

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

Table Number	Table Type	2-YEAR PERIOD ENDING 6/30/2011		10-YEAR PERIOD ENDING 6/30/2011		GRS' Ideal A/E Range	Comments
		Ratio of Actual to Expected	Average Number of Decrements per Year	Ratio of Actual to Expected	Average Number of Decrements per Year		
	Service Retiree Mortality					110-120%	Current assumption does provide some margin for future improvement in longevity, but the amount of margin is decreasing rapidly.
1A	Men	109%	279	119%	287		
1B	Women	119%	2	109%	2		
1C	Men & Women	109%	280	119%	289		
1D	By Year						
	Disabled Retiree Mortality					100-120%	Current assumption does provide margin for future improvement in longevity.
2A	Men	116%	73	121%	69		
2B	Women	388%	1	278%	0		
2C	Men & Women	109%	74	119%	70		
2D	By Year						
	Active Member Withdrawals					100-105%	Actual withdrawals are considerably outpacing the expectations.
3A	Men	105%	45	126%	67		
3B	Women	143%	2	144%	2		
3C	Men & Women	106%	46	127%	69		
3D	By Year						
	Active Member Service Retirements					90-100%	The current assumption is likely too conservative.
	In 1st Year of Eligibility						
4A	Total	51%	116	54%	87		
4B	Improved	52%	98	42%	58		
4C	Un-Improved	46%	18	120%	29		
	In 2nd Year of Eligibility						
5A	Total	86%	43	79%	33		
5B	Improved	91%	42	65%	25		
5C	Un-Improved	28%	1	211%	9		
	After 2nd Year of Eligibility						
6A	Total	78%	117	91%	105		
6B	Improved	85%	113	77%	67		
6C	Un-Improved	22%	4	136%	38		
6D	By Year						
	Reduced Service Retirements						
7A	Total	120%	1	6014%	69		
7B	By Year						

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

Table Number	Table Type	2-YEAR PERIOD ENDING 6/30/2011		10-YEAR PERIOD ENDING 6/30/2011		GRS' Ideal A/E Range	Comments
		Ratio of Actual to Expected	Average Number of Decrements per Year*	Ratio of Actual to Expected	Average Number of Decrements per Year*		
8A	Active Member Ordinary Mortality					80-100%	Minor Assumption.
8B	Men	90%	9	123%	12		
8C	Women	0%	0	143%	0		
8D	Men & Women By Year	89%	9	123%	12		
9A	Active Member Accidental Mortality	0%	0	66%	1	80-100%	In total, the number of disabilities appears reasonable when compared to current assumptions. The allocation between ordinary and accidental disabilities does not appear to be consistent with expectations from the current assumptions and we believe it has to do with the introduction of the Tier IV status code. We will work with the OA to determine the appropriate classification for this new code.
9B	By Year						
10A	Active Member Ordinary Disability						
10B	Men	7%	2	62%	14		
10C	Women	0%	0	105%	1	80-100%	
10D	Men & Women By Year	7%	2	63%	15		
11A	Active Member Accidental Disability						
11B	Men	200%	54	132%	36		
11C	Women	211%	2	129%	1		Overall, experience has slightly outpaced assumption, especially when adjusted for actual versus expected inflation.
11D	Men & Women By Year	200%	55	132%	37		
12A	Salary Increases*	Expected	Actual	Expected	Actual		
12B	Total	8.96%	6.94%	7.82%	8.02%		
12C	Merit Only	5.46%	4.23%	4.32%	3.58%		Experience has been close to the current assumption.
	General Increase over Inflation	1.00%	-1.00%	1.00%	2.43%		
	By Year						
13A	Overtime Pay*	Expected	Actual	Expected	Actual		
13B	For All Years	12.00%	9.19%	12.00%	11.15%		
13C	In Year Before Service Retirement	12.00%	19.65%	12.00%	15.29%		
13D	In Year Before Disability Retirement	12.00%	10.23%	12.00%	4.46%		
	By Year						

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

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

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN

TABLE 1A				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.1420%		0.0		0%	
42	0	4	0.0000	0.1784%		0.0		0%	
43	0	21	0.0000	0.2115%		0.0		0%	
44	0	33	0.0000	0.2415%		0.1		0%	
45	0	53	0.0000	0.2684%		0.1		0%	
46	0	71	0.0000	0.2891%		0.2		0%	
47	0	72	0.0000	0.3064%		0.2		0%	
48	0	74	0.0000	0.3206%		0.2		0%	
49	0	71	0.0000	0.3318%		0.2		0%	
50	0	61	0.0000	0.3401%		0.2		0%	
51	0	68	0.0000	0.3799%		0.3		0%	
52	0	98	0.0000	0.4199%		0.4		0%	
53	2	210	0.0095	0.4699%		1.0		203%	
54	0	401	0.0000	0.5218%		2.1		0%	
55	3	545	0.0055	0.5880%		3.2		94%	
56	2	558	0.0036	0.6416%		3.6		56%	
57	6	493	0.0122	0.6971%		3.4		175%	
58	8	466	0.0172	0.7548%		3.5		227%	
59	3	469	0.0064	0.7974%		3.7		80%	
60	7	475	0.0147	0.8400%		4.0		175%	
61	6	496	0.0121	0.9471%		4.7		128%	
62	4	695	0.0058	1.0338%		7.2		56%	
63	9	829	0.0109	1.1422%		9.5		95%	
64	8	682	0.0117	1.2260%		8.4		96%	
65	6	571	0.0105	1.3072%		7.5		80%	
66	2	615	0.0033	1.4458%		8.9		22%	
67	14	629	0.0223	1.5561%		9.8		143%	
68	12	538	0.0223	1.6315%		8.8		137%	
69	8	483	0.0166	1.7395%		8.4		95%	
70	4	418	0.0096	1.8086%		7.6		53%	
71	5	352	0.0142	1.9706%		6.9		72%	
72	11	334	0.0329	2.1361%		7.1		154%	
73	7	291	0.0241	2.3049%		6.7		104%	
74	6	268	0.0224	2.4771%		6.6		90%	
75	10	268	0.0373	2.7100%		7.3		138%	
76	6	271	0.0221	3.1242%		8.5		71%	
77	20	287	0.0697	3.6235%		10.4		192%	
78	13	296	0.0439	4.1520%		12.3		106%	
79	16	304	0.0526	4.7110%		14.3		112%	
80	21	329	0.0638	5.3016%		17.4		120%	
81	22	350	0.0629	5.9547%		20.8		106%	
82	25	385	0.0649	6.6330%		25.5		98%	
83	36	394	0.0914	7.1838%		28.3		127%	
84	31	340	0.0912	7.9001%		26.9		115%	
85	24	287	0.0836	8.4627%		24.3		99%	
86	25	244	0.1025	9.5515%		23.3		107%	
87	22	220	0.1000	10.9077%		24.0		92%	
88	27	188	0.1436	12.3579%		23.2		116%	
89	31	159	0.1950	13.6163%		21.6		143%	
90	26	126	0.2063	15.2335%		19.2		135%	
91	16	111	0.1441	16.9195%		18.8		85%	
92	14	95	0.1474	18.9699%		18.0		78%	
93	17	58	0.2931	20.6300%		12.0		142%	
94	4	32	0.1250	22.3039%		7.1		56%	
95	10	22	0.4545	24.6664%		5.4		184%	
96	3	13	0.2308	26.4731%		3.4		87%	
97	2	9	0.2222	28.2117%		2.5		79%	
98	1	2	0.5000	30.5959%		0.6		163%	
99	0	4	0.0000	32.1805%		1.3		0%	
Subtotal	555	16,238				511.2		109%	
Other Ages	2	5	0.4000	27.1030%		1.4		148%	
Total	557	16,243				512.6		109%	

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

TABLE 1B				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.0643%		0.0		0%	
42	0	0	N/A	0.0713%		0.0		0%	
43	0	0	N/A	0.0801%		0.0		0%	
44	0	0	N/A	0.0908%		0.0		0%	
45	0	1	0.0000	0.1014%		0.0		0%	
46	0	1	0.0000	0.1134%		0.0		0%	
47	0	0	N/A	0.1266%		0.0		0%	
48	0	0	N/A	0.1435%		0.0		0%	
49	0	1	0.0000	0.1617%		0.0		0%	
50	0	1	0.0000	0.1846%		0.0		0%	
51	0	2	0.0000	0.2126%		0.0		0%	
52	0	2	0.0000	0.2489%		0.0		0%	
53	0	1	0.0000	0.2899%		0.0		0%	
54	0	2	0.0000	0.3365%		0.0		0%	
55	0	1	0.0000	0.3893%		0.0		0%	
56	0	2	0.0000	0.4671%		0.0		0%	
57	0	4	0.0000	0.5444%		0.0		0%	
58	0	0	N/A	0.6162%		0.0		0%	
59	0	1	0.0000	0.6920%		0.0		0%	
60	0	1	0.0000	0.7716%		0.0		0%	
61	0	1	0.0000	0.8568%		0.0		0%	
62	0	1	0.0000	0.9287%		0.0		0%	
63	0	0	N/A	0.9991%		0.0		0%	
64	0	0	N/A	1.0739%		0.0		0%	
65	0	1	0.0000	1.1533%		0.0		0%	
66	0	1	0.0000	1.2383%		0.0		0%	
67	0	0	N/A	1.3337%		0.0		0%	
68	0	0	N/A	1.4338%		0.0		0%	
69	0	0	N/A	1.5038%		0.0		0%	
70	0	2	0.0000	1.5676%		0.0		0%	
71	0	1	0.0000	1.7044%		0.0		0%	
72	0	0	N/A	1.8700%		0.0		0%	
73	0	1	0.0000	1.9896%		0.0		0%	
74	0	1	0.0000	2.1445%		0.0		0%	
75	0	0	N/A	2.2479%		0.0		0%	
76	0	0	N/A	2.5388%		0.0		0%	
77	0	0	N/A	2.8903%		0.0		0%	
78	0	0	N/A	3.1875%		0.0		0%	
79	0	0	N/A	3.4847%		0.0		0%	
80	0	0	N/A	3.7819%		0.0		0%	
81	0	1	0.0000	4.2520%		0.0		0%	
82	0	2	0.0000	4.7311%		0.1		0%	
83	0	1	0.0000	5.2191%		0.1		0%	
84	0	0	N/A	5.7160%		0.0		0%	
85	0	0	N/A	6.3549%		0.0		0%	
86	0	0	N/A	7.4018%		0.0		0%	
87	0	0	N/A	8.4902%		0.0		0%	
88	0	0	N/A	9.4208%		0.0		0%	
89	0	0	N/A	10.5719%		0.0		0%	
90	0	0	N/A	11.5224%		0.0		0%	
91	0	0	N/A	13.1562%		0.0		0%	
92	0	0	N/A	14.7364%		0.0		0%	
93	0	1	0.0000	16.6272%		0.2		0%	
94	0	1	0.0000	18.0995%		0.2		0%	
95	0	0	N/A	19.5152%		0.0		0%	
96	0	1	0.0000	20.6382%		0.2		0%	
97	1	4	0.2500	22.0721%		0.9		113%	
98	2	3	0.6667	22.7737%		0.7		293%	
99	0	0	N/A	23.1685%		0.0		0%	
Subtotal	3	43				2.5		119%	
Other Ages	0	0	N/A	0.0000%		0		0%	
Total	3	43				2.5		119%	

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

TABLE 1C				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.0000%		0.0		0%	
42	0	4	0.0000	0.1784%		0.0		0%	
43	0	21	0.0000	0.2115%		0.0		0%	
44	0	33	0.0000	0.2415%		0.1		0%	
45	0	54	0.0000	0.2653%		0.1		0%	
46	0	72	0.0000	0.2867%		0.2		0%	
47	0	72	0.0000	0.3064%		0.2		0%	
48	0	74	0.0000	0.3206%		0.2		0%	
49	0	72	0.0000	0.3294%		0.2		0%	
50	0	62	0.0000	0.3376%		0.2		0%	
51	0	70	0.0000	0.3751%		0.3		0%	
52	0	100	0.0000	0.4165%		0.4		0%	
53	2	211	0.0095	0.4690%		1.0		202%	
54	0	403	0.0000	0.5209%		2.1		0%	
55	3	546	0.0055	0.5876%		3.2		94%	
56	2	560	0.0036	0.6410%		3.6		56%	
57	6	497	0.0121	0.6959%		3.5		173%	
58	8	466	0.0172	0.7548%		3.5		227%	
59	3	470	0.0064	0.7972%		3.7		80%	
60	7	476	0.0147	0.8399%		4.0		175%	
61	6	497	0.0121	0.9469%		4.7		127%	
62	4	696	0.0057	1.0336%		7.2		56%	
63	9	829	0.0109	1.1422%		9.5		95%	
64	8	682	0.0117	1.2260%		8.4		96%	
65	6	572	0.0105	1.3069%		7.5		80%	
66	2	616	0.0032	1.4455%		8.9		22%	
67	14	629	0.0223	1.5561%		9.8		143%	
68	12	538	0.0223	1.6315%		8.8		137%	
69	8	483	0.0166	1.7395%		8.4		95%	
70	4	420	0.0095	1.8075%		7.6		53%	
71	5	353	0.0142	1.9698%		7.0		72%	
72	11	334	0.0329	2.1361%		7.1		154%	
73	7	292	0.0240	2.3038%		6.7		104%	
74	6	269	0.0223	2.4759%		6.7		90%	
75	10	268	0.0373	2.7100%		7.3		138%	
76	6	271	0.0221	3.1242%		8.5		71%	
77	20	287	0.0697	3.6235%		10.4		192%	
78	13	296	0.0439	4.1520%		12.3		106%	
79	16	304	0.0526	4.7110%		14.3		112%	
80	21	329	0.0638	5.3016%		17.4		120%	
81	22	351	0.0627	5.9498%		20.9		105%	
82	25	387	0.0646	6.6232%		25.6		98%	
83	36	395	0.0911	7.1788%		28.4		127%	
84	31	340	0.0912	7.9001%		26.9		115%	
85	24	287	0.0836	8.4627%		24.3		99%	
86	25	244	0.1025	9.5515%		23.3		107%	
87	22	220	0.1000	10.9077%		24.0		92%	
88	27	188	0.1436	12.3579%		23.2		116%	
89	31	159	0.1950	13.6163%		21.6		143%	
90	26	126	0.2063	15.2335%		19.2		135%	
91	16	111	0.1441	16.9195%		18.8		85%	
92	14	95	0.1474	18.9699%		18.0		78%	
93	17	59	0.2881	20.5622%		12.1		140%	
94	4	33	0.1212	22.1765%		7.3		55%	
95	10	22	0.4545	24.6664%		5.4		184%	
96	3	14	0.2143	26.0563%		3.6		82%	
97	3	13	0.2308	26.3226%		3.4		88%	
98	3	5	0.6000	25.9026%		1.3		232%	
99	0	4	0.0000	32.1805%		1.3		0%	
Subtotal	558	16,281				513.7		109%	
Other Ages	2	5	0.4000	27.1030%		1.4		148%	
Total	560	16,286				515.1		109%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN

TABLE 1A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	58	0.0000	0.23%		0.1		0%	
45-49	0	341	0.0000	0.31%		1.0		0%	
50-54	2	838	0.0024	0.47%		4.0		51%	
55-59	22	2,531	0.0087	0.69%		17.5		126%	
60-64	34	3,177	0.0107	1.06%		33.7		101%	
65-69	42	2,836	0.0148	1.53%		43.3		97%	
70-74	33	1,663	0.0198	2.10%		35.0		94%	
75-79	65	1,426	0.0456	3.70%		52.7		123%	
80-84	135	1,798	0.0751	6.62%		119.0		113%	
85-89	129	1,098	0.1175	10.61%		116.5		111%	
90-94	77	422	0.1825	17.80%		75.1		103%	
95-99	16	50	0.3200	26.61%		13.3		120%	
Other Ages	2	5	0.4000	27.10%		1.4		148%	
Total	557	16,243				512.6		109%	

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

TABLE 1B GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)			(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	0	N/A			0		0%	
45-49	0	3	0.0000	0.13%		0.0		0%	
50-54	0	8	0.0000	0.26%		0.0		0%	
55-59	0	8	0.0000	0.52%		0.0		0%	
60-64	0	3	0.0000	0.85%		0.0		0%	
65-69	0	2	0.0000	1.20%		0.0		0%	
70-74	0	5	0.0000	1.79%		0.1		0%	
75-79	0	0	N/A			0		0%	
80-84	0	4	0.0000	4.73%		0.2		0%	
85-89	0	0	N/A			0		0%	
90-94	0	2	0.0000	17.36%		0.3		0%	
95-99	3	8	0.3750	22.16%		1.8		169%	
Other Ages	0	0	N/A			0		0%	
Total	3	43				2.5		119%	

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

TABLE 1C GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3) (5)	Proposed (8) / (3) (6)	Current (7)	Proposed (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41-44	0	58	0.0000	0.23%		0.1		0%	
45-49	0	344	0.0000	0.30%		1.0		0%	
50-54	2	846	0.0024	0.47%		4.0		50%	
55-59	22	2,539	0.0087	0.69%		17.5		126%	
60-64	34	3,180	0.0107	1.06%		33.7		101%	
65-69	42	2,838	0.0148	1.53%		43.3		97%	
70-74	33	1,668	0.0198	2.10%		35.1		94%	
75-79	65	1,426	0.0456	3.70%		52.7		123%	
80-84	135	1,802	0.0749	6.61%		119.2		113%	
85-89	129	1,098	0.1175	10.61%		116.5		111%	
90-94	77	424	0.1816	17.79%		75.4		102%	
95-99	19	58	0.3276	26.00%		15.1		126%	
Other Ages	2	5	0.4000	27.10%		1.4		148%	
Total	560	16,286				515.1		109%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN

TABLE 1A				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	6	0.0000	0.1420%		0.0		0%	
42	0	17	0.0000	0.1784%		0.0		0%	
43	0	44	0.0000	0.2115%		0.1		0%	
44	0	70	0.0000	0.2415%		0.2		0%	
45	0	106	0.0000	0.2684%		0.3		0%	
46	0	175	0.0000	0.2891%		0.5		0%	
47	1	252	0.0040	0.3064%		0.8		130%	
48	3	362	0.0083	0.3206%		1.2		258%	
49	2	515	0.0039	0.3318%		1.7		117%	
50	5	724	0.0069	0.3401%		2.5		203%	
51	9	994	0.0091	0.3799%		3.8		238%	
52	6	1,270	0.0047	0.4199%		5.3		113%	
53	7	1,575	0.0044	0.4699%		7.4		95%	
54	8	2,014	0.0040	0.5218%		10.5		76%	
55	13	2,329	0.0056	0.5880%		13.7		95%	
56	16	2,489	0.0064	0.6416%		16.0		100%	
57	26	2,572	0.0101	0.6971%		17.9		145%	
58	24	2,714	0.0088	0.7548%		20.5		117%	
59	20	2,858	0.0070	0.7974%		22.8		88%	
60	23	2,921	0.0079	0.8400%		24.5		94%	
61	30	2,971	0.0101	0.9471%		28.1		107%	
62	27	2,963	0.0091	1.0338%		30.6		88%	
63	24	2,911	0.0082	1.1422%		33.2		72%	
64	37	2,663	0.0139	1.2260%		32.6		113%	
65	23	2,414	0.0095	1.3072%		31.6		73%	
66	39	2,286	0.0171	1.4458%		33.1		118%	
67	44	2,131	0.0206	1.5561%		33.2		133%	
68	47	1,954	0.0241	1.6315%		31.9		147%	
69	25	1,813	0.0138	1.7395%		31.5		79%	
70	28	1,753	0.0160	1.8086%		31.7		88%	
71	45	1,722	0.0261	1.9706%		33.9		133%	
72	52	1,748	0.0297	2.1361%		37.3		139%	
73	44	1,805	0.0244	2.3049%		41.6		106%	
74	66	1,937	0.0341	2.4771%		48.0		138%	
75	88	2,063	0.0427	2.7100%		55.9		157%	
76	88	2,130	0.0413	3.1242%		66.5		132%	
77	88	2,169	0.0406	3.6235%		78.6		112%	
78	107	2,190	0.0489	4.1520%		90.9		118%	
79	135	2,174	0.0621	4.7110%		102.4		132%	
80	144	2,112	0.0682	5.3016%		112.0		129%	
81	167	2,035	0.0821	5.9547%		121.2		138%	
82	149	1,889	0.0789	6.6330%		125.3		119%	
83	151	1,736	0.0870	7.1838%		124.7		121%	
84	144	1,523	0.0946	7.9001%		120.3		120%	
85	132	1,324	0.0997	8.4627%		112.0		118%	
86	121	1,126	0.1075	9.5515%		107.5		113%	
87	135	966	0.1398	10.9077%		105.4		128%	
88	118	783	0.1507	12.3579%		96.8		122%	
89	105	604	0.1738	13.6163%		82.2		128%	
90	74	455	0.1626	15.2335%		69.3		107%	
91	59	344	0.1715	16.9195%		58.2		101%	
92	49	254	0.1929	18.9699%		48.2		102%	
93	46	161	0.2857	20.6300%		33.2		138%	
94	20	100	0.2000	22.3039%		22.3		90%	
95	21	69	0.3043	24.6664%		17.0		123%	
96	8	44	0.1818	26.4731%		11.6		69%	
97	10	33	0.3030	28.2117%		9.3		107%	
98	6	18	0.3333	30.5959%		5.5		109%	
99	4	12	0.3333	32.1805%		3.9		104%	
Subtotal	2,863	81,392				2,408.4		119%	
Other Ages	7	18	0.3889	23.1326%		4.2		168%	
Total	2,870	81,410				2,412.6		119%	

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

TABLE 1B				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.0643%		0.0		0%	
42	0	0	N/A	0.0713%		0.0		0%	
43	0	1	0.0000	0.0801%		0.0		0%	
44	0	1	0.0000	0.0908%		0.0		0%	
45	0	1	0.0000	0.1014%		0.0		0%	
46	0	1	0.0000	0.1134%		0.0		0%	
47	0	0	N/A	0.1266%		0.0		0%	
48	0	0	N/A	0.1435%		0.0		0%	
49	0	1	0.0000	0.1617%		0.0		0%	
50	0	2	0.0000	0.1846%		0.0		0%	
51	0	2	0.0000	0.2126%		0.0		0%	
52	0	3	0.0000	0.2489%		0.0		0%	
53	0	2	0.0000	0.2899%		0.0		0%	
54	0	2	0.0000	0.3365%		0.0		0%	
55	0	2	0.0000	0.3893%		0.0		0%	
56	0	2	0.0000	0.4671%		0.0		0%	
57	0	5	0.0000	0.5444%		0.0		0%	
58	0	1	0.0000	0.6162%		0.0		0%	
59	0	1	0.0000	0.6920%		0.0		0%	
60	0	2	0.0000	0.7716%		0.0		0%	
61	0	1	0.0000	0.8568%		0.0		0%	
62	0	1	0.0000	0.9287%		0.0		0%	
63	0	0	N/A	0.9991%		0.0		0%	
64	0	1	0.0000	1.0739%		0.0		0%	
65	1	3	0.3333	1.1533%		0.0		2890%	
66	0	3	0.0000	1.2383%		0.0		0%	
67	0	2	0.0000	1.3337%		0.0		0%	
68	0	2	0.0000	1.4338%		0.0		0%	
69	0	2	0.0000	1.5038%		0.0		0%	
70	0	3	0.0000	1.5676%		0.0		0%	
71	0	2	0.0000	1.7044%		0.0		0%	
72	0	1	0.0000	1.8700%		0.0		0%	
73	0	2	0.0000	1.9896%		0.0		0%	
74	0	3	0.0000	2.1445%		0.1		0%	
75	0	2	0.0000	2.2479%		0.0		0%	
76	0	2	0.0000	2.5388%		0.1		0%	
77	0	2	0.0000	2.8903%		0.1		0%	
78	0	2	0.0000	3.1875%		0.1		0%	
79	0	2	0.0000	3.4847%		0.1		0%	
80	0	2	0.0000	3.7819%		0.1		0%	
81	0	4	0.0000	4.2520%		0.2		0%	
82	1	6	0.1667	4.7311%		0.3		352%	
83	1	4	0.2500	5.2191%		0.2		479%	
84	0	2	0.0000	5.7160%		0.1		0%	
85	0	5	0.0000	6.3549%		0.3		0%	
86	0	5	0.0000	7.4018%		0.4		0%	
87	1	5	0.2000	8.4902%		0.4		236%	
88	0	5	0.0000	9.4208%		0.5		0%	
89	1	11	0.0909	10.5719%		1.2		86%	
90	4	12	0.3333	11.5224%		1.4		289%	
91	0	8	0.0000	13.1562%		1.1		0%	
92	1	8	0.1250	14.7364%		1.2		85%	
93	1	7	0.1429	16.6272%		1.2		86%	
94	0	6	0.0000	18.0995%		1.1		0%	
95	0	5	0.0000	19.5152%		1.0		0%	
96	0	5	0.0000	20.6382%		1.0		0%	
97	1	6	0.1667	22.0721%		1.3		76%	
98	4	5	0.8000	22.7737%		1.1		351%	
99	0	0	N/A	23.1685%		0.0		0%	
Subtotal	16	176				14.7		109%	
Other Ages	0	0	N/A	0.0000%		0		0%	
Total	16	176				14.7		109%	

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

TABLE 1C				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	6	0.0000	0.1420%		0.0		0%	
42	0	17	0.0000	0.1784%		0.0		0%	
43	0	45	0.0000	0.2086%		0.1		0%	
44	0	71	0.0000	0.2394%		0.2		0%	
45	0	107	0.0000	0.2668%		0.3		0%	
46	0	176	0.0000	0.2881%		0.5		0%	
47	1	252	0.0040	0.3064%		0.8		130%	
48	3	362	0.0083	0.3206%		1.2		258%	
49	2	516	0.0039	0.3315%		1.7		117%	
50	5	726	0.0069	0.3397%		2.5		203%	
51	9	996	0.0090	0.3796%		3.8		238%	
52	6	1,273	0.0047	0.4195%		5.3		112%	
53	7	1,577	0.0044	0.4697%		7.4		95%	
54	8	2,016	0.0040	0.5216%		10.5		76%	
55	13	2,331	0.0056	0.5878%		13.7		95%	
56	16	2,491	0.0064	0.6415%		16.0		100%	
57	26	2,577	0.0101	0.6968%		18.0		145%	
58	24	2,715	0.0088	0.7547%		20.5		117%	
59	20	2,859	0.0070	0.7974%		22.8		88%	
60	23	2,923	0.0079	0.8400%		24.6		94%	
61	30	2,972	0.0101	0.9471%		28.1		107%	
62	27	2,964	0.0091	1.0338%		30.6		88%	
63	24	2,911	0.0082	1.1422%		33.2		72%	
64	37	2,664	0.0139	1.2259%		32.7		113%	
65	24	2,417	0.0099	1.3070%		31.6		76%	
66	39	2,289	0.0170	1.4455%		33.1		118%	
67	44	2,133	0.0206	1.5559%		33.2		133%	
68	47	1,956	0.0240	1.6313%		31.9		147%	
69	25	1,815	0.0138	1.7392%		31.6		79%	
70	28	1,756	0.0159	1.8082%		31.8		88%	
71	45	1,724	0.0261	1.9703%		34.0		132%	
72	52	1,749	0.0297	2.1359%		37.4		139%	
73	44	1,807	0.0243	2.3046%		41.6		106%	
74	66	1,940	0.0340	2.4766%		48.0		137%	
75	88	2,065	0.0426	2.7096%		56.0		157%	
76	88	2,132	0.0413	3.1237%		66.6		132%	
77	88	2,171	0.0405	3.6228%		78.7		112%	
78	107	2,192	0.0488	4.1511%		91.0		118%	
79	135	2,176	0.0620	4.7099%		102.5		132%	
80	144	2,114	0.0681	5.3002%		112.0		129%	
81	167	2,039	0.0819	5.9514%		121.3		138%	
82	150	1,895	0.0792	6.6270%		125.6		119%	
83	152	1,740	0.0874	7.1793%		124.9		122%	
84	144	1,525	0.0944	7.8972%		120.4		120%	
85	132	1,329	0.0993	8.4548%		112.4		117%	
86	121	1,131	0.1070	9.5420%		107.9		112%	
87	136	971	0.1401	10.8953%		105.8		129%	
88	118	788	0.1497	12.3393%		97.2		121%	
89	106	615	0.1724	13.5618%		83.4		127%	
90	78	467	0.1670	15.1381%		70.7		110%	
91	59	352	0.1676	16.8340%		59.3		100%	
92	50	262	0.1908	18.8406%		49.4		101%	
93	47	168	0.2798	20.4632%		34.4		137%	
94	20	106	0.1887	22.0659%		23.4		86%	
95	21	74	0.2838	24.3183%		18.0		117%	
96	8	49	0.1633	25.8777%		12.7		63%	
97	11	39	0.2821	27.2671%		10.6		103%	
98	10	23	0.4348	28.8954%		6.6		150%	
99	4	12	0.3333	32.1805%		3.9		104%	
Subtotal	2,879	81,568				2,423.1		119%	
Other Ages	7	18	0.3889	23.1326%		4.2		168%	
Total	2,886	81,586				2,427.3		119%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF SERVICE RETIREES
MEN

TABLE 1A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	137	0.0000	0.22%		0.3		0%	
45-49	6	1,410	0.0043	0.31%		4.4		135%	
50-54	35	6,577	0.0053	0.45%		29.5		119%	
55-59	99	12,962	0.0076	0.70%		90.9		109%	
60-64	141	14,429	0.0098	1.03%		149.2		95%	
65-69	178	10,598	0.0168	1.52%		161.2		110%	
70-74	235	8,965	0.0262	2.15%		192.6		122%	
75-79	506	10,726	0.0472	3.68%		394.4		128%	
80-84	755	9,295	0.0812	6.49%		603.5		125%	
85-89	611	4,803	0.1272	10.49%		504.0		121%	
90-94	248	1,314	0.1887	17.60%		231.2		107%	
95-99	49	176	0.2784	26.90%		47.3		103%	
Other Ages	7	18	0.3889	23.13%		4.2		168%	
Total	2,870	81,410				2,412.6		119%	

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

TABLE 1B GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)			(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	2	0.0000	0.09%		0.0		0%	
45-49	0	3	0.0000	0.13%		0.0		0%	
50-54	0	11	0.0000	0.25%		0.0		0%	
55-59	0	11	0.0000	0.52%		0.1		0%	
60-64	0	5	0.0000	0.88%		0.0		0%	
65-69	1	12	0.0833	1.31%		0.2		636%	
70-74	0	11	0.0000	1.85%		0.2		0%	
75-79	0	10	0.0000	2.87%		0.3		0%	
80-84	2	18	0.1111	4.74%		0.9		235%	
85-89	2	31	0.0645	8.86%		2.7		73%	
90-94	6	41	0.1463	14.30%		5.9		102%	
95-99	5	21	0.2381	21.29%		4.5		112%	
Other Ages	0	0	N/A			0		0%	
Total	16	176				14.7		109%	

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

TABLE 1C GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3) (5)	Proposed (8) / (3) (6)	Current (7)	Proposed (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41-44	0	139	0.0000	0.22%		0.3		0%	
45-49	6	1,413	0.0042	0.31%		4.4		135%	
50-54	35	6,588	0.0053	0.45%		29.5		119%	
55-59	99	12,973	0.0076	0.70%		90.9		109%	
60-64	141	14,434	0.0098	1.03%		149.2		94%	
65-69	179	10,610	0.0169	1.52%		161.3		111%	
70-74	235	8,976	0.0262	2.15%		192.8		122%	
75-79	506	10,736	0.0471	3.68%		394.7		128%	
80-84	757	9,313	0.0813	6.49%		604.3		125%	
85-89	613	4,834	0.1268	10.48%		506.7		121%	
90-94	254	1,355	0.1875	17.50%		237.1		107%	
95-99	54	197	0.2741	26.30%		51.8		104%	
Other Ages	7	18	0.3889	23.13%		4.2		168%	
Total	2,886	81,586				2,427.3		119%	

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 6/30/2011				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	8,032	284	219.6	129%	3.54%	2.73%
2003	8,042	307	226.4	136%	3.82%	2.81%
2004	7,978	297	229.4	129%	3.72%	2.87%
2005	8,141	283	235.9	120%	3.48%	2.90%
2006	8,175	268	242.7	110%	3.28%	2.97%
2007	8,306	299	249.0	120%	3.60%	3.00%
2008	8,311	267	252.2	106%	3.21%	3.03%
2009	8,315	321	257.1	125%	3.86%	3.09%
2010	8,130	276	256.4	108%	3.39%	3.15%
2011	8,156	284	258.7	110%	3.48%	3.17%
Total	81,586	2,886	2,427.3	119%	3.54%	2.98%

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN

TABLE 2A				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	9	0.0000	0.8032%		0.1		0%	
42	0	9	0.0000	0.8116%		0.1		0%	
43	0	20	0.0000	0.8202%		0.2		0%	
44	1	31	0.0323	0.8290%		0.3		389%	
45	0	31	0.0000	0.8380%		0.3		0%	
46	0	35	0.0000	0.8472%		0.3		0%	
47	0	40	0.0000	0.8566%		0.3		0%	
48	0	41	0.0000	0.8662%		0.4		0%	
49	0	35	0.0000	0.8760%		0.3		0%	
50	0	40	0.0000	0.8860%		0.4		0%	
51	1	44	0.0227	0.8962%		0.4		254%	
52	0	27	0.0000	0.9066%		0.2		0%	
53	1	45	0.0222	0.9172%		0.4		242%	
54	2	84	0.0238	0.9280%		0.8		257%	
55	0	94	0.0000	0.9416%		0.9		0%	
56	2	106	0.0189	1.0122%		1.1		186%	
57	2	127	0.0157	1.0874%		1.4		145%	
58	1	125	0.0080	1.1675%		1.5		69%	
59	3	136	0.0221	1.2266%		1.7		180%	
60	3	150	0.0200	1.2880%		1.9		155%	
61	9	199	0.0452	1.3985%		2.8		323%	
62	5	272	0.0184	1.4862%		4.0		124%	
63	5	282	0.0177	1.6133%		4.5		110%	
64	4	225	0.0178	1.7144%		3.9		104%	
65	3	214	0.0140	1.8230%		3.9		77%	
66	7	216	0.0324	1.9818%		4.3		164%	
67	6	217	0.0276	2.1116%		4.6		131%	
68	6	184	0.0326	2.2053%		4.1		148%	
69	4	142	0.0282	2.3558%		3.3		120%	
70	3	123	0.0244	2.4670%		3.0		99%	
71	2	98	0.0204	2.6725%		2.6		76%	
72	2	97	0.0206	2.8985%		2.8		71%	
73	2	96	0.0208	3.1474%		3.0		66%	
74	6	86	0.0698	3.4210%		2.9		204%	
75	4	67	0.0597	3.8014%		2.5		157%	
76	0	50	0.0000	4.1564%		2.1		0%	
77	4	81	0.0494	4.6441%		3.8		106%	
78	6	89	0.0674	5.1896%		4.6		130%	
79	3	72	0.0417	5.7993%		4.2		72%	
80	6	70	0.0857	6.4798%		4.5		132%	
81	3	59	0.0508	7.2779%		4.3		70%	
82	0	52	0.0000	8.1070%		4.2		0%	
83	7	53	0.1321	8.7803%		4.7		150%	
84	4	52	0.0769	9.6557%		5.0		80%	
85	8	42	0.1905	10.3434%		4.3		184%	
86	6	26	0.2308	11.4203%		3.0		202%	
87	2	19	0.1053	12.7642%		2.4		82%	
88	2	22	0.0909	14.1602%		3.1		64%	
89	6	21	0.2857	15.2836%		3.2		187%	
90	1	15	0.0667	16.7569%		2.5		40%	
91	1	10	0.1000	18.7330%		1.9		53%	
92	1	4	0.2500	21.0630%		0.8		119%	
93	0	1	0.0000	22.8904%		0.2		0%	
94	0	2	0.0000	24.6442%		0.5		0%	
95	2	2	1.0000	26.9134%		0.5		372%	
96	0	0	N/A	28.2854%		0.0		0%	
97	0	0	N/A	29.5729%		0.0		0%	
98	0	0	N/A	31.5182%		0.0		0%	
99	0	0	N/A	32.6370%		0.0		0%	
Subtotal	146	4,489				125.0		117%	
Other Ages	0	45	0.0000	0.7721%		0.3		0%	
Total	146	4,534				125.3		116%	

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

TABLE 2B				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.7792%		0.0		0%	
42	0	0	N/A	0.7870%		0.0		0%	
43	0	1	0.0000	0.7950%		0.0		0%	
44	0	2	0.0000	0.8032%		0.0		0%	
45	0	1	0.0000	0.8116%		0.0		0%	
46	0	0	N/A	0.8202%		0.0		0%	
47	0	0	N/A	0.8290%		0.0		0%	
48	0	3	0.0000	0.8380%		0.0		0%	
49	0	4	0.0000	0.8472%		0.0		0%	
50	0	2	0.0000	0.8566%		0.0		0%	
51	0	1	0.0000	0.8662%		0.0		0%	
52	0	0	N/A	0.8760%		0.0		0%	
53	0	0	N/A	0.8860%		0.0		0%	
54	0	0	N/A	0.8962%		0.0		0%	
55	0	1	0.0000	0.9066%		0.0		0%	
56	1	2	0.5000	0.9172%		0.0		5451%	
57	0	0	N/A	0.9280%		0.0		0%	
58	0	0	N/A	0.9416%		0.0		0%	
59	0	0	N/A	1.0122%		0.0		0%	
60	0	0	N/A	1.0874%		0.0		0%	
61	0	1	0.0000	1.1675%		0.0		0%	
62	0	1	0.0000	1.2266%		0.0		0%	
63	0	0	N/A	1.2880%		0.0		0%	
64	0	1	0.0000	1.3985%		0.0		0%	
65	0	1	0.0000	1.4862%		0.0		0%	
66	0	0	N/A	1.6133%		0.0		0%	
67	0	0	N/A	1.7144%		0.0		0%	
68	0	0	N/A	1.8230%		0.0		0%	
69	0	0	N/A	1.9818%		0.0		0%	
70	0	0	N/A	2.1116%		0.0		0%	
71	0	1	0.0000	2.2053%		0.0		0%	
72	0	1	0.0000	2.3558%		0.0		0%	
73	0	0	N/A	2.4670%		0.0		0%	
74	0	0	N/A	2.6725%		0.0		0%	
75	0	0	N/A	2.8985%		0.0		0%	
76	0	0	N/A	3.1474%		0.0		0%	
77	0	0	N/A	3.4210%		0.0		0%	
78	0	0	N/A	3.8014%		0.0		0%	
79	0	0	N/A	4.1564%		0.0		0%	
80	0	0	N/A	4.6441%		0.0		0%	
81	0	0	N/A	5.1896%		0.0		0%	
82	0	0	N/A	5.7993%		0.0		0%	
83	0	0	N/A	6.4798%		0.0		0%	
84	0	0	N/A	7.2779%		0.0		0%	
85	0	0	N/A	8.1070%		0.0		0%	
86	0	0	N/A	8.7803%		0.0		0%	
87	0	0	N/A	9.6557%		0.0		0%	
88	0	0	N/A	10.3434%		0.0		0%	
89	0	0	N/A	11.4203%		0.0		0%	
90	0	0	N/A	12.7642%		0.0		0%	
91	0	0	N/A	14.1602%		0.0		0%	
92	0	0	N/A	15.2836%		0.0		0%	
93	0	0	N/A	16.7569%		0.0		0%	
94	0	0	N/A	18.7330%		0.0		0%	
95	0	0	N/A	21.0630%		0.0		0%	
96	0	0	N/A	22.7737%		0.0		0%	
97	0	0	N/A	23.1685%		0.0		0%	
98	0	0	N/A	23.1881%		0.0		0%	
99	0	0	N/A	24.4834%		0.0		0%	
Subtotal	1	23				0.2		412%	
Other Ages	0	2	0.0000	0.7480%		0.0		0%	
Total	1	25				0.3		388%	

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

TABLE 2C				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	9	0.0000	0.8032%		0.1		0%	
42	0	9	0.0000	0.8116%		0.1		0%	
43	0	21	0.0000	0.8190%		0.2		0%	
44	1	33	0.0303	0.8274%		0.3		366%	
45	0	32	0.0000	0.8372%		0.3		0%	
46	0	35	0.0000	0.8472%		0.3		0%	
47	0	40	0.0000	0.8566%		0.3		0%	
48	0	44	0.0000	0.8643%		0.4		0%	
49	0	39	0.0000	0.8730%		0.3		0%	
50	0	42	0.0000	0.8846%		0.4		0%	
51	1	45	0.0222	0.8955%		0.4		248%	
52	0	27	0.0000	0.9066%		0.2		0%	
53	1	45	0.0222	0.9172%		0.4		242%	
54	2	84	0.0238	0.9280%		0.8		257%	
55	0	95	0.0000	0.9412%		0.9		0%	
56	3	108	0.0278	1.0104%		1.1		275%	
57	2	127	0.0157	1.0874%		1.4		145%	
58	1	125	0.0080	1.1675%		1.5		69%	
59	3	136	0.0221	1.2266%		1.7		180%	
60	3	150	0.0200	1.2880%		1.9		155%	
61	9	200	0.0450	1.3973%		2.8		322%	
62	5	273	0.0183	1.4852%		4.1		123%	
63	5	282	0.0177	1.6133%		4.5		110%	
64	4	226	0.0177	1.7130%		3.9		103%	
65	3	215	0.0140	1.8214%		3.9		77%	
66	7	216	0.0324	1.9818%		4.3		164%	
67	6	217	0.0276	2.1116%		4.6		131%	
68	6	184	0.0326	2.2053%		4.1		148%	
69	4	142	0.0282	2.3558%		3.3		120%	
70	3	123	0.0244	2.4670%		3.0		99%	
71	2	99	0.0202	2.6678%		2.6		76%	
72	2	98	0.0204	2.8930%		2.8		71%	
73	2	96	0.0208	3.1474%		3.0		66%	
74	6	86	0.0698	3.4210%		2.9		204%	
75	4	67	0.0597	3.8014%		2.5		157%	
76	0	50	0.0000	4.1564%		2.1		0%	
77	4	81	0.0494	4.6441%		3.8		106%	
78	6	89	0.0674	5.1896%		4.6		130%	
79	3	72	0.0417	5.7993%		4.2		72%	
80	6	70	0.0857	6.4798%		4.5		132%	
81	3	59	0.0508	7.2779%		4.3		70%	
82	0	52	0.0000	8.1070%		4.2		0%	
83	7	53	0.1321	8.7803%		4.7		150%	
84	4	52	0.0769	9.6557%		5.0		80%	
85	8	42	0.1905	10.3434%		4.3		184%	
86	6	26	0.2308	11.4203%		3.0		202%	
87	2	19	0.1053	12.7642%		2.4		82%	
88	2	22	0.0909	14.1602%		3.1		64%	
89	6	21	0.2857	15.2836%		3.2		187%	
90	1	15	0.0667	16.7569%		2.5		40%	
91	1	10	0.1000	18.7330%		1.9		53%	
92	1	4	0.2500	21.0630%		0.8		119%	
93	0	1	0.0000	22.8904%		0.2		0%	
94	0	2	0.0000	24.6442%		0.5		0%	
95	2	2	1.0000	26.9134%		0.5		372%	
96	0	0	N/A	0.0000%		0.0		0%	
97	0	0	N/A	0.0000%		0.0		0%	
98	0	0	N/A	0.0000%		0.0		0%	
99	0	0	N/A	0.0000%		0.0		0%	
Subtotal	147	4,512				125.2		117%	
Other Ages	0	47	0.0000	0.7711%		0.4		0%	
Total	147	4,559				125.6		117%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN

TABLE 2A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	1	69	0.0145	0.82%		0.6		177%	
45-49	0	182	0.0000	0.86%		1.6		0%	
50-54	4	240	0.0167	0.91%		2.2		183%	
55-59	8	588	0.0136	1.10%		6.5		124%	
60-64	26	1,128	0.0230	1.52%		17.2		151%	
65-69	26	973	0.0267	2.07%		20.2		129%	
70-74	15	500	0.0300	2.89%		14.4		104%	
75-79	17	359	0.0474	4.79%		17.2		99%	
80-84	20	286	0.0699	7.94%		22.7		88%	
85-89	24	130	0.1846	12.36%		16.1		149%	
90-94	3	32	0.0938	18.60%		6.0		50%	
95-99	2	2	1.0000	26.91%		0.5		372%	
Other Ages	0	45	0.0000	0.77%		0.3		0%	
Total	146	4,534				125.3		116%	

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

TABLE 2B GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)			(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	3	0.0000	0.80%		0.0		0%	
45-49	0	8	0.0000	0.84%		0.1		0%	
50-54	0	3	0.0000	0.86%		0.0		0%	
55-59	1	3	0.3333	0.91%		0.0		3648%	
60-64	0	3	0.0000	1.26%		0.0		0%	
65-69	0	1	0.0000	1.49%		0.0		0%	
70-74	0	2	0.0000	2.28%		0.0		0%	
75-79	0	0	N/A			0		0%	
80-84	0	0	N/A			0		0%	
85-89	0	0	N/A			0		0%	
90-94	0	0	N/A			0		0%	
95-99	0	0	N/A			0		0%	
Other Ages	0	2	0.0000	0.75%		0.0		0%	
Total	1	25				0.3		388%	

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

TABLE 2C GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3) (5)	Proposed (8) / (3) (6)	Current (7)	Proposed (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41-44	1	72	0.0139	0.82%		0.6		169%	
45-49	0	190	0.0000	0.86%		1.6		0%	
50-54	4	243	0.0165	0.91%		2.2		181%	
55-59	9	591	0.0152	1.10%		6.5		139%	
60-64	26	1,131	0.0230	1.52%		17.2		151%	
65-69	26	974	0.0267	2.07%		20.2		129%	
70-74	15	502	0.0299	2.88%		14.5		104%	
75-79	17	359	0.0474	4.79%		17.2		99%	
80-84	20	286	0.0699	7.94%		22.7		88%	
85-89	24	130	0.1846	12.36%		16.1		149%	
90-94	3	32	0.0938	18.60%		6.0		50%	
95-99	2	2	1.0000	26.91%		0.5		372%	
Other Ages	0	47	0.0000	0.77%		0.4		0%	
Total	147	4,559				125.6		117%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN

TABLE 2A				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	1	61	0.0164	0.8032%		0.5		204%	
42	0	77	0.0000	0.8116%		0.6		0%	
43	1	98	0.0102	0.8202%		0.8		124%	
44	1	108	0.0093	0.8290%		0.9		112%	
45	0	125	0.0000	0.8380%		1.0		0%	
46	0	152	0.0000	0.8472%		1.3		0%	
47	3	179	0.0168	0.8566%		1.5		196%	
48	1	220	0.0045	0.8662%		1.9		52%	
49	2	253	0.0079	0.8760%		2.2		90%	
50	4	302	0.0132	0.8860%		2.7		149%	
51	7	369	0.0190	0.8962%		3.3		212%	
52	5	412	0.0121	0.9066%		3.7		134%	
53	6	536	0.0112	0.9172%		4.9		122%	
54	7	694	0.0101	0.9280%		6.4		109%	
55	9	801	0.0112	0.9416%		7.5		119%	
56	6	869	0.0069	1.0122%		8.8		68%	
57	8	965	0.0083	1.0874%		10.5		76%	
58	15	1,030	0.0146	1.1675%		12.0		125%	
59	19	1,087	0.0175	1.2266%		13.3		143%	
60	15	1,113	0.0135	1.2880%		14.3		105%	
61	29	1,126	0.0258	1.3985%		15.7		184%	
62	20	1,090	0.0183	1.4862%		16.2		123%	
63	12	1,018	0.0118	1.6133%		16.4		73%	
64	19	921	0.0206	1.7144%		15.8		120%	
65	13	837	0.0155	1.8230%		15.3		85%	
66	21	775	0.0271	1.9818%		15.4		137%	
67	22	686	0.0321	2.1116%		14.5		152%	
68	18	609	0.0296	2.2053%		13.4		134%	
69	16	554	0.0289	2.3558%		13.1		123%	
70	14	520	0.0269	2.4670%		12.8		109%	
71	18	500	0.0360	2.6725%		13.4		135%	
72	13	480	0.0271	2.8985%		13.9		93%	
73	23	467	0.0493	3.1474%		14.7		156%	
74	20	435	0.0460	3.4210%		14.9		134%	
75	16	433	0.0370	3.8014%		16.5		97%	
76	27	425	0.0635	4.1564%		17.7		153%	
77	33	413	0.0799	4.6441%		19.2		172%	
78	28	384	0.0729	5.1896%		19.9		141%	
79	22	336	0.0655	5.7993%		19.5		113%	
80	23	308	0.0747	6.4798%		20.0		115%	
81	18	275	0.0655	7.2779%		20.0		90%	
82	21	248	0.0847	8.1070%		20.1		104%	
83	23	213	0.1080	8.7803%		18.7		123%	
84	19	180	0.1056	9.6557%		17.4		109%	
85	19	146	0.1301	10.3434%		15.1		126%	
86	21	117	0.1795	11.4203%		13.4		157%	
87	10	89	0.1124	12.7642%		11.4		88%	
88	11	72	0.1528	14.1602%		10.2		108%	
89	12	55	0.2182	15.2836%		8.4		143%	
90	5	35	0.1429	16.7569%		5.9		85%	
91	3	24	0.1250	18.7330%		4.5		67%	
92	4	14	0.2857	21.0630%		2.9		136%	
93	2	8	0.2500	22.8904%		1.8		109%	
94	2	5	0.4000	24.6442%		1.2		162%	
95	3	4	0.7500	26.9134%		1.1		279%	
96	0	1	0.0000	28.2854%		0.3		0%	
97	1	1	1.0000	29.5729%		0.3		338%	
98	0	0	N/A	31.5182%		0.0		0%	
99	0	0	N/A	32.6370%		0.0		0%	
Subtotal	691	23,255				569.2		121%	
Other Ages	0	227	0.0000	0.7712%		1.8		0%	
Total	691	23,482				570.9		121%	

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

TABLE 2B				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	0	0	N/A	0.7792%		0.0		0%	
42	0	1	0.0000	0.7870%		0.0		0%	
43	0	3	0.0000	0.7950%		0.0		0%	
44	0	3	0.0000	0.8032%		0.0		0%	
45	0	2	0.0000	0.8116%		0.0		0%	
46	0	2	0.0000	0.8202%		0.0		0%	
47	1	5	0.2000	0.8290%		0.0		2413%	
48	0	6	0.0000	0.8380%		0.1		0%	
49	0	7	0.0000	0.8472%		0.1		0%	
50	0	4	0.0000	0.8566%		0.0		0%	
51	0	3	0.0000	0.8662%		0.0		0%	
52	0	2	0.0000	0.8760%		0.0		0%	
53	0	3	0.0000	0.8860%		0.0		0%	
54	0	3	0.0000	0.8962%		0.0		0%	
55	0	3	0.0000	0.9066%		0.0		0%	
56	1	3	0.3333	0.9172%		0.0		3634%	
57	0	1	0.0000	0.9280%		0.0		0%	
58	0	1	0.0000	0.9416%		0.0		0%	
59	0	1	0.0000	1.0122%		0.0		0%	
60	0	1	0.0000	1.0874%		0.0		0%	
61	0	1	0.0000	1.1675%		0.0		0%	
62	0	1	0.0000	1.2266%		0.0		0%	
63	0	2	0.0000	1.2880%		0.0		0%	
64	0	2	0.0000	1.3985%		0.0		0%	
65	0	2	0.0000	1.4862%		0.0		0%	
66	0	1	0.0000	1.6133%		0.0		0%	
67	0	1	0.0000	1.7144%		0.0		0%	
68	0	1	0.0000	1.8230%		0.0		0%	
69	0	1	0.0000	1.9818%		0.0		0%	
70	0	1	0.0000	2.1116%		0.0		0%	
71	0	1	0.0000	2.2053%		0.0		0%	
72	0	1	0.0000	2.3558%		0.0		0%	
73	0	0	N/A	2.4670%		0.0		0%	
74	0	0	N/A	2.6725%		0.0		0%	
75	0	0	N/A	2.8985%		0.0		0%	
76	0	0	N/A	3.1474%		0.0		0%	
77	0	0	N/A	3.4210%		0.0		0%	
78	0	0	N/A	3.8014%		0.0		0%	
79	0	0	N/A	4.1564%		0.0		0%	
80	0	0	N/A	4.6441%		0.0		0%	
81	0	1	0.0000	5.1896%		0.1		0%	
82	0	2	0.0000	5.7993%		0.1		0%	
83	0	2	0.0000	6.4798%		0.1		0%	
84	0	2	0.0000	7.2779%		0.1		0%	
85	1	2	0.5000	8.1070%		0.2		617%	
86	1	1	1.0000	8.7803%		0.1		1139%	
87	0	0	N/A	9.6557%		0.0		0%	
88	0	0	N/A	10.3434%		0.0		0%	
89	0	0	N/A	11.4203%		0.0		0%	
90	0	0	N/A	12.7642%		0.0		0%	
91	0	0	N/A	14.1602%		0.0		0%	
92	0	0	N/A	15.2836%		0.0		0%	
93	0	0	N/A	16.7569%		0.0		0%	
94	0	0	N/A	18.7330%		0.0		0%	
95	0	0	N/A	21.0630%		0.0		0%	
96	0	0	N/A	22.7737%		0.0		0%	
97	0	0	N/A	23.1685%		0.0		0%	
98	0	0	N/A	23.1881%		0.0		0%	
99	0	0	N/A	24.4834%		0.0		0%	
Subtotal	4	79				1.4		285%	
Other Ages	0	5	0.0000	0.7214%		0.0		0%	
Total	4	84				1.4		278%	

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

TABLE 2C				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
41	1	61	0.0164	0.8032%		0.5		204%	
42	0	78	0.0000	0.8113%		0.6		0%	
43	1	101	0.0099	0.8195%		0.8		121%	
44	1	111	0.0090	0.8283%		0.9		109%	
45	0	127	0.0000	0.8376%		1.1		0%	
46	0	154	0.0000	0.8468%		1.3		0%	
47	4	184	0.0217	0.8559%		1.6		254%	
48	1	226	0.0044	0.8655%		2.0		51%	
49	2	260	0.0077	0.8752%		2.3		88%	
50	4	306	0.0131	0.8856%		2.7		148%	
51	7	372	0.0188	0.8960%		3.3		210%	
52	5	414	0.0121	0.9065%		3.8		133%	
53	6	539	0.0111	0.9170%		4.9		121%	
54	7	697	0.0100	0.9279%		6.5		108%	
55	9	804	0.0112	0.9415%		7.6		119%	
56	7	872	0.0080	1.0119%		8.8		79%	
57	8	966	0.0083	1.0872%		10.5		76%	
58	15	1,031	0.0145	1.1673%		12.0		125%	
59	19	1,088	0.0175	1.2264%		13.3		142%	
60	15	1,114	0.0135	1.2878%		14.3		105%	
61	29	1,127	0.0257	1.3983%		15.8		184%	
62	20	1,091	0.0183	1.4860%		16.2		123%	
63	12	1,020	0.0118	1.6127%		16.4		73%	
64	19	923	0.0206	1.7137%		15.8		120%	
65	13	839	0.0155	1.8222%		15.3		85%	
66	21	776	0.0271	1.9813%		15.4		137%	
67	22	687	0.0320	2.1110%		14.5		152%	
68	18	610	0.0295	2.2047%		13.4		134%	
69	16	555	0.0288	2.3551%		13.1		122%	
70	14	521	0.0269	2.4663%		12.8		109%	
71	18	501	0.0359	2.6716%		13.4		134%	
72	13	481	0.0270	2.8974%		13.9		93%	
73	23	467	0.0493	3.1474%		14.7		156%	
74	20	435	0.0460	3.4210%		14.9		134%	
75	16	433	0.0370	3.8014%		16.5		97%	
76	27	425	0.0635	4.1564%		17.7		153%	
77	33	413	0.0799	4.6441%		19.2		172%	
78	28	384	0.0729	5.1896%		19.9		141%	
79	22	336	0.0655	5.7993%		19.5		113%	
80	23	308	0.0747	6.4798%		20.0		115%	
81	18	276	0.0652	7.2703%		20.1		90%	
82	21	250	0.0840	8.0885%		20.2		104%	
83	23	215	0.1070	8.7589%		18.8		122%	
84	19	182	0.1044	9.6296%		17.5		108%	
85	20	148	0.1351	10.3132%		15.3		131%	
86	22	118	0.1864	11.3979%		13.4		164%	
87	10	89	0.1124	12.7642%		11.4		88%	
88	11	72	0.1528	14.1602%		10.2		108%	
89	12	55	0.2182	15.2836%		8.4		143%	
90	5	35	0.1429	16.7569%		5.9		85%	
91	3	24	0.1250	18.7330%		4.5		67%	
92	4	14	0.2857	21.0630%		2.9		136%	
93	2	8	0.2500	22.8904%		1.8		109%	
94	2	5	0.4000	24.6442%		1.2		162%	
95	3	4	0.7500	26.9134%		1.1		279%	
96	0	1	0.0000	28.2854%		0.3		0%	
97	1	1	1.0000	29.5729%		0.3		338%	
98	0	0	N/A	0.0000%		0.0		0%	
99	0	0	N/A	0.0000%		0.0		0%	
Subtotal	695	23,334				570.6		122%	
Other Ages	0	232	0.0000	0.7701%		1.8		0%	
Total	695	23,566				572.4		121%	

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION
MORTALITY EXPERIENCE OF DISABILITY RETIREES
MEN

TABLE 2A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	3	344	0.0087	0.82%		2.8		107%	
45-49	6	929	0.0065	0.86%		8.0		75%	
50-54	29	2,313	0.0125	0.91%		21.1		138%	
55-59	57	4,752	0.0120	1.10%		52.2		109%	
60-64	95	5,268	0.0180	1.49%		78.5		121%	
65-69	90	3,461	0.0260	2.07%		71.6		126%	
70-74	88	2,402	0.0366	2.90%		69.7		126%	
75-79	126	1,991	0.0633	4.66%		92.7		136%	
80-84	104	1,224	0.0850	7.86%		96.2		108%	
85-89	73	479	0.1524	12.20%		58.4		125%	
90-94	16	86	0.1860	19.04%		16.4		98%	
95-99	4	6	0.6667	27.59%		1.7		242%	
Other Ages	0	227	0.0000	0.77%		1.8		0%	
Total	691	23,482				570.9		121%	

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

TABLE 2B GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	0	7	0.0000	0.80%		0.1		0%	
45-49	1	22	0.0455	0.83%		0.2		544%	
50-54	0	15	0.0000	0.87%		0.1		0%	
55-59	1	9	0.1111	0.93%		0.1		1197%	
60-64	0	7	0.0000	1.26%		0.1		0%	
65-69	0	6	0.0000	1.68%		0.1		0%	
70-74	0	3	0.0000	2.22%		0.1		0%	
75-79	0	0	N/A			0		0%	
80-84	0	7	0.0000	6.33%		0.4		0%	
85-89	2	3	0.6667	8.33%		0.2		800%	
90-94	0	0	N/A			0		0%	
95-99	0	0	N/A			0		0%	
Other Ages	0	5	0.0000	0.72%		0.0		0%	
Total	4	84				1.4		278%	

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

TABLE 2C GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41-44	3	351	0.0085	0.82%		2.9		105%	
45-49	7	951	0.0074	0.86%		8.2		86%	
50-54	29	2,328	0.0125	0.91%		21.2		137%	
55-59	58	4,761	0.0122	1.10%		52.3		111%	
60-64	95	5,275	0.0180	1.49%		78.6		121%	
65-69	90	3,467	0.0260	2.07%		71.7		126%	
70-74	88	2,405	0.0366	2.90%		69.8		126%	
75-79	126	1,991	0.0633	4.66%		92.7		136%	
80-84	104	1,231	0.0845	7.85%		96.6		108%	
85-89	75	482	0.1556	12.17%		58.7		128%	
90-94	16	86	0.1860	19.04%		16.4		98%	
95-99	4	6	0.6667	27.59%		1.7		242%	
Other Ages	0	232	0.0000	0.77%		1.8		0%	
Total	695	23,566				572.4		121%	

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)	Actual Deaths (3)	Expected Deaths (4)	10-YEAR PERIOD ENDING 6/30/2011		
				Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	2,461	81	51.2	158%	3.29%	2.08%
2003	2,420	61	52.5	116%	2.52%	2.17%
2004	2,403	75	54.3	138%	3.12%	2.26%
2005	2,381	75	55.1	136%	3.15%	2.31%
2006	2,344	63	56.4	112%	2.69%	2.41%
2007	2,352	74	58.1	127%	3.15%	2.47%
2008	2,326	62	58.7	106%	2.67%	2.52%
2009	2,320	57	60.5	94%	2.46%	2.61%
2010	2,305	68	62.4	109%	2.95%	2.71%
2011	2,254	79	63.3	125%	3.50%	2.81%
Total	23,566	695	572.4	121%	2.95%	2.43%

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

TABLE 3A

2-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>Current</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Current</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Current</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	0	0	N/A	4.00%		0		0%	
1	5	171	0.0292	2.00%		3.4		146%	
2	5	561	0.0089	1.00%		5.6		89%	
3	5	862	0.0058	1.00%		8.6		58%	
4	7	1,172	0.0060	1.00%		11.7		60%	
5	8	1,496	0.0053	1.00%		15.0		53%	
6	6	821	0.0073	0.90%		7.4		81%	
7	1	60	0.0167	0.80%		0.5		208%	
8	4	343	0.0117	0.70%		2.4		167%	
9	2	1,142	0.0018	0.60%		6.9		29%	
10	7	1,252	0.0056	0.50%		6.3		112%	
11	2	540	0.0037	0.50%		2.7		74%	
12	3	394	0.0076	0.50%		2.0		152%	
13	3	288	0.0104	0.50%		1.4		208%	
14	0	328	0.0000	0.50%		1.6		0%	
15	1	316	0.0032	0.50%		1.6		63%	
16	2	451	0.0044	0.50%		2.3		89%	
17	3	449	0.0067	0.50%		2.2		134%	
18	0	37	0.0000	0.50%		0.2		0%	
19	24	561	0.0428	0.50%		2.8		856%	
20	0	24	0.0000	0.50%		0.1		0%	
21	0	14	0.0000	0.50%		0.1		0%	
22	0	7	0.0000	0.50%		0.0		0%	
23	0	7	0.0000	0.50%		0.0		0%	
24	0	8	0.0000	0.50%		0.0		0%	
25	0	4	0.0000	0.50%		0.0		0%	
26	0	1	0.0000	0.50%		0.0		0%	
27	0	1	0.0000	0.50%		0.0		0%	
28	0	2	0.0000	0.50%		0.0		0%	
29	1	3	0.3333	0.50%		0.0		6667%	
30	0	1	0.0000	0.50%		0.0		0%	
Subtotal	89	11,316	0.0079			84.9		105%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	89	11,316	0.0079			84.9		105%	

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

TABLE 3B

2-YEAR PERIOD ENDING 6/30/2011

Service	Actual Withdrawals	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Withdrawals		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	0	0	N/A	4.00%		0		0%	
1	0	3	0.0000	2.00%		0.1		0%	
2	0	14	0.0000	1.00%		0.1		0%	
3	0	16	0.0000	1.00%		0.2		0%	
4	0	22	0.0000	1.00%		0.2		0%	
5	0	24	0.0000	1.00%		0.2		0%	
6	0	14	0.0000	0.90%		0.1		0%	
7	0	5	0.0000	0.80%		0.0		0%	
8	0	13	0.0000	0.70%		0.1		0%	
9	2	39	0.0513	0.60%		0.2		855%	
10	0	35	0.0000	0.50%		0.2		0%	
11	0	13	0.0000	0.50%		0.1		0%	
12	0	12	0.0000	0.50%		0.1		0%	
13	0	7	0.0000	0.50%		0.0		0%	
14	0	15	0.0000	0.50%		0.1		0%	
15	0	15	0.0000	0.50%		0.1		0%	
16	0	22	0.0000	0.50%		0.1		0%	
17	0	24	0.0000	0.50%		0.1		0%	
18	0	4	0.0000	0.50%		0.0		0%	
19	1	9	0.1111	0.50%		0.0		2222%	
20	0	1	0.0000	0.50%		0.0		0%	
21	0	1	0.0000	0.50%		0.0		0%	
22	0	0	N/A	0.50%		0		0%	
23	0	0	N/A	0.50%		0		0%	
24	0	0	N/A	0.50%		0		0%	
25	0	0	N/A	0.50%		0		0%	
26	0	0	N/A	0.50%		0		0%	
27	0	0	N/A	0.50%		0		0%	
28	0	0	N/A	0.50%		0		0%	
29	0	0	N/A	0.50%		0		0%	
30	0	0	N/A	0.50%		0		0%	
Total	3	308	0.0097			2.1		143%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	3	308	0.0097			2.1		143%	

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

TABLE 3C

2-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>Current</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Current</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Current</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	0	0	N/A	4.00%		0		0%	
1	5	174	0.0287	2.00%		3.5		144%	
2	5	575	0.0087	1.00%		5.8		87%	
3	5	878	0.0057	1.00%		8.8		57%	
4	7	1,194	0.0059	1.00%		11.9		59%	
5	8	1,520	0.0053	1.00%		15.2		53%	
6	6	835	0.0072	0.90%		7.5		80%	
7	1	65	0.0154	0.80%		0.5		192%	
8	4	356	0.0112	0.70%		2.5		161%	
9	4	1,181	0.0034	0.60%		7.1		56%	
10	7	1,287	0.0054	0.50%		6.4		109%	
11	2	553	0.0036	0.50%		2.8		72%	
12	3	406	0.0074	0.50%		2.0		148%	
13	3	295	0.0102	0.50%		1.5		203%	
14	0	343	0.0000	0.50%		1.7		0%	
15	1	331	0.0030	0.50%		1.7		60%	
16	2	473	0.0042	0.50%		2.4		85%	
17	3	473	0.0063	0.50%		2.4		127%	
18	0	41	0.0000	0.50%		0.2		0%	
19	25	570	0.0439	0.50%		2.9		877%	
20	0	25	0.0000	0.50%		0.1		0%	
21	0	15	0.0000	0.50%		0.1		0%	
22	0	7	0.0000	0.50%		0.0		0%	
23	0	7	0.0000	0.50%		0.0		0%	
24	0	8	0.0000	0.50%		0.0		0%	
25	0	4	0.0000	0.50%		0.0		0%	
26	0	1	0.0000	0.50%		0.0		0%	
27	0	1	0.0000	0.50%		0.0		0%	
28	0	2	0.0000	0.50%		0.0		0%	
29	1	3	0.3333	0.50%		0.0		6667%	
30	0	1	0.0000	0.50%		0.0		0%	
Total	92	11,624	0.0079			87.0		106%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	92	11,624	0.0079			87.0		106%	

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

TABLE 3A

10-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>Current</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Current</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Current</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	61	1,105	0.0552	4.00%		44.2		138%	
1	118	4,340	0.0272	2.00%		86.8		136%	
2	48	4,082	0.0118	1.00%		40.8		118%	
3	42	4,265	0.0098	1.00%		42.7		98%	
4	34	4,142	0.0082	1.00%		41.4		82%	
5	30	3,663	0.0082	1.00%		36.6		82%	
6	31	3,293	0.0094	0.90%		29.6		105%	
7	30	2,475	0.0121	0.80%		19.8		152%	
8	23	2,919	0.0079	0.70%		20.4		113%	
9	22	2,890	0.0076	0.60%		17.3		127%	
10	13	2,556	0.0051	0.50%		12.8		102%	
11	18	2,379	0.0076	0.50%		11.9		151%	
12	15	2,485	0.0060	0.50%		12.4		121%	
13	12	2,497	0.0048	0.50%		12.5		96%	
14	16	2,739	0.0058	0.50%		13.7		117%	
15	30	2,974	0.0101	0.50%		14.9		202%	
16	26	3,313	0.0078	0.50%		16.6		157%	
17	27	3,698	0.0073	0.50%		18.5		146%	
18	11	3,341	0.0033	0.50%		16.7		66%	
19	56	3,260	0.0172	0.50%		16.3		344%	
20	0	76	0.0000	0.50%		0.4		0%	
21	1	59	0.0169	0.50%		0.3		339%	
22	0	45	0.0000	0.50%		0.2		0%	
23	0	36	0.0000	0.50%		0.2		0%	
24	0	26	0.0000	0.50%		0.1		0%	
25	0	18	0.0000	0.50%		0.1		0%	
26	0	14	0.0000	0.50%		0.1		0%	
27	0	9	0.0000	0.50%		0.0		0%	
28	0	6	0.0000	0.50%		0.0		0%	
29	1	4	0.2500	0.50%		0.0		5000%	
30	0	1	0.0000	0.50%		0.0		0%	
Subtotal	665	62,710	0.0106			527.4		126%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	665	62,710	0.0106			527.4		126%	

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

TABLE 3B

10-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>Current</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Current</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Current</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	3	31	0.0968	4.00%		1.2		242%	
1	0	104	0.0000	2.00%		2.1		0%	
2	4	99	0.0404	1.00%		1.0		404%	
3	1	102	0.0098	1.00%		1.0		98%	
4	1	100	0.0100	1.00%		1.0		100%	
5	1	93	0.0108	1.00%		0.9		108%	
6	0	98	0.0000	0.90%		0.9		0%	
7	1	83	0.0120	0.80%		0.7		151%	
8	1	104	0.0096	0.70%		0.7		137%	
9	2	104	0.0192	0.60%		0.6		321%	
10	0	91	0.0000	0.50%		0.5		0%	
11	1	78	0.0128	0.50%		0.4		256%	
12	0	81	0.0000	0.50%		0.4		0%	
13	0	81	0.0000	0.50%		0.4		0%	
14	0	84	0.0000	0.50%		0.4		0%	
15	2	91	0.0220	0.50%		0.5		440%	
16	1	73	0.0137	0.50%		0.4		274%	
17	0	73	0.0000	0.50%		0.4		0%	
18	0	51	0.0000	0.50%		0.3		0%	
19	2	48	0.0417	0.50%		0.2		833%	
20	0	2	0.0000	0.50%		0.0		0%	
21	0	1	0.0000	0.50%		0.0		0%	
22	0	0	N/A	0.50%		0		0%	
23	0	0	N/A	0.50%		0		0%	
24	0	0	N/A	0.50%		0		0%	
25	0	0	N/A	0.50%		0		0%	
26	0	0	N/A	0.50%		0		0%	
27	0	0	N/A	0.50%		0		0%	
28	0	0	N/A	0.50%		0		0%	
29	0	0	N/A	0.50%		0		0%	
30	0	0	N/A	0.50%		0		0%	
Total	20	1,672	0.0120			13.9		144%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	20	1,672	0.0120			13.9		144%	

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

TABLE 3C

10-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>Current</u> <u>(5)</u>	<u>Proposed</u> <u>(6)</u>	<u>Current</u> <u>(3) x (5)</u> <u>(7)</u>	<u>Proposed</u> <u>(3) x (6)</u> <u>(8)</u>	<u>Current</u> <u>(2) / (7)</u> <u>(9)</u>	<u>Proposed</u> <u>(2) / (8)</u> <u>(10)</u>
0	64	1,136	0.0563	4.00%		45.4		141%	
1	118	4,444	0.0266	2.00%		88.9		133%	
2	52	4,181	0.0124	1.00%		41.8		124%	
3	43	4,367	0.0098	1.00%		43.7		98%	
4	35	4,242	0.0083	1.00%		42.4		83%	
5	31	3,756	0.0083	1.00%		37.6		83%	
6	31	3,391	0.0091	0.90%		30.5		102%	
7	31	2,558	0.0121	0.80%		20.5		151%	
8	24	3,023	0.0079	0.70%		21.2		113%	
9	24	2,994	0.0080	0.60%		18.0		134%	
10	13	2,647	0.0049	0.50%		13.2		98%	
11	19	2,457	0.0077	0.50%		12.3		155%	
12	15	2,566	0.0058	0.50%		12.8		117%	
13	12	2,578	0.0047	0.50%		12.9		93%	
14	16	2,823	0.0057	0.50%		14.1		113%	
15	32	3,065	0.0104	0.50%		15.3		209%	
16	27	3,386	0.0080	0.50%		16.9		159%	
17	27	3,771	0.0072	0.50%		18.9		143%	
18	11	3,392	0.0032	0.50%		17.0		65%	
19	58	3,308	0.0175	0.50%		16.5		351%	
20	0	78	0.0000	0.50%		0.4		0%	
21	1	60	0.0167	0.50%		0.3		333%	
22	0	45	0.0000	0.50%		0.2		0%	
23	0	36	0.0000	0.50%		0.2		0%	
24	0	26	0.0000	0.50%		0.1		0%	
25	0	18	0.0000	0.50%		0.1		0%	
26	0	14	0.0000	0.50%		0.1		0%	
27	0	9	0.0000	0.50%		0.0		0%	
28	0	6	0.0000	0.50%		0.0		0%	
29	1	4	0.2500	0.50%		0.0		5000%	
30	0	1	0.0000	0.50%		0.0		0%	
Total	685	64,382	0.0106			541.3		127%	
31 or more	0	0	N/A	0.50%		0		0%	
Total	685	64,382	0.0106			541.3		127%	

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 6/30/2011				
		Actual Withdrawals (3)	Expected Withdrawals (4)	Actual / Expected (5)	Withdrawal Rate	
					Actual	Expected
					(3) / (2) (6)	(4) / (2) (7)
2002	6,977	83	61.1	136%	1.19%	0.88%
2003	6,944	90	53.1	170%	1.30%	0.76%
2004	6,591	38	49.5	77%	0.58%	0.75%
2005	6,351	83	57.1	145%	1.31%	0.90%
2006	6,318	85	60.1	141%	1.35%	0.95%
2007	6,599	82	60.7	135%	1.24%	0.92%
2008	6,474	83	57.4	145%	1.28%	0.89%
2009	6,504	49	53.5	92%	0.75%	0.82%
2010	6,116	60	48.3	124%	0.98%	0.79%
2011	5,508	32	40.4	79%	0.58%	0.73%
Total	64,382	685	541.3	127%	1.06%	0.84%

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

TABLE 4A

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	2	0.0000	40.00%		0.8		0%	
41	1	5	0.2000	40.00%		2.0		50%	
42	0	8	0.0000	40.00%		3.2		0%	
43	6	21	0.2857	40.00%		8.4		71%	
44	9	44	0.2045	40.00%		17.6		51%	
45	21	90	0.2333	40.00%		36.0		58%	
46	19	97	0.1959	41.65%		40.4		47%	
47	16	77	0.2078	43.38%		33.4		48%	
48	12	70	0.1714	44.97%		31.5		38%	
49	7	59	0.1186	47.05%		27.8		25%	
50	15	68	0.2206	48.68%		33.1		45%	
51	18	65	0.2769	50.71%		33.0		55%	
52	11	48	0.2292	51.08%		24.5		45%	
53	9	36	0.2500	52.89%		19.0		47%	
54	10	40	0.2500	56.20%		22.5		44%	
55	10	33	0.3030	58.79%		19.4		52%	
56	5	25	0.2000	59.20%		14.8		34%	
57	10	36	0.2778	56.11%		20.2		50%	
58	6	18	0.3333	56.67%		10.2		59%	
59	5	18	0.2778	56.67%		10.2		49%	
60	6	16	0.3750	58.75%		9.4		64%	
61	4	10	0.4000	60.00%		6.0		67%	
62	8	13	0.6154	60.00%		7.8		103%	
63	4	7	0.5714	40.00%		2.8		143%	
64	6	9	0.6667	40.00%		3.6		167%	
65	2	11	0.1818	60.00%		6.6		30%	
66	2	6	0.3333	40.00%		2.4		83%	
67	3	5	0.6000	40.00%		2.0		150%	
68	3	6	0.5000	40.00%		2.4		125%	
69	1	3	0.3333	40.00%		1.2		83%	
70	0	1	0.0000	100.00%		1.0		0%	
Subtotal	229	947				453.1		51%	
71 or more	2	4	0.5000	100.00%		4.0		50%	
Total	231	951				457.1		51%	

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

TABLE 4B

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	40.00%		0.0		0%	
41	1	1	1.0000	40.00%		0.4		250%	
42	0	5	0.0000	40.00%		2.0		0%	
43	6	16	0.3750	40.00%		6.4		94%	
44	8	39	0.2051	40.00%		15.6		51%	
45	15	66	0.2273	40.00%		26.4		57%	
46	17	80	0.2125	42.00%		33.6		51%	
47	16	65	0.2462	44.00%		28.6		56%	
48	12	58	0.2069	46.00%		26.7		45%	
49	7	52	0.1346	48.00%		25.0		28%	
50	14	59	0.2373	50.00%		29.5		47%	
51	16	58	0.2759	52.00%		30.2		53%	
52	8	38	0.2105	54.00%		20.5		39%	
53	9	29	0.3103	56.00%		16.2		55%	
54	9	36	0.2500	58.00%		20.9		43%	
55	10	31	0.3226	60.00%		18.6		54%	
56	5	24	0.2083	60.00%		14.4		35%	
57	7	29	0.2414	60.00%		17.4		40%	
58	5	15	0.3333	60.00%		9.0		56%	
59	5	15	0.3333	60.00%		9.0		56%	
60	6	15	0.4000	60.00%		9.0		67%	
61	4	10	0.4000	60.00%		6.0		67%	
62	4	7	0.5714	60.00%		4.2		95%	
63	1	4	0.2500	40.00%		1.6		63%	
64	2	2	1.0000	40.00%		0.8		250%	
65	1	4	0.2500	60.00%		2.4		42%	
66	2	3	0.6667	40.00%		1.2		167%	
67	2	4	0.5000	40.00%		1.6		125%	
68	3	3	1.0000	40.00%		1.2		250%	
69	0	0	N/A	40.00%		0.0		0%	
70	0	1	0.0000	100.00%		1.0		0%	
Subtotal	195	769				379.3		51%	
71 or more	1	1	1.0000	100.00%		0.0		0%	
Total	196	770				379.3		52%	

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

TABLE 4C

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
				(5)	(6)	(7)	(8)	(9)	(10)
40	0	2	0.0000	40.00%		0.8		0%	
41	0	4	0.0000	40.00%		1.6		0%	
42	0	3	0.0000	40.00%		1.2		0%	
43	0	5	0.0000	40.00%		2.0		0%	
44	1	5	0.2000	40.00%		2.0		50%	
45	6	24	0.2500	40.00%		9.6		63%	
46	2	17	0.1176	40.00%		6.8		29%	
47	0	12	0.0000	40.00%		4.8		0%	
48	0	12	0.0000	40.00%		4.8		0%	
49	0	7	0.0000	40.00%		2.8		0%	
50	1	9	0.1111	40.00%		3.6		28%	
51	2	7	0.2857	40.00%		2.8		71%	
52	3	10	0.3000	40.00%		4.0		75%	
53	0	7	0.0000	40.00%		2.8		0%	
54	1	4	0.2500	40.00%		1.6		63%	
55	0	2	0.0000	40.00%		0.8		0%	
56	0	1	0.0000	40.00%		0.4		0%	
57	3	7	0.4286	40.00%		2.8		107%	
58	1	3	0.3333	40.00%		1.2		83%	
59	0	3	0.0000	40.00%		1.2		0%	
60	0	1	0.0000	40.00%		0.4		0%	
61	0	0	N/A	40.00%		0.0		0%	
62	4	6	0.6667	60.00%		3.6		111%	
63	3	3	1.0000	40.00%		1.2		250%	
64	4	7	0.5714	40.00%		2.8		143%	
65	1	7	0.1429	60.00%		4.2		24%	
66	0	3	0.0000	40.00%		1.2		0%	
67	1	1	1.0000	40.00%		0.4		250%	
68	0	3	0.0000	40.00%		1.2		0%	
69	1	3	0.3333	40.00%		1.2		83%	
70	0	0	N/A	100.00%		0.0		0%	
Subtotal	34	178				73.8		46%	
71 or more	1	3	0.3333	100.00%		3.0		33%	
Total	35	181				76.8		46%	

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 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual	Total	Actual Rate	Current	Proposed	Current	Proposed	Current	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	17	0.0588	40.00%		6.8		15%	
41	6	42	0.1429	40.00%		16.8		36%	
42	8	56	0.1429	40.00%		22.4		36%	
43	19	75	0.2533	40.00%		30.0		63%	
44	19	105	0.1810	40.00%		42.0		45%	
45	34	175	0.1943	40.00%		70.0		49%	
46	41	219	0.1872	41.74%		91.4		45%	
47	51	238	0.2143	43.45%		103.4		49%	
48	51	254	0.2008	44.75%		113.7		45%	
49	46	240	0.1917	46.90%		112.6		41%	
50	75	272	0.2757	48.60%		132.2		57%	
51	73	273	0.2674	50.59%		138.1		53%	
52	60	226	0.2655	52.14%		117.8		51%	
53	53	188	0.2819	53.70%		101.0		52%	
54	60	168	0.3571	55.32%		92.9		65%	
55	47	126	0.3730	57.30%		72.2		65%	
56	30	125	0.2400	57.44%		71.8		42%	
57	22	72	0.3056	56.39%		40.6		54%	
58	20	70	0.2857	56.86%		39.8		50%	
59	17	46	0.3696	58.26%		26.8		63%	
60	19	43	0.4419	59.07%		25.4		75%	
61	9	20	0.4500	60.00%		12.0		75%	
62	36	58	0.6207	60.00%		34.8		103%	
63	20	29	0.6897	40.00%		11.6		172%	
64	15	19	0.7895	40.00%		7.6		197%	
65	10	46	0.2174	60.00%		27.6		36%	
66	5	32	0.1563	40.00%		12.8		39%	
67	7	25	0.2800	40.00%		10.0		70%	
68	5	17	0.2941	40.00%		6.8		74%	
69	2	10	0.2000	40.00%		4.0		50%	
70	1	5	0.2000	100.00%		5.0		20%	
Subtotal	862	3,291				1,599.9		54%	
71 or more	5	15	0.3333	100.00%		15.0		33%	
Total	867	3,306				1,614.9		54%	

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

TABLE 4B

				10-YEAR PERIOD ENDING 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual	Total	Actual Rate	Current	Proposed	Current	Proposed	Current	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	12	0.0833	40.00%		4.8		21%	
41	6	30	0.2000	40.00%		12.0		50%	
42	7	45	0.1556	40.00%		18.0		39%	
43	19	63	0.3016	40.00%		25.2		75%	
44	16	93	0.1720	40.00%		37.2		43%	
45	24	141	0.1702	40.00%		56.4		43%	
46	28	190	0.1474	42.00%		79.8		35%	
47	33	205	0.1610	44.00%		90.2		37%	
48	21	201	0.1045	46.00%		92.5		23%	
49	23	207	0.1111	48.00%		99.4		23%	
50	51	234	0.2179	50.00%		117.0		44%	
51	48	241	0.1992	52.00%		125.3		38%	
52	40	196	0.2041	54.00%		105.8		38%	
53	36	161	0.2236	56.00%		90.2		40%	
54	41	143	0.2867	58.00%		82.9		49%	
55	35	109	0.3211	60.00%		65.4		54%	
56	18	109	0.1651	60.00%		65.4		28%	
57	14	59	0.2373	60.00%		35.4		40%	
58	14	59	0.2373	60.00%		35.4		40%	
59	16	42	0.3810	60.00%		25.2		63%	
60	18	41	0.4390	60.00%		24.6		73%	
61	9	20	0.4500	60.00%		12.0		75%	
62	18	26	0.6923	60.00%		15.6		115%	
63	13	22	0.5909	40.00%		8.8		148%	
64	7	8	0.8750	40.00%		3.2		219%	
65	7	28	0.2500	60.00%		16.8		42%	
66	4	20	0.2000	40.00%		8.0		50%	
67	4	14	0.2857	40.00%		5.6		71%	
68	4	9	0.4444	40.00%		3.6		111%	
69	0	3	0.0000	40.00%		1.2		0%	
70	0	2	0.0000	100.00%		2.0		0%	
Subtotal	575	2,733				1,364.9		42%	
71 or more	2	9	0.2222	100.00%		9.0		22%	
Total	577	2,742				1,373.9		42%	

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

TABLE 4C

				10-YEAR PERIOD ENDING 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	5	0.0000	40.00%		2.0		0%	
41	0	12	0.0000	40.00%		4.8		0%	
42	1	11	0.0909	40.00%		4.4		23%	
43	0	12	0.0000	40.00%		4.8		0%	
44	3	12	0.2500	40.00%		4.8		63%	
45	10	34	0.2941	40.00%		13.6		74%	
46	13	29	0.4483	40.00%		11.6		112%	
47	18	33	0.5455	40.00%		13.2		136%	
48	30	53	0.5660	40.00%		21.2		142%	
49	23	33	0.6970	40.00%		13.2		174%	
50	24	38	0.6316	40.00%		15.2		158%	
51	25	32	0.7813	40.00%		12.8		195%	
52	20	30	0.6667	40.00%		12.0		167%	
53	17	27	0.6296	40.00%		10.8		157%	
54	19	25	0.7600	40.00%		10.0		190%	
55	12	17	0.7059	40.00%		6.8		176%	
56	12	16	0.7500	40.00%		6.4		188%	
57	8	13	0.6154	40.00%		5.2		154%	
58	6	11	0.5455	40.00%		4.4		136%	
59	1	4	0.2500	40.00%		1.6		63%	
60	1	2	0.5000	40.00%		0.8		125%	
61	0	0	N/A	40.00%		0.0		0%	
62	18	32	0.5625	60.00%		19.2		94%	
63	7	7	1.0000	40.00%		2.8		250%	
64	8	11	0.7273	40.00%		4.4		182%	
65	3	18	0.1667	60.00%		10.8		28%	
66	1	12	0.0833	40.00%		4.8		21%	
67	3	11	0.2727	40.00%		4.4		68%	
68	1	8	0.1250	40.00%		3.2		31%	
69	2	7	0.2857	40.00%		2.8		71%	
70	1	3	0.3333	100.00%		3.0		33%	
Subtotal	287	558				235.0		122%	
71 or more	3	6	0.5000	100.00%		6.0		50%	
Total	290	564				241.0		120%	

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

TABLE 5A

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
40	0	2	0.0000	0.00%		0.0		0%	
41	0	0	N/A	0.00%		0.0		0%	
42	0	5	0.0000	20.00%		1.0		0%	
43	2	13	0.1538	20.00%		2.6		77%	
44	0	12	0.0000	20.00%		2.4		0%	
45	4	37	0.1081	20.00%		7.4		54%	
46	4	39	0.1026	20.00%		7.8		51%	
47	4	57	0.0702	20.00%		11.4		35%	
48	5	33	0.1515	20.00%		6.6		76%	
49	9	51	0.1765	20.00%		10.2		88%	
50	11	39	0.2821	20.00%		7.8		141%	
51	8	34	0.2353	20.00%		6.8		118%	
52	4	31	0.1290	20.00%		6.2		65%	
53	2	16	0.1250	20.00%		3.2		63%	
54	4	15	0.2667	20.00%		3.0		133%	
55	2	13	0.1538	20.00%		2.6		77%	
56	4	18	0.2222	20.00%		3.6		111%	
57	3	11	0.2727	20.00%		2.2		136%	
58	4	12	0.3333	20.00%		2.4		167%	
59	3	5	0.6000	20.00%		1.0		300%	
60	0	7	0.0000	20.00%		1.4		0%	
61	3	7	0.4286	30.00%		2.1		143%	
62	2	4	0.5000	40.00%		1.6		125%	
63	2	4	0.5000	30.00%		1.2		167%	
64	1	4	0.2500	30.00%		1.2		83%	
65	0	0	N/A	0.00%		0.0		0%	
66	0	0	N/A	0.00%		0.0		0%	
67	1	1	1.0000	30.00%		0.3		333%	
68	0	0	N/A	0.00%		0.0		0%	
69	2	2	1.0000	30.00%		0.6		333%	
70	1	1	1.0000	100.00%		1.0		100%	
Subtotal	85	473				97.6		87%	
71 or more	0	1	0.0000	100.00%		1.0		0%	
Total	85	474				98.6		86%	

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

TABLE 5B

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
40	0	1	0.0000	0.00%		0.0		0%	
41	0	0	N/A	20.00%		0.0		0%	
42	0	1	0.0000	20.00%		0.2		0%	
43	2	8	0.2500	20.00%		1.6		125%	
44	0	7	0.0000	20.00%		1.4		0%	
45	4	35	0.1143	20.00%		7.0		57%	
46	3	37	0.0811	20.00%		7.4		41%	
47	4	57	0.0702	20.00%		11.4		35%	
48	5	32	0.1563	20.00%		6.4		78%	
49	9	48	0.1875	20.00%		9.6		94%	
50	11	39	0.2821	20.00%		7.8		141%	
51	8	33	0.2424	20.00%		6.6		121%	
52	4	30	0.1333	20.00%		6.0		67%	
53	2	15	0.1333	20.00%		3.0		67%	
54	4	15	0.2667	20.00%		3.0		133%	
55	2	13	0.1538	20.00%		2.6		77%	
56	4	16	0.2500	20.00%		3.2		125%	
57	3	11	0.2727	20.00%		2.2		136%	
58	4	11	0.3636	20.00%		2.2		182%	
59	3	5	0.6000	20.00%		1.0		300%	
60	0	7	0.0000	20.00%		1.4		0%	
61	3	7	0.4286	30.00%		2.1		143%	
62	2	4	0.5000	40.00%		1.6		125%	
63	2	3	0.6667	30.00%		0.9		222%	
64	1	4	0.2500	30.00%		1.2		83%	
65	0	0	N/A	40.00%		0.0		0%	
66	0	0	N/A	30.00%		0.0		0%	
67	1	1	1.0000	30.00%		0.3		333%	
68	0	0	N/A	30.00%		0.0		0%	
69	1	1	1.0000	30.00%		0.3		333%	
70	1	1	1.0000	100.00%		1.0		100%	
Subtotal	83	442				91.4		91%	
71 or more	0	0	N/A	100.00%		0.0		0%	
Total	83	442				91.4		91%	

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

TABLE 5C

Age (1)	Actual Retirements (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
40	0	1	0.0000	0.00%		0.0		0%	
41	0	0	N/A	20.00%		0.0		0%	
42	0	4	0.0000	20.00%		0.8		0%	
43	0	5	0.0000	20.00%		1.0		0%	
44	0	5	0.0000	20.00%		1.0		0%	
45	0	2	0.0000	20.00%		0.4		0%	
46	1	2	0.5000	20.00%		0.4		250%	
47	0	0	N/A	20.00%		0.0		0%	
48	0	1	0.0000	20.00%		0.2		0%	
49	0	3	0.0000	20.00%		0.6		0%	
50	0	0	N/A	20.00%		0.0		0%	
51	0	1	0.0000	20.00%		0.2		0%	
52	0	1	0.0000	20.00%		0.2		0%	
53	0	1	0.0000	20.00%		0.2		0%	
54	0	0	N/A	20.00%		0.0		0%	
55	0	0	N/A	20.00%		0.0		0%	
56	0	2	0.0000	20.00%		0.4		0%	
57	0	0	N/A	20.00%		0.0		0%	
58	0	1	0.0000	20.00%		0.2		0%	
59	0	0	N/A	20.00%		0.0		0%	
60	0	0	N/A	20.00%		0.0		0%	
61	0	0	N/A	30.00%		0.0		0%	
62	0	0	N/A	40.00%		0.0		0%	
63	0	1	0.0000	30.00%		0.3		0%	
64	0	0	N/A	30.00%		0.0		0%	
65	0	0	N/A	40.00%		0.0		0%	
66	0	0	N/A	30.00%		0.0		0%	
67	0	0	N/A	30.00%		0.0		0%	
68	0	0	N/A	30.00%		0.0		0%	
69	1	1	1.0000	30.00%		0.3		333%	
70	0	0	N/A	100.00%		0.0		0%	
Subtotal	2	31				6.2		32%	
71 or more	0	1	0.0000	100.00%		1.0		0%	
Total	2	32				7.2		28%	

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 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	7	0.0000	0.00%		0.0		0%	
41	0	14	0.0000	20.00%		2.8		0%	
42	1	35	0.0286	20.00%		7.0		14%	
43	4	49	0.0816	20.00%		9.8		41%	
44	2	47	0.0426	20.00%		9.4		21%	
45	6	78	0.0769	20.00%		15.6		38%	
46	12	118	0.1017	20.00%		23.6		51%	
47	15	146	0.1027	20.00%		29.2		51%	
48	19	161	0.1180	20.00%		32.2		59%	
49	28	186	0.1505	20.00%		37.2		75%	
50	34	183	0.1858	20.00%		36.6		93%	
51	40	176	0.2273	20.00%		35.2		114%	
52	31	179	0.1732	20.00%		35.8		87%	
53	22	148	0.1486	20.00%		29.6		74%	
54	19	123	0.1545	20.00%		24.6		77%	
55	15	90	0.1667	20.00%		18.0		83%	
56	15	70	0.2143	20.00%		14.0		107%	
57	11	76	0.1447	20.00%		15.2		72%	
58	13	36	0.3611	20.00%		7.2		181%	
59	13	40	0.3250	20.00%		8.0		163%	
60	7	25	0.2800	20.00%		5.0		140%	
61	6	20	0.3000	30.00%		6.0		100%	
62	5	10	0.5000	40.00%		4.0		125%	
63	6	23	0.2609	30.00%		6.9		87%	
64	2	10	0.2000	30.00%		3.0		67%	
65	0	0	N/A	0.00%		0.0		0%	
66	1	2	0.5000	30.00%		0.6		167%	
67	1	2	0.5000	30.00%		0.6		167%	
68	0	0	N/A	0.00%		0.0		0%	
69	2	4	0.5000	30.00%		1.2		167%	
70	1	1	1.0000	100.00%		1.0		100%	
Subtotal	331	2,059				419.3		79%	
71 or more	0	1	0.0000	100.00%		1.0		0%	
Total	331	2,060				420.3		79%	

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

TABLE 5B

				10-YEAR PERIOD ENDING 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	4	0.0000	0.00%		0.0		0%	
41	0	11	0.0000	20.00%		2.2		0%	
42	1	25	0.0400	20.00%		5.0		20%	
43	4	39	0.1026	20.00%		7.8		51%	
44	2	36	0.0556	20.00%		7.2		28%	
45	6	72	0.0833	20.00%		14.4		42%	
46	8	107	0.0748	20.00%		21.4		37%	
47	8	138	0.0580	20.00%		27.6		29%	
48	10	147	0.0680	20.00%		29.4		34%	
49	18	165	0.1091	20.00%		33.0		55%	
50	24	170	0.1412	20.00%		34.0		71%	
51	28	160	0.1750	20.00%		32.0		88%	
52	23	168	0.1369	20.00%		33.6		68%	
53	16	137	0.1168	20.00%		27.4		58%	
54	15	117	0.1282	20.00%		23.4		64%	
55	12	85	0.1412	20.00%		17.0		71%	
56	14	66	0.2121	20.00%		13.2		106%	
57	8	72	0.1111	20.00%		14.4		56%	
58	13	35	0.3714	20.00%		7.0		186%	
59	11	37	0.2973	20.00%		7.4		149%	
60	7	25	0.2800	20.00%		5.0		140%	
61	6	20	0.3000	30.00%		6.0		100%	
62	4	8	0.5000	40.00%		3.2		125%	
63	2	7	0.2857	30.00%		2.1		95%	
64	1	9	0.1111	30.00%		2.7		37%	
65	0	0	N/A	40.00%		0.0		0%	
66	1	2	0.5000	30.00%		0.6		167%	
67	1	2	0.5000	30.00%		0.6		167%	
68	0	0	N/A	30.00%		0.0		0%	
69	1	3	0.3333	30.00%		0.9		111%	
70	1	1	1.0000	100.00%		1.0		100%	
Subtotal	245	1,868				379.5		65%	
71 or more	0	0	N/A	100.00%		0.0		0%	
Total	245	1,868				379.5		65%	

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

TABLE 5C

Age				10-YEAR PERIOD ENDING 6/30/2011					
	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	3	0.0000	0.00%		0.0		0%	
41	0	3	0.0000	20.00%		0.6		0%	
42	0	10	0.0000	20.00%		2.0		0%	
43	0	10	0.0000	20.00%		2.0		0%	
44	0	11	0.0000	20.00%		2.2		0%	
45	0	6	0.0000	20.00%		1.2		0%	
46	4	11	0.3636	20.00%		2.2		182%	
47	7	8	0.8750	20.00%		1.6		438%	
48	9	14	0.6429	20.00%		2.8		321%	
49	10	21	0.4762	20.00%		4.2		238%	
50	10	13	0.7692	20.00%		2.6		385%	
51	12	16	0.7500	20.00%		3.2		375%	
52	8	11	0.7273	20.00%		2.2		364%	
53	6	11	0.5455	20.00%		2.2		273%	
54	4	6	0.6667	20.00%		1.2		333%	
55	3	5	0.6000	20.00%		1.0		300%	
56	1	4	0.2500	20.00%		0.8		125%	
57	3	4	0.7500	20.00%		0.8		375%	
58	0	1	0.0000	20.00%		0.2		0%	
59	2	3	0.6667	20.00%		0.6		333%	
60	0	0	N/A	20.00%		0.0		0%	
61	0	0	N/A	30.00%		0.0		0%	
62	1	2	0.5000	40.00%		0.8		125%	
63	4	16	0.2500	30.00%		4.8		83%	
64	1	1	1.0000	30.00%		0.3		333%	
65	0	0	N/A	40.00%		0.0		0%	
66	0	0	N/A	30.00%		0.0		0%	
67	0	0	N/A	30.00%		0.0		0%	
68	0	0	N/A	30.00%		0.0		0%	
69	1	1	1.0000	30.00%		0.3		333%	
70	0	0	N/A	100.00%		0.0		0%	
Subtotal	86	191				39.8		216%	
71 or more	0	1	0.0000	100.00%		1.0		0%	
Total	86	192				40.8		211%	

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		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	1	0.0000	0.00%		0.0		0%	
41	0	3	0.0000	0.00%		0.0		0%	
42	0	6	0.0000	15.00%		0.9		0%	
43	0	18	0.0000	15.28%		2.8		0%	
44	0	37	0.0000	15.68%		5.8		0%	
45	7	44	0.1591	15.91%		7.0		100%	
46	2	59	0.0339	16.10%		9.5		21%	
47	2	66	0.0303	16.29%		10.8		19%	
48	4	75	0.0533	15.87%		11.9		34%	
49	8	72	0.1111	15.49%		11.2		72%	
50	10	78	0.1282	15.45%		12.1		83%	
51	3	64	0.0469	15.63%		10.0		30%	
52	2	63	0.0317	15.87%		10.0		20%	
53	7	80	0.0875	15.44%		12.4		57%	
54	11	122	0.0902	15.29%		18.7		59%	
55	25	177	0.1412	15.14%		26.8		93%	
56	25	164	0.1524	16.07%		26.4		95%	
57	22	144	0.1528	17.08%		24.6		89%	
58	15	112	0.1339	18.02%		20.2		74%	
59	21	81	0.2593	19.02%		15.4		136%	
60	22	75	0.2933	20.00%		15.0		147%	
61	9	55	0.1636	25.55%		14.1		64%	
62	13	33	0.3939	31.52%		10.4		125%	
63	10	29	0.3448	22.76%		6.6		152%	
64	6	19	0.3158	21.58%		4.1		146%	
65	5	11	0.4545	31.82%		3.5		143%	
66	2	7	0.2857	21.43%		1.5		133%	
67	0	4	0.0000	22.50%		0.9		0%	
68	0	2	0.0000	25.00%		0.5		0%	
69	0	0	N/A	0.00%		0.0		0%	
70	1	2	0.5000	100.00%		2.0		50%	
Subtotal	232	1,703				294.7		79%	
71 or more	2	7	0.2857	100.00%		7.0		29%	
Total	234	1,710				301.7		78%	

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

TABLE 6B

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%		0.0		0%	
41	0	3	0.0000	0.00%		0.0		0%	
42	0	6	0.0000	15.00%		0.9		0%	
43	0	17	0.0000	15.00%		2.6		0%	
44	0	32	0.0000	15.00%		4.8		0%	
45	7	36	0.1944	15.00%		5.4		130%	
46	2	46	0.0435	15.00%		6.9		29%	
47	2	49	0.0408	15.00%		7.4		27%	
48	4	62	0.0645	15.00%		9.3		43%	
49	8	65	0.1231	15.00%		9.8		82%	
50	10	71	0.1408	15.00%		10.7		94%	
51	3	56	0.0536	15.00%		8.4		36%	
52	2	52	0.0385	15.00%		7.8		26%	
53	7	73	0.0959	15.00%		11.0		64%	
54	11	115	0.0957	15.00%		17.3		64%	
55	25	172	0.1453	15.00%		25.8		97%	
56	25	161	0.1553	16.00%		25.8		97%	
57	22	140	0.1571	17.00%		23.8		92%	
58	15	111	0.1351	18.00%		20.0		75%	
59	20	79	0.2532	19.00%		15.0		133%	
60	22	69	0.3188	20.00%		13.8		159%	
61	8	49	0.1633	25.00%		12.3		65%	
62	12	28	0.4286	30.00%		8.4		143%	
63	8	21	0.3810	20.00%		4.2		190%	
64	6	16	0.3750	20.00%		3.2		188%	
65	4	9	0.4444	30.00%		2.7		148%	
66	2	6	0.3333	20.00%		1.2		167%	
67	0	3	0.0000	20.00%		0.6		0%	
68	0	1	0.0000	20.00%		0.2		0%	
69	0	0	N/A	20.00%		0.0		0%	
70	0	1	0.0000	100.00%		1.0		0%	
Subtotal	225	1,549				259.9		87%	
71 or more	1	5	0.2000	100.00%		5.0		20%	
Total	226	1,554				264.9		85%	

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

TABLE 6C

2-YEAR PERIOD ENDING 6/30/2011

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	1	0.0000	0.00%		0.0		0%	
41	0	0	N/A	0.00%		0.0		0%	
42	0	0	N/A	20.00%		0.0		0%	
43	0	1	0.0000	20.00%		0.2		0%	
44	0	5	0.0000	20.00%		1.0		0%	
45	0	8	0.0000	20.00%		1.6		0%	
46	0	13	0.0000	20.00%		2.6		0%	
47	0	17	0.0000	20.00%		3.4		0%	
48	0	13	0.0000	20.00%		2.6		0%	
49	0	7	0.0000	20.00%		1.4		0%	
50	0	7	0.0000	20.00%		1.4		0%	
51	0	8	0.0000	20.00%		1.6		0%	
52	0	11	0.0000	20.00%		2.2		0%	
53	0	7	0.0000	20.00%		1.4		0%	
54	0	7	0.0000	20.00%		1.4		0%	
55	0	5	0.0000	20.00%		1.0		0%	
56	0	3	0.0000	20.00%		0.6		0%	
57	0	4	0.0000	20.00%		0.8		0%	
58	0	1	0.0000	20.00%		0.2		0%	
59	1	2	0.5000	20.00%		0.4		250%	
60	0	6	0.0000	20.00%		1.2		0%	
61	1	6	0.1667	30.00%		1.8		56%	
62	1	5	0.2000	40.00%		2.0		50%	
63	2	8	0.2500	30.00%		2.4		83%	
64	0	3	0.0000	30.00%		0.9		0%	
65	1	2	0.5000	40.00%		0.8		125%	
66	0	1	0.0000	30.00%		0.3		0%	
67	0	1	0.0000	30.00%		0.3		0%	
68	0	1	0.0000	30.00%		0.3		0%	
69	0	0	N/A	30.00%		0.0		0%	
70	1	1	1.0000	100.00%		1.0		100%	
Subtotal	7	154				34.8		20%	
71 or more	1	2	0.5000	100.00%		2.0		50%	
Total	8	156				36.8		22%	

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 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
40	0	1	0.0000	0.00%			0.0	0%	
41	0	6	0.0000	0.00%			0.0	0%	
42	0	19	0.0000	16.05%			3.1	0%	
43	0	46	0.0000	16.30%			7.5	0%	
44	0	76	0.0000	16.18%			12.3	0%	
45	10	112	0.0893	16.07%			18.0	56%	
46	2	144	0.0139	16.01%			23.1	9%	
47	10	205	0.0488	15.88%			32.6	31%	
48	22	258	0.0853	15.64%			40.4	55%	
49	38	335	0.1134	15.60%			52.3	73%	
50	55	413	0.1332	15.67%			64.7	85%	
51	64	453	0.1413	15.62%			70.8	90%	
52	59	494	0.1194	15.58%			77.0	77%	
53	83	536	0.1549	15.50%			83.1	100%	
54	88	585	0.1504	15.67%			91.7	96%	
55	98	585	0.1675	15.68%			91.8	107%	
56	105	506	0.2075	16.61%			84.0	125%	
57	84	407	0.2064	17.52%			71.3	118%	
58	60	333	0.1802	18.37%			61.2	98%	
59	62	256	0.2422	19.21%			49.2	126%	
60	55	207	0.2657	20.00%			41.4	133%	
61	38	158	0.2405	26.55%			42.0	91%	
62	40	104	0.3846	33.46%			34.8	115%	
63	24	67	0.3582	24.48%			16.4	146%	
64	15	58	0.2586	26.21%			15.2	99%	
65	8	39	0.2051	35.64%			13.9	58%	
66	10	32	0.3125	27.19%			8.7	115%	
67	4	18	0.2222	26.67%			4.8	83%	
68	10	19	0.5263	27.89%			5.3	189%	
69	3	9	0.3333	27.78%			2.5	120%	
70	2	9	0.2222	100.00%			9.0	22%	
Subtotal	1,049	6,490					1,127.6	93%	
71 or more	5	28	0.1786	100.00%			28.0	18%	
Total	1,054	6,518					1,155.6	91%	

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

TABLE 6B

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%		0.0		0%	
41	0	4	0.0000	0.00%		0.0		0%	
42	0	15	0.0000	15.00%		2.3		0%	
43	0	34	0.0000	15.00%		5.1		0%	
44	0	58	0.0000	15.00%		8.7		0%	
45	10	88	0.1136	15.00%		13.2		76%	
46	2	115	0.0174	15.00%		17.3		12%	
47	6	169	0.0355	15.00%		25.4		24%	
48	14	225	0.0622	15.00%		33.8		41%	
49	23	295	0.0780	15.00%		44.3		52%	
50	33	358	0.0922	15.00%		53.7		61%	
51	37	397	0.0932	15.00%		59.6		62%	
52	39	437	0.0892	15.00%		65.6		59%	
53	60	482	0.1245	15.00%		72.3		83%	
54	58	507	0.1144	15.00%		76.1		76%	
55	72	505	0.1426	15.00%		75.8		95%	
56	66	429	0.1538	16.00%		68.6		96%	
57	52	337	0.1543	17.00%		57.3		91%	
58	36	271	0.1328	18.00%		48.8		74%	
59	43	201	0.2139	19.00%		38.2		113%	
60	37	153	0.2418	20.00%		30.6		121%	
61	23	109	0.2110	25.00%		27.3		84%	
62	30	68	0.4412	30.00%		20.4		147%	
63	15	37	0.4054	20.00%		7.4		203%	
64	6	22	0.2727	20.00%		4.4		136%	
65	4	17	0.2353	30.00%		5.1		78%	
66	3	9	0.3333	20.00%		1.8		167%	
67	2	6	0.3333	20.00%		1.2		167%	
68	1	4	0.2500	20.00%		0.8		125%	
69	0	2	0.0000	20.00%		0.4		0%	
70	0	3	0.0000	100.00%		3.0		0%	
Subtotal	672	5,357				868.0		77%	
71 or more	2	9	0.2222	100.00%		9.0		22%	
Total	674	5,366				877.0		77%	

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

TABLE 6C

Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		10-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
				Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	1	0.0000	0.00%		0.0		0%	
41	0	2	0.0000	0.00%		0.0		0%	
42	0	4	0.0000	20.00%		0.8		0%	
43	0	12	0.0000	20.00%		2.4		0%	
44	0	18	0.0000	20.00%		3.6		0%	
45	0	24	0.0000	20.00%		4.8		0%	
46	0	29	0.0000	20.00%		5.8		0%	
47	4	36	0.1111	20.00%		7.2		56%	
48	8	33	0.2424	20.00%		6.6		121%	
49	15	40	0.3750	20.00%		8.0		188%	
50	22	55	0.4000	20.00%		11.0		200%	
51	27	56	0.4821	20.00%		11.2		241%	
52	20	57	0.3509	20.00%		11.4		175%	
53	23	54	0.4259	20.00%		10.8		213%	
54	30	78	0.3846	20.00%		15.6		192%	
55	26	80	0.3250	20.00%		16.0		163%	
56	39	77	0.5065	20.00%		15.4		253%	
57	32	70	0.4571	20.00%		14.0		229%	
58	24	62	0.3871	20.00%		12.4		194%	
59	19	55	0.3455	20.00%		11.0		173%	
60	18	54	0.3333	20.00%		10.8		167%	
61	15	49	0.3061	30.00%		14.7		102%	
62	10	36	0.2778	40.00%		14.4		69%	
63	9	30	0.3000	30.00%		9.0		100%	
64	9	36	0.2500	30.00%		10.8		83%	
65	4	22	0.1818	40.00%		8.8		45%	
66	7	23	0.3043	30.00%		6.9		101%	
67	2	12	0.1667	30.00%		3.6		56%	
68	9	15	0.6000	30.00%		4.5		200%	
69	3	7	0.4286	30.00%		2.1		143%	
70	2	6	0.3333	100.00%		6.0		33%	
Subtotal	377	1,133				259.6		145%	
71 or more	3	19	0.1579	100.00%		19.0		16%	
Total	380	1,152				278.6		136%	

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

Plan Year Ending June 30, (1)	TABLE 6D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Retirements (3)	Expected Retirements (4)	Actual / Expected (5)	Retirement Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	1,063	235	141.7	166%	22.11%	13.33%
2003	951	169	85.0	199%	17.77%	8.94%
2004	934	226	90.5	250%	24.20%	9.69%
2005	1,003	176	112.8	156%	17.55%	11.24%
2006	1,269	314	150.3	209%	24.74%	11.84%
2007	1,129	227	116.6	195%	20.11%	10.33%
2008	1,253	225	151.2	149%	17.96%	12.07%
2009	1,147	130	114.1	114%	11.33%	9.94%
2010	1,481	278	170.2	163%	18.77%	11.49%
2011	1,654	272	186.1	146%	16.44%	11.25%
Total	11,884	2,252	1,318.4	171%	18.95%	11.09%

*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

Age				Assumed Probability		2-YEAR PERIOD ENDING 6/30/2011 Expected Retirements		Actual/Expected	
	Actual	Total	Actual Rate	Current	Proposed	Current	Proposed	Current	Proposed
	Retirements	Exposed	(2) / (3)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	0	0	N/A	0.00%		0.0		0%	
41	0	0	N/A	0.00%		0.0		0%	
42	0	0	N/A	0.00%		0.0		0%	
43	0	0	N/A	0.00%		0.0		0%	
44	1	1	1.0000	0.00%		0.0		0%	
45	0	0	N/A	0.00%		0.0		0%	
46	0	0	N/A	0.00%		0.0		0%	
47	0	0	N/A	0.00%		0.0		0%	
48	0	0	N/A	0.00%		0.0		0%	
49	0	0	N/A	0.00%		0.0		0%	
50	0	0	N/A	0.00%		0.0		0%	
51	0	0	N/A	0.00%		0.0		0%	
52	0	0	N/A	0.00%		0.0		0%	
53	0	0	N/A	0.00%		0.0		0%	
54	0	0	N/A	0.00%		0.0		0%	
55	0	12	0.0000	2.00%		0.2		0%	
56	1	18	0.0556	2.00%		0.4		278%	
57	0	13	0.0000	2.00%		0.3		0%	
58	0	7	0.0000	2.00%		0.1		0%	
59	0	8	0.0000	3.00%		0.2		0%	
60	0	7	0.0000	4.00%		0.3		0%	
61	0	3	0.0000	5.00%		0.2		0%	
62	0	0	N/A	0.00%		0.0		0%	
63	0	0	N/A	0.00%		0.0		0%	
64	0	0	N/A	0.00%		0.0		0%	
65	0	0	N/A	0.00%		0.0		0%	
66	0	0	N/A	0.00%		0.0		0%	
67	0	0	N/A	0.00%		0.0		0%	
68	0	0	N/A	0.00%		0.0		0%	
69	0	0	N/A	0.00%		0.0		0%	
70	0	0	N/A	0.00%		0.0		0%	
Subtotal	2	69				1.7		120%	
71 or more	0	0	N/A	0.00%		0.0		0%	
Total	2	69				1.7		120%	

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 6/30/2011					
				Assumed Probability		Expected Retirements		Actual/Expected	
Age	Actual Retirements	Total Exposed	Actual Rate (2) / (3)	Current	Proposed	Current (3) x (5)	Proposed (3) x (6)	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40	2	2	1.0000	0.00%		0.0		0%	
41	4	4	1.0000	0.00%		0.0		0%	
42	7	7	1.0000	0.00%		0.0		0%	
43	7	7	1.0000	0.00%		0.0		0%	
44	8	8	1.0000	0.00%		0.0		0%	
45	14	14	1.0000	0.00%		0.0		0%	
46	22	22	1.0000	0.00%		0.0		0%	
47	27	27	1.0000	0.00%		0.0		0%	
48	39	39	1.0000	0.00%		0.0		0%	
49	68	68	1.0000	0.00%		0.0		0%	
50	70	70	1.0000	0.00%		0.0		0%	
51	52	52	1.0000	0.00%		0.0		0%	
52	67	67	1.0000	0.00%		0.0		0%	
53	63	63	1.0000	0.00%		0.0		0%	
54	40	40	1.0000	0.00%		0.0		0%	
55	48	105	0.4571	2.00%		2.1		2286%	
56	43	95	0.4526	2.00%		1.9		2263%	
57	39	80	0.4875	2.00%		1.6		2438%	
58	23	54	0.4259	2.00%		1.1		2130%	
59	24	51	0.4706	3.00%		1.5		1569%	
60	16	42	0.3810	4.00%		1.7		952%	
61	11	33	0.3333	5.00%		1.7		667%	
62	0	0	N/A	0.00%		0.0		0%	
63	0	0	N/A	0.00%		0.0		0%	
64	0	0	N/A	0.00%		0.0		0%	
65	0	0	N/A	0.00%		0.0		0%	
66	0	0	N/A	0.00%		0.0		0%	
67	0	0	N/A	0.00%		0.0		0%	
68	0	0	N/A	0.00%		0.0		0%	
69	0	0	N/A	0.00%		0.0		0%	
70	0	0	N/A	0.00%		0.0		0%	
Subtotal	694	950				11.5		6014%	
71 or more	0	0	N/A	100.00%		0.0		0%	
Total	694	950				11.5		6014%	

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 6/30/2011				
		Actual Retirements	Expected Retirements	Actual / Expected	Retirement Rate	
					Actual (3) / (2)	Expected (4) / (2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2002	69	37	0.0	219933%	53.62%	0.02%
2003	99	79	0.0	455570%	79.80%	0.02%
2004	240	222	0.0	630691%	92.50%	0.01%
2005	154	135	0.0	576352%	87.66%	0.02%
2006	93	69	0.0	413325%	74.19%	0.02%
2007	117	94	0.0	453984%	80.34%	0.02%
2008	52	29	0.0	254652%	55.77%	0.02%
2009	57	27	0.0	210747%	47.37%	0.02%
2010	35	1	0.0	9199%	2.86%	0.03%
2011	34	1	0.0	9199%	2.94%	0.03%
Total	950	694	0.2	394034%	73.05%	0.02%

*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

TABLE 8A				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.05%		0		0%	
21	0	1	0.0000	0.05%		0.0		0%	
22	0	10	0.0000	0.05%		0.0		0%	
23	0	42	0.0000	0.05%		0.0		0%	
24	0	112	0.0000	0.05%		0.1		0%	
25	0	171	0.0000	0.04%		0.1		0%	
26	0	235	0.0000	0.05%		0.1		0%	
27	0	278	0.0000	0.05%		0.1		0%	
28	0	272	0.0000	0.05%		0.1		0%	
29	0	321	0.0000	0.05%		0.2		0%	
30	0	370	0.0000	0.05%		0.2		0%	
31	0	414	0.0000	0.05%		0.2		0%	
32	1	484	0.0021	0.05%		0.2		413%	
33	0	481	0.0000	0.05%		0.2		0%	
34	1	448	0.0022	0.05%		0.2		446%	
35	0	449	0.0000	0.05%		0.2		0%	
36	0	440	0.0000	0.06%		0.3		0%	
37	0	481	0.0000	0.07%		0.3		0%	
38	0	542	0.0000	0.08%		0.4		0%	
39	2	538	0.0037	0.09%		0.5		413%	
40	1	531	0.0019	0.10%		0.5		188%	
41	1	509	0.0020	0.11%		0.6		179%	
42	0	474	0.0000	0.12%		0.6		0%	
43	1	465	0.0022	0.13%		0.6		165%	
44	1	543	0.0018	0.14%		0.8		132%	
45	1	578	0.0017	0.15%		0.9		115%	
46	1	560	0.0018	0.16%		0.9		112%	
47	1	529	0.0019	0.17%		0.9		111%	
48	0	447	0.0000	0.18%		0.8		0%	
49	1	432	0.0023	0.19%		0.8		122%	
50	0	389	0.0000	0.20%		0.8		0%	
51	1	326	0.0031	0.21%		0.7		146%	
52	1	283	0.0035	0.22%		0.6		161%	
53	0	275	0.0000	0.23%		0.6		0%	
54	0	283	0.0000	0.24%		0.7		0%	
55	1	312	0.0032	0.25%		0.8		128%	
56	0	301	0.0000	0.26%		0.8		0%	
57	1	255	0.0039	0.27%		0.7		145%	
58	0	203	0.0000	0.28%		0.6		0%	
59	0	148	0.0000	0.29%		0.4		0%	
60	0	126	0.0000	0.30%		0.4		0%	
61	0	104	0.0000	0.32%		0.3		0%	
62	0	72	0.0000	0.34%		0.2		0%	
63	0	55	0.0000	0.36%		0.2		0%	
64	1	46	0.0217	0.38%		0.2		572%	
65	0	0	N/A	0.40%		0		0%	
66	0	0	N/A	0.44%		0		0%	
67	0	0	N/A	0.48%		0		0%	
68	0	0	N/A	0.52%		0		0%	
69	0	0	N/A	0.56%		0		0%	
70	0	0	N/A	N/A		0		0%	
71	0	0	N/A	N/A		0		0%	
72	0	0	N/A	N/A		0		0%	
73	0	0	N/A	N/A		0		0%	
74	0	0	N/A	N/A		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	17	14,335				18.8		90%	

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

TABLE 8B				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.03%		0		0%	
21	0	0	N/A	0.03%		0		0%	
22	0	0	N/A	0.03%		0		0%	
23	0	0	N/A	0.03%		0		0%	
24	0	1	0.0000	0.03%		0.0		0%	
25	0	2	0.0000	0.02%		0.0		0%	
26	0	3	0.0000	0.03%		0.0		0%	
27	0	3	0.0000	0.03%		0.0		0%	
28	0	2	0.0000	0.03%		0.0		0%	
29	0	6	0.0000	0.03%		0.0		0%	
30	0	9	0.0000	0.03%		0.0		0%	
31	0	9	0.0000	0.03%		0.0		0%	
32	0	7	0.0000	0.03%		0.0		0%	
33	0	9	0.0000	0.03%		0.0		0%	
34	0	11	0.0000	0.03%		0.0		0%	
35	0	15	0.0000	0.03%		0.0		0%	
36	0	15	0.0000	0.04%		0.0		0%	
37	0	11	0.0000	0.04%		0.0		0%	
38	0	11	0.0000	0.05%		0.0		0%	
39	0	13	0.0000	0.05%		0.0		0%	
40	0	16	0.0000	0.06%		0.0		0%	
41	0	17	0.0000	0.07%		0.0		0%	
42	0	13	0.0000	0.07%		0.0		0%	
43	0	10	0.0000	0.08%		0.0		0%	
44	0	17	0.0000	0.08%		0.0		0%	
45	0	14	0.0000	0.09%		0.0		0%	
46	0	10	0.0000	0.10%		0.0		0%	
47	0	17	0.0000	0.10%		0.0		0%	
48	0	18	0.0000	0.11%		0.0		0%	
49	0	15	0.0000	0.11%		0.0		0%	
50	0	13	0.0000	0.12%		0.0		0%	
51	0	14	0.0000	0.13%		0.0		0%	
52	0	12	0.0000	0.14%		0.0		0%	
53	0	8	0.0000	0.14%		0.0		0%	
54	0	8	0.0000	0.15%		0.0		0%	
55	0	8	0.0000	0.16%		0.0		0%	
56	0	10	0.0000	0.17%		0.0		0%	
57	0	5	0.0000	0.18%		0.0		0%	
58	0	4	0.0000	0.18%		0.0		0%	
59	0	3	0.0000	0.19%		0.0		0%	
60	0	2	0.0000	0.20%		0.0		0%	
61	0	2	0.0000	0.21%		0.0		0%	
62	0	1	0.0000	0.22%		0.0		0%	
63	0	1	0.0000	0.23%		0.0		0%	
64	0	1	0.0000	0.24%		0.0		0%	
65	0	0	N/A	0.25%		0		0%	
66	0	0	N/A	0.28%		0		0%	
67	0	0	N/A	0.31%		0		0%	
68	0	0	N/A	0.34%		0		0%	
69	0	0	N/A	0.37%		0		0%	
70	0	0	N/A	N/A		0		0%	
71	0	0	N/A	N/A		0		0%	
72	0	0	N/A	N/A		0		0%	
73	0	0	N/A	N/A		0		0%	
74	0	0	N/A	N/A		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	0	366				0.3		0%	

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

TABLE 8C				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.00%		0		0%	
21	0	1	0.0000	0.05%		0.0		0%	
22	0	10	0.0000	0.05%		0.0		0%	
23	0	42	0.0000	0.05%		0.0		0%	
24	0	113	0.0000	0.05%		0.1		0%	
25	0	173	0.0000	0.04%		0.1		0%	
26	0	238	0.0000	0.05%		0.1		0%	
27	0	281	0.0000	0.05%		0.1		0%	
28	0	274	0.0000	0.05%		0.1		0%	
29	0	327	0.0000	0.05%		0.2		0%	
30	0	379	0.0000	0.05%		0.2		0%	
31	0	423	0.0000	0.05%		0.2		0%	
32	1	491	0.0020	0.05%		0.2		410%	
33	0	490	0.0000	0.05%		0.2		0%	
34	1	459	0.0022	0.05%		0.2		440%	
35	0	464	0.0000	0.05%		0.2		0%	
36	0	455	0.0000	0.06%		0.3		0%	
37	0	492	0.0000	0.07%		0.3		0%	
38	0	553	0.0000	0.08%		0.4		0%	
39	2	551	0.0036	0.09%		0.5		407%	
40	1	547	0.0018	0.10%		0.5		185%	
41	1	526	0.0019	0.11%		0.6		175%	
42	0	487	0.0000	0.12%		0.6		0%	
43	1	475	0.0021	0.13%		0.6		163%	
44	1	560	0.0018	0.14%		0.8		129%	
45	1	592	0.0017	0.15%		0.9		114%	
46	1	570	0.0018	0.16%		0.9		110%	
47	1	546	0.0018	0.17%		0.9		109%	
48	0	465	0.0000	0.18%		0.8		0%	
49	1	447	0.0022	0.19%		0.8		119%	
50	0	402	0.0000	0.20%		0.8		0%	
51	1	340	0.0029	0.21%		0.7		142%	
52	1	295	0.0034	0.22%		0.6		157%	
53	0	283	0.0000	0.23%		0.6		0%	
54	0	291	0.0000	0.24%		0.7		0%	
55	1	320	0.0031	0.25%		0.8		126%	
56	0	311	0.0000	0.26%		0.8		0%	
57	1	260	0.0038	0.27%		0.7		143%	
58	0	207	0.0000	0.28%		0.6		0%	
59	0	151	0.0000	0.29%		0.4		0%	
60	0	128	0.0000	0.30%		0.4		0%	
61	0	106	0.0000	0.32%		0.3		0%	
62	0	73	0.0000	0.34%		0.2		0%	
63	0	56	0.0000	0.36%		0.2		0%	
64	1	47	0.0213	0.38%		0.2		564%	
65	0	0	N/A	0.00%		0		0%	
66	0	0	N/A	0.00%		0		0%	
67	0	0	N/A	0.00%		0		0%	
68	0	0	N/A	0.00%		0		0%	
69	0	0	N/A	0.00%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	17	14,701				19.1		89%	

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

TABLE 8A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	165	0.0000	0.05%		0.1		0%	
25-29	0	1,277	0.0000	0.05%		0.6		0%	
30-34	2	2,197	0.0009	0.05%		1.1		182%	
35-39	2	2,450	0.0008	0.07%		1.7		115%	
40-44	4	2,522	0.0016	0.12%		3.0		132%	
45-49	4	2,546	0.0016	0.17%		4.3		93%	
50-54	2	1,556	0.0013	0.22%		3.4		59%	
55-59	2	1,219	0.0016	0.27%		3.2		62%	
60-64	1	403	0.0025	0.33%		1.3		75%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	17	14,335				18.8		90%	

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

TABLE 8B GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current	Proposed	Current	Proposed	Current	Proposed
				(7) / (3)	(8) / (3)			(2) / (7)	(2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1	0.0000	0.03%		0.0		0%	
25-29	0	16	0.0000	0.03%		0.0		0%	
30-34	0	45	0.0000	0.03%		0.0		0%	
35-39	0	65	0.0000	0.04%		0.0		0%	
40-44	0	73	0.0000	0.07%		0.1		0%	
45-49	0	74	0.0000	0.10%		0.1		0%	
50-54	0	55	0.0000	0.13%		0.1		0%	
55-59	0	30	0.0000	0.17%		0.1		0%	
60-64	0	7	0.0000	0.22%		0.0		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	0	366				0.3		0%	

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

TABLE 8C GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3) (5)	Proposed (8) / (3) (6)	Current (7)	Proposed (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	166	0.0000	0.05%		0.1		0%	
25-29	0	1,293	0.0000	0.05%		0.6		0%	
30-34	2	2,242	0.0009	0.05%		1.1		180%	
35-39	2	2,515	0.0008	0.07%		1.8		113%	
40-44	4	2,595	0.0015	0.12%		3.1		130%	
45-49	4	2,620	0.0015	0.17%		4.4		92%	
50-54	2	1,611	0.0012	0.22%		3.5		58%	
55-59	2	1,249	0.0016	0.26%		3.3		61%	
60-64	1	410	0.0024	0.33%		1.3		74%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	17	14,701				19.1		89%	

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

TABLE 8A				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	54	0.0000	0.05%		0.0		0%	
21	0	148	0.0000	0.05%		0.1		0%	
22	0	304	0.0000	0.05%		0.2		0%	
23	0	523	0.0000	0.05%		0.3		0%	
24	0	729	0.0000	0.05%		0.4		0%	
25	1	946	0.0011	0.04%		0.4		264%	
26	0	1,122	0.0000	0.05%		0.6		0%	
27	0	1,276	0.0000	0.05%		0.6		0%	
28	1	1,392	0.0007	0.05%		0.7		144%	
29	0	1,572	0.0000	0.05%		0.8		0%	
30	0	1,787	0.0000	0.05%		0.9		0%	
31	1	1,922	0.0005	0.05%		1.0		104%	
32	2	2,058	0.0010	0.05%		1.0		193%	
33	1	2,113	0.0005	0.05%		1.1		94%	
34	2	2,136	0.0009	0.05%		1.1		186%	
35	0	2,226	0.0000	0.05%		1.1		0%	
36	0	2,358	0.0000	0.06%		1.4		0%	
37	0	2,500	0.0000	0.07%		1.8		0%	
38	3	2,683	0.0011	0.08%		2.1		140%	
39	4	2,703	0.0015	0.09%		2.4		164%	
40	3	2,720	0.0011	0.10%		2.7		110%	
41	3	2,735	0.0011	0.11%		3.0		100%	
42	0	2,669	0.0000	0.12%		3.2		0%	
43	6	2,589	0.0023	0.13%		3.4		178%	
44	2	2,526	0.0008	0.14%		3.5		57%	
45	4	2,558	0.0016	0.15%		3.8		104%	
46	2	2,579	0.0008	0.16%		4.1		48%	
47	4	2,699	0.0015	0.17%		4.6		87%	
48	4	2,668	0.0015	0.18%		4.8		83%	
49	4	2,631	0.0015	0.19%		5.0		80%	
50	10	2,486	0.0040	0.20%		5.0		201%	
51	8	2,277	0.0035	0.21%		4.8		167%	
52	7	2,104	0.0033	0.22%		4.6		151%	
53	3	1,905	0.0016	0.23%		4.4		68%	
54	10	1,743	0.0057	0.24%		4.2		239%	
55	6	1,568	0.0038	0.25%		3.9		153%	
56	6	1,309	0.0046	0.26%		3.4		176%	
57	6	1,044	0.0057	0.27%		2.8		213%	
58	3	829	0.0036	0.28%		2.3		129%	
59	3	642	0.0047	0.29%		1.9		161%	
60	1	501	0.0020	0.30%		1.5		67%	
61	3	387	0.0078	0.32%		1.2		242%	
62	2	273	0.0073	0.34%		0.9		215%	
63	1	175	0.0057	0.36%		0.6		159%	
64	2	138	0.0145	0.38%		0.5		381%	
65	1	10	0.1000	0.40%		0.0		2500%	
66	0	6	0.0000	0.44%		0.0		0%	
67	0	7	0.0000	0.48%		0.0		0%	
68	0	5	0.0000	0.52%		0.0		0%	
69	0	5	0.0000	0.56%		0.0		0%	
70	0	0	N/A	N/A		0		0%	
71	0	0	N/A	N/A		0		0%	
72	1	0	N/A	N/A		0		0%	
73	1	0	N/A	N/A		0		0%	
74	0	0	N/A	N/A		0		0%	
Other	0	9	0.0000	0.00%		0		0%	
Total	121	74,349				98.3		123%	

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

TABLE 8B				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	1	0.0000	0.03%		0.0		0%	
21	0	2	0.0000	0.03%		0.0		0%	
22	0	6	0.0000	0.03%		0.0		0%	
23	0	10	0.0000	0.03%		0.0		0%	
24	0	15	0.0000	0.03%		0.0		0%	
25	0	24	0.0000	0.02%		0.0		0%	
26	0	25	0.0000	0.03%		0.0		0%	
27	0	26	0.0000	0.03%		0.0		0%	
28	0	32	0.0000	0.03%		0.0		0%	
29	0	35	0.0000	0.03%		0.0		0%	
30	0	41	0.0000	0.03%		0.0		0%	
31	0	44	0.0000	0.03%		0.0		0%	
32	0	51	0.0000	0.03%		0.0		0%	
33	0	57	0.0000	0.03%		0.0		0%	
34	0	59	0.0000	0.03%		0.0		0%	
35	0	57	0.0000	0.03%		0.0		0%	
36	0	65	0.0000	0.04%		0.0		0%	
37	0	63	0.0000	0.04%		0.0		0%	
38	0	68	0.0000	0.05%		0.0		0%	
39	0	78	0.0000	0.05%		0.0		0%	
40	0	80	0.0000	0.06%		0.0		0%	
41	1	81	0.0123	0.07%		0.1		1868%	
42	0	78	0.0000	0.07%		0.1		0%	
43	0	76	0.0000	0.08%		0.1		0%	
44	0	76	0.0000	0.08%		0.1		0%	
45	0	75	0.0000	0.09%		0.1		0%	
46	0	69	0.0000	0.10%		0.1		0%	
47	0	73	0.0000	0.10%		0.1		0%	
48	0	73	0.0000	0.11%		0.1		0%	
49	0	63	0.0000	0.11%		0.1		0%	
50	0	56	0.0000	0.12%		0.1		0%	
51	0	48	0.0000	0.13%		0.1		0%	
52	0	41	0.0000	0.14%		0.1		0%	
53	0	35	0.0000	0.14%		0.1		0%	
54	0	29	0.0000	0.15%		0.0		0%	
55	0	24	0.0000	0.16%		0.0		0%	
56	0	21	0.0000	0.17%		0.0		0%	
57	0	15	0.0000	0.18%		0.0		0%	
58	1	12	0.0833	0.18%		0.0		4529%	
59	0	10	0.0000	0.19%		0.0		0%	
60	0	7	0.0000	0.20%		0.0		0%	
61	0	7	0.0000	0.21%		0.0		0%	
62	0	7	0.0000	0.22%		0.0		0%	
63	0	5	0.0000	0.23%		0.0		0%	
64	0	4	0.0000	0.24%		0.0		0%	
65	0	1	0.0000	0.25%		0.0		0%	
66	0	0	N/A	0.28%		0		0%	
67	0	0	N/A	0.31%		0		0%	
68	0	0	N/A	0.34%		0		0%	
69	0	0	N/A	0.37%		0		0%	
70	0	0	N/A	N/A		0		0%	
71	0	0	N/A	N/A		0		0%	
72	0	0	N/A	N/A		0		0%	
73	0	0	N/A	N/A		0		0%	
74	0	0	N/A	N/A		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	2	1,825				1.4		143%	

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

TABLE 8C				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	55	0.0000	0.05%		0.0		0%	
21	0	150	0.0000	0.05%		0.1		0%	
22	0	310	0.0000	0.05%		0.2		0%	
23	0	533	0.0000	0.05%		0.3		0%	
24	0	744	0.0000	0.05%		0.4		0%	
25	1	970	0.0010	0.04%		0.4		260%	
26	0	1,147	0.0000	0.05%		0.6		0%	
27	0	1,302	0.0000	0.05%		0.6		0%	
28	1	1,424	0.0007	0.05%		0.7		142%	
29	0	1,607	0.0000	0.05%		0.8		0%	
30	0	1,828	0.0000	0.05%		0.9		0%	
31	1	1,966	0.0005	0.05%		1.0		102%	
32	2	2,109	0.0009	0.05%		1.1		190%	
33	1	2,170	0.0005	0.05%		1.1		92%	
34	2	2,195	0.0009	0.05%		1.1		183%	
35	0	2,283	0.0000	0.05%		1.1		0%	
36	0	2,423	0.0000	0.06%		1.4		0%	
37	0	2,563	0.0000	0.07%		1.8		0%	
38	3	2,751	0.0011	0.08%		2.2		138%	
39	4	2,781	0.0014	0.09%		2.5		162%	
40	3	2,800	0.0011	0.10%		2.8		108%	
41	4	2,816	0.0014	0.11%		3.1		131%	
42	0	2,747	0.0000	0.12%		3.3		0%	
43	6	2,665	0.0023	0.13%		3.4		175%	
44	2	2,602	0.0008	0.14%		3.6		56%	
45	4	2,633	0.0015	0.15%		3.9		102%	
46	2	2,648	0.0008	0.16%		4.2		48%	
47	4	2,772	0.0014	0.17%		4.7		86%	
48	4	2,741	0.0015	0.18%		4.9		82%	
49	4	2,694	0.0015	0.19%		5.1		79%	
50	10	2,542	0.0039	0.20%		5.0		198%	
51	8	2,325	0.0034	0.21%		4.8		165%	
52	7	2,145	0.0033	0.22%		4.7		149%	
53	3	1,940	0.0015	0.23%		4.4		68%	
54	10	1,772	0.0056	0.24%		4.2		237%	
55	6	1,592	0.0038	0.25%		4.0		152%	
56	6	1,330	0.0045	0.26%		3.4		174%	
57	6	1,059	0.0057	0.27%		2.8		211%	
58	4	841	0.0048	0.28%		2.3		171%	
59	3	652	0.0046	0.29%		1.9		159%	
60	1	508	0.0020	0.30%		1.5		66%	
61	3	394	0.0076	0.32%		1.3		239%	
62	2	280	0.0071	0.34%		0.9		212%	
63	1	180	0.0056	0.36%		0.6		156%	
64	2	142	0.0141	0.38%		0.5		375%	
65	1	11	0.0909	0.39%		0.0		2353%	
66	0	6	0.0000	0.44%		0.0		0%	
67	0	7	0.0000	0.48%		0.0		0%	
68	0	5	0.0000	0.52%		0.0		0%	
69	0	5	0.0000	0.56%		0.0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	1	0	N/A	0.00%		0		0%	
73	1	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	9	0.0000	0.00%		0		0%	
Total	123	76,174				99.7		123%	

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

TABLE 8A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,758	0.0000	0.05%		0.9		0%	
25-29	2	6,308	0.0003	0.05%		3.1		65%	
30-34	6	10,016	0.0006	0.05%		5.0		119%	
35-39	7	12,470	0.0006	0.07%		8.9		79%	
40-44	14	13,239	0.0011	0.12%		15.8		88%	
45-49	18	13,135	0.0014	0.17%		22.4		81%	
50-54	38	10,515	0.0036	0.22%		22.9		166%	
55-59	24	5,392	0.0045	0.27%		14.3		168%	
60-64	9	1,474	0.0061	0.33%		4.8		187%	
65-69	1	33	0.0303	0.47%		0.2		649%	
70-74	2	0	N/A			0		0%	
Other	0	9	0.0000	0.00%		0		0%	
Total	121	74,349				98.3		123%	

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

TABLE 8B GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	34	0.0000	0.03%		0.0		0%	
25-29	0	142	0.0000	0.03%		0.0		0%	
30-34	0	252	0.0000	0.03%		0.1		0%	
35-39	0	331	0.0000	0.04%		0.1		0%	
40-44	1	391	0.0026	0.07%		0.3		356%	
45-49	0	353	0.0000	0.10%		0.4		0%	
50-54	0	209	0.0000	0.13%		0.3		0%	
55-59	1	82	0.0122	0.17%		0.1		707%	
60-64	0	30	0.0000	0.22%		0.1		0%	
65-69	0	1	0.0000	0.25%		0.0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	2	1,825				1.4		143%	

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

TABLE 8C GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,792	0.0000	0.05%		0.9		0%	
25-29	2	6,450	0.0003	0.05%		3.1		64%	
30-34	6	10,268	0.0006	0.05%		5.1		117%	
35-39	7	12,801	0.0005	0.07%		9.0		78%	
40-44	15	13,630	0.0011	0.12%		16.1		93%	
45-49	18	13,488	0.0013	0.17%		22.7		79%	
50-54	38	10,724	0.0035	0.22%		23.2		164%	
55-59	25	5,474	0.0046	0.26%		14.5		173%	
60-64	9	1,504	0.0060	0.33%		4.9		184%	
65-69	1	34	0.0294	0.46%		0.2		639%	
70-74	2	0	N/A			0		0%	
Other	0	9	0.0000	0.00%		0		0%	
Total	123	76,174				99.7		123%	

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

Plan Year Ending June 30, (1)	TABLE 8D Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	8,056	10	10.6	95%	0.12%	0.13%
2003	7,893	9	10.5	85%	0.11%	0.13%
2004	7,520	28	10.4	270%	0.37%	0.14%
2005	7,349	13	10.0	130%	0.18%	0.14%
2006	7,581	12	10.0	120%	0.16%	0.13%
2007	7,717	9	9.8	92%	0.12%	0.13%
2008	7,712	9	9.6	93%	0.12%	0.12%
2009	7,645	16	9.6	166%	0.21%	0.13%
2010	7,548	9	9.7	93%	0.12%	0.13%
2011	7,153	8	9.4	85%	0.11%	0.13%
Total	76,174	123	99.7	123%	0.16%	0.13%

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

TABLE 9A				2-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.01%		0		0%	
21	0	1	0.0000	0.01%		0.0		0%	
22	0	10	0.0000	0.01%		0.0		0%	
23	0	42	0.0000	0.01%		0.0		0%	
24	0	113	0.0000	0.01%		0.0		0%	
25	0	173	0.0000	0.01%		0.0		0%	
26	0	238	0.0000	0.01%		0.0		0%	
27	0	281	0.0000	0.01%		0.0		0%	
28	0	274	0.0000	0.01%		0.0		0%	
29	0	327	0.0000	0.01%		0.0		0%	
30	0	379	0.0000	0.01%		0.0		0%	
31	0	423	0.0000	0.01%		0.0		0%	
32	0	491	0.0000	0.01%		0.0		0%	
33	0	490	0.0000	0.01%		0.0		0%	
34	0	459	0.0000	0.01%		0.0		0%	
35	0	464	0.0000	0.01%		0.0		0%	
36	0	455	0.0000	0.01%		0.0		0%	
37	0	492	0.0000	0.01%		0.0		0%	
38	0	553	0.0000	0.01%		0.1		0%	
39	0	551	0.0000	0.01%		0.1		0%	
40	0	547	0.0000	0.01%		0.1		0%	
41	0	526	0.0000	0.01%		0.1		0%	
42	0	487	0.0000	0.01%		0.0		0%	
43	0	475	0.0000	0.01%		0.0		0%	
44	0	560	0.0000	0.01%		0.1		0%	
45	0	592	0.0000	0.01%		0.1		0%	
46	0	570	0.0000	0.01%		0.1		0%	
47	0	546	0.0000	0.01%		0.1		0%	
48	0	465	0.0000	0.01%		0.0		0%	
49	0	447	0.0000	0.01%		0.0		0%	
50	0	402	0.0000	0.01%		0.0		0%	
51	0	340	0.0000	0.01%		0.0		0%	
52	0	295	0.0000	0.01%		0.0		0%	
53	0	283	0.0000	0.01%		0.0		0%	
54	0	291	0.0000	0.01%		0.0		0%	
55	0	320	0.0000	0.01%		0.0		0%	
56	0	311	0.0000	0.01%		0.0		0%	
57	0	260	0.0000	0.01%		0.0		0%	
58	0	207	0.0000	0.01%		0.0		0%	
59	0	151	0.0000	0.01%		0.0		0%	
60	0	128	0.0000	0.01%		0.0		0%	
61	0	106	0.0000	0.01%		0.0		0%	
62	0	73	0.0000	0.01%		0.0		0%	
63	0	56	0.0000	0.01%		0.0		0%	
64	0	47	0.0000	0.01%		0.0		0%	
65	0	0	N/A	0.01%		0		0%	
66	0	0	N/A	0.01%		0		0%	
67	0	0	N/A	0.01%		0		0%	
68	0	0	N/A	0.01%		0		0%	
69	0	0	N/A	0.01%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	0	14,701				1.5		0%	

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

TABLE 9A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Deaths	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	166	0.0000	0.01%		0.0		0%	
25-29	0	1,293	0.0000	0.01%		0.1		0%	
30-34	0	2,242	0.0000	0.01%		0.2		0%	
35-39	0	2,515	0.0000	0.01%		0.3		0%	
40-44	0	2,595	0.0000	0.01%		0.3		0%	
45-49	0	2,620	0.0000	0.01%		0.3		0%	
50-54	0	1,611	0.0000	0.01%		0.2		0%	
55-59	0	1,249	0.0000	0.01%		0.1		0%	
60-64	0	410	0.0000	0.01%		0.0		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	0	14,701				1.5		0%	

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

TABLE 9A				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	53	0.0000	0.01%		0.0		0%	
21	0	142	0.0000	0.01%		0.0		0%	
22	0	294	0.0000	0.01%		0.0		0%	
23	0	510	0.0000	0.01%		0.1		0%	
24	0	721	0.0000	0.01%		0.1		0%	
25	0	938	0.0000	0.01%		0.1		0%	
26	0	1,115	0.0000	0.01%		0.1		0%	
27	0	1,265	0.0000	0.01%		0.1		0%	
28	0	1,383	0.0000	0.01%		0.1		0%	
29	0	1,563	0.0000	0.01%		0.2		0%	
30	1	1,785	0.0006	0.01%		0.2		560%	
31	0	1,932	0.0000	0.01%		0.2		0%	
32	0	2,075	0.0000	0.01%		0.2		0%	
33	0	2,132	0.0000	0.01%		0.2		0%	
34	0	2,161	0.0000	0.01%		0.2		0%	
35	0	2,253	0.0000	0.01%		0.2		0%	
36	1	2,398	0.0004	0.01%		0.2		417%	
37	0	2,539	0.0000	0.01%		0.3		0%	
38	0	2,727	0.0000	0.01%		0.3		0%	
39	1	2,757	0.0004	0.01%		0.3		363%	
40	0	2,776	0.0000	0.01%		0.3		0%	
41	0	2,798	0.0000	0.01%		0.3		0%	
42	1	2,730	0.0004	0.01%		0.3		366%	
43	0	2,654	0.0000	0.01%		0.3		0%	
44	0	2,593	0.0000	0.01%		0.3		0%	
45	0	2,625	0.0000	0.01%		0.3		0%	
46	0	2,642	0.0000	0.01%		0.3		0%	
47	0	2,765	0.0000	0.01%		0.3		0%	
48	0	2,738	0.0000	0.01%		0.3		0%	
49	0	2,692	0.0000	0.01%		0.3		0%	
50	0	2,540	0.0000	0.01%		0.3		0%	
51	0	2,324	0.0000	0.01%		0.2		0%	
52	0	2,145	0.0000	0.01%		0.2		0%	
53	0	1,940	0.0000	0.01%		0.2		0%	
54	0	1,772	0.0000	0.01%		0.2		0%	
55	0	1,591	0.0000	0.01%		0.2		0%	
56	1	1,330	0.0008	0.01%		0.1		752%	
57	0	1,059	0.0000	0.01%		0.1		0%	
58	0	841	0.0000	0.01%		0.1		0%	
59	0	652	0.0000	0.01%		0.1		0%	
60	0	508	0.0000	0.01%		0.1		0%	
61	0	394	0.0000	0.01%		0.0		0%	
62	0	280	0.0000	0.01%		0.0		0%	
63	0	180	0.0000	0.01%		0.0		0%	
64	0	142	0.0000	0.01%		0.0		0%	
65	0	11	0.0000	0.01%		0.0		0%	
66	0	6	0.0000	0.01%		0.0		0%	
67	0	7	0.0000	0.01%		0.0		0%	
68	0	5	0.0000	0.01%		0.0		0%	
69	0	5	0.0000	0.01%		0.0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	7				0.0		0%	
Total	5	75,495				7.5		66%	

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

TABLE 9A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age (1)	Actual Deaths (2)	Total Exposed (3)	Actual Rate (2) / (3) (4)	Assumed Probability		Expected Deaths		Actual/Expected	
				Current (7) / (3) (5)	Proposed (8) / (3) (6)	Current (7)	Proposed (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20-24	0	1,720	0.0000	0.01%		0.2		0%	
25-29	0	6,264	0.0000	0.01%		0.6		0%	
30-34	1	10,085	0.0001	0.01%		1.0		99%	
35-39	2	12,674	0.0002	0.01%		1.3		158%	
40-44	1	13,551	0.0001	0.01%		1.4		74%	
45-49	0	13,462	0.0000	0.01%		1.3		0%	
50-54	0	10,721	0.0000	0.01%		1.1		0%	
55-59	1	5,473	0.0002	0.01%		0.5		183%	
60-64	0	1,504	0.0000	0.01%		0.2		0%	
65-69	0	34	0.0000	0.01%		0.0		0%	
70-74	0	0	N/A			0		0%	
Other	0	7	0.0000	0.01%		0.0		0%	
Total	5	75,495				7.5		66%	

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 6/30/2011				
		Actual Deaths (3)	Expected Deaths (4)	Actual / Expected (5)	Mortality Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	7,968	0	0.8	0%	0.00%	0.01%
2003	7,801	1	0.8	127%	0.01%	0.01%
2004	7,390	1	0.7	134%	0.01%	0.01%
2005	7,220	1	0.7	138%	0.01%	0.01%
2006	7,475	2	0.8	265%	0.03%	0.01%
2007	7,641	0	0.8	0%	0.00%	0.01%
2008	7,658	0	0.8	0%	0.00%	0.01%
2009	7,641	0	0.8	0%	0.00%	0.01%
2010	7,548	0	0.8	0%	0.00%	0.01%
2011	7,153	0	0.7	0%	0.00%	0.01%
Total	75,495	5	7.6	66%	0.01%	0.01%

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

TABLE 10A				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	0	N/A	0.10%		0		0%	
22	0	0	N/A	0.10%		0		0%	
23	0	0	N/A	0.10%		0		0%	
24	0	0	N/A	0.10%		0		0%	
25	0	0	N/A	0.10%		0		0%	
26	0	0	N/A	0.12%		0		0%	
27	0	0	N/A	0.14%		0		0%	
28	0	0	N/A	0.16%		0		0%	
29	0	9	0.0000	0.18%		0.0		0%	
30	0	20	0.0000	0.20%		0.0		0%	
31	0	50	0.0000	0.22%		0.1		0%	
32	0	81	0.0000	0.24%		0.2		0%	
33	0	87	0.0000	0.26%		0.2		0%	
34	0	99	0.0000	0.28%		0.3		0%	
35	0	96	0.0000	0.30%		0.3		0%	
36	0	124	0.0000	0.32%		0.4		0%	
37	0	169	0.0000	0.34%		0.6		0%	
38	0	249	0.0000	0.36%		0.9		0%	
39	0	288	0.0000	0.38%		1.1		0%	
40	0	280	0.0000	0.40%		1.1		0%	
41	0	274	0.0000	0.42%		1.2		0%	
42	0	288	0.0000	0.44%		1.3		0%	
43	1	300	0.0033	0.46%		1.4		72%	
44	0	368	0.0000	0.48%		1.8		0%	
45	0	435	0.0000	0.50%		2.2		0%	
46	0	450	0.0000	0.52%		2.3		0%	
47	0	434	0.0000	0.54%		2.3		0%	
48	0	362	0.0000	0.56%		2.0		0%	
49	0	369	0.0000	0.58%		2.1		0%	
50	0	333	0.0000	0.60%		2.0		0%	
51	0	275	0.0000	0.62%		1.7		0%	
52	0	243	0.0000	0.64%		1.6		0%	
53	0	235	0.0000	0.66%		1.6		0%	
54	0	253	0.0000	0.68%		1.7		0%	
55	0	292	0.0000	0.70%		2.0		0%	
56	0	284	0.0000	0.72%		2.0		0%	
57	0	240	0.0000	0.74%		1.8		0%	
58	0	194	0.0000	0.76%		1.5		0%	
59	0	140	0.0000	0.78%		1.1		0%	
60	0	118	0.0000	0.80%		0.9		0%	
61	0	99	0.0000	0.82%		0.8		0%	
62	1	71	0.0141	0.84%		0.6		168%	
63	0	54	0.0000	0.86%		0.5		0%	
64	1	45	0.0222	0.88%		0.4		253%	
65	0	0	N/A	0.90%		0		0%	
66	0	0	N/A	0.92%		0		0%	
67	0	0	N/A	0.94%		0		0%	
68	0	0	N/A	0.96%		0		0%	
69	0	0	N/A	0.98%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	3	7,708				42.0		7%	

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

TABLE 10B				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	0	N/A	0.10%		0		0%	
22	0	0	N/A	0.10%		0		0%	
23	0	0	N/A	0.10%		0		0%	
24	0	0	N/A	0.10%		0		0%	
25	0	0	N/A	0.10%		0		0%	
26	0	0	N/A	0.12%		0		0%	
27	0	0	N/A	0.14%		0		0%	
28	0	0	N/A	0.16%		0		0%	
29	0	0	N/A	0.18%		0		0%	
30	0	1	0.0000	0.20%		0.0		0%	
31	0	1	0.0000	0.22%		0.0		0%	
32	0	2	0.0000	0.24%		0.0		0%	
33	0	2	0.0000	0.26%		0.0		0%	
34	0	4	0.0000	0.28%		0.0		0%	
35	0	1	0.0000	0.30%		0.0		0%	
36	0	5	0.0000	0.32%		0.0		0%	
37	0	5	0.0000	0.34%		0.0		0%	
38	0	5	0.0000	0.36%		0.0		0%	
39	0	6	0.0000	0.38%		0.0		0%	
40	0	8	0.0000	0.40%		0.0		0%	
41	0	10	0.0000	0.42%		0.0		0%	
42	0	7	0.0000	0.44%		0.0		0%	
43	0	4	0.0000	0.46%		0.0		0%	
44	0	9	0.0000	0.48%		0.0		0%	
45	0	11	0.0000	0.50%		0.1		0%	
46	0	7	0.0000	0.52%		0.0		0%	
47	0	14	0.0000	0.54%		0.1		0%	
48	0	15	0.0000	0.56%		0.1		0%	
49	0	11	0.0000	0.58%		0.1		0%	
50	0	12	0.0000	0.60%		0.1		0%	
51	0	13	0.0000	0.62%		0.1		0%	
52	0	11	0.0000	0.64%		0.1		0%	
53	0	8	0.0000	0.66%		0.1		0%	
54	0	8	0.0000	0.68%		0.1		0%	
55	0	8	0.0000	0.70%		0.1		0%	
56	0	10	0.0000	0.72%		0.1		0%	
57	0	5	0.0000	0.74%		0.0		0%	
58	0	3	0.0000	0.76%		0.0		0%	
59	0	3	0.0000	0.78%		0.0		0%	
60	0	2	0.0000	0.80%		0.0		0%	
61	0	2	0.0000	0.82%		0.0		0%	
62	0	1	0.0000	0.84%		0.0		0%	
63	0	1	0.0000	0.86%		0.0		0%	
64	0	1	0.0000	0.88%		0.0		0%	
65	0	0	N/A	0.90%		0		0%	
66	0	0	N/A	0.92%		0		0%	
67	0	0	N/A	0.94%		0		0%	
68	0	0	N/A	0.96%		0		0%	
69	0	0	N/A	0.98%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	0	216				1.2		0%	

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

TABLE 10C				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.00%		0		0%	
21	0	0	N/A	0.00%		0		0%	
22	0	0	N/A	0.00%		0		0%	
23	0	0	N/A	0.00%		0		0%	
24	0	0	N/A	0.00%		0		0%	
25	0	0	N/A	0.00%		0		0%	
26	0	0	N/A	0.00%		0		0%	
27	0	0	N/A	0.00%		0		0%	
28	0	0	N/A	0.00%		0		0%	
29	0	9	0.0000	0.18%		0.0		0%	
30	0	21	0.0000	0.20%		0.0		0%	
31	0	51	0.0000	0.22%		0.1		0%	
32	0	83	0.0000	0.24%		0.2		0%	
33	0	89	0.0000	0.26%		0.2		0%	
34	0	103	0.0000	0.28%		0.3		0%	
35	0	97	0.0000	0.30%		0.3		0%	
36	0	129	0.0000	0.32%		0.4		0%	
37	0	174	0.0000	0.34%		0.6		0%	
38	0	254	0.0000	0.36%		0.9		0%	
39	0	294	0.0000	0.38%		1.1		0%	
40	0	288	0.0000	0.40%		1.2		0%	
41	0	284	0.0000	0.42%		1.2		0%	
42	0	295	0.0000	0.44%		1.3		0%	
43	1	304	0.0033	0.46%		1.4		72%	
44	0	377	0.0000	0.48%		1.8		0%	
45	0	446	0.0000	0.50%		2.2		0%	
46	0	457	0.0000	0.52%		2.4		0%	
47	0	448	0.0000	0.54%		2.4		0%	
48	0	377	0.0000	0.56%		2.1		0%	
49	0	380	0.0000	0.58%		2.2		0%	
50	0	345	0.0000	0.60%		2.1		0%	
51	0	288	0.0000	0.62%		1.8		0%	
52	0	254	0.0000	0.64%		1.6		0%	
53	0	243	0.0000	0.66%		1.6		0%	
54	0	261	0.0000	0.68%		1.8		0%	
55	0	300	0.0000	0.70%		2.1		0%	
56	0	294	0.0000	0.72%		2.1		0%	
57	0	245	0.0000	0.74%		1.8		0%	
58	0	197	0.0000	0.76%		1.5		0%	
59	0	143	0.0000	0.78%		1.1		0%	
60	0	120	0.0000	0.80%		1.0		0%	
61	0	101	0.0000	0.82%		0.8		0%	
62	1	72	0.0139	0.84%		0.6		165%	
63	0	55	0.0000	0.86%		0.5		0%	
64	1	46	0.0217	0.88%		0.4		247%	
65	0	0	N/A	0.00%		0		0%	
66	0	0	N/A	0.00%		0		0%	
67	0	0	N/A	0.00%		0		0%	
68	0	0	N/A	0.00%		0		0%	
69	0	0	N/A	0.00%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	3	7,924				43.2		7%	

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

TABLE 10A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	9	0.0000	0.18%		0.0		0%	
30-34	0	337	0.0000	0.25%		0.8		0%	
35-39	0	926	0.0000	0.35%		3.3		0%	
40-44	1	1,510	0.0007	0.44%		6.7		15%	
45-49	0	2,050	0.0000	0.54%		11.0		0%	
50-54	0	1,339	0.0000	0.64%		8.5		0%	
55-59	0	1,150	0.0000	0.73%		8.4		0%	
60-64	2	387	0.0052	0.83%		3.2		62%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	3	7,708				42.0		7%	

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

TABLE 10B GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	0	N/A			0		0%	
30-34	0	10	0.0000	0.25%		0.0		0%	
35-39	0	22	0.0000	0.35%		0.1		0%	
40-44	0	38	0.0000	0.44%		0.2		0%	
45-49	0	58	0.0000	0.54%		0.3		0%	
50-54	0	52	0.0000	0.64%		0.3		0%	
55-59	0	29	0.0000	0.73%		0.2		0%	
60-64	0	7	0.0000	0.83%		0.1		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	0	216				1.2		0%	

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

TABLE 10C GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	9	0.0000	0.18%		0.0		0%	
30-34	0	347	0.0000	0.25%		0.9		0%	
35-39	0	948	0.0000	0.35%		3.3		0%	
40-44	1	1,548	0.0006	0.44%		6.9		15%	
45-49	0	2,108	0.0000	0.54%		11.3		0%	
50-54	0	1,391	0.0000	0.64%		8.9		0%	
55-59	0	1,179	0.0000	0.73%		8.6		0%	
60-64	2	394	0.0051	0.83%		3.3		61%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	3	7,924				43.2		7%	

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

TABLE 10A				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	0	N/A	0.10%		0		0%	
22	0	0	N/A	0.10%		0		0%	
23	0	0	N/A	0.10%		0		0%	
24	0	0	N/A	0.10%		0		0%	
25	0	0	N/A	0.10%		0		0%	
26	0	0	N/A	0.12%		0		0%	
27	0	0	N/A	0.14%		0		0%	
28	0	3	0.0000	0.16%		0.0		0%	
29	0	13	0.0000	0.18%		0.0		0%	
30	0	34	0.0000	0.20%		0.1		0%	
31	0	93	0.0000	0.22%		0.2		0%	
32	1	180	0.0056	0.24%		0.4		231%	
33	2	243	0.0082	0.26%		0.6		317%	
34	0	353	0.0000	0.28%		1.0		0%	
35	1	484	0.0021	0.30%		1.5		69%	
36	2	736	0.0027	0.32%		2.4		85%	
37	2	973	0.0021	0.34%		3.3		60%	
38	3	1,232	0.0024	0.36%		4.4		68%	
39	4	1,388	0.0029	0.38%		5.3		76%	
40	4	1,517	0.0026	0.40%		6.1		66%	
41	4	1,651	0.0024	0.42%		6.9		58%	
42	6	1,711	0.0035	0.44%		7.5		80%	
43	5	1,760	0.0028	0.46%		8.1		62%	
44	1	1,807	0.0006	0.48%		8.7		12%	
45	5	1,939	0.0026	0.50%		9.7		52%	
46	6	2,065	0.0029	0.52%		10.7		56%	
47	10	2,274	0.0044	0.54%		12.3		81%	
48	5	2,304	0.0022	0.56%		12.9		39%	
49	9	2,327	0.0039	0.58%		13.5		67%	
50	6	2,228	0.0027	0.60%		13.4		45%	
51	7	2,053	0.0034	0.62%		12.7		55%	
52	11	1,915	0.0057	0.64%		12.3		90%	
53	9	1,744	0.0052	0.66%		11.5		78%	
54	4	1,623	0.0025	0.68%		11.0		36%	
55	2	1,472	0.0014	0.70%		10.3		19%	
56	7	1,231	0.0057	0.72%		8.9		79%	
57	5	986	0.0051	0.74%		7.3		69%	
58	4	786	0.0051	0.76%		6.0		67%	
59	3	611	0.0049	0.78%		4.8		63%	
60	4	475	0.0084	0.80%		3.8		105%	
61	2	374	0.0053	0.82%		3.1		65%	
62	2	265	0.0075	0.84%		2.2		90%	
63	1	168	0.0060	0.86%		1.4		69%	
64	2	132	0.0152	0.88%		1.2		172%	
65	0	10	0.0000	0.90%		0.1		0%	
66	0	6	0.0000	0.92%		0.1		0%	
67	0	7	0.0000	0.94%		0.1		0%	
68	0	5	0.0000	0.96%		0.0		0%	
69	1	5	0.2000	0.98%		0.0		2041%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	140	41,183				225.7		62%	

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

TABLE 10B				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	0	N/A	0.10%		0		0%	
22	0	0	N/A	0.10%		0		0%	
23	0	0	N/A	0.10%		0		0%	
24	0	0	N/A	0.10%		0		0%	
25	0	0	N/A	0.10%		0		0%	
26	0	0	N/A	0.12%		0		0%	
27	0	0	N/A	0.14%		0		0%	
28	0	0	N/A	0.16%		0		0%	
29	0	0	N/A	0.18%		0		0%	
30	0	2	0.0000	0.20%		0.0		0%	
31	0	2	0.0000	0.22%		0.0		0%	
32	0	4	0.0000	0.24%		0.0		0%	
33	0	5	0.0000	0.26%		0.0		0%	
34	1	12	0.0833	0.28%		0.0		2976%	
35	0	12	0.0000	0.30%		0.0		0%	
36	0	16	0.0000	0.32%		0.1		0%	
37	0	25	0.0000	0.34%		0.1		0%	
38	0	30	0.0000	0.36%		0.1		0%	
39	0	35	0.0000	0.38%		0.1		0%	
40	0	39	0.0000	0.40%		0.2		0%	
41	0	42	0.0000	0.42%		0.2		0%	
42	2	45	0.0444	0.44%		0.2		1010%	
43	0	48	0.0000	0.46%		0.2		0%	
44	0	50	0.0000	0.48%		0.2		0%	
45	0	52	0.0000	0.50%		0.3		0%	
46	1	52	0.0192	0.52%		0.3		370%	
47	1	57	0.0175	0.54%		0.3		325%	
48	0	58	0.0000	0.56%		0.3		0%	
49	0	49	0.0000	0.58%		0.3		0%	
50	0	45	0.0000	0.60%		0.3		0%	
51	0	38	0.0000	0.62%		0.2		0%	
52	0	32	0.0000	0.64%		0.2		0%	
53	0	31	0.0000	0.66%		0.2		0%	
54	0	26	0.0000	0.68%		0.2		0%	
55	0	20	0.0000	0.70%		0.1		0%	
56	0	17	0.0000	0.72%		0.1		0%	
57	0	12	0.0000	0.74%		0.1		0%	
58	0	10	0.0000	0.76%		0.1		0%	
59	0	10	0.0000	0.78%		0.1		0%	
60	0	7	0.0000	0.80%		0.1		0%	
61	0	7	0.0000	0.82%		0.1		0%	
62	0	7	0.0000	0.84%		0.1		0%	
63	0	5	0.0000	0.86%		0.0		0%	
64	0	4	0.0000	0.88%		0.0		0%	
65	0	1	0.0000	0.90%		0.0		0%	
66	0	0	N/A	0.92%		0		0%	
67	0	0	N/A	0.94%		0		0%	
68	0	0	N/A	0.96%		0		0%	
69	0	0	N/A	0.98%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	5	907				4.8		105%	

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

TABLE 10C				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.00%		0		0%	
21	0	0	N/A	0.00%		0		0%	
22	0	0	N/A	0.00%		0		0%	
23	0	0	N/A	0.00%		0		0%	
24	0	0	N/A	0.00%		0		0%	
25	0	0	N/A	0.00%		0		0%	
26	0	0	N/A	0.00%		0		0%	
27	0	0	N/A	0.00%		0		0%	
28	0	3	0.0000	0.16%		0.0		0%	
29	0	13	0.0000	0.18%		0.0		0%	
30	0	36	0.0000	0.20%		0.1		0%	
31	0	95	0.0000	0.22%		0.2		0%	
32	1	184	0.0054	0.24%		0.4		226%	
33	2	248	0.0081	0.26%		0.6		310%	
34	1	365	0.0027	0.28%		1.0		98%	
35	1	496	0.0020	0.30%		1.5		67%	
36	2	752	0.0027	0.32%		2.4		83%	
37	2	998	0.0020	0.34%		3.4		59%	
38	3	1,262	0.0024	0.36%		4.5		66%	
39	4	1,423	0.0028	0.38%		5.4		74%	
40	4	1,556	0.0026	0.40%		6.2		64%	
41	4	1,693	0.0024	0.42%		7.1		56%	
42	8	1,756	0.0046	0.44%		7.7		104%	
43	5	1,808	0.0028	0.46%		8.3		60%	
44	1	1,857	0.0005	0.48%		8.9		11%	
45	5	1,991	0.0025	0.50%		10.0		50%	
46	7	2,117	0.0033	0.52%		11.0		64%	
47	11	2,331	0.0047	0.54%		12.6		87%	
48	5	2,362	0.0021	0.56%		13.2		38%	
49	9	2,376	0.0038	0.58%		13.8		65%	
50	6	2,273	0.0026	0.60%		13.6		44%	
51	7	2,091	0.0033	0.62%		13.0		54%	
52	11	1,947	0.0056	0.64%		12.5		88%	
53	9	1,775	0.0051	0.66%		11.7		77%	
54	4	1,649	0.0024	0.68%		11.2		36%	
55	2	1,492	0.0013	0.70%		10.4		19%	
56	7	1,248	0.0056	0.72%		9.0		78%	
57	5	998	0.0050	0.74%		7.4		68%	
58	4	796	0.0050	0.76%		6.0		66%	
59	3	621	0.0048	0.78%		4.8		62%	
60	4	482	0.0083	0.80%		3.9		104%	
61	2	381	0.0052	0.82%		3.1		64%	
62	2	272	0.0074	0.84%		2.3		88%	
63	1	173	0.0058	0.86%		1.5		67%	
64	2	136	0.0147	0.88%		1.2		167%	
65	0	11	0.0000	0.90%		0.1		0%	
66	0	6	0.0000	0.92%		0.1		0%	
67	0	7	0.0000	0.94%		0.1		0%	
68	0	5	0.0000	0.96%		0.0		0%	
69	1	5	0.2000	0.98%		0.0		2041%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	145	42,090				230.5		63%	

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

TABLE 10A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	16	0.0000	0.18%		0.0		0%	
30-34	3	903	0.0033	0.26%		2.3		129%	
35-39	12	4,813	0.0025	0.35%		16.8		71%	
40-44	20	8,446	0.0024	0.44%		37.3		54%	
45-49	35	10,909	0.0032	0.54%		59.1		59%	
50-54	37	9,563	0.0039	0.64%		60.9		61%	
55-59	21	5,086	0.0041	0.73%		37.2		56%	
60-64	11	1,414	0.0078	0.83%		11.7		94%	
65-69	1	33	0.0303	0.93%		0.3		325%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	140	41,183				225.7		62%	

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

TABLE 10B GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	0	N/A			0		0%	
30-34	1	25	0.0400	0.26%		0.1		1548%	
35-39	0	118	0.0000	0.35%		0.4		0%	
40-44	2	224	0.0089	0.44%		1.0		202%	
45-49	2	268	0.0075	0.54%		1.4		138%	
50-54	0	172	0.0000	0.63%		1.1		0%	
55-59	0	69	0.0000	0.73%		0.5		0%	
60-64	0	30	0.0000	0.83%		0.3		0%	
65-69	0	1	0.0000	0.90%		0.0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	5	907				4.8		105%	

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

TABLE 10C GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	0	N/A			0		0%	
25-29	0	16	0.0000	0.18%		0.0		0%	
30-34	4	928	0.0043	0.26%		2.4		167%	
35-39	12	4,931	0.0024	0.35%		17.2		70%	
40-44	22	8,670	0.0025	0.44%		38.3		57%	
45-49	37	11,177	0.0033	0.54%		60.6		61%	
50-54	37	9,735	0.0038	0.64%		62.0		60%	
55-59	21	5,155	0.0041	0.73%		37.7		56%	
60-64	11	1,444	0.0076	0.83%		11.9		92%	
65-69	1	34	0.0294	0.93%		0.3		315%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	145	42,090				230.5		63%	

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 6/30/2011				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	4,975	24	26.6	90%	0.48%	0.54%
2003	4,668	25	25.6	98%	0.54%	0.55%
2004	4,853	25	26.3	95%	0.52%	0.54%
2005	4,333	11	23.8	46%	0.25%	0.55%
2006	4,291	19	23.5	81%	0.44%	0.55%
2007	3,826	12	21.2	57%	0.31%	0.55%
2008	3,702	15	20.5	73%	0.41%	0.55%
2009	3,518	11	19.8	56%	0.31%	0.56%
2010	3,716	3	20.7	14%	0.08%	0.56%
2011	4,208	0	22.5	0%	0.00%	0.53%
Total	42,090	145	230.5	63%	0.34%	0.55%

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

TABLE 11A				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	1	0.0000	0.10%		0.0		0%	
22	0	10	0.0000	0.10%		0.0		0%	
23	0	42	0.0000	0.10%		0.0		0%	
24	0	112	0.0000	0.10%		0.1		0%	
25	0	171	0.0000	0.10%		0.2		0%	
26	0	235	0.0000	0.11%		0.3		0%	
27	0	278	0.0000	0.12%		0.3		0%	
28	0	272	0.0000	0.13%		0.4		0%	
29	0	321	0.0000	0.14%		0.4		0%	
30	1	370	0.0027	0.15%		0.6		180%	
31	0	414	0.0000	0.16%		0.7		0%	
32	1	484	0.0021	0.17%		0.8		122%	
33	1	481	0.0021	0.18%		0.9		116%	
34	0	448	0.0000	0.19%		0.9		0%	
35	3	449	0.0067	0.20%		0.9		334%	
36	0	440	0.0000	0.21%		0.9		0%	
37	1	481	0.0021	0.22%		1.1		95%	
38	3	542	0.0055	0.23%		1.2		241%	
39	3	538	0.0056	0.24%		1.3		232%	
40	3	531	0.0056	0.25%		1.3		226%	
41	2	509	0.0039	0.26%		1.3		151%	
42	6	474	0.0127	0.27%		1.3		469%	
43	4	465	0.0086	0.28%		1.3		307%	
44	4	543	0.0074	0.29%		1.6		254%	
45	6	578	0.0104	0.30%		1.7		346%	
46	6	560	0.0107	0.34%		1.9		315%	
47	9	529	0.0170	0.38%		2.0		448%	
48	4	447	0.0089	0.42%		1.9		213%	
49	4	432	0.0093	0.46%		2.0		201%	
50	4	389	0.0103	0.50%		1.9		206%	
51	2	326	0.0061	0.56%		1.8		110%	
52	2	283	0.0071	0.62%		1.8		114%	
53	2	275	0.0073	0.68%		1.9		107%	
54	3	283	0.0106	0.74%		2.1		143%	
55	4	312	0.0128	0.80%		2.5		160%	
56	7	301	0.0233	0.88%		2.6		264%	
57	6	255	0.0235	0.96%		2.4		245%	
58	7	203	0.0345	1.04%		2.1		332%	
59	3	148	0.0203	1.12%		1.7		181%	
60	2	126	0.0159	1.20%		1.5		132%	
61	2	104	0.0192	1.30%		1.4		148%	
62	1	72	0.0139	1.40%		1.0		99%	
63	0	55	0.0000	1.50%		0.8		0%	
64	0	46	0.0000	1.60%		0.7		0%	
65	0	0	N/A	1.70%		0		0%	
66	0	0	N/A	1.82%		0		0%	
67	0	0	N/A	1.94%		0		0%	
68	0	0	N/A	2.06%		0		0%	
69	0	0	N/A	2.18%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	1	0	N/A	0.00%		0		0%	
Total	107	14,335				53.5		200%	

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

TABLE 11B				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.10%		0		0%	
21	0	0	N/A	0.10%		0		0%	
22	0	0	N/A	0.10%		0		0%	
23	0	0	N/A	0.10%		0		0%	
24	0	1	0.0000	0.10%		0.0		0%	
25	0	2	0.0000	0.10%		0.0		0%	
26	0	3	0.0000	0.11%		0.0		0%	
27	0	3	0.0000	0.12%		0.0		0%	
28	0	2	0.0000	0.13%		0.0		0%	
29	0	6	0.0000	0.14%		0.0		0%	
30	0	9	0.0000	0.15%		0.0		0%	
31	0	9	0.0000	0.16%		0.0		0%	
32	0	7	0.0000	0.17%		0.0		0%	
33	0	9	0.0000	0.18%		0.0		0%	
34	0	11	0.0000	0.19%		0.0		0%	
35	0	15	0.0000	0.20%		0.0		0%	
36	0	15	0.0000	0.21%		0.0		0%	
37	0	11	0.0000	0.22%		0.0		0%	
38	0	11	0.0000	0.23%		0.0		0%	
39	0	13	0.0000	0.24%		0.0		0%	
40	0	16	0.0000	0.25%		0.0		0%	
41	0	17	0.0000	0.26%		0.0		0%	
42	0	13	0.0000	0.27%		0.0		0%	
43	0	10	0.0000	0.28%		0.0		0%	
44	0	17	0.0000	0.29%		0.0		0%	
45	0	14	0.0000	0.30%		0.0		0%	
46	0	10	0.0000	0.34%		0.0		0%	
47	1	17	0.0588	0.38%		0.1		1548%	
48	0	18	0.0000	0.42%		0.1		0%	
49	0	15	0.0000	0.46%		0.1		0%	
50	0	13	0.0000	0.50%		0.1		0%	
51	0	14	0.0000	0.56%		0.1		0%	
52	0	12	0.0000	0.62%		0.1		0%	
53	1	8	0.1250	0.68%		0.1		1838%	
54	0	8	0.0000	0.74%		0.1		0%	
55	0	8	0.0000	0.80%		0.1		0%	
56	1	10	0.1000	0.88%		0.1		1136%	
57	0	5	0.0000	0.96%		0.0		0%	
58	0	4	0.0000	1.04%		0.0		0%	
59	0	3	0.0000	1.12%		0.0		0%	
60	0	2	0.0000	1.20%		0.0		0%	
61	0	2	0.0000	1.30%		0.0		0%	
62	0	1	0.0000	1.40%		0.0		0%	
63	0	1	0.0000	1.50%		0.0		0%	
64	0	1	0.0000	1.60%		0.0		0%	
65	0	0	N/A	1.70%		0		0%	
66	0	0	N/A	1.82%		0		0%	
67	0	0	N/A	1.94%		0		0%	
68	0	0	N/A	2.06%		0		0%	
69	0	0	N/A	2.18%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	3	366				1.4		211%	

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

TABLE 11C				2-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	0	N/A	0.00%		0		0%	
21	0	1	0.0000	0.10%		0.0		0%	
22	0	10	0.0000	0.10%		0.0		0%	
23	0	42	0.0000	0.10%		0.0		0%	
24	0	113	0.0000	0.10%		0.1		0%	
25	0	173	0.0000	0.10%		0.2		0%	
26	0	238	0.0000	0.11%		0.3		0%	
27	0	281	0.0000	0.12%		0.3		0%	
28	0	274	0.0000	0.13%		0.4		0%	
29	0	327	0.0000	0.14%		0.5		0%	
30	1	379	0.0026	0.15%		0.6		176%	
31	0	423	0.0000	0.16%		0.7		0%	
32	1	491	0.0020	0.17%		0.8		120%	
33	1	490	0.0020	0.18%		0.9		113%	
34	0	459	0.0000	0.19%		0.9		0%	
35	3	464	0.0065	0.20%		0.9		323%	
36	0	455	0.0000	0.21%		1.0		0%	
37	1	492	0.0020	0.22%		1.1		92%	
38	3	553	0.0054	0.23%		1.3		236%	
39	3	551	0.0054	0.24%		1.3		227%	
40	3	547	0.0055	0.25%		1.4		219%	
41	2	526	0.0038	0.26%		1.4		146%	
42	6	487	0.0123	0.27%		1.3		456%	
43	4	475	0.0084	0.28%		1.3		301%	
44	4	560	0.0071	0.29%		1.6		246%	
45	6	592	0.0101	0.30%		1.8		338%	
46	6	570	0.0105	0.34%		1.9		310%	
47	10	546	0.0183	0.38%		2.1		482%	
48	4	465	0.0086	0.42%		2.0		205%	
49	4	447	0.0089	0.46%		2.1		195%	
50	4	402	0.0100	0.50%		2.0		199%	
51	2	340	0.0059	0.56%		1.9		105%	
52	2	295	0.0068	0.62%		1.8		109%	
53	3	283	0.0106	0.68%		1.9		156%	
54	3	291	0.0103	0.74%		2.2		139%	
55	4	320	0.0125	0.80%		2.6		156%	
56	8	311	0.0257	0.88%		2.7		292%	
57	6	260	0.0231	0.96%		2.5		240%	
58	7	207	0.0338	1.04%		2.2		325%	
59	3	151	0.0199	1.12%		1.7		177%	
60	2	128	0.0156	1.20%		1.5		130%	
61	2	106	0.0189	1.30%		1.4		145%	
62	1	73	0.0137	1.40%		1.0		98%	
63	0	56	0.0000	1.50%		0.8		0%	
64	0	47	0.0000	1.60%		0.8		0%	
65	0	0	N/A	0.00%		0		0%	
66	0	0	N/A	0.00%		0		0%	
67	0	0	N/A	0.00%		0		0%	
68	0	0	N/A	0.00%		0		0%	
69	0	0	N/A	0.00%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	1	0	N/A	0.00%		0		0%	
Total	110	14,701				54.9		200%	

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

TABLE 11A GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	165	0.0000	0.10%		0.2		0%	
25-29	0	1,277	0.0000	0.12%		1.6		0%	
30-34	3	2,197	0.0014	0.17%		3.8		80%	
35-39	10	2,450	0.0041	0.22%		5.4		185%	
40-44	19	2,522	0.0075	0.27%		6.8		279%	
45-49	29	2,546	0.0114	0.37%		9.5		305%	
50-54	13	1,556	0.0084	0.61%		9.5		137%	
55-59	27	1,219	0.0221	0.93%		11.4		238%	
60-64	5	403	0.0124	1.35%		5.4		92%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	1	0	N/A			0		0%	
Total	107	14,335				53.5		200%	

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

TABLE 11B GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1	0.0000	0.10%		0.0		0%	
25-29	0	16	0.0000	0.12%		0.0		0%	
30-34	0	45	0.0000	0.17%		0.1		0%	
35-39	0	65	0.0000	0.22%		0.1		0%	
40-44	0	73	0.0000	0.27%		0.2		0%	
45-49	1	74	0.0135	0.39%		0.3		351%	
50-54	1	55	0.0182	0.60%		0.3		302%	
55-59	1	30	0.0333	0.92%		0.3		363%	
60-64	0	7	0.0000	1.36%		0.1		0%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	3	366				1.4		211%	

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

TABLE 11C GROUPED				2-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	166	0.0000	0.10%		0.2		0%	
25-29	0	1,293	0.0000	0.12%		1.6		0%	
30-34	3	2,242	0.0013	0.17%		3.8		78%	
35-39	10	2,515	0.0040	0.22%		5.6		180%	
40-44	19	2,595	0.0073	0.27%		7.0		271%	
45-49	30	2,620	0.0115	0.37%		9.8		306%	
50-54	14	1,611	0.0087	0.61%		9.8		143%	
55-59	28	1,249	0.0224	0.93%		11.6		241%	
60-64	5	410	0.0122	1.35%		5.5		90%	
65-69	0	0	N/A			0		0%	
70-74	0	0	N/A			0		0%	
Other	1	0	N/A			0		0%	
Total	110	14,701				54.9		200%	

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

TABLE 11A				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	54	0.0000	0.10%		0.1		0%	
21	0	148	0.0000	0.10%		0.1		0%	
22	0	304	0.0000	0.10%		0.3		0%	
23	0	523	0.0000	0.10%		0.5		0%	
24	0	729	0.0000	0.10%		0.7		0%	
25	0	946	0.0000	0.10%		0.9		0%	
26	0	1,122	0.0000	0.11%		1.2		0%	
27	0	1,276	0.0000	0.12%		1.5		0%	
28	1	1,392	0.0007	0.13%		1.8		55%	
29	0	1,572	0.0000	0.14%		2.2		0%	
30	2	1,787	0.0011	0.15%		2.7		75%	
31	0	1,922	0.0000	0.16%		3.1		0%	
32	2	2,058	0.0010	0.17%		3.5		57%	
33	4	2,113	0.0019	0.18%		3.8		105%	
34	1	2,136	0.0005	0.19%		4.1		25%	
35	4	2,226	0.0018	0.20%		4.5		90%	
36	4	2,358	0.0017	0.21%		5.0		81%	
37	8	2,500	0.0032	0.22%		5.5		145%	
38	9	2,683	0.0034	0.23%		6.2		146%	
39	9	2,703	0.0033	0.24%		6.5		139%	
40	8	2,720	0.0029	0.25%		6.8		118%	
41	11	2,735	0.0040	0.26%		7.1		155%	
42	20	2,669	0.0075	0.27%		7.2		278%	
43	12	2,589	0.0046	0.28%		7.2		166%	
44	16	2,526	0.0063	0.29%		7.3		218%	
45	11	2,558	0.0043	0.30%		7.7		143%	
46	13	2,579	0.0050	0.34%		8.8		148%	
47	21	2,699	0.0078	0.38%		10.3		205%	
48	9	2,668	0.0034	0.42%		11.2		80%	
49	16	2,631	0.0061	0.46%		12.1		132%	
50	21	2,486	0.0084	0.50%		12.4		169%	
51	14	2,277	0.0061	0.56%		12.8		110%	
52	16	2,104	0.0076	0.62%		13.0		123%	
53	10	1,905	0.0052	0.68%		13.0		77%	
54	15	1,743	0.0086	0.74%		12.9		116%	
55	22	1,568	0.0140	0.80%		12.5		175%	
56	23	1,309	0.0176	0.88%		11.5		200%	
57	13	1,044	0.0125	0.96%		10.0		130%	
58	15	829	0.0181	1.04%		8.6		174%	
59	10	642	0.0156	1.12%		7.2		139%	
60	7	501	0.0140	1.20%		6.0		116%	
61	5	387	0.0129	1.30%		5.0		99%	
62	5	273	0.0183	1.40%		3.8		131%	
63	1	175	0.0057	1.50%		2.6		38%	
64	2	138	0.0145	1.60%		2.2		91%	
65	0	10	0.0000	1.70%		0.2		0%	
66	0	6	0.0000	1.82%		0.1		0%	
67	0	7	0.0000	1.94%		0.1		0%	
68	1	5	0.2000	2.06%		0.1		971%	
69	0	5	0.0000	2.18%		0.1		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	1	9	0.1111	0.00%		0		0%	
Total	362	74,349				274.2		132%	

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

TABLE 11B				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	1	0.0000	0.10%		0.0		0%	
21	0	2	0.0000	0.10%		0.0		0%	
22	0	6	0.0000	0.10%		0.0		0%	
23	0	10	0.0000	0.10%		0.0		0%	
24	0	15	0.0000	0.10%		0.0		0%	
25	0	24	0.0000	0.10%		0.0		0%	
26	0	25	0.0000	0.11%		0.0		0%	
27	0	26	0.0000	0.12%		0.0		0%	
28	0	32	0.0000	0.13%		0.0		0%	
29	0	35	0.0000	0.14%		0.0		0%	
30	0	41	0.0000	0.15%		0.1		0%	
31	0	44	0.0000	0.16%		0.1		0%	
32	0	51	0.0000	0.17%		0.1		0%	
33	0	57	0.0000	0.18%		0.1		0%	
34	0	59	0.0000	0.19%		0.1		0%	
35	0	57	0.0000	0.20%		0.1		0%	
36	0	65	0.0000	0.21%		0.1		0%	
37	0	63	0.0000	0.22%		0.1		0%	
38	0	68	0.0000	0.23%		0.2		0%	
39	0	78	0.0000	0.24%		0.2		0%	
40	0	80	0.0000	0.25%		0.2		0%	
41	1	81	0.0123	0.26%		0.2		475%	
42	0	78	0.0000	0.27%		0.2		0%	
43	0	76	0.0000	0.28%		0.2		0%	
44	0	76	0.0000	0.29%		0.2		0%	
45	1	75	0.0133	0.30%		0.2		444%	
46	1	69	0.0145	0.34%		0.2		426%	
47	1	73	0.0137	0.38%		0.3		360%	
48	1	73	0.0137	0.42%		0.3		326%	
49	0	63	0.0000	0.46%		0.3		0%	
50	0	56	0.0000	0.50%		0.3		0%	
51	0	48	0.0000	0.56%		0.3		0%	
52	0	41	0.0000	0.62%		0.3		0%	
53	1	35	0.0286	0.68%		0.2		420%	
54	0	29	0.0000	0.74%		0.2		0%	
55	0	24	0.0000	0.80%		0.2		0%	
56	1	21	0.0476	0.88%		0.2		541%	
57	0	15	0.0000	0.96%		0.1		0%	
58	0	12	0.0000	1.04%		0.1		0%	
59	0	10	0.0000	1.12%		0.1		0%	
60	0	7	0.0000	1.20%		0.1		0%	
61	0	7	0.0000	1.30%		0.1		0%	
62	1	7	0.1429	1.40%		0.1		1020%	
63	0	5	0.0000	1.50%		0.1		0%	
64	0	4	0.0000	1.60%		0.1		0%	
65	0	1	0.0000	1.70%		0.0		0%	
66	0	0	N/A	1.82%		0		0%	
67	0	0	N/A	1.94%		0		0%	
68	0	0	N/A	2.06%		0		0%	
69	0	0	N/A	2.18%		0		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	0	0	N/A	0.00%		0		0%	
Total	8	1,825				6.2		129%	

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

TABLE 11C				10-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	
				Current (5)	Proposed (6)	Current (3) x (5) (7)	Proposed (3) x (6) (8)	Current (2) / (7) (9)	Proposed (2) / (8) (10)
20	0	55	0.0000	0.10%		0.1		0%	
21	0	150	0.0000	0.10%		0.2		0%	
22	0	310	0.0000	0.10%		0.3		0%	
23	0	533	0.0000	0.10%		0.5		0%	
24	0	744	0.0000	0.10%		0.7		0%	
25	0	970	0.0000	0.10%		1.0		0%	
26	0	1,147	0.0000	0.11%		1.3		0%	
27	0	1,302	0.0000	0.12%		1.6		0%	
28	1	1,424	0.0007	0.13%		1.9		54%	
29	0	1,607	0.0000	0.14%		2.2		0%	
30	2	1,828	0.0011	0.15%		2.7		73%	
31	0	1,966	0.0000	0.16%		3.1		0%	
32	2	2,109	0.0009	0.17%		3.6		56%	
33	4	2,170	0.0018	0.18%		3.9		102%	
34	1	2,195	0.0005	0.19%		4.2		24%	
35	4	2,283	0.0018	0.20%		4.6		88%	
36	4	2,423	0.0017	0.21%		5.1		79%	
37	8	2,563	0.0031	0.22%		5.6		142%	
38	9	2,751	0.0033	0.23%		6.3		142%	
39	9	2,781	0.0032	0.24%		6.7		135%	
40	8	2,800	0.0029	0.25%		7.0		114%	
41	12	2,816	0.0043	0.26%		7.3		164%	
42	20	2,747	0.0073	0.27%		7.4		270%	
43	12	2,665	0.0045	0.28%		7.5		161%	
44	16	2,602	0.0061	0.29%		7.5		212%	
45	12	2,633	0.0046	0.30%		7.9		152%	
46	14	2,648	0.0053	0.34%		9.0		156%	
47	22	2,772	0.0079	0.38%		10.5		209%	
48	10	2,741	0.0036	0.42%		11.5		87%	
49	16	2,694	0.0059	0.46%		12.4		129%	
50	21	2,542	0.0083	0.50%		12.7		165%	
51	14	2,325	0.0060	0.56%		13.0		108%	
52	16	2,145	0.0075	0.62%		13.3		120%	
53	11	1,940	0.0057	0.68%		13.2		83%	
54	15	1,772	0.0085	0.74%		13.1		114%	
55	22	1,592	0.0138	0.80%		12.7		173%	
56	24	1,330	0.0180	0.88%		11.7		205%	
57	13	1,059	0.0123	0.96%		10.2		128%	
58	15	841	0.0178	1.04%		8.7		171%	
59	10	652	0.0153	1.12%		7.3		137%	
60	7	508	0.0138	1.20%		6.1		115%	
61	5	394	0.0127	1.30%		5.1		98%	
62	6	280	0.0214	1.40%		3.9		153%	
63	1	180	0.0056	1.50%		2.7		37%	
64	2	142	0.0141	1.60%		2.3		88%	
65	0	11	0.0000	1.70%		0.2		0%	
66	0	6	0.0000	1.82%		0.1		0%	
67	0	7	0.0000	1.94%		0.1		0%	
68	1	5	0.2000	2.06%		0.1		971%	
69	0	5	0.0000	2.18%		0.1		0%	
70	0	0	N/A	0.00%		0		0%	
71	0	0	N/A	0.00%		0		0%	
72	0	0	N/A	0.00%		0		0%	
73	0	0	N/A	0.00%		0		0%	
74	0	0	N/A	0.00%		0		0%	
Other	1	9	0.1111	0.00%		0		0%	
Total	370	76,174				280.4		132%	

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

TABLE 11A GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,758	0.0000	0.10%		1.8		0%	
25-29	1	6,308	0.0002	0.12%		7.7		13%	
30-34	9	10,016	0.0009	0.17%		17.1		53%	
35-39	34	12,470	0.0027	0.22%		27.6		123%	
40-44	67	13,239	0.0051	0.27%		35.7		188%	
45-49	70	13,135	0.0053	0.38%		50.0		140%	
50-54	76	10,515	0.0072	0.61%		64.1		119%	
55-59	83	5,392	0.0154	0.93%		49.9		166%	
60-64	20	1,474	0.0136	1.34%		19.7		102%	
65-69	1	33	0.0303	1.90%		0.6		159%	
70-74	0	0	N/A			0		0%	
Other	1	9	0.1111	0.00%		0		0%	
Total	362	74,349				274.2		132%	

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

TABLE 11B GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	34	0.0000	0.10%		0.0		0%	
25-29	0	142	0.0000	0.12%		0.2		0%	
30-34	0	252	0.0000	0.17%		0.4		0%	
35-39	0	331	0.0000	0.22%		0.7		0%	
40-44	1	391	0.0026	0.27%		1.1		95%	
45-49	4	353	0.0113	0.38%		1.3		300%	
50-54	1	209	0.0048	0.60%		1.3		80%	
55-59	1	82	0.0122	0.92%		0.8		132%	
60-64	1	30	0.0333	1.37%		0.4		243%	
65-69	0	1	0.0000	1.70%		0.0		0%	
70-74	0	0	N/A			0		0%	
Other	0	0	N/A			0		0%	
Total	8	1,825				6.2		129%	

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

TABLE 11C GROUPED				10-YEAR PERIOD ENDING 6/30/2011					
Age	Actual Disabilities	Total Exposed	Actual Rate (2) / (3)	Assumed Probability		Expected Disabilities		Actual/Expected	
				Current (7) / (3)	Proposed (8) / (3)	Current	Proposed	Current (2) / (7)	Proposed (2) / (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20-24	0	1,792	0.0000	0.10%		1.8		0%	
25-29	1	6,450	0.0002	0.12%		7.9		13%	
30-34	9	10,268	0.0009	0.17%		17.5		51%	
35-39	34	12,801	0.0027	0.22%		28.3		120%	
40-44	68	13,630	0.0050	0.27%		36.7		185%	
45-49	74	13,488	0.0055	0.38%		51.3		144%	
50-54	77	10,724	0.0072	0.61%		65.3		118%	
55-59	84	5,474	0.0153	0.93%		50.7		166%	
60-64	21	1,504	0.0140	1.34%		20.1		104%	
65-69	1	34	0.0294	1.89%		0.6		155%	
70-74	0	0	N/A			0		0%	
Other	1	9	0.1111	0.00%		0		0%	
Total	370	76,174				280.4		132%	

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 6/30/2011				
		Actual Disabilities (3)	Expected Disabilities (4)	Actual / Expected (5)	Disability Rate	
					Actual (3) / (2) (6)	Expected (4) / (2) (7)
2002	8,056	13	28.8	45%	0.16%	0.36%
2003	7,893	19	29.0	65%	0.24%	0.37%
2004	7,520	29	28.9	100%	0.39%	0.38%
2005	7,349	27	27.9	97%	0.37%	0.38%
2006	7,581	56	28.3	198%	0.74%	0.37%
2007	7,717	43	27.7	155%	0.56%	0.36%
2008	7,712	41	27.3	150%	0.53%	0.35%
2009	7,645	32	27.4	117%	0.42%	0.36%
2010	7,548	44	27.9	158%	0.58%	0.37%
2011	7,153	66	27.2	243%	0.92%	0.38%
Total	76,174	370	280.4	132%	0.49%	0.37%

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

TABLE 12A

2-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-		0.00%	7.00%
1	169	\$ 7,020,563	\$ 7,621,358	\$ 7,652,414	95%	8.56%	9.00%
2	570	24,913,661	27,958,982	27,654,164	111%	12.22%	11.00%
3	871	41,583,431	49,160,597	48,236,780	114%	18.22%	16.00%
4	1,186	69,596,997	85,982,292	93,955,946	67%	23.54%	35.00%
5	1,508	110,155,842	131,970,320	137,694,803	79%	19.80%	25.00%
6	829	71,001,115	74,605,776	74,125,164	115%	5.08%	4.40%
7	64	4,642,078	5,152,844	4,855,614	239%	11.00%	4.60%
8	350	28,908,786	30,384,533	30,296,408	106%	5.10%	4.80%
9	1,171	100,824,373	106,678,630	107,075,484	94%	5.81%	6.20%
10	1,265	113,847,260	119,959,996	119,539,623	107%	5.37%	5.00%
11	545	50,071,718	52,086,914	52,525,232	82%	4.02%	4.90%
12	398	35,583,656	37,096,104	37,291,671	89%	4.25%	4.80%
13	288	26,413,649	26,890,021	27,655,091	38%	1.80%	4.70%
14	344	31,531,824	33,335,072	33,392,202	97%	5.72%	5.90%
15	325	31,599,997	32,248,496	33,021,997	46%	2.05%	4.50%
16	462	43,672,405	46,045,078	45,593,991	123%	5.43%	4.40%
17	462	46,003,896	45,934,170	47,982,064	-4%	-0.15%	4.30%
18	42	3,931,538	4,140,635	4,096,663	127%	5.32%	4.20%
19	493	49,349,881	51,940,281	52,014,775	97%	5.25%	5.40%
20	708	73,300,866	74,214,982	76,232,901	31%	1.25%	4.00%
21	403	41,940,881	41,669,974	43,576,575	-17%	-0.65%	3.90%
22	309	32,133,734	32,914,106	33,354,816	64%	2.43%	3.80%
23	278	29,620,836	29,473,588	30,716,807	-13%	-0.50%	3.70%
24	234	24,663,991	25,158,428	25,551,895	56%	2.00%	3.60%
25	232	24,822,758	24,942,497	25,691,555	14%	0.48%	3.50%
26	124	13,444,930	13,345,667	13,915,503	-21%	-0.74%	3.50%
27	64	6,760,609	6,855,321	6,997,230	40%	1.40%	3.50%
28	116	13,041,241	13,334,989	13,497,684	64%	2.25%	3.50%
29	81	9,659,317	9,627,474	9,997,393	-9%	-0.33%	3.50%
30+	33	3,971,714	4,023,377	4,110,724	37%	1.30%	3.50%
Total	13,924	1,164,013,547	1,244,752,502	1,268,303,165	77%	6.94%	8.96%

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

TABLE 12B

2-YEAR PERIOD ENDING 6/30/2011

<u>Service</u>	<u>Life Years Exposed</u>	<u>Total Salary BOY</u>	<u>Estimated Actual Merit Salary EOY</u>	<u>Expected Merit Salary EOY</u>	<u>Actual / Expected</u>	<u>Increase %</u>	
						<u>Actual %</u>	<u>Expected %</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-	429%	15.03%	3.50%
1	169	\$ 7,020,563	\$ 7,217,594	\$ 7,406,694	51%	2.81%	5.50%
2	570	24,913,661	26,591,628	26,782,186	90%	6.74%	7.50%
3	871	41,583,431	45,268,814	46,781,360	71%	8.86%	12.50%
4	1,186	69,596,997	79,027,710	91,520,051	43%	13.55%	31.50%
5	1,508	110,155,842	126,552,181	133,839,348	69%	14.88%	21.50%
6	829	71,001,115	73,241,748	71,640,125	351%	3.16%	0.90%
7	64	4,642,078	4,768,897	4,693,141	248%	2.73%	1.10%
8	350	28,908,786	29,637,195	29,284,600	194%	2.52%	1.30%
9	1,171	100,824,373	103,536,078	103,546,631	100%	2.69%	2.70%
10	1,265	113,847,260	118,449,899	115,554,969	270%	4.04%	1.50%
11	545	50,071,718	51,656,927	50,772,722	226%	3.17%	1.40%
12	398	35,583,656	36,443,363	36,046,244	186%	2.42%	1.30%
13	288	26,413,649	27,042,780	26,730,613	198%	2.38%	1.20%
14	344	31,531,824	32,157,959	32,288,588	83%	1.99%	2.40%
15	325	31,599,997	32,131,176	31,915,997	168%	1.68%	1.00%
16	462	43,672,405	44,064,492	44,065,457	100%	0.90%	0.90%
17	462	46,003,896	46,430,964	46,371,927	116%	0.93%	0.80%
18	42	3,931,538	3,990,329	3,959,059	214%	1.50%	0.70%
19	493	49,349,881	50,150,495	50,287,529	85%	1.62%	1.90%
20	708	73,300,866	74,019,955	73,667,370	196%	0.98%	0.50%
21	403	41,940,881	42,148,973	42,108,645	124%	0.50%	0.40%
22	309	32,133,734	32,284,940	32,230,135	157%	0.47%	0.30%
23	278	29,620,836	29,697,630	29,680,078	130%	0.26%	0.20%
24	234	24,663,991	24,794,424	24,688,655	529%	0.53%	0.10%
25	232	24,822,758	24,889,749	24,822,758		0.27%	0.00%
26	124	13,444,930	13,470,915	13,444,930		0.19%	0.00%
27	64	6,760,609	6,802,776	6,760,609		0.62%	0.00%
28	116	13,041,241	13,127,809	13,041,241		0.66%	0.00%
29	81	9,659,317	9,688,893	9,659,317		0.31%	0.00%
30+	33	3,971,714	3,971,714	3,971,714		0.00%	0.00%
Total	13,924	1,164,013,547	1,213,258,006	1,227,562,691	77%	4.23%	5.46%

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

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

TABLE 12A

10-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Total Salary BOY	Actual Salary EOY	Expected Salary EOY	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	1,025	\$ 33,683,054	\$ 42,586,151	\$ 36,040,868	378%	26.43%	7.00%
1	4,258	171,094,111	190,992,692	186,492,581	129%	11.63%	9.00%
2	4,109	184,448,220	204,352,468	204,737,524	98%	10.79%	11.00%
3	4,306	210,472,161	236,756,624	244,147,707	78%	12.49%	16.00%
4	4,192	225,323,097	273,780,548	304,186,181	61%	21.51%	35.00%
5	3,708	238,079,773	288,017,047	297,599,716	84%	20.98%	25.00%
6	3,346	243,792,249	260,895,200	254,519,108	159%	7.02%	4.40%
7	2,515	186,146,322	196,826,090	194,709,053	125%	5.74%	4.60%
8	2,982	221,402,267	231,911,947	232,029,576	99%	4.75%	4.80%
9	2,953	228,463,158	241,380,808	242,627,874	91%	5.65%	6.20%
10	2,605	210,246,475	221,422,912	220,758,799	106%	5.32%	5.00%
11	2,427	178,367,374	194,178,432	187,107,375	181%	8.86%	4.90%
12	2,542	184,432,107	194,210,869	193,284,848	110%	5.30%	4.80%
13	2,556	190,034,564	198,569,701	198,966,189	96%	4.49%	4.70%
14	2,811	204,081,930	222,237,843	216,122,764	151%	8.90%	5.90%
15	3,003	232,127,889	246,541,616	242,573,644	138%	6.21%	4.50%
16	3,320	252,767,114	270,703,295	263,888,867	161%	7.10%	4.40%
17	3,659	289,629,289	306,851,919	302,083,348	138%	5.95%	4.30%
18	3,241	262,571,843	275,287,684	273,599,860	115%	4.84%	4.20%
19	2,692	228,764,183	244,768,941	241,117,449	130%	7.00%	5.40%
20	2,354	205,923,125	217,492,675	214,160,050	140%	5.62%	4.00%
21	1,752	156,888,606	162,121,925	163,007,262	86%	3.34%	3.90%
22	1,339	119,537,326	125,093,375	124,079,744	122%	4.65%	3.80%
23	1,105	102,606,155	106,910,564	106,402,583	113%	4.20%	3.70%
24	764	73,252,574	76,072,434	75,889,667	107%	3.85%	3.60%
25	577	57,012,758	59,309,282	59,008,205	115%	4.03%	3.50%
26	386	39,311,775	40,225,928	40,687,687	66%	2.33%	3.50%
27	305	29,913,453	31,196,489	30,960,424	123%	4.29%	3.50%
28	297	28,487,127	29,823,272	29,484,176	134%	4.69%	3.50%
29	219	21,617,689	22,028,025	22,374,308	54%	1.90%	3.50%
30+	117	11,020,189	11,503,413	11,405,896	125%	4.38%	3.50%
Total	71,465	5,021,497,957	5,424,050,169	5,414,053,332	103%	8.02%	7.82%

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

TABLE 12B

10-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> <u>(1)</u>	<u>Life Years</u> <u>Exposed</u> <u>(2)</u>	<u>Total Salary BOY</u> <u>(3)</u>	<u>Estimated Actual</u> <u>Merit Salary EOY</u> <u>(4)</u>	<u>Expected Merit Salary</u> <u>EOY</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	1,025	\$ 33,683,054	\$ 38,745,419	\$ 34,861,961	429%	15.03%	3.50%
1	4,258	171,094,111	175,895,841	180,504,287	51%	2.81%	5.50%
2	4,109	184,448,220	196,871,046	198,281,837	90%	6.74%	7.50%
3	4,306	210,472,161	229,125,519	236,781,181	71%	8.86%	12.50%
4	4,192	225,323,097	255,855,411	296,299,873	43%	13.55%	31.50%
5	3,708	238,079,773	273,517,172	289,266,924	69%	14.88%	21.50%
6	3,346	243,792,249	251,485,777	245,986,379	351%	3.16%	0.90%
7	2,515	186,146,322	191,231,753	188,193,932	248%	2.73%	1.10%
8	2,982	221,402,267	226,980,894	224,280,496	194%	2.52%	1.30%
9	2,953	228,463,158	234,607,750	234,631,663	100%	2.69%	2.70%
10	2,605	210,246,475	218,746,360	213,400,172	270%	4.04%	1.50%
11	2,427	178,367,374	184,014,266	180,864,517	226%	3.17%	1.40%
12	2,542	184,432,107	188,888,018	186,829,724	186%	2.42%	1.30%
13	2,556	190,034,564	194,560,888	192,314,979	198%	2.38%	1.20%
14	2,811	204,081,930	208,134,432	208,979,896	83%	1.99%	2.40%
15	3,003	232,127,889	236,029,832	234,449,168	168%	1.68%	1.00%
16	3,320	252,767,114	255,036,437	255,042,018	100%	0.90%	0.90%
17	3,659	289,629,289	292,318,007	291,946,323	116%	0.93%	0.80%
18	3,241	262,571,843	266,498,247	264,409,846	214%	1.50%	0.70%
19	2,692	228,764,183	232,475,475	233,110,702	85%	1.62%	1.90%
20	2,354	205,923,125	207,943,251	206,952,741	196%	0.98%	0.50%
21	1,752	156,888,606	157,667,017	157,516,160	124%	0.50%	0.40%
22	1,339	119,537,326	120,099,812	119,895,938	157%	0.47%	0.30%
23	1,105	102,606,155	102,872,169	102,811,367	130%	0.26%	0.20%
24	764	73,252,574	73,639,962	73,325,827	529%	0.53%	0.10%
25	577	57,012,758	57,166,621	57,012,758		0.27%	0.00%
26	386	39,311,775	39,387,752	39,311,775		0.19%	0.00%
27	305	29,913,453	30,100,028	29,913,453		0.62%	0.00%
28	297	28,487,127	28,676,225	28,487,127		0.66%	0.00%
29	219	21,617,689	21,683,880	21,617,689		0.31%	0.00%
30+	117	11,020,189	11,020,189	11,020,189		0.00%	0.00%
Total	71,465	5,021,497,957	5,201,275,448	5,238,300,903	83%	3.58%	4.32%

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

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

Plan Year Ending June 30, (1)	TABLE 12C Life Years Exposed (2)	10-YEAR PERIOD ENDING 6/30/2011					
		Total Salary BOY (3)	Actual Salary EOY (4)	Expected Salary EOY (5)	Actual / Expected (5)	Increase %	
						Actual (4) / (3) (6)	Expected (5) / (3) (7)
2002	7,660	\$ 409,352,508	\$ 468,629,895	\$ 435,674,423	225%	14.48%	6.43%
2003	7,512	451,796,315	464,093,441	482,990,240	39%	2.72%	6.90%
2004	6,963	424,689,585	449,428,063	457,492,062	75%	5.83%	7.72%
2005	6,915	433,240,862	516,262,669	474,135,137	203%	19.16%	9.44%
2006	6,959	496,802,604	530,803,782	537,764,408	83%	6.84%	8.25%
2007	7,209	522,722,146	578,964,394	554,954,065	174%	10.76%	6.17%
2008	7,310	563,981,063	598,700,915	598,969,431	99%	6.16%	6.20%
2009	7,412	590,508,211	610,714,725	640,625,595	40%	3.42%	8.49%
2010	7,187	580,637,515	629,656,194	637,551,317	86%	8.44%	9.80%
2011	6,808	591,364,585	623,163,413	639,020,001	67%	5.38%	8.06%
Total	71,935	5,065,095,394	5,470,417,491	5,459,176,679	103%	8.00%	7.78%

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

TABLE 13A

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	0	-	-	-			12.00%
1	165	\$ 6,844,177	\$ 453,199	\$ 821,301	55%	6.62%	12.00%
2	567	24,783,524	2,123,262	2,974,023	71%	8.57%	12.00%
3	867	41,377,703	3,566,480	4,965,324	72%	8.62%	12.00%
4	1,179	69,263,410	5,579,872	8,311,609	67%	8.06%	12.00%
5	1,506	110,005,034	9,244,493	13,200,604	70%	8.40%	12.00%
6	824	70,612,038	7,782,603	8,473,445	92%	11.02%	12.00%
7	64	4,642,078	443,105	557,049	80%	9.55%	12.00%
8	344	28,463,327	2,196,347	3,415,599	64%	7.72%	12.00%
9	1,169	100,734,807	8,630,832	12,088,177	71%	8.57%	12.00%
10	1,264	113,762,010	11,399,374	13,651,441	84%	10.02%	12.00%
11	543	49,947,501	5,113,128	5,993,700	85%	10.24%	12.00%
12	398	35,583,656	3,002,771	4,270,039	70%	8.44%	12.00%
13	286	26,223,955	2,791,022	3,146,875	89%	10.64%	12.00%
14	343	31,420,380	2,435,572	3,770,446	65%	7.75%	12.00%
15	324	31,502,639	3,364,079	3,780,317	89%	10.68%	12.00%
16	462	43,672,405	3,267,178	5,240,689	62%	7.48%	12.00%
17	462	46,003,896	4,790,485	5,520,468	87%	10.41%	12.00%
18	42	3,931,538	409,925	471,785	87%	10.43%	12.00%
19	491	49,210,711	3,938,169	5,905,285	67%	8.00%	12.00%
20	707	73,183,656	7,201,527	8,782,039	82%	9.84%	12.00%
21	403	41,940,881	4,502,108	5,032,906	89%	10.73%	12.00%
22	309	32,133,734	2,916,315	3,856,048	76%	9.08%	12.00%
23	278	29,620,836	3,053,364	3,554,500	86%	10.31%	12.00%
24	234	24,663,991	2,218,871	2,959,679	75%	9.00%	12.00%
25	232	24,822,758	2,465,806	2,978,731	83%	9.93%	12.00%
26	124	13,444,930	1,438,116	1,613,392	89%	10.70%	12.00%
27	64	6,760,609	676,594	811,273	83%	10.01%	12.00%
28	116	13,041,241	895,591	1,564,949	57%	6.87%	12.00%
29	81	9,659,317	733,945	1,159,118	63%	7.60%	12.00%
30	33	3,971,714	270,321	476,606	57%	6.81%	12.00%
31	17	1,969,136	177,004	236,296	75%	8.99%	12.00%
32	2	279,212	19,966	33,505	60%	7.15%	12.00%
33	3	390,576	32,595	46,869	70%	8.35%	12.00%
34	2	197,832	22,645	23,740	95%	11.45%	12.00%
35	9	1,101,267	48,152	132,152	36%	4.37%	12.00%
36	15	1,632,303	80,262	195,876	41%	4.92%	12.00%
37	9	875,528	68,321	105,063	65%	7.80%	12.00%
38	2	183,604	13,434	22,032	61%	7.32%	12.00%
39	5	576,386	11,611	69,166	17%	2.01%	12.00%
40	5	600,315	17,513	72,038	24%	2.92%	12.00%
41	0	-	-	-			12.00%
42	0	-	-	-			12.00%
43	1	89,238	3,958	10,709	37%	4.44%	12.00%
44	1	93,156	9,805	11,179	88%	10.53%	12.00%
45	0	-	-	-			12.00%
Total	13,952	1,169,217,009	107,409,720	140,306,041	77%	9.19%	12.00%

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

TABLE 13B

2-YEAR PERIOD ENDING 6/30/2011

Service (1)	Life Years Exposed (2)	Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual % (7)	Expected % (8)
0	0	-	-	-		0.00%	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	1	\$ 96,979	\$ 11,734	\$ 11,637	101%	12.10%	12.00%
14	0	-	-	-		0.00%	12.00%
15	0	-	-	-		0.00%	12.00%
16	15	1,587,840	367,058	190,541	193%	23.12%	12.00%
17	23	2,419,624	476,093	290,355	164%	19.68%	12.00%
18	8	864,165	153,430	103,700	148%	17.75%	12.00%
19	590	62,337,662	11,031,476	7,480,519	147%	17.70%	12.00%
20	797	86,166,469	17,389,740	10,339,976	168%	20.18%	12.00%
21	119	13,214,235	2,677,003	1,585,708	169%	20.26%	12.00%
22	73	8,092,187	1,523,472	971,062	157%	18.83%	12.00%
23	77	9,284,202	2,059,960	1,114,104	185%	22.19%	12.00%
24	89	10,355,847	2,225,228	1,242,702	179%	21.49%	12.00%
25	66	7,900,765	1,644,978	948,092	174%	20.82%	12.00%
26	44	5,431,653	1,144,200	651,798	176%	21.07%	12.00%
27	21	2,555,201	540,479	306,624	176%	21.15%	12.00%
28	21	2,659,711	582,114	319,165	182%	21.89%	12.00%
29	14	1,801,588	347,180	216,191	161%	19.27%	12.00%
30	4	517,687	115,147	62,122	185%	22.24%	12.00%
31	0	-	-	-		0.00%	12.00%
32	0	-	-	-		0.00%	12.00%
33	1	130,611	33,922	15,673	216%	25.97%	12.00%
34	0	-	-	-		0.00%	12.00%
35	1	124,677	32,563	14,961	218%	26.12%	12.00%
36	3	342,523	49,499	41,103	120%	14.45%	12.00%
37	3	376,406	76,528	45,169	169%	20.33%	12.00%
38	0	-	-	-		0.00%	12.00%
39	0	-	-	-		0.00%	12.00%
40	0	-	-	-		0.00%	12.00%
41	0	-	-	-		0.00%	12.00%
42	1	138,737	33,699	16,648	202%	24.29%	12.00%
43	0	-	-	-		0.00%	12.00%
44	1	116,318	27,279	13,958	195%	23.45%	12.00%
45	0	-	-	-		0.00%	12.00%
Total	1,972	216,515,087	42,542,782	25,981,810	164%	19.65%	12.00%

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

TABLE 13C

2-YEAR PERIOD ENDING 6/30/2011

Service	Life Years Exposed	Salary during the Year	Actual Overtime	Expected Overtime	Actual / Expected	Increase %	
						Actual %	Expected %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	-			12.00%
1	0	-	-	-			12.00%
2	1	\$ 96,535	\$ 1,421	\$ 11,584	12%	1.47%	12.00%
3	3	159,439	10,750	19,133	56%	6.74%	12.00%
4	4	251,071	13,210	30,129	44%	5.26%	12.00%
5	8	658,905	39,154	79,069	50%	5.94%	12.00%
6	7	624,645	55,593	74,957	74%	8.90%	12.00%
7	13	1,189,141	40,795	142,697	29%	3.43%	12.00%
8	11	998,976	51,927	119,877	43%	5.20%	12.00%
9	19	1,737,511	145,003	208,501	70%	8.35%	12.00%
10	16	1,500,123	106,487	180,015	59%	7.10%	12.00%
11	21	2,083,781	172,316	250,054	69%	8.27%	12.00%
12	25	2,468,027	171,824	296,163	58%	6.96%	12.00%
13	18	1,684,745	150,169	202,169	74%	8.91%	12.00%
14	28	2,744,382	214,860	329,326	65%	7.83%	12.00%
15	34	3,555,819	272,293	426,698	64%	7.66%	12.00%
16	39	3,892,105	396,223	467,053	85%	10.18%	12.00%
17	54	5,672,833	555,178	680,740	82%	9.79%	12.00%
18	26	2,840,590	443,465	340,871	130%	15.61%	12.00%
19	39	3,977,337	473,403	477,280	99%	11.90%	12.00%
20	42	4,788,960	625,019	574,675	109%	13.05%	12.00%
21	12	1,352,696	182,431	162,324	112%	13.49%	12.00%
22	9	1,101,793	177,024	132,215	134%	16.07%	12.00%
23	10	1,180,927	262,606	141,711	185%	22.24%	12.00%
24	6	674,272	50,082	80,913	62%	7.43%	12.00%
25	5	637,789	76,819	76,535	100%	12.04%	12.00%
26	3	337,116	20,546	40,454	51%	6.09%	12.00%
27	2	232,682	47,352	27,922	170%	20.35%	12.00%
28	0	-	-	-			12.00%
29	0	-	-	-			12.00%
30	1	119,185	10,812	14,302	76%	9.07%	12.00%
31	0	-	-	-			12.00%
32	0	-	-	-			12.00%
33	0	-	-	-			12.00%
34	0	-	-	-			12.00%
35	1	86,726	16,645	10,407	160%	19.19%	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	1	120,723	409	14,487	3%	0.34%	12.00%
45	0	-	-	-			12.00%
Total	458	46,768,834	4,783,816	5,612,260	85%	10.23%	12.00%

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

TABLE 13A

10-YEAR PERIOD ENDING 6/30/2011

<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	1,069	\$ 34,302,400	\$ 415,073	\$ 4,116,288	10%	1.21%	12.00%
1	4,304	172,001,146	14,240,257	20,640,138	69%	8.28%	12.00%
2	4,117	184,519,020	16,305,267	22,142,282	74%	8.84%	12.00%
3	4,309	210,532,392	19,682,825	25,263,887	78%	9.35%	12.00%
4	4,194	225,336,446	22,758,303	27,040,374	84%	10.10%	12.00%
5	3,710	238,067,996	23,835,712	28,568,160	83%	10.01%	12.00%
6	3,350	243,875,969	26,977,454	29,265,116	92%	11.06%	12.00%
7	2,517	186,307,685	18,815,329	22,356,922	84%	10.10%	12.00%
8	2,981	221,236,195	21,515,009	26,548,343	81%	9.72%	12.00%
9	2,959	228,593,211	21,880,518	27,431,185	80%	9.57%	12.00%
10	2,610	210,278,742	22,688,638	25,233,449	90%	10.79%	12.00%
11	2,425	178,243,157	21,518,138	21,389,179	101%	12.07%	12.00%
12	2,544	184,584,543	21,335,814	22,150,145	96%	11.56%	12.00%
13	2,556	189,923,211	21,615,040	22,790,785	95%	11.38%	12.00%
14	2,813	204,144,937	26,910,784	24,497,392	110%	13.18%	12.00%
15	3,009	232,483,022	29,350,784	27,897,963	105%	12.62%	12.00%
16	3,324	252,850,733	32,142,658	30,342,088	106%	12.71%	12.00%
17	3,663	289,885,780	37,377,003	34,786,294	107%	12.89%	12.00%
18	3,243	262,650,250	33,025,249	31,518,030	105%	12.57%	12.00%
19	2,692	228,792,030	27,730,849	27,455,044	101%	12.12%	12.00%
20	2,355	205,979,156	26,256,354	24,717,499	106%	12.75%	12.00%
21	1,755	156,984,454	19,080,516	18,838,134	101%	12.15%	12.00%
22	1,340	119,618,446	14,769,733	14,354,214	103%	12.35%	12.00%
23	1,107	102,701,836	12,843,231	12,324,220	104%	12.51%	12.00%
24	765	73,331,908	8,465,073	8,799,829	96%	11.54%	12.00%
25	579	57,093,245	6,446,369	6,851,189	94%	11.29%	12.00%
26	386	39,311,775	4,172,137	4,717,413	88%	10.61%	12.00%
27	305	29,913,453	2,902,520	3,589,614	81%	9.70%	12.00%
28	298	28,579,825	2,859,687	3,429,579	83%	10.01%	12.00%
29	219	21,617,689	2,170,496	2,594,123	84%	10.04%	12.00%
30	117	11,020,189	1,223,366	1,322,423	93%	11.10%	12.00%
31	120	10,440,593	1,368,918	1,252,871	109%	13.11%	12.00%
32	87	7,687,047	833,372	922,446	90%	10.84%	12.00%
33	59	5,653,367	513,229	678,404	76%	9.08%	12.00%
34	54	5,095,216	412,053	611,426	67%	8.09%	12.00%
35	47	4,836,536	275,176	580,384	47%	5.69%	12.00%
36	34	3,469,490	190,751	416,339	46%	5.50%	12.00%
37	23	2,203,721	157,029	264,447	59%	7.13%	12.00%
38	14	1,345,687	72,223	161,482	45%	5.37%	12.00%
39	11	1,017,291	68,789	122,075	56%	6.76%	12.00%
40	10	948,348	70,726	113,802	62%	7.46%	12.00%
41	3	262,635	20,093	31,516	64%	7.65%	12.00%
42	2	179,274	11,974	21,513	56%	6.68%	12.00%
43	1	89,238	3,958	10,709	37%	4.44%	12.00%
44	2	156,389	18,924	18,767	101%	12.10%	12.00%
45	1	70,832	5,248	8,500	62%	7.41%	12.00%
Total	72,083	5,068,216,505	565,332,649	608,185,981	93%	11.15%	12.00%

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

TABLE 13B

10-YEAR PERIOD ENDING 6/30/2011

<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	3	\$ 170,509	\$ 20,373	\$ 20,461	100%	11.95%	12.00%
15	1	54,782	5,697	6,574	87%	10.40%	12.00%
16	4	232,346	28,731	27,882	103%	12.37%	12.00%
17	7	440,944	70,729	52,913	134%	16.04%	12.00%
18	9	542,345	52,965	65,081	81%	9.77%	12.00%
19	17	1,050,142	157,488	126,017	125%	15.00%	12.00%
20	127	7,905,499	1,240,110	948,660	131%	15.69%	12.00%
21	11	699,743	120,026	83,969	143%	17.15%	12.00%
22	8	493,188	95,065	59,183	161%	19.28%	12.00%
23	1	94,791	-	11,375			12.00%
24	1	59,790	13,637	7,175	190%	22.81%	12.00%
25	1	69,128	24,551	8,295	296%	35.52%	12.00%
26	0	-	-	-			12.00%
27	13	881,775	179,483	105,813	170%	20.35%	12.00%
28	18	1,342,474	270,092	161,097	168%	20.12%	12.00%
29	7	408,678	61,431	49,041	125%	15.03%	12.00%
30	3	187,064	28,182	22,448	126%	15.07%	12.00%
31	20	1,623,885	184,972	194,866	95%	11.39%	12.00%
32	8	623,505	115,851	74,821	155%	18.58%	12.00%
33	4	336,096	25,618	40,332	64%	7.62%	12.00%
34	2	212,562	-	25,507			12.00%
35	0	-	-	-			12.00%
36	1	94,791	-	11,375			12.00%
37	2	178,002	22,179	21,360	104%	12.46%	12.00%
38	3	234,958	25,843	28,195	92%	11.00%	12.00%
39	1	84,884	11,945	10,186	117%	14.07%	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	272	18,021,881	2,754,968	2,162,626	127%	15.29%	12.00%

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

TABLE 13C

10-YEAR PERIOD ENDING 6/30/2011

<u>Service</u> (1)	<u>Life Years Exposed</u> (2)	<u>Salary during the Year</u> (3)	<u>Actual Overtime</u> (4)	<u>Expected Overtime</u> (5)	<u>Actual / Expected</u> (6)	<u>Increase %</u>	
						<u>Actual %</u> (7)	<u>Expected %</u> (8)
0	0	-	-	-			12.00%
1	1	\$ 38,048	\$ 5,024	\$ 4,566	110%	13.20%	12.00%
2	3	155,729	11,750	18,687	63%	7.55%	12.00%
3	2	86,667	9,006	10,400	87%	10.39%	12.00%
4	1	56,288	1,519	6,755	22%	2.70%	12.00%
5	10	666,776	29,699	80,013	37%	4.45%	12.00%
6	6	430,029	4,103	51,603	8%	0.95%	12.00%
7	10	724,988	26,743	86,999	31%	3.69%	12.00%
8	7	438,857	9,303	52,663	18%	2.12%	12.00%
9	9	644,186	20,978	77,302	27%	3.26%	12.00%
10	20	1,477,794	44,856	177,335	25%	3.04%	12.00%
11	28	1,843,442	31,601	221,213	14%	1.71%	12.00%
12	26	1,715,139	51,642	205,817	25%	3.01%	12.00%
13	28	1,951,087	50,070	234,130	21%	2.57%	12.00%
14	16	1,125,094	24,603	135,011	18%	2.19%	12.00%
15	33	2,372,661	113,069	284,719	40%	4.77%	12.00%
16	42	2,976,986	131,134	357,238	37%	4.40%	12.00%
17	41	3,134,080	169,758	376,090	45%	5.42%	12.00%
18	34	2,611,851	151,500	313,422	48%	5.80%	12.00%
19	24	1,854,426	93,067	222,531	42%	5.02%	12.00%
20	53	4,276,405	229,497	513,169	45%	5.37%	12.00%
21	28	2,216,555	122,131	265,987	46%	5.51%	12.00%
22	25	2,056,874	132,622	246,825	54%	6.45%	12.00%
23	23	1,842,077	82,128	221,049	37%	4.46%	12.00%
24	10	860,621	26,192	103,275	25%	3.04%	12.00%
25	8	708,145	11,344	84,977	13%	1.60%	12.00%
26	3	242,843	10,705	29,141	37%	4.41%	12.00%
27	3	327,720	29,800	39,326	76%	9.09%	12.00%
28	5	400,921	50,000	48,111	104%	12.47%	12.00%
29	3	238,201	10,252	28,584	36%	4.30%	12.00%
30	2	171,433	1,440	20,572	7%	0.84%	12.00%
31	1	85,429	-	10,251			12.00%
32	0	-	-	-			12.00%
33	0	-	-	-			12.00%
34	0	-	-	-			12.00%
35	0	-	-	-			12.00%
36	0	-	-	-			12.00%
37	0	-	-	-			12.00%
38	0	-	-	-			12.00%
39	1	59,574	-	7,149			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	506	37,790,926	1,685,536	4,534,911	37%	4.46%	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 6/30/2011		
		Salary during the Year (3)	Actual Overtime (4)	Expected Overtime (5)	Actual / Expected (6)	Increase %	
						Actual (4) / (3) (7)	Expected (5) / (3) (8)
2002	7,661	\$ 409,352,608	\$ 59,980,204	\$ 49,122,313	122%	14.65%	12.00%
2003	7,514	451,877,724	54,068,480	54,225,327	100%	11.97%	12.00%
2004	6,967	424,809,002	64,432,799	50,977,080	126%	15.17%	12.00%
2005	6,917	433,348,959	75,444,769	52,001,875	145%	17.41%	12.00%
2006	7,044	500,574,505	63,464,170	60,068,941	106%	12.68%	12.00%
2007	7,273	522,728,546	49,467,338	62,727,426	79%	9.46%	12.00%
2008	7,346	566,028,395	51,197,196	67,923,407	75%	9.04%	12.00%
2009	7,412	590,508,211	39,905,061	70,860,985	56%	6.76%	12.00%
2010	7,174	579,842,045	43,310,904	69,581,045	62%	7.47%	12.00%
2011	6,778	589,374,964	64,098,816	70,724,996	91%	10.88%	12.00%
Total	72,086	5,068,444,959	565,369,737	608,213,395	93%	11.15%	12.00%