%	0.265%	16.0	16.0	181%	181%
60-64	11	1,998	0.00551	0.326%	0.326%	6.5	6.5	169%	169%
65-69	1	33	0.03030	0.456%	0.456%	0.2	0.2	665%	665%
70-74	2	0	N/A			0	0	0%	0%
Other	0	3	0.00000	0.000%	0.000%	0	0	0%	0%
Total	114	73,931				99.2	99.2	115%	115%

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

Plan Year Ending June 30, (1)	TABLE 8D		10-YEAR PERIOD ENDING 6/30/2013			
	Life Years Exposed (2)	Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	7,502	28	10.6	264%	0.373%	0.141%
2005	7,329	13	10.2	128%	0.177%	0.139%
2006	7,577	12	10.2	117%	0.158%	0.135%
2007	7,717	9	10.0	90%	0.117%	0.130%
2008	7,720	10	9.9	101%	0.130%	0.128%
2009	7,656	16	9.8	163%	0.209%	0.128%
2010	7,548	7	9.9	71%	0.093%	0.131%
2011	7,142	8	9.6	83%	0.112%	0.134%
2012	6,853	8	9.3	86%	0.117%	0.136%
2013	6,887	3	9.3	32%	0.044%	0.136%
Total	73,931	114	98.8	115%	0.154%	0.134%

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
22	0	3	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
23	0	33	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
24	0	97	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25	0	187	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
26	0	314	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
27	0	437	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
28	0	512	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
29	0	601	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
30	0	676	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
31	0	725	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
32	0	833	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
33	0	916	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
34	0	948	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
35	0	952	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
36	0	942	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
37	0	932	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
38	0	994	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
39	0	1,042	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
40	0	1,087	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
41	0	1,077	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
42	1	1,044	0.00096	0.010%	0.010%	0.1	0.1	958%	958%
43	0	999	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
44	0	980	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
45	0	1,065	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
46	0	1,053	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
47	1	1,065	0.00094	0.010%	0.010%	0.1	0.1	939%	939%
48	0	1,027	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
49	0	944	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
50	0	882	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
51	0	771	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
52	0	674	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
53	0	590	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
54	0	541	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
55	0	542	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
56	0	544	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
57	0	511	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
58	0	455	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
59	0	382	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
60	0	293	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
61	0	226	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
62	0	187	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
63	0	140	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
64	0	95	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65	0	2	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
66	0	0	N/A	0.010%	0.010%	0	0	0%	0%
67	0	0	N/A	0.010%	0.010%	0	0	0%	0%
68	0	0	N/A	0.010%	0.010%	0	0	0%	0%
69	0	0	N/A	0.010%	0.010%	0	0	0%	0%
70	0	0	N/A	0.000%	0.000%	0	0	0%	0%
71	0	0	N/A	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	2	28,321				2.8	2.8	71%	71%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	134	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25-29	0	2,051	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
30-34	0	4,098	0.00000	0.010%	0.010%	0.4	0.4	0%	0%
35-39	0	4,862	0.00000	0.010%	0.010%	0.5	0.5	0%	0%
40-44	1	5,187	0.00019	0.010%	0.010%	0.5	0.5	193%	193%
45-49	1	5,154	0.00019	0.010%	0.010%	0.5	0.5	194%	194%
50-54	0	3,458	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
55-59	0	2,434	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
60-64	0	941	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
65-69	0	2	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	2	28,321				2.8	2.8	71%	71%

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

TABLE 9A				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	27	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
21	0	71	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
22	0	151	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
23	0	306	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
24	0	491	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
25	0	701	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
26	0	938	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
27	0	1,180	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
28	0	1,361	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
29	0	1,524	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
30	0	1,663	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
31	0	1,815	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
32	0	2,007	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
33	0	2,145	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
34	0	2,239	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
35	0	2,299	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
36	0	2,318	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
37	1	2,355	0.00042	0.010%	0.010%	0.2	0.2	425%	425%
38	0	2,471	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
39	0	2,609	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
40	1	2,711	0.00037	0.010%	0.010%	0.3	0.3	369%	369%
41	0	2,797	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
42	2	2,795	0.00072	0.010%	0.010%	0.3	0.3	716%	716%
43	0	2,770	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
44	0	2,682	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
45	0	2,609	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
46	0	2,522	0.00000	0.010%	0.010%	0.3	0.3	0%	0%
47	1	2,443	0.00041	0.010%	0.010%	0.2	0.2	409%	409%
48	0	2,413	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
49	0	2,423	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
50	0	2,379	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
51	0	2,267	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
52	0	2,098	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
53	0	1,902	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
54	0	1,712	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
55	0	1,555	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
56	1	1,381	0.00072	0.010%	0.010%	0.1	0.1	724%	724%
57	0	1,227	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
58	0	1,037	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
59	0	844	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
60	0	656	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
61	0	497	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
62	0	400	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
63	0	266	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
64	0	179	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
65	0	10	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
66	0	8	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	0.000%	0.000%	0	0	0%	0%
71	0	0	N/A	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	3			0.000%	0	0	0%	0%
Total	6	73,272				7.3	7.3	82%	82%

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

TABLE 9A GROUPED				10-YEAR PERIOD ENDING 6/30/2013					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Expected (7) / (3) (5)	Proposed (8) / (3) (6)	Expected (7) (7)	Proposed (8) (8)	Expected (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	1,046	0.00000	0.010%	0.010%	0.1	0.1	0%	0%
25-29	0	5,704	0.00000	0.010%	0.010%	0.6	0.6	0%	0%
30-34	0	9,869	0.00000	0.010%	0.010%	1.0	1.0	0%	0%
35-39	1	12,052	0.00008	0.010%	0.010%	1.2	1.2	83%	83%
40-44	3	13,755	0.00022	0.010%	0.010%	1.4	1.4	218%	218%
45-49	1	12,410	0.00008	0.010%	0.010%	1.2	1.2	81%	81%
50-54	0	10,358	0.00000	0.010%	0.010%	1.0	1.0	0%	0%
55-59	1	6,044	0.00017	0.010%	0.010%	0.6	0.6	165%	165%
60-64	0	1,998	0.00000	0.010%	0.010%	0.2	0.2	0%	0%
65-69	0	33	0.00000	0.010%	0.010%	0.0	0.0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	3	0.00000	0.000%	0.000%	0	0	0%	0%
Total	6	73,272				7.3	7.3	82%	82%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	7,371	1	0.7	138%	0.014%	0.010%
2005	7,201	1	0.7	142%	0.014%	0.010%
2006	7,466	2	0.7	273%	0.027%	0.010%
2007	7,634	0	0.7	0%	0.000%	0.010%
2008	7,652	0	0.8	0%	0.000%	0.010%
2009	7,627	0	0.7	0%	0.000%	0.010%
2010	7,518	2	0.7	273%	0.027%	0.010%
2011	7,112	0	0.7	0%	0.000%	0.010%
2012	6,827	0	0.7	0%	0.000%	0.010%
2013	6,864	0	0.7	0%	0.000%	0.010%
Total	73,272	6	7.2	84%	0.008%	0.010%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.0000	0.16%	0.12%	0.0	0.0	0%	0%
29	0	18	0.0000	0.18%	0.14%	0.0	0.0	0%	0%
30	0	51	0.0000	0.20%	0.15%	0.1	0.1	0%	0%
31	0	109	0.0000	0.22%	0.17%	0.2	0.2	0%	0%
32	0	152	0.0000	0.24%	0.18%	0.4	0.3	0%	0%
33	0	196	0.0000	0.26%	0.20%	0.5	0.4	0%	0%
34	0	202	0.0000	0.28%	0.21%	0.6	0.4	0%	0%
35	1	241	0.0041	0.30%	0.23%	0.7	0.5	138%	184%
36	0	326	0.0000	0.32%	0.24%	1.0	0.8	0%	0%
37	0	434	0.0000	0.34%	0.26%	1.5	1.1	0%	0%
38	1	532	0.0019	0.36%	0.27%	1.9	1.4	52%	70%
39	2	559	0.0036	0.38%	0.29%	2.1	1.6	94%	126%
40	1	577	0.0017	0.40%	0.30%	2.3	1.7	43%	58%
41	1	588	0.0017	0.42%	0.32%	2.5	1.9	40%	54%
42	1	660	0.0015	0.44%	0.33%	2.9	2.2	34%	46%
43	4	756	0.0053	0.46%	0.35%	3.5	2.6	115%	153%
44	4	836	0.0048	0.48%	0.36%	4.0	3.0	100%	133%
45	0	931	0.0000	0.50%	0.38%	4.7	3.5	0%	0%
46	5	929	0.0054	0.52%	0.39%	4.8	3.6	104%	138%
47	4	877	0.0046	0.54%	0.41%	4.7	3.6	84%	113%
48	2	821	0.0024	0.56%	0.42%	4.6	3.4	44%	58%
49	5	750	0.0067	0.58%	0.44%	4.4	3.3	115%	153%
50	2	685	0.0029	0.60%	0.45%	4.1	3.1	49%	65%
51	0	611	0.0000	0.62%	0.47%	3.8	2.8	0%	0%
52	1	552	0.0018	0.64%	0.48%	3.5	2.6	28%	38%
53	3	608	0.0049	0.66%	0.50%	4.0	3.0	75%	100%
54	1	614	0.0016	0.68%	0.51%	4.2	3.1	24%	32%
55	4	615	0.0065	0.70%	0.53%	4.3	3.2	93%	124%
56	2	571	0.0035	0.72%	0.54%	4.1	3.1	49%	65%
57	1	488	0.0020	0.74%	0.56%	3.6	2.7	28%	37%
58	1	386	0.0026	0.76%	0.57%	2.9	2.2	34%	45%
59	2	319	0.0063	0.78%	0.59%	2.5	1.9	80%	107%
60	2	257	0.0078	0.80%	0.60%	2.1	1.5	97%	130%
61	2	217	0.0092	0.82%	0.62%	1.8	1.3	112%	150%
62	0	186	0.0000	0.84%	0.63%	1.6	1.2	0%	0%
63	2	108	0.0185	0.86%	0.65%	0.9	0.7	215%	287%
64	0	77	0.0000	0.88%	0.66%	0.7	0.5	0%	0%
65	2	2	1.0000	0.90%	0.68%	0.0	0.0	11111%	14815%
66	0	0	N/A	0.00%	0.00%	0	0	0%	0%
67	0	0	N/A	0.00%	0.00%	0	0	0%	0%
68	0	2	0.0000	0.96%	0.72%	0.0	0.0	0%	0%
69	1	3	0.3333	0.98%	0.74%	0.0	0.0	3401%	4535%
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	57	16,848				91.6	68.7	62%	83%

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

TABLE 10C 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	20	0.0000	0.18%	0.13%	0.0	0.0	0%	0%
30-34	0	710	0.0000	0.25%	0.19%	1.8	1.3	0%	0%
35-39	4	2,092	0.0019	0.35%	0.26%	7.3	5.5	55%	73%
40-44	11	3,417	0.0032	0.44%	0.33%	15.2	11.4	73%	97%
45-49	16	4,308	0.0037	0.54%	0.40%	23.2	17.4	69%	92%
50-54	7	3,070	0.0023	0.64%	0.48%	19.6	14.7	36%	48%
55-59	10	2,379	0.0042	0.73%	0.55%	17.4	13.1	57%	76%
60-64	6	845	0.0071	0.83%	0.62%	7.0	5.3	86%	114%
65-69	3	7	0.4286	0.95%	0.71%	0.1	0.0	4505%	6006%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	57	16,848				91.6	68.7	62%	83%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.0000	0.16%	0.12%	0.0	0.0	0%	0%
29	0	23	0.0000	0.18%	0.14%	0.0	0.0	0%	0%
30	0	59	0.0000	0.20%	0.15%	0.1	0.1	0%	0%
31	0	136	0.0000	0.22%	0.17%	0.3	0.2	0%	0%
32	1	226	0.0044	0.24%	0.18%	0.5	0.4	184%	246%
33	1	337	0.0030	0.26%	0.20%	0.9	0.7	114%	152%
34	0	410	0.0000	0.28%	0.21%	1.1	0.9	0%	0%
35	2	500	0.0040	0.30%	0.23%	1.5	1.1	133%	178%
36	3	613	0.0049	0.32%	0.24%	2.0	1.5	153%	204%
37	0	774	0.0000	0.34%	0.26%	2.6	2.0	0%	0%
38	3	952	0.0032	0.36%	0.27%	3.4	2.6	88%	117%
39	2	1,131	0.0018	0.38%	0.29%	4.3	3.2	47%	62%
40	1	1,275	0.0008	0.40%	0.30%	5.1	3.8	20%	26%
41	5	1,382	0.0036	0.42%	0.32%	5.8	4.4	86%	115%
42	3	1,497	0.0020	0.44%	0.33%	6.6	4.9	46%	61%
43	6	1,599	0.0038	0.46%	0.35%	7.4	5.5	82%	109%
44	4	1,642	0.0024	0.48%	0.36%	7.9	5.9	51%	68%
45	3	1,690	0.0018	0.50%	0.38%	8.5	6.3	36%	47%
46	8	1,657	0.0048	0.52%	0.39%	8.6	6.5	93%	124%
47	6	1,580	0.0038	0.54%	0.41%	8.5	6.4	70%	94%
48	6	1,603	0.0037	0.56%	0.42%	9.0	6.7	67%	89%
49	6	1,709	0.0035	0.58%	0.44%	9.9	7.4	61%	81%
50	6	1,726	0.0035	0.60%	0.45%	10.4	7.8	58%	77%
51	3	1,677	0.0018	0.62%	0.47%	10.4	7.8	29%	38%
52	7	1,581	0.0044	0.64%	0.48%	10.1	7.6	69%	92%
53	8	1,488	0.0054	0.66%	0.50%	9.8	7.4	81%	109%
54	2	1,358	0.0015	0.68%	0.51%	9.2	6.9	22%	29%
55	6	1,240	0.0048	0.70%	0.53%	8.7	6.5	69%	92%
56	6	1,101	0.0054	0.72%	0.54%	7.9	5.9	76%	101%
57	4	959	0.0042	0.74%	0.56%	7.1	5.3	56%	75%
58	4	766	0.0052	0.76%	0.57%	5.8	4.4	69%	92%
59	4	620	0.0065	0.78%	0.59%	4.8	3.6	83%	110%
60	4	482	0.0083	0.80%	0.60%	3.9	2.9	104%	138%
61	4	370	0.0108	0.82%	0.62%	3.0	2.3	132%	176%
62	0	302	0.0000	0.84%	0.63%	2.5	1.9	0%	0%
63	2	188	0.0106	0.86%	0.65%	1.6	1.2	124%	165%
64	0	132	0.0000	0.88%	0.66%	1.2	0.9	0%	0%
65	2	9	0.2222	0.90%	0.68%	0.1	0.1	2469%	3292%
66	0	8	0.0000	0.92%	0.69%	0.1	0.1	0%	0%
67	0	6	0.0000	0.94%	0.71%	0.1	0.0	0%	0%
68	0	6	0.0000	0.96%	0.72%	0.1	0.0	0%	0%
69	1	3	0.3333	0.98%	0.74%	0.0	0.0	3401%	4535%
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	123	34,819				190.9	143.1	64%	86%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	25	0.0000	0.18%	0.13%	0.0	0.0	0%	0%
30-34	2	1,168	0.0017	0.26%	0.19%	3.0	2.2	67%	89%
35-39	10	3,970	0.0025	0.35%	0.26%	13.8	10.4	72%	96%
40-44	19	7,395	0.0026	0.44%	0.33%	32.7	24.5	58%	77%
45-49	29	8,239	0.0035	0.54%	0.40%	44.5	33.4	65%	87%
50-54	26	7,830	0.0033	0.64%	0.48%	49.9	37.4	52%	69%
55-59	24	4,686	0.0051	0.73%	0.55%	34.4	25.8	70%	93%
60-64	10	1,474	0.0068	0.83%	0.62%	12.2	9.2	82%	109%
65-69	3	32	0.0938	0.93%	0.70%	0.3	0.2	1007%	1342%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	123	34,819				190.9	143.1	64%	86%

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

Plan Year Ending June 30, (1)	TABLE 10D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual	Expected
					(3) / (2) (6)	(4) / (2) (7)
2004	4,861	24	22.2	108%	0.49%	0.46%
2005	4,686	11	21.3	52%	0.23%	0.45%
2006	4,311	19	19.9	95%	0.44%	0.46%
2007	4,113	12	18.9	64%	0.29%	0.46%
2008	3,830	15	17.7	85%	0.39%	0.46%
2009	3,947	10	18.1	55%	0.25%	0.46%
2010	4,563	17	20.1	84%	0.37%	0.44%
2011	4,508	15	19.9	75%	0.33%	0.44%
2012	4,179	16	18.7	86%	0.38%	0.45%
2013	3,930	17	17.8	95%	0.43%	0.45%
Total	42,928	156	194.6	80%	0.36%	0.45%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
21	0	15	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
22	0	58	0.0000	0.10%	0.06%	0.1	0.0	0%	0%
23	0	139	0.0000	0.10%	0.06%	0.1	0.1	0%	0%
24	0	259	0.0000	0.10%	0.06%	0.3	0.2	0%	0%
25	0	388	0.0000	0.10%	0.06%	0.4	0.2	0%	0%
26	0	454	0.0000	0.11%	0.06%	0.5	0.3	0%	0%
27	0	535	0.0000	0.12%	0.06%	0.6	0.3	0%	0%
28	0	594	0.0000	0.13%	0.06%	0.8	0.4	0%	0%
29	0	661	0.0000	0.14%	0.06%	0.9	0.4	0%	0%
30	0	767	0.0000	0.15%	0.07%	1.2	0.5	0%	0%
31	2	852	0.0023	0.16%	0.08%	1.4	0.7	147%	292%
32	1	893	0.0011	0.17%	0.09%	1.5	0.8	66%	122%
33	1	920	0.0011	0.18%	0.11%	1.7	1.0	60%	103%
34	1	892	0.0011	0.19%	0.12%	1.7	1.1	59%	93%
35	1	881	0.0011	0.20%	0.14%	1.8	1.2	57%	82%
36	4	950	0.0042	0.21%	0.16%	2.0	1.5	201%	265%
37	2	1,011	0.0020	0.22%	0.18%	2.2	1.8	90%	109%
38	4	1,050	0.0038	0.23%	0.21%	2.4	2.2	166%	185%
39	2	1,042	0.0019	0.24%	0.23%	2.5	2.4	80%	82%
40	4	1,012	0.0040	0.25%	0.26%	2.5	2.6	158%	151%
41	3	998	0.0030	0.26%	0.29%	2.6	2.9	116%	103%
42	4	999	0.0040	0.27%	0.33%	2.7	3.3	148%	123%
43	8	1,088	0.0074	0.28%	0.36%	3.0	3.9	263%	203%
44	5	1,117	0.0045	0.29%	0.40%	3.2	4.5	154%	112%
45	4	1,145	0.0035	0.30%	0.44%	3.4	5.0	116%	79%
46	8	1,116	0.0072	0.34%	0.48%	3.8	5.4	211%	148%
47	9	1,016	0.0089	0.38%	0.53%	3.9	5.4	233%	168%
48	6	942	0.0064	0.42%	0.58%	4.0	5.4	152%	111%
49	4	854	0.0047	0.46%	0.62%	3.9	5.3	102%	75%
50	6	766	0.0078	0.50%	0.68%	3.8	5.2	157%	116%
51	7	677	0.0103	0.56%	0.73%	3.8	4.9	185%	142%
52	7	605	0.0116	0.62%	0.79%	3.8	4.8	187%	147%
53	4	646	0.0062	0.68%	0.84%	4.4	5.5	91%	73%
54	5	652	0.0077	0.74%	0.90%	4.8	5.9	104%	85%
55	2	641	0.0031	0.80%	0.97%	5.1	6.2	39%	32%
56	9	582	0.0155	0.88%	1.03%	5.1	6.0	176%	150%
57	8	495	0.0162	0.96%	1.10%	4.8	5.4	168%	147%
58	12	398	0.0302	1.04%	1.17%	4.1	4.7	290%	258%
59	5	331	0.0151	1.12%	1.24%	3.7	4.1	135%	122%
60	3	267	0.0112	1.20%	1.31%	3.2	3.5	94%	85%
61	5	223	0.0224	1.30%	1.36%	2.9	3.0	172%	165%
62	2	185	0.0108	1.40%	1.44%	2.6	2.7	77%	75%
63	1	106	0.0094	1.50%	1.52%	1.6	1.6	63%	62%
64	1	77	0.0130	1.60%	1.60%	1.2	1.2	81%	81%
65	0	2	0.0000	1.70%	1.68%	0.0	0.0	0%	0%
66	0	0	N/A	1.82%	1.76%	0	0	0%	0%
67	0	0	N/A	1.94%	1.84%	0	0	0%	0%
68	1	2	0.5000	2.06%	1.92%	0.0	0.0	2427%	2604%
69	0	3	0.0000	2.18%	2.00%	0.1	0.1	0%	0%
70	0	0	N/A	0.00%	2.00%	0	0	0%	0%
71	0	0	N/A	0.00%	2.00%	0	0	0%	0%
72	0	0	N/A	0.00%	2.00%	0	0	0%	0%
73	0	0	N/A	0.00%	2.00%	0	0	0%	0%
74	0	0	N/A	0.00%	2.00%	0	0	0%	0%
Other	1	1	1.0000	0.00%	2.00%	0	0.0	0%	5000%
Total	152	29,309				110.2	123.8	138%	123%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	0.10%	0.12%	0	0	0%	0%
21	0	0	N/A	0.10%	0.12%	0	0	0%	0%
22	0	0	N/A	0.10%	0.12%	0	0	0%	0%
23	0	1	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
24	0	2	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
25	0	5	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
26	0	5	0.0000	0.11%	0.13%	0.0	0.0	0%	0%
27	0	7	0.0000	0.12%	0.14%	0.0	0.0	0%	0%
28	0	10	0.0000	0.13%	0.16%	0.0	0.0	0%	0%
29	0	13	0.0000	0.14%	0.17%	0.0	0.0	0%	0%
30	0	16	0.0000	0.15%	0.18%	0.0	0.0	0%	0%
31	0	19	0.0000	0.16%	0.19%	0.0	0.0	0%	0%
32	0	19	0.0000	0.17%	0.20%	0.0	0.0	0%	0%
33	0	21	0.0000	0.18%	0.22%	0.0	0.0	0%	0%
34	0	23	0.0000	0.19%	0.23%	0.0	0.1	0%	0%
35	0	27	0.0000	0.20%	0.24%	0.1	0.1	0%	0%
36	0	26	0.0000	0.21%	0.25%	0.1	0.1	0%	0%
37	0	25	0.0000	0.22%	0.26%	0.1	0.1	0%	0%
38	0	30	0.0000	0.23%	0.28%	0.1	0.1	0%	0%
39	0	29	0.0000	0.24%	0.29%	0.1	0.1	0%	0%
40	0	27	0.0000	0.25%	0.30%	0.1	0.1	0%	0%
41	0	25	0.0000	0.26%	0.31%	0.1	0.1	0%	0%
42	0	29	0.0000	0.27%	0.32%	0.1	0.1	0%	0%
43	0	27	0.0000	0.28%	0.34%	0.1	0.1	0%	0%
44	0	26	0.0000	0.29%	0.35%	0.1	0.1	0%	0%
45	0	34	0.0000	0.30%	0.36%	0.1	0.1	0%	0%
46	1	28	0.0357	0.34%	0.41%	0.1	0.1	1050%	875%
47	0	32	0.0000	0.38%	0.46%	0.1	0.1	0%	0%
48	1	34	0.0294	0.42%	0.50%	0.1	0.2	700%	584%
49	0	30	0.0000	0.46%	0.55%	0.1	0.2	0%	0%
50	0	30	0.0000	0.50%	0.60%	0.2	0.2	0%	0%
51	0	27	0.0000	0.56%	0.67%	0.2	0.2	0%	0%
52	0	21	0.0000	0.62%	0.74%	0.1	0.2	0%	0%
53	0	20	0.0000	0.68%	0.82%	0.1	0.2	0%	0%
54	0	17	0.0000	0.74%	0.89%	0.1	0.2	0%	0%
55	0	16	0.0000	0.80%	0.96%	0.1	0.2	0%	0%
56	1	16	0.0625	0.88%	1.06%	0.1	0.2	710%	592%
57	0	12	0.0000	0.96%	1.15%	0.1	0.1	0%	0%
58	0	7	0.0000	1.04%	1.25%	0.1	0.1	0%	0%
59	0	6	0.0000	1.12%	1.34%	0.1	0.1	0%	0%
60	0	5	0.0000	1.20%	1.44%	0.1	0.1	0%	0%
61	0	2	0.0000	1.30%	1.56%	0.0	0.0	0%	0%
62	1	3	0.3333	1.40%	1.68%	0.0	0.1	2381%	1984%
63	0	3	0.0000	1.50%	1.80%	0.0	0.1	0%	0%
64	0	2	0.0000	1.60%	1.92%	0.0	0.0	0%	0%
65	0	0	N/A	1.70%	2.04%	0	0	0%	0%
66	0	0	N/A	1.82%	2.18%	0	0	0%	0%
67	0	0	N/A	1.94%	2.33%	0	0	0%	0%
68	0	0	N/A	2.06%	2.47%	0	0	0%	0%
69	0	0	N/A	2.18%	2.62%	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	757				2.9	3.5	138%	115%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	2	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
21	0	15	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
22	0	58	0.0000	0.10%	0.06%	0.1	0.0	0%	0%
23	0	140	0.0000	0.10%	0.06%	0.1	0.1	0%	0%
24	0	261	0.0000	0.10%	0.06%	0.3	0.2	0%	0%
25	0	393	0.0000	0.10%	0.06%	0.4	0.2	0%	0%
26	0	459	0.0000	0.11%	0.06%	0.5	0.3	0%	0%
27	0	542	0.0000	0.12%	0.06%	0.7	0.3	0%	0%
28	0	604	0.0000	0.13%	0.06%	0.8	0.4	0%	0%
29	0	674	0.0000	0.14%	0.07%	0.9	0.4	0%	0%
30	0	783	0.0000	0.15%	0.07%	1.2	0.6	0%	0%
31	2	871	0.0023	0.16%	0.08%	1.4	0.7	144%	277%
32	1	912	0.0011	0.17%	0.09%	1.6	0.9	64%	117%
33	1	941	0.0011	0.18%	0.11%	1.7	1.0	59%	99%
34	1	915	0.0011	0.19%	0.12%	1.7	1.1	58%	89%
35	1	908	0.0011	0.20%	0.14%	1.8	1.3	55%	78%
36	4	976	0.0041	0.21%	0.16%	2.0	1.6	195%	254%
37	2	1,036	0.0019	0.22%	0.18%	2.3	1.9	88%	105%
38	4	1,080	0.0037	0.23%	0.21%	2.5	2.2	161%	178%
39	2	1,071	0.0019	0.24%	0.23%	2.6	2.5	78%	80%
40	4	1,039	0.0038	0.25%	0.26%	2.6	2.7	154%	146%
41	3	1,023	0.0029	0.26%	0.29%	2.7	3.0	113%	100%
42	4	1,028	0.0039	0.27%	0.33%	2.8	3.4	144%	119%
43	8	1,115	0.0072	0.28%	0.36%	3.1	4.0	256%	198%
44	5	1,143	0.0044	0.29%	0.40%	3.3	4.6	151%	109%
45	4	1,179	0.0034	0.30%	0.44%	3.5	5.2	113%	77%
46	9	1,144	0.0079	0.34%	0.48%	3.9	5.5	231%	163%
47	9	1,048	0.0086	0.38%	0.53%	4.0	5.5	226%	163%
48	7	976	0.0072	0.42%	0.57%	4.1	5.6	171%	125%
49	4	884	0.0045	0.46%	0.62%	4.1	5.5	98%	73%
50	6	796	0.0075	0.50%	0.67%	4.0	5.4	151%	112%
51	7	704	0.0099	0.56%	0.73%	3.9	5.1	178%	137%
52	7	626	0.0112	0.62%	0.78%	3.9	4.9	180%	143%
53	4	666	0.0060	0.68%	0.84%	4.5	5.6	88%	71%
54	5	669	0.0075	0.74%	0.90%	5.0	6.0	101%	83%
55	2	657	0.0030	0.80%	0.97%	5.3	6.4	38%	31%
56	10	598	0.0167	0.88%	1.03%	5.3	6.2	190%	162%
57	8	507	0.0158	0.96%	1.10%	4.9	5.6	164%	143%
58	12	405	0.0296	1.04%	1.17%	4.2	4.7	285%	253%
59	5	337	0.0148	1.12%	1.24%	3.8	4.2	132%	119%
60	3	272	0.0110	1.20%	1.32%	3.3	3.6	92%	84%
61	5	225	0.0222	1.30%	1.36%	2.9	3.1	171%	163%
62	3	188	0.0160	1.40%	1.44%	2.6	2.7	114%	111%
63	1	109	0.0092	1.50%	1.53%	1.6	1.7	61%	60%
64	1	79	0.0127	1.60%	1.61%	1.3	1.3	79%	79%
65	0	2	0.0000	1.70%	1.68%	0.0	0.0	0%	0%
66	0	0	N/A	0.00%	0.00%	0	0	0%	0%
67	0	0	N/A	0.00%	0.00%	0	0	0%	0%
68	1	2	0.5000	2.06%	1.92%	0.0	0.0	2427%	2604%
69	0	3	0.0000	2.18%	2.00%	0.1	0.1	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	1	1	1.0000	0.00%	2.00%	0	0.0	0%	5000%
Total	156	30,066				113.1	127.3	138%	123%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	473	0.0000	0.10%	0.06%	0.5	0.3	0%	0%
25-29	0	2,632	0.0000	0.12%	0.06%	3.2	1.6	0%	0%
30-34	5	4,324	0.0012	0.17%	0.09%	7.4	4.1	68%	122%
35-39	13	4,934	0.0026	0.22%	0.19%	10.9	9.1	119%	142%
40-44	24	5,214	0.0046	0.27%	0.33%	14.1	17.3	170%	139%
45-49	31	5,073	0.0061	0.37%	0.52%	19.0	26.6	163%	117%
50-54	29	3,346	0.0087	0.62%	0.78%	20.6	26.2	141%	111%
55-59	36	2,447	0.0147	0.93%	1.08%	22.8	26.4	158%	136%
60-64	12	858	0.0140	1.34%	1.40%	11.5	12.1	104%	100%
65-69	1	7	0.1429	2.01%	1.89%	0.1	0.1	711%	758%
70-74	0	0	N/A			0	0	0%	0%
Other	1	1	1.0000	0.00%	2.00%	0	0.0	0%	5000%
Total	152	29,309				110.2	123.8	138%	123%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	3	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
25-29	0	40	0.0000	0.13%	0.15%	0.1	0.1	0%	0%
30-34	0	98	0.0000	0.17%	0.21%	0.2	0.2	0%	0%
35-39	0	137	0.0000	0.22%	0.26%	0.3	0.4	0%	0%
40-44	0	134	0.0000	0.27%	0.32%	0.4	0.4	0%	0%
45-49	2	158	0.0127	0.38%	0.46%	0.6	0.7	334%	278%
50-54	0	115	0.0000	0.60%	0.72%	0.7	0.8	0%	0%
55-59	1	57	0.0175	0.92%	1.10%	0.5	0.6	191%	159%
60-64	1	15	0.0667	1.37%	1.64%	0.2	0.2	488%	407%
65-69	0	0	N/A			0	0	0%	0%
70-74	0	0	N/A			0	0	0%	0%
Other	0	0	N/A			0	0	0%	0%
Total	4	757				2.9	3.5	138%	115%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Proposed	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	476	0.0000	0.10%	0.06%	0.5	0.3	0%	0%
25-29	0	2,672	0.0000	0.12%	0.06%	3.3	1.7	0%	0%
30-34	5	4,422	0.0011	0.17%	0.10%	7.6	4.3	66%	116%
35-39	13	5,071	0.0026	0.22%	0.19%	11.2	9.5	116%	137%
40-44	24	5,348	0.0045	0.27%	0.33%	14.5	17.7	166%	136%
45-49	33	5,231	0.0063	0.37%	0.52%	19.6	27.3	169%	121%
50-54	29	3,461	0.0084	0.61%	0.78%	21.3	27.1	136%	107%
55-59	37	2,504	0.0148	0.93%	1.08%	23.4	27.0	158%	137%
60-64	13	873	0.0149	1.34%	1.41%	11.7	12.3	111%	106%
65-69	1	7	0.1429	2.01%	1.89%	0.1	0.1	711%	758%
70-74	0	0	N/A			0	0	0%	0%
Other	1	1	1.0000	0.00%	2.00%	0	0.0	0%	5000%
Total	156	30,066				113.1	127.3	138%	123%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	28	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
21	0	73	0.0000	0.10%	0.06%	0.1	0.0	0%	0%
22	0	166	0.0000	0.10%	0.06%	0.2	0.1	0%	0%
23	0	313	0.0000	0.10%	0.06%	0.3	0.2	0%	0%
24	0	496	0.0000	0.10%	0.06%	0.5	0.3	0%	0%
25	0	678	0.0000	0.10%	0.06%	0.7	0.4	0%	0%
26	0	845	0.0000	0.11%	0.06%	0.9	0.5	0%	0%
27	0	1,024	0.0000	0.12%	0.06%	1.2	0.6	0%	0%
28	1	1,132	0.0009	0.13%	0.06%	1.5	0.7	68%	147%
29	0	1,233	0.0000	0.14%	0.06%	1.7	0.8	0%	0%
30	0	1,359	0.0000	0.15%	0.07%	2.0	1.0	0%	0%
31	2	1,478	0.0014	0.16%	0.08%	2.4	1.2	85%	168%
32	1	1,609	0.0006	0.17%	0.09%	2.7	1.5	37%	68%
33	3	1,724	0.0017	0.18%	0.11%	3.1	1.8	97%	166%
34	3	1,746	0.0017	0.19%	0.12%	3.3	2.1	90%	142%
35	1	1,754	0.0006	0.20%	0.14%	3.5	2.4	29%	41%
36	5	1,807	0.0028	0.21%	0.16%	3.8	2.9	132%	174%
37	4	1,881	0.0021	0.22%	0.18%	4.1	3.4	97%	117%
38	6	1,970	0.0030	0.23%	0.21%	4.5	4.1	132%	148%
39	8	2,080	0.0038	0.24%	0.23%	5.0	4.8	160%	165%
40	7	2,138	0.0033	0.25%	0.26%	5.3	5.6	131%	125%
41	6	2,197	0.0027	0.26%	0.29%	5.7	6.4	105%	93%
42	11	2,196	0.0050	0.27%	0.33%	5.9	7.2	186%	153%
43	18	2,203	0.0082	0.28%	0.36%	6.2	8.0	292%	225%
44	14	2,150	0.0065	0.29%	0.40%	6.2	8.6	225%	162%
45	10	2,092	0.0048	0.30%	0.44%	6.3	9.2	159%	108%
46	11	2,002	0.0055	0.34%	0.48%	6.8	9.7	162%	114%
47	14	1,855	0.0075	0.38%	0.53%	7.0	9.8	199%	143%
48	10	1,831	0.0055	0.42%	0.58%	7.7	10.5	130%	95%
49	12	1,898	0.0063	0.46%	0.62%	8.7	11.9	137%	101%
50	13	1,884	0.0069	0.50%	0.68%	9.4	12.7	138%	102%
51	13	1,810	0.0072	0.56%	0.73%	10.1	13.2	128%	98%
52	14	1,687	0.0083	0.62%	0.79%	10.5	13.3	134%	106%
53	9	1,572	0.0057	0.68%	0.84%	10.7	13.3	84%	68%
54	13	1,425	0.0091	0.74%	0.90%	10.5	12.9	123%	101%
55	11	1,290	0.0085	0.80%	0.97%	10.3	12.5	107%	88%
56	22	1,133	0.0194	0.88%	1.03%	10.0	11.7	221%	188%
57	16	984	0.0163	0.96%	1.10%	9.4	10.8	169%	148%
58	15	791	0.0190	1.04%	1.17%	8.2	9.2	182%	162%
59	8	635	0.0126	1.12%	1.24%	7.1	7.9	112%	102%
60	7	495	0.0141	1.20%	1.31%	5.9	6.5	118%	108%
61	6	377	0.0159	1.30%	1.36%	4.9	5.1	122%	117%
62	4	303	0.0132	1.40%	1.44%	4.2	4.4	94%	92%
63	3	188	0.0160	1.50%	1.52%	2.8	2.9	106%	105%
64	2	133	0.0150	1.60%	1.60%	2.1	2.1	94%	94%
65	0	9	0.0000	1.70%	1.68%	0.2	0.2	0%	0%
66	0	7	0.0000	1.82%	1.76%	0.1	0.1	0%	0%
67	0	6	0.0000	1.94%	1.84%	0.1	0.1	0%	0%
68	1	6	0.1667	2.06%	1.92%	0.1	0.1	809%	868%
69	0	3	0.0000	2.18%	2.00%	0.1	0.1	0%	0%
70	0	0	N/A	0.00%	2.00%	0	0	0%	0%
71	0	0	N/A	0.00%	2.00%	0	0	0%	0%
72	0	0	N/A	0.00%	2.00%	0	0	0%	0%
73	0	0	N/A	0.00%	2.00%	0	0	0%	0%
74	0	0	N/A	0.00%	2.00%	0	0	0%	0%
Other	1	3	0.3333	0.00%	2.00%	0	0.1	0%	1667%
Total	305	58,699				224.5	254.8	136%	120%

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

TABLE 11B				8-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Expected	Proposed	Expected (3) x (5)	Proposed (3) x (6)	Expected (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20	0	0	N/A	0.10%	0.12%	0	0	0%	0%
21	0	1	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
22	0	1	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
23	0	4	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
24	0	7	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
25	0	14	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
26	0	19	0.0000	0.11%	0.13%	0.0	0.0	0%	0%
27	0	22	0.0000	0.12%	0.14%	0.0	0.0	0%	0%
28	0	26	0.0000	0.13%	0.16%	0.0	0.0	0%	0%
29	0	28	0.0000	0.14%	0.17%	0.0	0.0	0%	0%
30	0	31	0.0000	0.15%	0.18%	0.0	0.1	0%	0%
31	0	37	0.0000	0.16%	0.19%	0.1	0.1	0%	0%
32	0	41	0.0000	0.17%	0.20%	0.1	0.1	0%	0%
33	0	41	0.0000	0.18%	0.22%	0.1	0.1	0%	0%
34	0	48	0.0000	0.19%	0.23%	0.1	0.1	0%	0%
35	0	50	0.0000	0.20%	0.24%	0.1	0.1	0%	0%
36	0	49	0.0000	0.21%	0.25%	0.1	0.1	0%	0%
37	0	47	0.0000	0.22%	0.26%	0.1	0.1	0%	0%
38	0	55	0.0000	0.23%	0.28%	0.1	0.2	0%	0%
39	0	53	0.0000	0.24%	0.29%	0.1	0.2	0%	0%
40	0	55	0.0000	0.25%	0.30%	0.1	0.2	0%	0%
41	0	63	0.0000	0.26%	0.31%	0.2	0.2	0%	0%
42	1	61	0.0164	0.27%	0.32%	0.2	0.2	607%	506%
43	0	60	0.0000	0.28%	0.34%	0.2	0.2	0%	0%
44	0	62	0.0000	0.29%	0.35%	0.2	0.2	0%	0%
45	1	67	0.0149	0.30%	0.36%	0.2	0.2	498%	415%
46	1	61	0.0164	0.34%	0.41%	0.2	0.2	482%	402%
47	0	62	0.0000	0.38%	0.46%	0.2	0.3	0%	0%
48	1	59	0.0169	0.42%	0.50%	0.2	0.3	404%	336%
49	0	53	0.0000	0.46%	0.55%	0.2	0.3	0%	0%
50	0	51	0.0000	0.50%	0.60%	0.3	0.3	0%	0%
51	0	47	0.0000	0.56%	0.67%	0.3	0.3	0%	0%
52	0	42	0.0000	0.62%	0.74%	0.3	0.3	0%	0%
53	0	35	0.0000	0.68%	0.82%	0.2	0.3	0%	0%
54	0	28	0.0000	0.74%	0.89%	0.2	0.2	0%	0%
55	0	22	0.0000	0.80%	0.96%	0.2	0.2	0%	0%
56	1	22	0.0455	0.88%	1.06%	0.2	0.2	517%	430%
57	0	16	0.0000	0.96%	1.15%	0.2	0.2	0%	0%
58	0	12	0.0000	1.04%	1.25%	0.1	0.1	0%	0%
59	0	12	0.0000	1.12%	1.34%	0.1	0.2	0%	0%
60	0	8	0.0000	1.20%	1.44%	0.1	0.1	0%	0%
61	0	6	0.0000	1.30%	1.56%	0.1	0.1	0%	0%
62	1	5	0.2000	1.40%	1.68%	0.1	0.1	1429%	1190%
63	0	5	0.0000	1.50%	1.80%	0.1	0.1	0%	0%
64	0	3	0.0000	1.60%	1.92%	0.0	0.1	0%	0%
65	0	0	N/A	1.70%	2.04%	0	0	0%	0%
66	0	1	0.0000	1.82%	2.18%	0.0	0.0	0%	0%
67	0	0	N/A	1.94%	2.33%	0	0	0%	0%
68	0	0	N/A	2.06%	2.47%	0	0	0%	0%
69	0	0	N/A	2.18%	2.62%	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	6	1,492				5.4	6.5	111%	93%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	28	0.0000	0.10%	0.06%	0.0	0.0	0%	0%
21	0	74	0.0000	0.10%	0.06%	0.1	0.0	0%	0%
22	0	167	0.0000	0.10%	0.06%	0.2	0.1	0%	0%
23	0	317	0.0000	0.10%	0.06%	0.3	0.2	0%	0%
24	0	503	0.0000	0.10%	0.06%	0.5	0.3	0%	0%
25	0	692	0.0000	0.10%	0.06%	0.7	0.4	0%	0%
26	0	864	0.0000	0.11%	0.06%	1.0	0.5	0%	0%
27	0	1,046	0.0000	0.12%	0.06%	1.3	0.6	0%	0%
28	1	1,158	0.0009	0.13%	0.06%	1.5	0.7	66%	138%
29	0	1,261	0.0000	0.14%	0.07%	1.8	0.8	0%	0%
30	0	1,390	0.0000	0.15%	0.07%	2.1	1.0	0%	0%
31	2	1,515	0.0013	0.16%	0.08%	2.4	1.3	83%	159%
32	1	1,650	0.0006	0.17%	0.09%	2.8	1.6	36%	64%
33	3	1,765	0.0017	0.18%	0.11%	3.2	1.9	94%	158%
34	3	1,794	0.0017	0.19%	0.12%	3.4	2.2	88%	135%
35	1	1,804	0.0006	0.20%	0.14%	3.6	2.6	28%	39%
36	5	1,856	0.0027	0.21%	0.16%	3.9	3.0	128%	167%
37	4	1,928	0.0021	0.22%	0.18%	4.2	3.5	94%	113%
38	6	2,025	0.0030	0.23%	0.21%	4.7	4.2	129%	143%
39	8	2,133	0.0038	0.24%	0.23%	5.1	5.0	156%	160%
40	7	2,193	0.0032	0.25%	0.26%	5.5	5.8	128%	121%
41	6	2,260	0.0027	0.26%	0.29%	5.9	6.6	102%	90%
42	12	2,257	0.0053	0.27%	0.33%	6.1	7.4	197%	163%
43	18	2,263	0.0080	0.28%	0.36%	6.3	8.2	284%	220%
44	14	2,212	0.0063	0.29%	0.40%	6.4	8.8	218%	159%
45	11	2,159	0.0051	0.30%	0.44%	6.5	9.5	170%	116%
46	12	2,063	0.0058	0.34%	0.48%	7.0	9.9	171%	121%
47	14	1,917	0.0073	0.38%	0.53%	7.3	10.1	192%	139%
48	11	1,890	0.0058	0.42%	0.57%	7.9	10.8	139%	102%
49	12	1,951	0.0062	0.46%	0.62%	9.0	12.1	134%	99%
50	13	1,935	0.0067	0.50%	0.67%	9.7	13.0	134%	100%
51	13	1,857	0.0070	0.56%	0.73%	10.4	13.5	125%	96%
52	14	1,729	0.0081	0.62%	0.78%	10.7	13.6	131%	103%
53	9	1,607	0.0056	0.68%	0.84%	10.9	13.6	82%	66%
54	13	1,453	0.0089	0.74%	0.90%	10.8	13.1	121%	99%
55	11	1,312	0.0084	0.80%	0.97%	10.5	12.7	105%	87%
56	23	1,155	0.0199	0.88%	1.03%	10.2	11.9	226%	193%
57	16	1,000	0.0160	0.96%	1.10%	9.6	11.0	167%	145%
58	15	803	0.0187	1.04%	1.17%	8.4	9.4	180%	160%
59	8	647	0.0124	1.12%	1.24%	7.2	8.0	110%	100%
60	7	503	0.0139	1.20%	1.32%	6.0	6.6	116%	106%
61	6	383	0.0157	1.30%	1.36%	5.0	5.2	121%	115%
62	5	308	0.0162	1.40%	1.44%	4.3	4.4	116%	112%
63	3	193	0.0155	1.50%	1.53%	2.9	2.9	104%	102%
64	2	136	0.0147	1.60%	1.61%	2.2	2.2	92%	92%
65	0	9	0.0000	1.70%	1.68%	0.2	0.2	0%	0%
66	0	8	0.0000	1.82%	1.81%	0.1	0.1	0%	0%
67	0	6	0.0000	1.94%	1.84%	0.1	0.1	0%	0%
68	1	6	0.1667	2.06%	1.92%	0.1	0.1	809%	868%
69	0	3	0.0000	2.18%	2.00%	0.1	0.1	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	1	3	0.3333	0.00%	2.00%	0	0.1	0%	1667%
Total	311	60,191				229.9	261.3	135%	119%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1,076	0.0000	0.10%	0.06%	1.1	0.6	0%	0%
25-29	1	4,912	0.0002	0.12%	0.06%	6.0	3.0	17%	33%
30-34	9	7,916	0.0011	0.17%	0.10%	13.6	7.6	66%	119%
35-39	24	9,492	0.0025	0.22%	0.19%	21.0	17.6	114%	136%
40-44	56	10,884	0.0051	0.27%	0.33%	29.4	35.8	191%	156%
45-49	57	9,678	0.0059	0.38%	0.53%	36.6	51.1	156%	112%
50-54	62	8,378	0.0074	0.61%	0.78%	51.3	65.4	121%	95%
55-59	72	4,833	0.0149	0.93%	1.08%	45.1	52.1	160%	138%
60-64	22	1,496	0.0147	1.34%	1.40%	20.0	21.0	110%	105%
65-69	1	31	0.0323	1.89%	1.81%	0.6	0.6	171%	179%
70-74	0	0	N/A			0	0	0%	0%
Other	1	3	0.3333	0.00%	2.00%	0	0.1	0%	1667%
Total	305	58,699				224.5	254.8	136%	120%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	13	0.0000	0.10%	0.12%	0.0	0.0	0%	0%
25-29	0	109	0.0000	0.12%	0.15%	0.1	0.2	0%	0%
30-34	0	198	0.0000	0.17%	0.21%	0.3	0.4	0%	0%
35-39	0	254	0.0000	0.22%	0.26%	0.6	0.7	0%	0%
40-44	1	301	0.0033	0.27%	0.32%	0.8	1.0	123%	102%
45-49	3	302	0.0099	0.38%	0.45%	1.1	1.4	264%	220%
50-54	0	203	0.0000	0.60%	0.72%	1.2	1.5	0%	0%
55-59	1	84	0.0119	0.93%	1.12%	0.8	0.9	128%	107%
60-64	1	27	0.0370	1.36%	1.63%	0.4	0.4	272%	227%
65-69	0	1	0.0000	1.82%	2.18%	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	6	1,492				5.4	6.5	111%	93%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	1,089	0.0000	0.10%	0.06%	1.1	0.7	0%	0%
25-29	1	5,021	0.0002	0.12%	0.06%	6.2	3.2	16%	31%
30-34	9	8,114	0.0011	0.17%	0.10%	13.9	8.0	65%	113%
35-39	24	9,746	0.0025	0.22%	0.19%	21.5	18.3	112%	131%
40-44	57	11,185	0.0051	0.27%	0.33%	30.2	36.8	189%	155%
45-49	60	9,980	0.0060	0.38%	0.53%	37.7	52.5	159%	114%
50-54	62	8,581	0.0072	0.61%	0.78%	52.5	66.8	118%	93%
55-59	73	4,917	0.0148	0.93%	1.08%	45.9	53.1	159%	138%
60-64	23	1,523	0.0151	1.34%	1.41%	20.4	21.4	113%	107%
65-69	1	32	0.0313	1.89%	1.82%	0.6	0.6	166%	172%
70-74	0	0	N/A			0	0	0%	0%
Other	1	3	0.3333	0.00%	2.00%	0	0.1	0%	1667%
Total	311	60,191				229.9	261.3	135%	119%

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

Plan Year Ending June 30, (1)	TABLE 11D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2013				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2004	7,502	29	24.5	118%	0.39%	0.33%
2005	7,329	27	23.7	114%	0.37%	0.32%
2006	7,577	56	24.0	233%	0.74%	0.32%
2007	7,717	43	23.4	183%	0.56%	0.30%
2008	7,720	41	23.1	177%	0.53%	0.30%
2009	7,656	33	23.2	142%	0.43%	0.30%
2010	7,548	31	23.6	131%	0.41%	0.31%
2011	7,142	51	22.9	223%	0.71%	0.32%
2012	6,853	27	22.2	122%	0.39%	0.32%
2013	6,887	32	22.3	143%	0.46%	0.32%
Total	73,931	370	233.0	159%	0.50%	0.32%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	13	\$ 550,402	\$ 580,569	\$ 588,930	78%	5.48%	7.00%
1	522	23,115,435	25,556,430	25,195,824	117%	10.56%	9.00%
2	673	29,839,019	33,346,772	33,121,311	107%	11.76%	11.00%
3	1,033	49,572,710	57,958,780	57,504,344	106%	16.92%	16.00%
4	1,712	99,068,407	122,724,456	133,742,349	68%	23.88%	35.00%
5	2,311	166,553,452	200,724,510	208,191,815	82%	20.52%	25.00%
6	1,928	165,370,449	172,599,941	172,646,749	99%	4.37%	4.40%
7	1,581	140,580,593	143,199,263	147,047,300	40%	1.86%	4.60%
8	1,217	107,264,522	110,757,825	112,413,219	68%	3.26%	4.80%
9	1,280	110,485,877	116,714,087	117,336,001	91%	5.64%	6.20%
10	1,525	137,134,356	143,754,728	143,991,074	97%	4.83%	5.00%
11	1,629	152,644,300	156,345,773	160,123,871	49%	2.42%	4.90%
12	1,622	154,053,881	157,265,580	161,448,467	43%	2.08%	4.80%
13	862	82,210,682	83,475,236	86,074,584	33%	1.54%	4.70%
14	763	71,395,293	73,676,324	75,607,615	54%	3.19%	5.90%
15	583	55,808,957	57,262,634	58,320,360	58%	2.60%	4.50%
16	810	78,079,128	80,601,980	81,514,610	73%	3.23%	4.40%
17	728	72,468,651	72,811,286	75,584,803	11%	0.47%	4.30%
18	509	50,474,393	50,805,435	52,594,318	16%	0.66%	4.20%
19	886	88,801,573	91,904,987	93,596,858	65%	3.49%	5.40%
20	754	77,794,344	78,821,524	80,906,118	33%	1.32%	4.00%
21	722	75,467,606	75,353,320	78,410,843	-4%	-0.15%	3.90%
22	831	86,970,086	88,040,032	90,274,949	32%	1.23%	3.80%
23	577	60,707,717	60,991,098	62,953,903	13%	0.47%	3.70%
24	477	50,273,214	50,940,707	52,083,050	37%	1.33%	3.60%
25	422	44,926,361	45,208,826	46,498,784	18%	0.63%	3.50%
26	287	30,582,336	30,694,565	31,652,718	10%	0.37%	3.50%
27	217	23,022,484	23,171,745	23,828,271	19%	0.65%	3.50%
28	204	22,395,240	22,797,620	23,179,073	51%	1.80%	3.50%
29	127	14,561,285	14,570,107	15,070,930	2%	0.06%	3.50%
30+	91	10,459,389	10,524,186	10,825,468	18%	0.62%	3.50%
Total	26,896	2,332,632,142	2,453,180,326	2,512,328,507	67%	5.17%	7.70%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	13	\$ 550,402	\$ 580,569	\$ 597,186	64%	5.48%	8.50%
1	522	23,115,435	25,556,430	25,542,556	101%	10.56%	10.50%
2	673	29,839,019	33,346,772	33,270,506	102%	11.76%	11.50%
3	1,033	49,572,710	57,958,780	57,752,207	103%	16.92%	16.50%
4	1,712	99,068,407	122,724,456	127,798,245	82%	23.88%	29.00%
5	2,311	166,553,452	200,724,510	206,526,280	85%	20.52%	24.00%
6	1,928	165,370,449	172,599,941	173,473,601	89%	4.37%	4.90%
7	1,581	140,580,593	143,199,263	147,750,203	37%	1.86%	5.10%
8	1,217	107,264,522	110,757,825	112,949,542	61%	3.26%	5.30%
9	1,280	110,485,877	116,714,087	117,888,431	84%	5.64%	6.70%
10	1,525	137,134,356	143,754,728	144,676,746	88%	4.83%	5.50%
11	1,629	152,644,300	156,345,773	160,887,092	45%	2.42%	5.40%
12	1,622	154,053,881	157,265,580	162,218,737	39%	2.08%	5.30%
13	862	82,210,682	83,475,236	86,485,637	30%	1.54%	5.20%
14	763	71,395,293	73,676,324	75,964,592	50%	3.19%	6.40%
15	583	55,808,957	57,262,634	58,599,405	52%	2.60%	5.00%
16	810	78,079,128	80,601,980	81,905,005	66%	3.23%	4.90%
17	728	72,468,651	72,811,286	75,947,146	10%	0.47%	4.80%
18	509	50,474,393	50,805,435	52,846,689	14%	0.66%	4.70%
19	886	88,801,573	91,904,987	94,040,866	59%	3.49%	5.90%
20	754	77,794,344	78,821,524	81,295,089	29%	1.32%	4.50%
21	722	75,467,606	75,353,320	78,788,181	-3%	-0.15%	4.40%
22	831	86,970,086	88,040,032	90,709,800	29%	1.23%	4.30%
23	577	60,707,717	60,991,098	63,257,441	11%	0.47%	4.20%
24	477	50,273,214	50,940,707	52,334,416	32%	1.33%	4.10%
25	422	44,926,361	45,208,826	46,723,415	16%	0.63%	4.00%
26	287	30,582,336	30,694,565	31,805,629	9%	0.37%	4.00%
27	217	23,022,484	23,171,745	23,943,383	16%	0.65%	4.00%
28	204	22,395,240	22,797,620	23,291,050	45%	1.80%	4.00%
29	127	14,561,285	14,570,107	15,143,736	2%	0.06%	4.00%
30+	91	10,459,389	10,524,186	10,877,765	15%	0.62%	4.00%
Total	26,896	2,332,632,142	2,453,180,326	2,515,290,578	66%	5.17%	7.83%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	13	\$ 550,402	\$ 625,844	\$ 569,666	392%	13.71%	3.50%
1	522	23,115,435	24,700,204	24,386,784	125%	6.86%	5.50%
2	673	29,839,019	32,072,870	32,076,945	100%	7.49%	7.50%
3	1,033	49,572,710	54,429,358	55,769,299	78%	9.80%	12.50%
4	1,712	99,068,407	115,523,019	130,274,955	53%	16.61%	31.50%
5	2,311	166,553,452	193,226,599	202,362,444	74%	16.01%	21.50%
6	1,928	165,370,449	170,819,908	166,858,783	366%	3.30%	0.90%
7	1,581	140,580,593	142,859,153	142,126,980	147%	1.62%	1.10%
8	1,217	107,264,522	109,223,482	108,658,961	140%	1.83%	1.30%
9	1,280	110,485,877	113,482,438	113,468,996	100%	2.71%	2.70%
10	1,525	137,134,356	140,919,722	139,191,371	184%	2.76%	1.50%
11	1,629	152,644,300	155,782,373	154,781,320	147%	2.06%	1.40%
12	1,622	154,053,881	157,086,894	156,056,581	151%	1.97%	1.30%
13	862	82,210,682	83,919,098	83,197,210	173%	2.08%	1.20%
14	763	71,395,293	72,285,737	73,108,780	52%	1.25%	2.40%
15	583	55,808,957	56,766,799	56,367,047	172%	1.72%	1.00%
16	810	78,079,128	78,476,262	78,781,840	57%	0.51%	0.90%
17	728	72,468,651	72,832,018	73,048,400	63%	0.50%	0.80%
18	509	50,474,393	50,863,906	50,827,714	110%	0.77%	0.70%
19	886	88,801,573	89,648,616	90,488,803	50%	0.95%	1.90%
20	754	77,794,344	78,086,306	78,183,316	75%	0.38%	0.50%
21	722	75,467,606	75,527,059	75,769,476	20%	0.08%	0.40%
22	831	86,970,086	86,869,788	87,230,996	-38%	-0.12%	0.30%
23	577	60,707,717	60,594,346	60,829,132	-93%	-0.19%	0.20%
24	477	50,273,214	50,281,051	50,323,487	16%	0.02%	0.10%
25	422	44,926,361	44,926,361	44,926,361		0.00%	0.00%
26	287	30,582,336	30,582,336	30,582,336		0.00%	0.00%
27	217	23,022,484	23,022,484	23,022,484		0.00%	0.00%
28	204	22,395,240	22,395,240	22,395,240		0.00%	0.00%
29	127	14,561,285	14,561,285	14,561,285		0.00%	0.00%
30+	91	10,459,389	10,459,389	10,459,389		0.00%	0.00%
Total	26,896	2,332,632,142	2,412,849,944	2,430,686,382	82%	3.44%	4.20%

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 - SANITATION
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	13	\$ 550,402	\$ 625,844	\$ 575,170	305%	13.71%	4.50%
1	522	23,115,435	24,700,204	24,617,938	105%	6.86%	6.50%
2	673	29,839,019	32,072,870	32,076,945	100%	7.49%	7.50%
3	1,033	49,572,710	54,429,358	55,769,299	78%	9.80%	12.50%
4	1,712	99,068,407	115,523,019	123,835,509	66%	16.61%	25.00%
5	2,311	166,553,452	193,226,599	199,864,142	80%	16.01%	20.00%
6	1,928	165,370,449	170,819,908	166,858,783	366%	3.30%	0.90%
7	1,581	140,580,593	142,859,153	142,126,980	147%	1.62%	1.10%
8	1,217	107,264,522	109,223,482	108,658,961	140%	1.83%	1.30%
9	1,280	110,485,877	113,482,438	113,468,996	100%	2.71%	2.70%
10	1,525	137,134,356	140,919,722	139,191,371	184%	2.76%	1.50%
11	1,629	152,644,300	155,782,373	154,781,320	147%	2.06%	1.40%
12	1,622	154,053,881	157,086,894	156,056,581	151%	1.97%	1.30%
13	862	82,210,682	83,919,098	83,197,210	173%	2.08%	1.20%
14	763	71,395,293	72,285,737	73,108,780	52%	1.25%	2.40%
15	583	55,808,957	56,766,799	56,367,047	172%	1.72%	1.00%
16	810	78,079,128	78,476,262	78,781,840	57%	0.51%	0.90%
17	728	72,468,651	72,832,018	73,048,400	63%	0.50%	0.80%
18	509	50,474,393	50,863,906	50,827,714	110%	0.77%	0.70%
19	886	88,801,573	89,648,616	90,488,803	50%	0.95%	1.90%
20	754	77,794,344	78,086,306	78,183,316	75%	0.38%	0.50%
21	722	75,467,606	75,527,059	75,769,476	20%	0.08%	0.40%
22	831	86,970,086	86,869,788	87,230,996	-38%	-0.12%	0.30%
23	577	60,707,717	60,594,346	60,829,132	-93%	-0.19%	0.20%
24	477	50,273,214	50,281,051	50,323,487	16%	0.02%	0.10%
25	422	44,926,361	44,926,361	44,926,361		0.00%	0.00%
26	287	30,582,336	30,582,336	30,582,336		0.00%	0.00%
27	217	23,022,484	23,022,484	23,022,484		0.00%	0.00%
28	204	22,395,240	22,395,240	22,395,240		0.00%	0.00%
29	127	14,561,285	14,561,285	14,561,285		0.00%	0.00%
30+	91	10,459,389	10,459,389	10,459,389		0.00%	0.00%
Total	26,896	2,332,632,142	2,412,849,944	2,421,985,293	90%	3.44%	3.83%

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

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

TABLE 12A

10-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	768	\$ 26,655,082	\$ 34,044,354	\$ 28,520,938	396%	27.72%	7.00%
1	3,296	139,947,741	155,632,006	152,543,038	125%	11.21%	9.00%
2	2,833	133,871,238	149,061,352	148,597,074	103%	11.35%	11.00%
3	3,870	192,853,114	217,659,922	223,709,612	80%	12.86%	16.00%
4	4,270	235,859,768	288,633,422	318,410,687	64%	22.38%	35.00%
5	4,195	279,295,221	337,292,895	349,119,026	83%	20.77%	25.00%
6	4,054	316,696,743	334,945,882	330,631,400	131%	5.76%	4.40%
7	3,665	299,389,405	311,862,618	313,161,318	91%	4.17%	4.60%
8	3,311	269,854,686	278,685,243	282,807,711	68%	3.27%	4.80%
9	2,513	204,460,177	217,180,149	217,136,708	100%	6.22%	6.20%
10	2,819	231,172,798	242,584,405	242,731,438	99%	4.94%	5.00%
11	2,808	240,571,151	252,250,349	252,359,137	99%	4.85%	4.90%
12	2,522	225,278,554	231,825,249	236,091,925	61%	2.91%	4.80%
13	2,369	196,809,387	204,283,296	206,059,428	81%	3.80%	4.70%
14	2,499	199,535,873	213,393,020	211,308,490	118%	6.94%	5.90%
15	2,424	201,953,672	214,046,375	211,041,587	133%	5.99%	4.50%
16	2,663	223,750,202	235,903,234	233,595,211	123%	5.43%	4.40%
17	2,766	239,307,443	252,773,686	249,597,663	131%	5.63%	4.30%
18	3,060	265,140,883	276,136,481	276,276,800	99%	4.15%	4.20%
19	2,818	249,859,460	265,293,000	263,351,871	114%	6.18%	5.40%
20	1,918	178,291,187	186,123,758	185,422,834	110%	4.39%	4.00%
21	1,671	161,306,145	165,835,103	167,597,085	72%	2.81%	3.90%
22	1,686	162,258,404	167,058,389	168,424,223	78%	2.96%	3.80%
23	1,303	126,220,251	130,848,588	130,890,400	99%	3.67%	3.70%
24	992	97,796,458	100,760,888	101,317,130	84%	3.03%	3.60%
25	748	75,820,978	78,167,449	78,474,712	88%	3.09%	3.50%
26	528	55,042,493	56,093,707	56,968,980	55%	1.91%	3.50%
27	404	42,529,683	43,418,371	44,018,222	60%	2.09%	3.50%
28	284	30,525,587	31,276,564	31,593,983	70%	2.46%	3.50%
29	198	21,260,530	21,541,283	22,004,649	38%	1.32%	3.50%
30+	156	16,262,554	16,693,196	16,831,743	76%	2.65%	3.50%
Total	69,411	5,339,576,868	5,711,304,234	5,750,595,023	90%	6.96%	7.70%

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

TABLE 12A

10-YEAR PERIOD ENDING 6/30/2013

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Proposed Salary EOY	Actual / Proposed	Increase %	
						Actual %	Proposed %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	768	\$ 26,655,082	\$ 34,044,354	\$ 28,920,764	326%	27.72%	8.50%
1	3,296	139,947,741	155,632,006	154,642,254	107%	11.21%	10.50%
2	2,833	133,871,238	149,061,352	149,266,430	99%	11.35%	11.50%
3	3,870	192,853,114	217,659,922	224,673,878	78%	12.86%	16.50%
4	4,270	235,859,768	288,633,422	304,259,101	77%	22.38%	29.00%
5	4,195	279,295,221	337,292,895	346,326,074	87%	20.77%	24.00%
6	4,054	316,696,743	334,945,882	332,214,883	118%	5.76%	4.90%
7	3,665	299,389,405	311,862,618	314,658,265	82%	4.17%	5.10%
8	3,311	269,854,686	278,685,243	284,156,984	62%	3.27%	5.30%
9	2,513	204,460,177	217,180,149	218,159,009	93%	6.22%	6.70%
10	2,819	231,172,798	242,584,405	243,887,302	90%	4.94%	5.50%
11	2,808	240,571,151	252,250,349	253,561,993	90%	4.85%	5.40%
12	2,522	225,278,554	231,825,249	237,218,317	55%	2.91%	5.30%
13	2,369	196,809,387	204,283,296	207,043,475	73%	3.80%	5.20%
14	2,499	199,535,873	213,393,020	212,306,169	109%	6.94%	6.40%
15	2,424	201,953,672	214,046,375	212,051,356	120%	5.99%	5.00%
16	2,663	223,750,202	235,903,234	234,713,962	111%	5.43%	4.90%
17	2,766	239,307,443	252,773,686	250,794,200	117%	5.63%	4.80%
18	3,060	265,140,883	276,136,481	277,602,505	88%	4.15%	4.70%
19	2,818	249,859,460	265,293,000	264,601,168	105%	6.18%	5.90%
20	1,918	178,291,187	186,123,758	186,314,290	98%	4.39%	4.50%
21	1,671	161,306,145	165,835,103	168,403,615	64%	2.81%	4.40%
22	1,686	162,258,404	167,058,389	169,235,515	69%	2.96%	4.30%
23	1,303	126,220,251	130,848,588	131,521,502	87%	3.67%	4.20%
24	992	97,796,458	100,760,888	101,806,113	74%	3.03%	4.10%
25	748	75,820,978	78,167,449	78,853,817	77%	3.09%	4.00%
26	528	55,042,493	56,093,707	57,244,193	48%	1.91%	4.00%
27	404	42,529,683	43,418,371	44,230,870	52%	2.09%	4.00%
28	284	30,525,587	31,276,564	31,746,610	62%	2.46%	4.00%
29	198	21,260,530	21,541,283	22,110,951	33%	1.32%	4.00%
30+	156	16,262,554	16,693,196	16,913,056	66%	2.65%	4.00%
Total	69,411	5,339,576,868	5,711,304,234	5,759,438,622	89%	6.96%	7.86%

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

TABLE 12B

10-YEAR PERIOD ENDING 6/30/2013

Service (1)	Life Years Exposed (2)	Total Salary BOY (3)	Estimated Actual Merit Salary EOY (4)	Expected Merit Salary EOY (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	768	\$ 26,655,082	\$ 30,308,602	\$ 27,588,010	392%	13.71%	3.50%
1	3,296	139,947,741	149,542,407	147,644,867	125%	6.86%	5.50%
2	2,833	133,871,238	143,893,297	143,911,581	100%	7.49%	7.50%
3	3,870	192,853,114	211,746,972	216,959,753	78%	9.80%	12.50%
4	4,270	235,859,768	275,034,528	310,155,595	53%	16.61%	31.50%
5	4,195	279,295,221	324,023,699	339,343,694	74%	16.01%	21.50%
6	4,054	316,696,743	327,132,864	319,547,014	366%	3.30%	0.90%
7	3,665	299,389,405	304,241,973	302,682,688	147%	1.62%	1.10%
8	3,311	269,854,686	274,783,013	273,362,797	140%	1.83%	1.30%
9	2,513	204,460,177	210,005,478	209,980,602	100%	2.71%	2.70%
10	2,819	231,172,798	237,553,938	234,640,390	184%	2.76%	1.50%
11	2,808	240,571,151	245,516,831	243,939,147	147%	2.06%	1.40%
12	2,522	225,278,554	229,713,839	228,207,175	151%	1.97%	1.30%
13	2,369	196,809,387	200,899,273	199,171,100	173%	2.08%	1.20%
14	2,499	199,535,873	202,024,489	204,324,734	52%	1.25%	2.40%
15	2,424	201,953,672	205,419,776	203,973,209	172%	1.72%	1.00%
16	2,663	223,750,202	224,888,264	225,763,954	57%	0.51%	0.90%
17	2,766	239,307,443	240,507,359	241,221,903	63%	0.50%	0.80%
18	3,060	265,140,883	267,186,984	266,996,869	110%	0.77%	0.70%
19	2,818	249,859,460	252,242,769	254,606,790	50%	0.95%	1.90%
20	1,918	178,291,187	178,960,313	179,182,643	75%	0.38%	0.50%
21	1,671	161,306,145	161,433,220	161,951,370	20%	0.08%	0.40%
22	1,686	162,258,404	162,071,279	162,745,179	-38%	-0.12%	0.30%
23	1,303	126,220,251	125,984,535	126,472,692	-93%	-0.19%	0.20%
24	992	97,796,458	97,811,704	97,894,254	16%	0.02%	0.10%
25	748	75,820,978	75,820,978	75,820,978		0.00%	0.00%
26	528	55,042,493	55,042,493	55,042,493		0.00%	0.00%
27	404	42,529,683	42,529,683	42,529,683		0.00%	0.00%
28	284	30,525,587	30,525,587	30,525,587		0.00%	0.00%
29	198	21,260,530	21,260,530	21,260,530		0.00%	0.00%
30+	156	16,262,554	16,262,554	16,262,554		0.00%	0.00%
Total	69,411	5,339,576,868	5,524,369,232	5,563,709,833	82%	3.46%	4.20%

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 - SANITATION
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	768	\$ 26,655,082	\$ 30,308,602	\$ 27,854,561	305%	13.71%	4.50%
1	3,296	139,947,741	149,542,407	149,044,344	105%	6.86%	6.50%
2	2,833	133,871,238	143,893,297	143,911,581	100%	7.49%	7.50%
3	3,870	192,853,114	211,746,972	216,959,753	78%	9.80%	12.50%
4	4,270	235,859,768	275,034,528	294,824,710	66%	16.61%	25.00%
5	4,195	279,295,221	324,023,699	335,154,265	80%	16.01%	20.00%
6	4,054	316,696,743	327,132,864	319,547,014	366%	3.30%	0.90%
7	3,665	299,389,405	304,241,973	302,682,688	147%	1.62%	1.10%
8	3,311	269,854,686	274,783,013	273,362,797	140%	1.83%	1.30%
9	2,513	204,460,177	210,005,478	209,980,602	100%	2.71%	2.70%
10	2,819	231,172,798	237,553,938	234,640,390	184%	2.76%	1.50%
11	2,808	240,571,151	245,516,831	243,939,147	147%	2.06%	1.40%
12	2,522	225,278,554	229,713,839	228,207,175	151%	1.97%	1.30%
13	2,369	196,809,387	200,899,273	199,171,100	173%	2.08%	1.20%
14	2,499	199,535,873	202,024,489	204,324,734	52%	1.25%	2.40%
15	2,424	201,953,672	205,419,776	203,973,209	172%	1.72%	1.00%
16	2,663	223,750,202	224,888,264	225,763,954	57%	0.51%	0.90%
17	2,766	239,307,443	240,507,359	241,221,903	63%	0.50%	0.80%
18	3,060	265,140,883	267,186,984	266,996,869	110%	0.77%	0.70%
19	2,818	249,859,460	252,242,769	254,606,790	50%	0.95%	1.90%
20	1,918	178,291,187	178,960,313	179,182,643	75%	0.38%	0.50%
21	1,671	161,306,145	161,433,220	161,951,370	20%	0.08%	0.40%
22	1,686	162,258,404	162,071,279	162,745,179	-38%	-0.12%	0.30%
23	1,303	126,220,251	125,984,535	126,472,692	-93%	-0.19%	0.20%
24	992	97,796,458	97,811,704	97,894,254	16%	0.02%	0.10%
25	748	75,820,978	75,820,978	75,820,978		0.00%	0.00%
26	528	55,042,493	55,042,493	55,042,493		0.00%	0.00%
27	404	42,529,683	42,529,683	42,529,683		0.00%	0.00%
28	284	30,525,587	30,525,587	30,525,587		0.00%	0.00%
29	198	21,260,530	21,260,530	21,260,530		0.00%	0.00%
30+	156	16,262,554	16,262,554	16,262,554		0.00%	0.00%
Total	69,411	5,339,576,868	5,524,369,232	5,545,855,548	90%	3.46%	3.86%

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

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

Plan Year Ending June 30, (1)	TABLE 12C	10-YEAR PERIOD ENDING 6/30/2013					
	Life Years Exposed (2)	Total Salary BOY (3)	Actual Salary EOY (4)	Expected Salary EOY (5)	Actual / Expected (5)	Increase %	
						Actual	Expected
						(4) / (3) (6)	(5) / (3) (7)
2004	6,950	\$ 424,644,239	\$ 449,265,728	\$ 457,452,210	75%	5.80%	7.73%
2005	6,900	432,972,685	515,697,056	473,790,526	203%	19.11%	9.43%
2006	6,969	497,063,530	531,101,223	537,995,977	83%	6.85%	8.23%
2007	7,218	522,949,008	579,229,033	555,258,616	174%	10.76%	6.18%
2008	7,323	564,462,173	599,230,934	599,624,808	99%	6.16%	6.23%
2009	7,418	590,153,179	610,516,711	640,329,969	41%	3.45%	8.50%
2010	7,169	578,499,115	627,789,553	635,118,216	87%	8.52%	9.79%
2011	6,789	589,400,776	621,014,976	635,722,569	68%	5.36%	7.86%
2012	6,577	594,342,760	611,718,767	635,585,758	42%	2.92%	6.94%
2013	6,543	591,228,805	613,631,952	627,470,654	62%	3.79%	6.13%
Total	69,856	5,385,716,270	5,759,195,933	5,798,349,304	91%	6.93%	7.66%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	13	\$ 491,430	\$ 20,568	\$ 58,972	35%	4.19%	12.00%
1	507	20,076,056	1,393,130	2,409,127	58%	6.94%	12.00%
2	666	26,354,724	2,355,579	3,162,567	74%	8.94%	12.00%
3	1,020	43,650,817	4,717,944	5,238,098	90%	10.81%	12.00%
4	1,673	85,912,219	9,217,462	10,309,466	89%	10.73%	12.00%
5	2,309	147,630,068	15,278,848	17,715,608	86%	10.35%	12.00%
6	2,001	152,596,805	20,164,763	18,311,617	110%	13.21%	12.00%
7	1,581	125,473,159	17,962,952	15,056,779	119%	14.32%	12.00%
8	1,195	94,136,901	9,342,429	11,296,428	83%	9.92%	12.00%
9	1,231	94,849,045	9,180,085	11,381,885	81%	9.68%	12.00%
10	1,554	124,503,102	15,689,624	14,940,372	105%	12.60%	12.00%
11	1,661	138,819,529	20,762,893	16,658,343	125%	14.96%	12.00%
12	1,615	136,972,711	16,428,498	16,436,725	100%	11.99%	12.00%
13	879	74,824,792	8,733,723	8,978,975	97%	11.67%	12.00%
14	742	61,949,182	7,702,361	7,433,902	104%	12.43%	12.00%
15	607	51,802,617	5,883,071	6,216,314	95%	11.36%	12.00%
16	765	65,877,604	8,532,451	7,905,313	108%	12.95%	12.00%
17	773	68,540,055	7,599,606	8,224,807	92%	11.09%	12.00%
18	508	44,983,395	7,828,050	5,398,007	145%	17.40%	12.00%
19	843	75,438,393	7,546,265	9,052,607	83%	10.00%	12.00%
20	780	71,767,960	7,824,719	8,612,155	91%	10.90%	12.00%
21	735	68,521,580	10,503,822	8,222,590	128%	15.33%	12.00%
22	812	75,959,667	10,396,289	9,115,160	114%	13.69%	12.00%
23	597	56,043,495	6,768,518	6,725,219	101%	12.08%	12.00%
24	472	44,331,562	5,905,546	5,319,787	111%	13.32%	12.00%
25	423	40,255,227	4,930,132	4,830,627	102%	12.25%	12.00%
26	293	27,858,969	3,880,575	3,343,076	116%	13.93%	12.00%
27	217	20,586,407	2,745,194	2,470,369	111%	13.33%	12.00%
28	198	19,378,864	2,083,775	2,325,464	90%	10.75%	12.00%
29	133	13,523,652	1,457,028	1,622,838	90%	10.77%	12.00%
30	92	9,489,728	1,083,631	1,138,767	95%	11.42%	12.00%
31	63	6,670,988	603,333	800,519	75%	9.04%	12.00%
32	22	2,344,916	283,365	281,390	101%	12.08%	12.00%
33	11	1,109,422	83,244	133,131	63%	7.50%	12.00%
34	3	321,991	22,645	38,639	59%	7.03%	12.00%
35	9	983,593	48,152	118,031	41%	4.90%	12.00%
36	15	1,438,415	80,262	172,610	46%	5.58%	12.00%
37	16	1,522,396	144,847	182,688	79%	9.51%	12.00%
38	13	1,290,829	110,844	154,900	72%	8.59%	12.00%
39	14	1,392,078	65,309	167,049	39%	4.69%	12.00%
40	6	609,529	17,513	73,144	24%	2.87%	12.00%
41	4	396,735	9,467	47,608	20%	2.39%	12.00%
42	3	308,438	-	37,013			12.00%
43	1	79,677	3,958	9,561	41%	4.97%	12.00%
44	1	83,175	9,805	9,981	98%	11.79%	12.00%
45	1	81,253	14,800	9,750	152%	18.21%	12.00%
Total	27,077	2,101,233,148	255,417,075	252,147,978	101%	12.16%	12.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	13	\$ 491,430	\$ 20,568	\$ 58,972	35%	4.19%	12.00%
1	507	20,076,056	1,393,130	2,409,127	58%	6.94%	12.00%
2	666	26,354,724	2,355,579	3,162,567	74%	8.94%	12.00%
3	1,020	43,650,817	4,717,944	5,238,098	90%	10.81%	12.00%
4	1,673	85,912,219	9,217,462	10,309,466	89%	10.73%	12.00%
5	2,309	147,630,068	15,278,848	17,715,608	86%	10.35%	12.00%
6	2,001	152,596,805	20,164,763	18,311,617	110%	13.21%	12.00%
7	1,581	125,473,159	17,962,952	15,056,779	119%	14.32%	12.00%
8	1,195	94,136,901	9,342,429	11,296,428	83%	9.92%	12.00%
9	1,231	94,849,045	9,180,085	11,381,885	81%	9.68%	12.00%
10	1,554	124,503,102	15,689,624	14,940,372	105%	12.60%	12.00%
11	1,661	138,819,529	20,762,893	16,658,343	125%	14.96%	12.00%
12	1,615	136,972,711	16,428,498	16,436,725	100%	11.99%	12.00%
13	879	74,824,792	8,733,723	8,978,975	97%	11.67%	12.00%
14	742	61,949,182	7,702,361	7,433,902	104%	12.43%	12.00%
15	607	51,802,617	5,883,071	6,216,314	95%	11.36%	12.00%
16	765	65,877,604	8,532,451	7,905,313	108%	12.95%	12.00%
17	773	68,540,055	7,599,606	8,224,807	92%	11.09%	12.00%
18	508	44,983,395	7,828,050	5,398,007	145%	17.40%	12.00%
19	843	75,438,393	7,546,265	9,052,607	83%	10.00%	12.00%
20	780	71,767,960	7,824,719	8,612,155	91%	10.90%	12.00%
21	735	68,521,580	10,503,822	8,222,590	128%	15.33%	12.00%
22	812	75,959,667	10,396,289	9,115,160	114%	13.69%	12.00%
23	597	56,043,495	6,768,518	6,725,219	101%	12.08%	12.00%
24	472	44,331,562	5,905,546	5,319,787	111%	13.32%	12.00%
25	423	40,255,227	4,930,132	4,830,627	102%	12.25%	12.00%
26	293	27,858,969	3,880,575	3,343,076	116%	13.93%	12.00%
27	217	20,586,407	2,745,194	2,470,369	111%	13.33%	12.00%
28	198	19,378,864	2,083,775	2,325,464	90%	10.75%	12.00%
29	133	13,523,652	1,457,028	1,622,838	90%	10.77%	12.00%
30	92	9,489,728	1,083,631	1,138,767	95%	11.42%	12.00%
31	63	6,670,988	603,333	800,519	75%	9.04%	12.00%
32	22	2,344,916	283,365	281,390	101%	12.08%	12.00%
33	11	1,109,422	83,244	133,131	63%	7.50%	12.00%
34	3	321,991	22,645	38,639	59%	7.03%	12.00%
35	9	983,593	48,152	118,031	41%	4.90%	12.00%
36	15	1,438,415	80,262	172,610	46%	5.58%	12.00%
37	16	1,522,396	144,847	182,688	79%	9.51%	12.00%
38	13	1,290,829	110,844	154,900	72%	8.59%	12.00%
39	14	1,392,078	65,309	167,049	39%	4.69%	12.00%
40	6	609,529	17,513	73,144	24%	2.87%	12.00%
41	4	396,735	9,467	47,608	20%	2.39%	12.00%
42	3	308,438	-	37,013			12.00%
43	1	79,677	3,958	9,561	41%	4.97%	12.00%
44	1	83,175	9,805	9,981	98%	11.79%	12.00%
45	1	81,253	14,800	9,750	152%	18.21%	12.00%
Total	27,077	2,101,233,148	255,417,075	252,147,978	101%	12.16%	12.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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%	12.00%
1	0	-	-	-		0.00%	12.00%
2	0	-	-	-		0.00%	12.00%
3	0	-	-	-		0.00%	12.00%
4	0	-	-	-		0.00%	12.00%
5	0	-	-	-		0.00%	12.00%
6	0	-	-	-		0.00%	12.00%
7	0	-	-	-		0.00%	12.00%
8	0	-	-	-		0.00%	12.00%
9	0	-	-	-		0.00%	12.00%
10	0	-	-	-		0.00%	12.00%
11	0	-	-	-		0.00%	12.00%
12	0	-	-	-		0.00%	12.00%
13	0	-	-	-		0.00%	12.00%
14	0	-	-	-		0.00%	12.00%
15	0	-	-	-		0.00%	12.00%
16	0	-	-	-		0.00%	12.00%
17	0	-	-	-		0.00%	12.00%
18	0	-	-	-		0.00%	12.00%
19	0	-	-	-		0.00%	12.00%
20	277	\$ 24,560,855	\$ 2,085,768	\$ 2,947,303	71%	8.49%	12.00%
21	113	10,153,897	1,465,712	1,218,468	120%	14.43%	12.00%
22	104	9,376,363	1,297,517	1,125,164	115%	13.84%	12.00%
23	78	7,190,285	848,689	862,834	98%	11.80%	12.00%
24	57	5,235,313	697,299	628,238	111%	13.32%	12.00%
25	85	7,917,631	922,479	950,116	97%	11.65%	12.00%
26	58	5,519,206	817,177	662,305	123%	14.81%	12.00%
27	41	4,083,617	527,381	490,034	108%	12.91%	12.00%
28	31	3,020,644	359,677	362,477	99%	11.91%	12.00%
29	29	2,950,640	313,526	354,077	89%	10.63%	12.00%
30	41	4,176,663	561,069	501,200	112%	13.43%	12.00%
31	14	1,389,368	138,297	166,724	83%	9.95%	12.00%
32	7	812,696	63,868	97,524	65%	7.86%	12.00%
33	4	483,897	57,663	58,068	99%	11.92%	12.00%
34	2	215,463	34,970	25,856	135%	16.23%	12.00%
35	2	179,425	33,479	21,531	155%	18.66%	12.00%
36	4	544,549	26,437	65,346	40%	4.85%	12.00%
37	3	332,934	7,005	39,952	18%	2.10%	12.00%
38	2	164,680	7,801	19,762	39%	4.74%	12.00%
39	0	-	-	-		0.00%	12.00%
40	0	-	-	-		0.00%	12.00%
41	1	123,139	27,617	14,777	187%	22.43%	12.00%
42	1	89,622	3,839	10,755	36%	4.28%	12.00%
43	0	-	-	-		0.00%	12.00%
44	0	-	-	-		0.00%	12.00%
45	0	-	-	-		0.00%	12.00%
Total	954	88,520,889	10,297,270	10,622,507	97%	11.63%	12.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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%	12.00%
1	0	-	-	-		0.00%	12.00%
2	0	-	-	-		0.00%	12.00%
3	0	-	-	-		0.00%	12.00%
4	0	-	-	-		0.00%	12.00%
5	0	-	-	-		0.00%	12.00%
6	0	-	-	-		0.00%	12.00%
7	0	-	-	-		0.00%	12.00%
8	0	-	-	-		0.00%	12.00%
9	0	-	-	-		0.00%	12.00%
10	0	-	-	-		0.00%	12.00%
11	0	-	-	-		0.00%	12.00%
12	0	-	-	-		0.00%	12.00%
13	0	-	-	-		0.00%	12.00%
14	0	-	-	-		0.00%	12.00%
15	0	-	-	-		0.00%	12.00%
16	0	-	-	-		0.00%	12.00%
17	0	-	-	-		0.00%	12.00%
18	0	-	-	-		0.00%	12.00%
19	0	-	-	-		0.00%	12.00%
20	277	\$ 24,560,855	\$ 2,085,768	\$ 2,947,303	71%	8.49%	12.00%
21	113	10,153,897	1,465,712	1,218,468	120%	14.43%	12.00%
22	104	9,376,363	1,297,517	1,125,164	115%	13.84%	12.00%
23	78	7,190,285	848,689	862,834	98%	11.80%	12.00%
24	57	5,235,313	697,299	628,238	111%	13.32%	12.00%
25	85	7,917,631	922,479	950,116	97%	11.65%	12.00%
26	58	5,519,206	817,177	662,305	123%	14.81%	12.00%
27	41	4,083,617	527,381	490,034	108%	12.91%	12.00%
28	31	3,020,644	359,677	362,477	99%	11.91%	12.00%
29	29	2,950,640	313,526	354,077	89%	10.63%	12.00%
30	41	4,176,663	561,069	501,200	112%	13.43%	12.00%
31	14	1,389,368	138,297	166,724	83%	9.95%	12.00%
32	7	812,696	63,868	97,524	65%	7.86%	12.00%
33	4	483,897	57,663	58,068	99%	11.92%	12.00%
34	2	215,463	34,970	25,856	135%	16.23%	12.00%
35	2	179,425	33,479	21,531	155%	18.66%	12.00%
36	4	544,549	26,437	65,346	40%	4.85%	12.00%
37	3	332,934	7,005	39,952	18%	2.10%	12.00%
38	2	164,680	7,801	19,762	39%	4.74%	12.00%
39	0	-	-	-		0.00%	12.00%
40	0	-	-	-		0.00%	12.00%
41	1	123,139	27,617	14,777	187%	22.43%	12.00%
42	1	89,622	3,839	10,755	36%	4.28%	12.00%
43	0	-	-	-		0.00%	12.00%
44	0	-	-	-		0.00%	12.00%
45	0	-	-	-		0.00%	12.00%
Total	954	88,520,889	10,297,270	10,622,507	97%	11.63%	12.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	-	-	-			12.00%
1	0	-	-	-			12.00%
2	0	-	-	-			12.00%
3	0	-	-	-			12.00%
4	1	\$ 50,257	\$ 1,519	\$ 6,031	25%	3.02%	12.00%
5	6	366,438	16,898	43,973	38%	4.61%	12.00%
6	4	274,046	1,365	32,886	4%	0.50%	12.00%
7	3	225,417	17,621	27,050	65%	7.82%	12.00%
8	5	361,919	10,101	43,430	23%	2.79%	12.00%
9	3	211,202	4,154	25,344	16%	1.97%	12.00%
10	13	950,917	32,474	114,110	28%	3.42%	12.00%
11	18	1,318,607	48,754	158,233	31%	3.70%	12.00%
12	18	1,344,452	39,935	161,334	25%	2.97%	12.00%
13	10	818,499	24,036	98,220	24%	2.94%	12.00%
14	7	531,119	47,508	63,734	75%	8.94%	12.00%
15	7	510,487	9,605	61,258	16%	1.88%	12.00%
16	12	934,453	65,470	112,134	58%	7.01%	12.00%
17	10	762,868	19,164	91,544	21%	2.51%	12.00%
18	1	73,047	104	8,766	1%	0.14%	12.00%
19	9	691,361	20,295	82,963	24%	2.94%	12.00%
20	22	1,737,704	65,233	208,524	31%	3.75%	12.00%
21	10	879,672	70,394	105,561	67%	8.00%	12.00%
22	13	1,124,732	46,712	134,968	35%	4.15%	12.00%
23	5	393,121	12,634	47,174	27%	3.21%	12.00%
24	6	550,854	34,940	66,102	53%	6.34%	12.00%
25	7	681,580	27,789	81,790	34%	4.08%	12.00%
26	3	224,179	5,335	26,902	20%	2.38%	12.00%
27	6	603,417	50,023	72,410	69%	8.29%	12.00%
28	0	-	-	-			12.00%
29	3	283,388	23,730	34,007	70%	8.37%	12.00%
30	1	100,405	10,019	12,049	83%	9.98%	12.00%
31	2	180,386	-	21,646			12.00%
32	0	-	-	-			12.00%
33	1	82,910	10,812	9,949	109%	13.04%	12.00%
34	0	-	-	-			12.00%
35	0	-	-	-			12.00%
36	0	-	-	-			12.00%
37	0	-	-	-			12.00%
38	0	-	-	-			12.00%
39	0	-	-	-			12.00%
40	0	-	-	-			12.00%
41	0	-	-	-			12.00%
42	0	-	-	-			12.00%
43	0	-	-	-			12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	206	16,267,437	716,624	1,952,092	37%	4.41%	12.00%

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	-	-	-			12.00%
1	0	-	-	-			12.00%
2	0	-	-	-			12.00%
3	0	-	-	-			12.00%
4	1	\$ 50,257	\$ 1,519	\$ 6,031	25%	3.02%	12.00%
5	6	366,438	16,898	43,973	38%	4.61%	12.00%
6	4	274,046	1,365	32,886	4%	0.50%	12.00%
7	3	225,417	17,621	27,050	65%	7.82%	12.00%
8	5	361,919	10,101	43,430	23%	2.79%	12.00%
9	3	211,202	4,154	25,344	16%	1.97%	12.00%
10	13	950,917	32,474	114,110	28%	3.42%	12.00%
11	18	1,318,607	48,754	158,233	31%	3.70%	12.00%
12	18	1,344,452	39,935	161,334	25%	2.97%	12.00%
13	10	818,499	24,036	98,220	24%	2.94%	12.00%
14	7	531,119	47,508	63,734	75%	8.94%	12.00%
15	7	510,487	9,605	61,258	16%	1.88%	12.00%
16	12	934,453	65,470	112,134	58%	7.01%	12.00%
17	10	762,868	19,164	91,544	21%	2.51%	12.00%
18	1	73,047	104	8,766	1%	0.14%	12.00%
19	9	691,361	20,295	82,963	24%	2.94%	12.00%
20	22	1,737,704	65,233	208,524	31%	3.75%	12.00%
21	10	879,672	70,394	105,561	67%	8.00%	12.00%
22	13	1,124,732	46,712	134,968	35%	4.15%	12.00%
23	5	393,121	12,634	47,174	27%	3.21%	12.00%
24	6	550,854	34,940	66,102	53%	6.34%	12.00%
25	7	681,580	27,789	81,790	34%	4.08%	12.00%
26	3	224,179	5,335	26,902	20%	2.38%	12.00%
27	6	603,417	50,023	72,410	69%	8.29%	12.00%
28	0	-	-	-			12.00%
29	3	283,388	23,730	34,007	70%	8.37%	12.00%
30	1	100,405	10,019	12,049	83%	9.98%	12.00%
31	2	180,386	-	21,646			12.00%
32	0	-	-	-			12.00%
33	1	82,910	10,812	9,949	109%	13.04%	12.00%
34	0	-	-	-			12.00%
35	0	-	-	-			12.00%
36	0	-	-	-			12.00%
37	0	-	-	-			12.00%
38	0	-	-	-			12.00%
39	0	-	-	-			12.00%
40	0	-	-	-			12.00%
41	0	-	-	-			12.00%
42	0	-	-	-			12.00%
43	0	-	-	-			12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	206	16,267,437	716,624	1,952,092	37%	4.41%	12.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	784	\$ 24,155,020	\$ 298,971	\$ 2,898,602	10%	1.24%	12.00%
1	3,060	115,894,382	9,198,963	13,907,326	66%	7.94%	12.00%
2	2,871	119,980,566	10,832,140	14,397,668	75%	9.03%	12.00%
3	3,799	168,458,730	17,794,857	20,215,048	88%	10.56%	12.00%
4	4,268	208,998,739	24,073,108	25,079,849	96%	11.52%	12.00%
5	4,263	250,729,327	28,591,621	30,087,519	95%	11.40%	12.00%
6	4,111	285,038,482	36,320,231	34,204,618	106%	12.74%	12.00%
7	3,675	267,006,472	33,860,100	32,040,777	106%	12.68%	12.00%
8	3,293	239,174,803	24,723,258	28,700,976	86%	10.34%	12.00%
9	2,544	184,331,476	19,465,909	22,119,777	88%	10.56%	12.00%
10	2,843	208,672,819	26,579,681	25,040,738	106%	12.74%	12.00%
11	2,855	218,153,331	31,371,171	26,178,400	120%	14.38%	12.00%
12	2,536	201,574,779	24,601,146	24,188,973	102%	12.20%	12.00%
13	2,337	174,005,854	21,041,977	20,880,703	101%	12.09%	12.00%
14	2,469	175,943,698	25,402,674	21,113,244	120%	14.44%	12.00%
15	2,449	181,535,191	24,591,327	21,784,223	113%	13.55%	12.00%
16	2,626	196,876,154	27,939,070	23,625,139	118%	14.19%	12.00%
17	2,803	216,293,955	28,908,302	25,955,275	111%	13.37%	12.00%
18	3,020	233,369,534	33,674,200	28,004,344	120%	14.43%	12.00%
19	2,838	224,225,931	28,803,205	26,907,112	107%	12.85%	12.00%
20	1,986	164,430,900	21,662,970	19,731,708	110%	13.17%	12.00%
21	1,698	146,080,681	20,857,259	17,529,682	119%	14.28%	12.00%
22	1,683	144,603,337	20,192,935	17,352,400	116%	13.96%	12.00%
23	1,329	114,769,456	15,465,005	13,772,335	112%	13.47%	12.00%
24	1,002	87,816,857	12,068,182	10,538,023	115%	13.74%	12.00%
25	764	69,036,728	8,975,350	8,284,407	108%	13.00%	12.00%
26	541	50,191,736	6,566,922	6,023,008	109%	13.08%	12.00%
27	410	38,407,648	4,473,547	4,608,918	97%	11.65%	12.00%
28	289	27,714,871	3,017,720	3,325,785	91%	10.89%	12.00%
29	204	19,564,405	2,194,441	2,347,729	93%	11.22%	12.00%
30	157	14,630,262	1,857,750	1,755,631	106%	12.70%	12.00%
31	120	11,421,098	1,251,722	1,370,532	91%	10.96%	12.00%
32	70	6,314,246	784,768	757,709	104%	12.43%	12.00%
33	58	5,171,998	484,318	620,640	78%	9.36%	12.00%
34	43	3,962,029	294,606	475,444	62%	7.44%	12.00%
35	39	3,753,937	211,593	450,472	47%	5.64%	12.00%
36	32	2,980,496	158,460	357,660	44%	5.32%	12.00%
37	25	2,250,889	201,580	270,107	75%	8.96%	12.00%
38	21	1,996,658	153,801	239,599	64%	7.70%	12.00%
39	17	1,628,502	91,103	195,420	47%	5.59%	12.00%
40	8	748,229	43,781	89,788	49%	5.85%	12.00%
41	7	631,230	29,560	75,748	39%	4.68%	12.00%
42	5	468,504	11,974	56,220	21%	2.56%	12.00%
43	1	79,677	3,958	9,561	41%	4.97%	12.00%
44	1	83,175	9,805	9,981	98%	11.79%	12.00%
45	1	81,253	14,800	9,750	152%	18.21%	12.00%
Total	69,955	4,813,238,047	599,149,821	577,588,566	104%	12.45%	12.00%

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

TABLE 13A

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	784	\$ 24,155,020	\$ 298,971	\$ 2,898,602	10%	1.24%	12.00%
1	3,060	115,894,382	9,198,963	13,907,326	66%	7.94%	12.00%
2	2,871	119,980,566	10,832,140	14,397,668	75%	9.03%	12.00%
3	3,799	168,458,730	17,794,857	20,215,048	88%	10.56%	12.00%
4	4,268	208,998,739	24,073,108	25,079,849	96%	11.52%	12.00%
5	4,263	250,729,327	28,591,621	30,087,519	95%	11.40%	12.00%
6	4,111	285,038,482	36,320,231	34,204,618	106%	12.74%	12.00%
7	3,675	267,006,472	33,860,100	32,040,777	106%	12.68%	12.00%
8	3,293	239,174,803	24,723,258	28,700,976	86%	10.34%	12.00%
9	2,544	184,331,476	19,465,909	22,119,777	88%	10.56%	12.00%
10	2,843	208,672,819	26,579,681	25,040,738	106%	12.74%	12.00%
11	2,855	218,153,331	31,371,171	26,178,400	120%	14.38%	12.00%
12	2,536	201,574,779	24,601,146	24,188,973	102%	12.20%	12.00%
13	2,337	174,005,854	21,041,977	20,880,703	101%	12.09%	12.00%
14	2,469	175,943,698	25,402,674	21,113,244	120%	14.44%	12.00%
15	2,449	181,535,191	24,591,327	21,784,223	113%	13.55%	12.00%
16	2,626	196,876,154	27,939,070	23,625,139	118%	14.19%	12.00%
17	2,803	216,293,955	28,908,302	25,955,275	111%	13.37%	12.00%
18	3,020	233,369,534	33,674,200	28,004,344	120%	14.43%	12.00%
19	2,838	224,225,931	28,803,205	26,907,112	107%	12.85%	12.00%
20	1,986	164,430,900	21,662,970	19,731,708	110%	13.17%	12.00%
21	1,698	146,080,681	20,857,259	17,529,682	119%	14.28%	12.00%
22	1,683	144,603,337	20,192,935	17,352,400	116%	13.96%	12.00%
23	1,329	114,769,456	15,465,005	13,772,335	112%	13.47%	12.00%
24	1,002	87,816,857	12,068,182	10,538,023	115%	13.74%	12.00%
25	764	69,036,728	8,975,350	8,284,407	108%	13.00%	12.00%
26	541	50,191,736	6,566,922	6,023,008	109%	13.08%	12.00%
27	410	38,407,648	4,473,547	4,608,918	97%	11.65%	12.00%
28	289	27,714,871	3,017,720	3,325,785	91%	10.89%	12.00%
29	204	19,564,405	2,194,441	2,347,729	93%	11.22%	12.00%
30	157	14,630,262	1,857,750	1,755,631	106%	12.70%	12.00%
31	120	11,421,098	1,251,722	1,370,532	91%	10.96%	12.00%
32	70	6,314,246	784,768	757,709	104%	12.43%	12.00%
33	58	5,171,998	484,318	620,640	78%	9.36%	12.00%
34	43	3,962,029	294,606	475,444	62%	7.44%	12.00%
35	39	3,753,937	211,593	450,472	47%	5.64%	12.00%
36	32	2,980,496	158,460	357,660	44%	5.32%	12.00%
37	25	2,250,889	201,580	270,107	75%	8.96%	12.00%
38	21	1,996,658	153,801	239,599	64%	7.70%	12.00%
39	17	1,628,502	91,103	195,420	47%	5.59%	12.00%
40	8	748,229	43,781	89,788	49%	5.85%	12.00%
41	7	631,230	29,560	75,748	39%	4.68%	12.00%
42	5	468,504	11,974	56,220	21%	2.56%	12.00%
43	1	79,677	3,958	9,561	41%	4.97%	12.00%
44	1	83,175	9,805	9,981	98%	11.79%	12.00%
45	1	81,253	14,800	9,750	152%	18.21%	12.00%
Total	69,955	4,813,238,047	599,149,821	577,588,566	104%	12.45%	12.00%

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

TABLE 13B

10-YEAR PERIOD ENDING 6/30/2013

<u>Service</u> <u>(1)</u>	<u>Life Years</u> <u>Exposed</u> <u>(2)</u>	<u>Salary during the</u> <u>Year</u> <u>(3)</u>	<u>Actual Overtime</u> <u>(4)</u>	<u>Expected Overtime</u> <u>(5)</u>	<u>Actual /</u> <u>Expected</u> <u>(6)</u>	<u>Increase %</u>	
						<u>Actual %</u> <u>(7)</u>	<u>Expected %</u> <u>(8)</u>
0	0	-	-	-			12.00%
1	0	-	-	-			12.00%
2	0	-	-	-			12.00%
3	0	-	-	-			12.00%
4	0	-	-	-			12.00%
5	0	-	-	-			12.00%
6	0	-	-	-			12.00%
7	0	-	-	-			12.00%
8	0	-	-	-			12.00%
9	0	-	-	-			12.00%
10	0	-	-	-			12.00%
11	0	-	-	-			12.00%
12	0	-	-	-			12.00%
13	0	-	-	-			12.00%
14	0	-	-	-			12.00%
15	0	-	-	-			12.00%
16	0	-	-	-			12.00%
17	0	-	-	-			12.00%
18	0	-	-	-			12.00%
19	0	-	-	-			12.00%
20	1,327	\$ 99,406,650	\$ 13,423,276	\$ 11,928,798	113%	13.50%	12.00%
21	293	24,033,591	3,274,114	2,884,031	114%	13.62%	12.00%
22	252	20,527,801	2,849,198	2,463,336	116%	13.88%	12.00%
23	166	14,005,563	1,958,082	1,680,668	117%	13.98%	12.00%
24	161	13,264,506	1,995,981	1,591,741	125%	15.05%	12.00%
25	161	14,068,465	1,715,061	1,688,216	102%	12.19%	12.00%
26	100	9,067,292	1,288,026	1,088,075	118%	14.21%	12.00%
27	69	6,549,519	830,609	785,942	106%	12.68%	12.00%
28	45	4,122,227	518,544	494,667	105%	12.58%	12.00%
29	51	4,570,612	593,546	548,473	108%	12.99%	12.00%
30	70	6,302,208	948,995	756,265	125%	15.06%	12.00%
31	37	3,008,264	516,672	360,992	143%	17.18%	12.00%
32	19	2,082,255	169,149	249,871	68%	8.12%	12.00%
33	32	2,586,920	390,572	310,430	126%	15.10%	12.00%
34	14	1,229,543	211,884	147,545	144%	17.23%	12.00%
35	8	666,690	122,868	80,003	154%	18.43%	12.00%
36	12	1,251,332	94,470	150,160	63%	7.55%	12.00%
37	9	998,784	32,327	119,854	27%	3.24%	12.00%
38	5	481,582	32,297	57,790	56%	6.71%	12.00%
39	3	297,417	11,311	35,690	32%	3.80%	12.00%
40	1	102,018	-	12,242			12.00%
41	3	233,479	48,143	28,018	172%	20.62%	12.00%
42	1	89,622	3,839	10,755	36%	4.28%	12.00%
43	1	87,629	10,368	10,516	99%	11.83%	12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	2,840	229,033,970	31,039,332	27,484,076	113%	13.55%	12.00%

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

TABLE 13B

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	-	-	-			12.00%
1	0	-	-	-			12.00%
2	0	-	-	-			12.00%
3	0	-	-	-			12.00%
4	0	-	-	-			12.00%
5	0	-	-	-			12.00%
6	0	-	-	-			12.00%
7	0	-	-	-			12.00%
8	0	-	-	-			12.00%
9	0	-	-	-			12.00%
10	0	-	-	-			12.00%
11	0	-	-	-			12.00%
12	0	-	-	-			12.00%
13	0	-	-	-			12.00%
14	0	-	-	-			12.00%
15	0	-	-	-			12.00%
16	0	-	-	-			12.00%
17	0	-	-	-			12.00%
18	0	-	-	-			12.00%
19	0	-	-	-			12.00%
20	1,327	\$ 99,406,650	\$ 13,423,276	\$ 11,928,798	113%	13.50%	12.00%
21	293	24,033,591	3,274,114	2,884,031	114%	13.62%	12.00%
22	252	20,527,801	2,849,198	2,463,336	116%	13.88%	12.00%
23	166	14,005,563	1,958,082	1,680,668	117%	13.98%	12.00%
24	161	13,264,506	1,995,981	1,591,741	125%	15.05%	12.00%
25	161	14,068,465	1,715,061	1,688,216	102%	12.19%	12.00%
26	100	9,067,292	1,288,026	1,088,075	118%	14.21%	12.00%
27	69	6,549,519	830,609	785,942	106%	12.68%	12.00%
28	45	4,122,227	518,544	494,667	105%	12.58%	12.00%
29	51	4,570,612	593,546	548,473	108%	12.99%	12.00%
30	70	6,302,208	948,995	756,265	125%	15.06%	12.00%
31	37	3,008,264	516,672	360,992	143%	17.18%	12.00%
32	19	2,082,255	169,149	249,871	68%	8.12%	12.00%
33	32	2,586,920	390,572	310,430	126%	15.10%	12.00%
34	14	1,229,543	211,884	147,545	144%	17.23%	12.00%
35	8	666,690	122,868	80,003	154%	18.43%	12.00%
36	12	1,251,332	94,470	150,160	63%	7.55%	12.00%
37	9	998,784	32,327	119,854	27%	3.24%	12.00%
38	5	481,582	32,297	57,790	56%	6.71%	12.00%
39	3	297,417	11,311	35,690	32%	3.80%	12.00%
40	1	102,018	-	12,242			12.00%
41	3	233,479	48,143	28,018	172%	20.62%	12.00%
42	1	89,622	3,839	10,755	36%	4.28%	12.00%
43	1	87,629	10,368	10,516	99%	11.83%	12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	2,840	229,033,970	31,039,332	27,484,076	113%	13.55%	12.00%

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

TABLE 13C

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	-	-	-			12.00%
1	0	-	-	-			12.00%
2	3	\$ 139,044	\$ 11,750	\$ 16,685	70%	8.45%	12.00%
3	2	77,381	9,006	9,286	97%	11.64%	12.00%
4	1	50,257	1,519	6,031	25%	3.02%	12.00%
5	12	707,454	24,519	84,895	29%	3.47%	12.00%
6	9	606,362	19,391	72,763	27%	3.20%	12.00%
7	12	799,266	38,654	95,912	40%	4.84%	12.00%
8	12	796,816	26,729	95,618	28%	3.35%	12.00%
9	8	505,830	18,928	60,700	31%	3.74%	12.00%
10	20	1,344,594	43,541	161,351	27%	3.24%	12.00%
11	30	2,065,954	72,327	247,915	29%	3.50%	12.00%
12	28	1,966,862	51,461	236,023	22%	2.62%	12.00%
13	26	1,797,009	54,595	215,641	25%	3.04%	12.00%
14	18	1,238,580	64,107	148,630	43%	5.18%	12.00%
15	29	1,926,425	93,714	231,171	41%	4.86%	12.00%
16	41	2,764,764	145,977	331,772	44%	5.28%	12.00%
17	37	2,646,539	99,567	317,585	31%	3.76%	12.00%
18	29	2,057,887	136,794	246,946	55%	6.65%	12.00%
19	28	1,997,806	111,653	239,737	47%	5.59%	12.00%
20	53	3,889,429	209,980	466,732	45%	5.40%	12.00%
21	27	2,090,530	135,977	250,864	54%	6.50%	12.00%
22	33	2,561,996	147,797	307,439	48%	5.77%	12.00%
23	22	1,657,624	73,564	198,915	37%	4.44%	12.00%
24	13	996,272	43,641	119,553	37%	4.38%	12.00%
25	11	932,629	33,922	111,916	30%	3.64%	12.00%
26	5	365,210	14,928	43,825	34%	4.09%	12.00%
27	6	603,417	50,023	72,410	69%	8.29%	12.00%
28	2	131,616	4,800	15,794	30%	3.65%	12.00%
29	4	395,464	40,297	47,456	85%	10.19%	12.00%
30	2	155,411	11,853	18,649	64%	7.63%	12.00%
31	2	180,386	-	21,646			12.00%
32	0	-	-	-			12.00%
33	1	82,910	10,812	9,949	109%	13.04%	12.00%
34	0	-	-	-			12.00%
35	0	-	-	-			12.00%
36	0	-	-	-			12.00%
37	0	-	-	-			12.00%
38	0	-	-	-			12.00%
39	0	-	-	-			12.00%
40	0	-	-	-			12.00%
41	0	-	-	-			12.00%
42	0	-	-	-			12.00%
43	0	-	-	-			12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	526	37,531,726	1,801,826	4,503,807	40%	4.80%	12.00%

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

TABLE 13C

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	-	-	-			12.00%
1	0	-	-	-			12.00%
2	3	\$ 139,044	\$ 11,750	\$ 16,685	70%	8.45%	12.00%
3	2	77,381	9,006	9,286	97%	11.64%	12.00%
4	1	50,257	1,519	6,031	25%	3.02%	12.00%
5	12	707,454	24,519	84,895	29%	3.47%	12.00%
6	9	606,362	19,391	72,763	27%	3.20%	12.00%
7	12	799,266	38,654	95,912	40%	4.84%	12.00%
8	12	796,816	26,729	95,618	28%	3.35%	12.00%
9	8	505,830	18,928	60,700	31%	3.74%	12.00%
10	20	1,344,594	43,541	161,351	27%	3.24%	12.00%
11	30	2,065,954	72,327	247,915	29%	3.50%	12.00%
12	28	1,966,862	51,461	236,023	22%	2.62%	12.00%
13	26	1,797,009	54,595	215,641	25%	3.04%	12.00%
14	18	1,238,580	64,107	148,630	43%	5.18%	12.00%
15	29	1,926,425	93,714	231,171	41%	4.86%	12.00%
16	41	2,764,764	145,977	331,772	44%	5.28%	12.00%
17	37	2,646,539	99,567	317,585	31%	3.76%	12.00%
18	29	2,057,887	136,794	246,946	55%	6.65%	12.00%
19	28	1,997,806	111,653	239,737	47%	5.59%	12.00%
20	53	3,889,429	209,980	466,732	45%	5.40%	12.00%
21	27	2,090,530	135,977	250,864	54%	6.50%	12.00%
22	33	2,561,996	147,797	307,439	48%	5.77%	12.00%
23	22	1,657,624	73,564	198,915	37%	4.44%	12.00%
24	13	996,272	43,641	119,553	37%	4.38%	12.00%
25	11	932,629	33,922	111,916	30%	3.64%	12.00%
26	5	365,210	14,928	43,825	34%	4.09%	12.00%
27	6	603,417	50,023	72,410	69%	8.29%	12.00%
28	2	131,616	4,800	15,794	30%	3.65%	12.00%
29	4	395,464	40,297	47,456	85%	10.19%	12.00%
30	2	155,411	11,853	18,649	64%	7.63%	12.00%
31	2	180,386	-	21,646			12.00%
32	0	-	-	-			12.00%
33	1	82,910	10,812	9,949	109%	13.04%	12.00%
34	0	-	-	-			12.00%
35	0	-	-	-			12.00%
36	0	-	-	-			12.00%
37	0	-	-	-			12.00%
38	0	-	-	-			12.00%
39	0	-	-	-			12.00%
40	0	-	-	-			12.00%
41	0	-	-	-			12.00%
42	0	-	-	-			12.00%
43	0	-	-	-			12.00%
44	0	-	-	-			12.00%
45	0	-	-	-			12.00%
Total	526	37,531,726	1,801,826	4,503,807	40%	4.80%	12.00%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
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	6,950	\$ 379,146,642	\$ 64,411,927	\$ 45,497,597	142%	16.99%	12.00%
2005	6,901	386,644,529	75,438,181	46,397,343	163%	19.51%	12.00%
2006	7,042	446,996,613	63,439,557	53,639,594	118%	14.19%	12.00%
2007	7,218	466,918,757	49,329,036	56,030,251	88%	10.56%	12.00%
2008	7,352	505,579,854	51,221,748	60,669,583	84%	10.13%	12.00%
2009	7,418	526,922,481	39,929,385	63,230,698	63%	7.58%	12.00%
2010	7,169	516,517,067	43,294,030	61,982,048	70%	8.38%	12.00%
2011	6,789	526,250,693	64,101,072	63,150,083	102%	12.18%	12.00%
2012	6,577	530,663,179	101,230,828	63,679,581	159%	19.08%	12.00%
2013	6,543	527,882,862	46,801,147	63,345,943	74%	8.87%	12.00%
Total	69,959	4,813,522,676	599,196,911	577,622,721	104%	12.45%	12.00%