

December 5, 2011

**City of New York - New York City Retirement Systems
Final Experience Study Report**

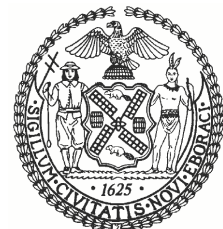
**Appendix 2 – Tables of Current and
Recommended Assumptions**

Second Engagement



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Appendix 2

Tables of Current and Recommended Assumptions

Appendix 2 – Table of Contents

Tables of Current and Recommended Assumptions:

Order by System/Subgroup

| | |
|---|----|
| NYCERS GENERAL..... | 1 |
| NYCERS TRANSIT | 2 |
| NYCERS SANITATION..... | 3 |
| NYCERS CORRECTIONS..... | 4 |
| NYCERS TBTA | 5 |
| NYCERS HP - TP (including only Retiree Mortality assumptions) | 6 |
| TRS..... | 7 |
| BERS | 8 |
| POLICE..... | 9 |
| FIRE..... | 10 |

See separate tables of contents behind each tab for the order of tables included for each System/Subgroup.

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
GENERAL EMPLOYEES**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 5.9174% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 6.4153% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 6.9553% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 7.9798% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 9.0163% |
| 42 | 0.1386% | 0.0732% | 88 | 13.3230% | 10.0046% |
| 43 | 0.1656% | 0.0806% | 89 | 14.6796% | 11.0593% |
| 44 | 0.1963% | 0.0885% | 90 | 16.1774% | 12.0536% |
| 45 | 0.2337% | 0.0957% | 91 | 17.8319% | 13.4634% |
| 46 | 0.2728% | 0.1050% | 92 | 19.5506% | 14.8518% |
| 47 | 0.3188% | 0.1162% | 93 | 21.1124% | 16.3376% |
| 48 | 0.3658% | 0.1308% | 94 | 22.6686% | 17.7226% |
| 49 | 0.4202% | 0.1483% | 95 | 24.3740% | 19.2316% |
| 50 | 0.4745% | 0.1701% | 96 | 26.3173% | 20.8837% |
| 51 | 0.5328% | 0.1984% | 97 | 28.2576% | 22.6940% |
| 52 | 0.5821% | 0.2319% | 98 | 30.4332% | 24.4572% |
| 53 | 0.6369% | 0.2708% | 99 | 32.3332% | 26.3755% |
| 54 | 0.6878% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.7381% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.7930% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.8486% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.9049% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.9559% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 1.0070% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 1.0157% | 109 | 85.000% | 83.000% |
| 64 | 1.4959% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
GENERAL EMPLOYEES**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 5.3256% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 5.7737% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 6.3549% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 7.4018% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 8.4903% |
| 42 | 0.1192% | 0.0584% | 88 | 12.3580% | 9.4208% |
| 43 | 0.1402% | 0.0642% | 89 | 13.6163% | 10.5720% |
| 44 | 0.1638% | 0.0705% | 90 | 15.2335% | 11.5225% |
| 45 | 0.1921% | 0.0751% | 91 | 16.7914% | 12.8701% |
| 46 | 0.2208% | 0.0812% | 92 | 18.6890% | 14.1974% |
| 47 | 0.2541% | 0.0885% | 93 | 20.1820% | 15.8542% |
| 48 | 0.2872% | 0.0996% | 94 | 21.6697% | 17.1983% |
| 49 | 0.3249% | 0.1129% | 95 | 23.6529% | 18.6627% |
| 50 | 0.3613% | 0.1315% | 96 | 25.5388% | 20.2659% |
| 51 | 0.3996% | 0.1558% | 97 | 27.4217% | 22.3559% |
| 52 | 0.4299% | 0.1877% | 98 | 29.9799% | 24.0929% |
| 53 | 0.4704% | 0.2259% | 99 | 31.8515% | 25.9826% |
| 54 | 0.5080% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.5535% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.6039% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6562% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7104% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.7505% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7906% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.9421% | 109 | 85.000% | 83.000% |
| 64 | 1.2108% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
GENERAL EMPLOYEES**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.4868% | 2.9185% | 65 | 4.7703% | 3.6656% |
| 20 | 1.5171% | 2.9332% | 66 | 4.9416% | 3.7326% |
| 21 | 1.5551% | 2.9479% | 67 | 5.1271% | 3.8165% |
| 22 | 1.5940% | 2.9625% | 68 | 5.3282% | 3.9186% |
| 23 | 1.6338% | 2.9772% | 69 | 5.5462% | 4.0408% |
| 24 | 1.6747% | 2.9919% | 70 | 5.7836% | 4.1852% |
| 25 | 1.7165% | 3.0065% | 71 | 6.0425% | 4.3539% |
| 26 | 1.7593% | 3.0212% | 72 | 6.3252% | 4.5492% |
| 27 | 1.8032% | 3.0359% | 73 | 6.6331% | 4.7727% |
| 28 | 1.8481% | 3.0505% | 74 | 6.9670% | 5.0254% |
| 29 | 1.8941% | 3.0652% | 75 | 7.3280% | 5.3087% |
| 30 | 1.9411% | 3.0799% | 76 | 7.7518% | 5.6240% |
| 31 | 1.9894% | 3.0945% | 77 | 8.2080% | 5.9721% |
| 32 | 2.0387% | 3.1092% | 78 | 8.6969% | 6.3530% |
| 33 | 2.0893% | 3.1239% | 79 | 9.2196% | 6.7686% |
| 34 | 2.1411% | 3.1385% | 80 | 9.7769% | 7.2198% |
| 35 | 2.1942% | 3.1532% | 81 | 10.3691% | 7.6524% |
| 36 | 2.2485% | 3.1679% | 82 | 10.9966% | 8.1151% |
| 37 | 2.3041% | 3.1825% | 83 | 11.6644% | 8.6148% |
| 38 | 2.3610% | 3.1972% | 84 | 12.3756% | 9.1546% |
| 39 | 2.4193% | 3.2119% | 85 | 13.1331% | 9.7383% |
| 40 | 2.4790% | 3.2265% | 86 | 14.0005% | 10.3698% |
| 41 | 2.5296% | 3.2412% | 87 | 14.9277% | 11.0538% |
| 42 | 2.5812% | 3.2559% | 88 | 15.9188% | 11.7950% |
| 43 | 2.6339% | 3.2705% | 89 | 16.9788% | 12.5989% |
| 44 | 2.6876% | 3.2852% | 90 | 18.1123% | 13.4715% |
| 45 | 2.7425% | 3.2999% | 91 | 19.6407% | 14.3136% |
| 46 | 2.7635% | 3.3145% | 92 | 21.4045% | 15.5897% |
| 47 | 2.7842% | 3.3292% | 93 | 23.1144% | 17.0464% |
| 48 | 2.8470% | 3.3438% | 94 | 24.8183% | 18.4915% |
| 49 | 2.9095% | 3.3585% | 95 | 26.5253% | 20.0660% |
| 50 | 2.9719% | 3.3732% | 96 | 28.2293% | 21.7898% |
| 51 | 3.0611% | 3.3878% | 97 | 29.9296% | 23.5367% |
| 52 | 3.1519% | 3.4025% | 98 | 31.6513% | 25.3655% |
| 53 | 3.2472% | 3.4172% | 99 | 33.4235% | 27.3549% |
| 54 | 3.3441% | 3.4318% | 100 | 35.2792% | 29.5187% |
| 55 | 3.4421% | 3.4465% | 101 | 37.4703% | 32.5225% |
| 56 | 3.5576% | 3.4612% | 102 | 39.7764% | 35.8897% |
| 57 | 3.6755% | 3.4758% | 103 | 43.5427% | 39.5843% |
| 58 | 3.7963% | 3.4905% | 104 | 48.2196% | 43.8360% |
| 59 | 3.9205% | 3.5052% | 105 | 53.6598% | 48.7816% |
| 60 | 4.0483% | 3.5198% | 106 | 60.0475% | 54.5886% |
| 61 | 4.1804% | 3.5291% | 107 | 67.5740% | 61.4309% |
| 62 | 4.3176% | 3.5469% | 108 | 76.4374% | 69.4885% |
| 63 | 4.4605% | 3.5746% | 109 | 86.8421% | 78.9474% |
| 64 | 4.6107% | 3.6136% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0547% | 0.0572% | 65 | 4.4586% | 2.8972% |
| 20 | 0.2348% | 0.2439% | 66 | 4.6113% | 2.9727% |
| 21 | 0.4173% | 0.4282% | 67 | 4.7366% | 3.0482% |
| 22 | 0.6021% | 0.6141% | 68 | 4.8325% | 3.1237% |
| 23 | 0.7938% | 0.8048% | 69 | 4.9571% | 3.1992% |
| 24 | 0.9903% | 0.9979% | 70 | 5.0510% | 3.2746% |
| 25 | 1.1986% | 1.1933% | 71 | 5.1748% | 3.3300% |
| 26 | 1.4228% | 1.3995% | 72 | 5.2986% | 3.6603% |
| 27 | 1.6273% | 1.5910% | 73 | 5.4225% | 3.9946% |
| 28 | 1.6678% | 1.6306% | 74 | 5.5464% | 4.3930% |
| 29 | 1.7093% | 1.6712% | 75 | 5.7049% | 4.8090% |
| 30 | 1.7517% | 1.7335% | 76 | 5.8295% | 5.0947% |
| 31 | 1.7953% | 1.8336% | 77 | 6.4925% | 5.4983% |
| 32 | 1.8398% | 1.8790% | 78 | 7.2220% | 5.9081% |
| 33 | 1.8854% | 1.9140% | 79 | 7.8632% | 6.2945% |
| 34 | 1.9322% | 1.9496% | 80 | 8.5604% | 6.7142% |
| 35 | 1.9801% | 2.0432% | 81 | 9.1341% | 7.1164% |
| 36 | 2.0291% | 2.0812% | 82 | 9.7456% | 7.5467% |
| 37 | 2.0793% | 2.1197% | 83 | 10.3375% | 8.0115% |
| 38 | 2.1178% | 2.1588% | 84 | 11.0343% | 8.5135% |
| 39 | 2.1570% | 2.1987% | 85 | 11.7097% | 9.1112% |
| 40 | 2.1970% | 2.2530% | 86 | 12.4831% | 9.7607% |
| 41 | 2.2362% | 2.2635% | 87 | 13.3905% | 10.4674% |
| 42 | 2.2749% | 2.2739% | 88 | 14.3659% | 11.1693% |
| 43 | 2.3130% | 2.2843% | 89 | 15.3225% | 12.0026% |
| 44 | 2.3505% | 2.2947% | 90 | 16.4442% | 12.8339% |
| 45 | 2.3875% | 2.3310% | 91 | 17.8319% | 13.6362% |
| 46 | 2.4395% | 2.3686% | 92 | 19.5506% | 14.8518% |
| 47 | 2.4909% | 2.4056% | 93 | 21.1124% | 16.3376% |
| 48 | 2.5414% | 2.4092% | 94 | 22.6686% | 17.9142% |
| 49 | 2.5912% | 2.4127% | 95 | 24.3740% | 19.2316% |
| 50 | 2.6404% | 2.4311% | 96 | 26.5805% | 20.8837% |
| 51 | 2.6888% | 2.4495% | 97 | 28.5402% | 22.6940% |
| 52 | 2.7365% | 2.4832% | 98 | 30.7376% | 24.4572% |
| 53 | 2.8566% | 2.5172% | 99 | 32.6565% | 26.3755% |
| 54 | 2.9768% | 2.5517% | 100 | 34.4537% | 28.4617% |
| 55 | 3.1159% | 2.6016% | 101 | 36.2214% | 31.5468% |
| 56 | 3.2566% | 2.6523% | 102 | 37.5402% | 34.8130% |
| 57 | 3.3989% | 2.6875% | 103 | 40.4947% | 38.3968% |
| 58 | 3.5429% | 2.7068% | 104 | 44.8442% | 42.5209% |
| 59 | 3.6660% | 2.7259% | 105 | 49.9036% | 47.3182% |
| 60 | 3.7891% | 2.7451% | 106 | 55.8442% | 52.9509% |
| 61 | 3.9361% | 2.7643% | 107 | 80.763% | 59.5880% |
| 62 | 4.0600% | 2.7835% | 108 | 92.000% | 83.0000% |
| 63 | 4.2094% | 2.8026% | 109 | 100.000% | 95.000% |
| 64 | 4.3340% | 2.8218% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
GENERAL EMPLOYEES**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.3827% | 2.8309% | 65 | 4.4364% | 3.5556% |
| 20 | 1.4109% | 2.8452% | 66 | 4.5957% | 3.6206% |
| 21 | 1.4462% | 2.8595% | 67 | 4.7682% | 3.7020% |
| 22 | 1.4824% | 2.8736% | 68 | 4.9552% | 3.8010% |
| 23 | 1.5194% | 2.8879% | 69 | 5.1580% | 3.9196% |
| 24 | 1.5575% | 2.9021% | 70 | 5.3787% | 4.0596% |
| 25 | 1.5963% | 2.9163% | 71 | 5.6195% | 4.2233% |
| 26 | 1.6361% | 2.9306% | 72 | 5.8824% | 4.4127% |
| 27 | 1.6770% | 2.9448% | 73 | 6.1688% | 4.6295% |
| 28 | 1.7187% | 2.9590% | 74 | 6.4793% | 4.8746% |
| 29 | 1.7615% | 2.9732% | 75 | 6.8150% | 5.1494% |
| 30 | 1.8052% | 2.9875% | 76 | 7.2092% | 5.4553% |
| 31 | 1.8501% | 3.0017% | 77 | 7.6334% | 5.7929% |
| 32 | 1.8960% | 3.0159% | 78 | 8.0881% | 6.1624% |
| 33 | 1.9430% | 3.0302% | 79 | 8.5742% | 6.5655% |
| 34 | 1.9912% | 3.0443% | 80 | 9.0925% | 7.0032% |
| 35 | 2.0406% | 3.0586% | 81 | 9.6433% | 7.4228% |
| 36 | 2.0911% | 3.0729% | 82 | 10.2268% | 7.8716% |
| 37 | 2.1428% | 3.0870% | 83 | 10.8479% | 8.3564% |
| 38 | 2.1957% | 3.1013% | 84 | 11.5093% | 8.8800% |
| 39 | 2.2499% | 3.1155% | 85 | 12.2138% | 9.4462% |
| 40 | 2.3055% | 3.1297% | 86 | 13.0205% | 10.0587% |
| 41 | 2.3525% | 3.1440% | 87 | 13.8828% | 10.7222% |
| 42 | 2.4005% | 3.1582% | 88 | 14.8045% | 11.4412% |
| 43 | 2.4495% | 3.1724% | 89 | 15.7903% | 12.2209% |
| 44 | 2.4995% | 3.1866% | 90 | 16.8444% | 13.0674% |
| 45 | 2.5505% | 3.2009% | 91 | 18.2659% | 13.8842% |
| 46 | 2.5701% | 3.2151% | 92 | 19.9062% | 15.1220% |
| 47 | 2.5893% | 3.2293% | 93 | 21.4964% | 16.5350% |
| 48 | 2.6477% | 3.2435% | 94 | 23.0810% | 17.9368% |
| 49 | 2.7058% | 3.2577% | 95 | 24.6685% | 19.4640% |
| 50 | 2.7639% | 3.2720% | 96 | 26.2532% | 21.1361% |
| 51 | 2.8468% | 3.2862% | 97 | 27.8345% | 22.8306% |
| 52 | 2.9313% | 3.3004% | 98 | 29.4357% | 24.6045% |
| 53 | 3.0199% | 3.3147% | 99 | 31.0839% | 26.5343% |
| 54 | 3.1100% | 3.3288% | 100 | 32.8097% | 28.6331% |
| 55 | 3.2012% | 3.3431% | 101 | 34.8474% | 31.5468% |
| 56 | 3.3086% | 3.3574% | 102 | 36.9921% | 34.8130% |
| 57 | 3.4182% | 3.3715% | 103 | 40.4947% | 38.3968% |
| 58 | 3.5306% | 3.3858% | 104 | 44.8442% | 42.5209% |
| 59 | 3.6461% | 3.4000% | 105 | 49.9036% | 47.3182% |
| 60 | 3.7649% | 3.4142% | 106 | 55.8442% | 52.9509% |
| 61 | 3.8878% | 3.4232% | 107 | 62.8438% | 59.5880% |
| 62 | 4.0154% | 3.4405% | 108 | 71.0868% | 67.4038% |
| 63 | 4.1483% | 3.4674% | 109 | 80.7632% | 76.5790% |
| 64 | 4.2880% | 3.5052% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0410% | 0.0456% | 65 | 3.6087% | 2.6874% |
| 20 | 0.1761% | 0.1915% | 66 | 3.7895% | 2.7574% |
| 21 | 0.3177% | 0.3311% | 67 | 3.8925% | 2.8274% |
| 22 | 0.4655% | 0.4748% | 68 | 3.9113% | 2.8975% |
| 23 | 0.6328% | 0.6319% | 69 | 4.0122% | 2.9675% |
| 24 | 0.8138% | 0.7955% | 70 | 4.0264% | 3.0374% |
| 25 | 1.0309% | 0.9658% | 71 | 4.1251% | 3.0425% |
| 26 | 1.3000% | 1.1677% | 72 | 4.2239% | 3.3444% |
| 27 | 1.5094% | 1.3275% | 73 | 4.3226% | 3.5951% |
| 28 | 1.5470% | 1.3605% | 74 | 4.4214% | 3.9537% |
| 29 | 1.5855% | 1.3943% | 75 | 4.6174% | 4.2631% |
| 30 | 1.6248% | 1.4910% | 76 | 4.7183% | 4.5164% |
| 31 | 1.6653% | 1.6254% | 77 | 5.3354% | 4.9484% |
| 32 | 1.7066% | 1.6657% | 78 | 6.0258% | 5.3172% |
| 33 | 1.7489% | 1.6713% | 79 | 6.6610% | 5.6650% |
| 34 | 1.7923% | 1.6768% | 80 | 7.3625% | 6.0427% |
| 35 | 1.8367% | 1.7308% | 81 | 7.9758% | 6.4047% |
| 36 | 1.8822% | 1.7364% | 82 | 8.6394% | 6.7920% |
| 37 | 1.9287% | 1.7419% | 83 | 9.1641% | 7.2103% |
| 38 | 1.9350% | 1.7473% | 84 | 9.9308% | 7.6621% |
| 39 | 1.9413% | 1.7527% | 85 | 10.5387% | 8.3248% |
| 40 | 1.9476% | 1.7960% | 86 | 11.2347% | 9.0537% |
| 41 | 1.9526% | 1.8043% | 87 | 12.2346% | 9.8567% |
| 42 | 1.9565% | 1.8126% | 88 | 13.3253% | 10.5176% |
| 43 | 1.9594% | 1.8209% | 89 | 14.2127% | 11.4736% |
| 44 | 1.9612% | 1.8292% | 90 | 15.4847% | 12.2684% |
| 45 | 1.9620% | 1.8301% | 91 | 16.7914% | 13.0352% |
| 46 | 1.9745% | 1.8315% | 92 | 18.6890% | 14.1974% |
| 47 | 1.9856% | 1.8319% | 93 | 20.1820% | 15.8542% |
| 48 | 1.9952% | 1.8346% | 94 | 21.6697% | 17.3842% |
| 49 | 2.0036% | 1.8373% | 95 | 23.6529% | 18.6627% |
| 50 | 2.0107% | 1.8798% | 96 | 25.7942% | 20.2659% |
| 51 | 2.0165% | 1.9231% | 97 | 27.6959% | 22.3559% |
| 52 | 2.0211% | 2.0099% | 98 | 30.2797% | 24.0929% |
| 53 | 2.1098% | 2.1003% | 99 | 32.1701% | 25.9826% |
| 54 | 2.1986% | 2.1946% | 100 | 33.9405% | 28.0378% |
| 55 | 2.3368% | 2.3063% | 101 | 36.2214% | 31.5468% |
| 56 | 2.4799% | 2.4233% | 102 | 37.5402% | 34.8130% |
| 57 | 2.6281% | 2.4929% | 103 | 40.4947% | 38.3968% |
| 58 | 2.7815% | 2.5107% | 104 | 44.8442% | 42.5209% |
| 59 | 2.8782% | 2.5284% | 105 | 49.9036% | 47.3182% |
| 60 | 2.9748% | 2.5463% | 106 | 55.8442% | 52.9509% |
| 61 | 3.1377% | 2.5641% | 107 | 80.763% | 59.5880% |
| 62 | 3.2365% | 2.5819% | 108 | 92.000% | 83.0000% |
| 63 | 3.4070% | 2.5996% | 109 | 100.000% | 95.000% |
| 64 | 3.5079% | 2.6175% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|----------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 10.0000% | 2.5000% | 10.0000% | 2.5000% |
| 1 | 8.7000% | 2.1750% | 8.7000% | 2.1750% |
| 2 | 7.5000% | 1.8750% | 7.5000% | 1.8750% |
| 3 | 6.4000% | 1.6000% | 6.4000% | 1.6000% |
| 4 | 5.4000% | 1.3500% | 5.4000% | 1.3500% |
| 5 | 4.5000% | 1.5750% | 4.5000% | 1.5750% |
| 6 | 4.0000% | 1.4000% | 4.0000% | 1.4000% |
| 7 | 3.6000% | 1.2600% | 3.6000% | 1.2600% |
| 8 | 3.3000% | 1.1550% | 3.3000% | 1.1550% |
| 9 | 3.1000% | 1.0850% | 3.1000% | 1.0850% |
| 10 | 3.0000% | 0.8400% | 3.0000% | 0.8400% |
| 11 | 2.9000% | 0.8120% | 2.9000% | 0.8120% |
| 12 | 2.8000% | 0.7840% | 2.8000% | 0.7840% |
| 13 | 2.7000% | 0.7560% | 2.7000% | 0.7560% |
| 14 | 2.6000% | 0.7280% | 2.6000% | 0.7280% |
| 15 | 2.5000% | 0.7000% | 2.5000% | 0.7000% |
| 16 | 2.4000% | 0.6720% | 2.4000% | 0.6720% |
| 17 | 2.3000% | 0.6440% | 2.3000% | 0.6440% |
| 18 | 2.2000% | 0.6160% | 2.2000% | 0.6160% |
| 19 | 2.1000% | 0.5880% | 2.1000% | 0.5880% |
| 20 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 21 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 22 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 23 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 24 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 25 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 26 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 27 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 28 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 29 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 30 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 31 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 32 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 33 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 34 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 35 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 36 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 37 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 38 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 39 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 40 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 41 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 42 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 43 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |
| 44 | 2.0000% | 0.9600% | 2.0000% | 0.9600% |

Table D - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 20.0000% | 8.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 43 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 44 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 45 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 46 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 47 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 48 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 49 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 50 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 51 | 20.0000% | 8.0000% | 15.0000% | 1.5000% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 52 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 53 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 54 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 55 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 56 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 57 | 20.0000% | 6.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9700% |
| 58 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 3.0000% | 2.1300% |
| 59 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 2.2500% | 4.0000% | 2.8400% |
| 60 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 2.2500% | 5.0000% | 3.5500% |
| 61 | 20.0000% | 26.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 6.0000% | 0.0000% |
| 62 | 30.0000% | 28.0000% | 30.0000% | 7.5000% | 30.0000% | 6.0000% | 0.0000% | 0.0000% |
| 63 | 20.0000% | 22.0000% | 15.0000% | 13.9500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 64 | 20.0000% | 22.0000% | 15.0000% | 11.2500% | 15.0000% | 12.0000% | 0.0000% | 0.0000% |
| 65 | 25.0000% | 30.0000% | 25.0000% | 18.7500% | 25.0000% | 20.0000% | 0.0000% | 0.0000% |
| 66 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 67 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 68 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 69 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Females | | | | | | | | |
|---|------------------------------|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 20.0000% | 8.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 43 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 44 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 45 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 46 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 47 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 48 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 49 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 50 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 51 | 20.0000% | 8.0000% | 15.0000% | 1.5000% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 52 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 53 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 54 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 55 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 56 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9200% |
| 57 | 20.0000% | 6.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 2.0000% | 1.9700% |
| 58 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 3.0000% | 2.1300% |
| 59 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 2.2500% | 4.0000% | 2.8400% |
| 60 | 20.0000% | 8.0000% | 15.0000% | 3.7500% | 15.0000% | 2.2500% | 5.0000% | 3.5500% |
| 61 | 20.0000% | 26.0000% | 15.0000% | 3.7500% | 15.0000% | 3.0000% | 6.0000% | 0.0000% |
| 62 | 30.0000% | 28.0000% | 30.0000% | 7.5000% | 30.0000% | 6.0000% | 0.0000% | 0.0000% |
| 63 | 20.0000% | 22.0000% | 15.0000% | 13.9500% | 15.0000% | 3.0000% | 0.0000% | 0.0000% |
| 64 | 20.0000% | 22.0000% | 15.0000% | 11.2500% | 15.0000% | 12.0000% | 0.0000% | 0.0000% |
| 65 | 25.0000% | 30.0000% | 25.0000% | 18.7500% | 25.0000% | 20.0000% | 0.0000% | 0.0000% |
| 66 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 67 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 68 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |
| 69 | 20.0000% | 24.0000% | 15.0000% | 11.2500% | 15.0000% | 13.5000% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|--|------------------------------|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 28.8000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 39.8400% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 39.8400% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 45.6000% | 60.0000% | 22.2000% | 60.0000% | 23.4000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 45.6000% | 60.0000% | 22.2000% | 60.0000% | 23.4000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | |
|-----|--|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 28.8000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 28.8000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 39.8400% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 39.8400% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 45.6000% | 40.0000% | 14.8000% | 20.0000% | 14.4000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 45.6000% | 60.0000% | 22.2000% | 60.0000% | 23.4000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 45.6000% | 60.0000% | 22.2000% | 60.0000% | 23.4000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 30.4000% | 40.0000% | 14.8000% | 40.0000% | 15.6000% | 0.0000% | 0.0000% |

Table F - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Males

| Age | Ordinary Death | | Accidental Death | | Ordinary Disability | | Accidental Disability | |
|-----|----------------|-------------|------------------|-------------|---------------------|-------------|-----------------------|-------------|
| | Current | Recommended | Current | Recommended | Current | Recommended | Current | Recommended |
| 19 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 20 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 21 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 22 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 23 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 24 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 25 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 26 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 27 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 28 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 29 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 30 | 0.0400% | 0.0944% | 0.0000% | 0.0000% | 0.1000% | 0.1820% | 0.0200% | 0.0452% |
| 31 | 0.0420% | 0.0991% | 0.0000% | 0.0000% | 0.1100% | 0.2002% | 0.0200% | 0.0452% |
| 32 | 0.0440% | 0.1038% | 0.0000% | 0.0000% | 0.1200% | 0.2184% | 0.0200% | 0.0452% |
| 33 | 0.0460% | 0.1086% | 0.0000% | 0.0000% | 0.1300% | 0.2366% | 0.0200% | 0.0452% |
| 34 | 0.0480% | 0.1133% | 0.0000% | 0.0000% | 0.1400% | 0.2548% | 0.0200% | 0.0452% |
| 35 | 0.0500% | 0.1180% | 0.0000% | 0.0000% | 0.1500% | 0.2730% | 0.0200% | 0.0452% |
| 36 | 0.0520% | 0.1227% | 0.0000% | 0.0000% | 0.1600% | 0.2912% | 0.0200% | 0.0452% |
| 37 | 0.0540% | 0.1274% | 0.0000% | 0.0000% | 0.1700% | 0.3094% | 0.0200% | 0.0452% |
| 38 | 0.0560% | 0.1322% | 0.0000% | 0.0000% | 0.1800% | 0.3276% | 0.0200% | 0.0452% |
| 39 | 0.0580% | 0.1369% | 0.0000% | 0.0000% | 0.1900% | 0.3458% | 0.0200% | 0.0452% |
| 40 | 0.0600% | 0.1416% | 0.0000% | 0.0000% | 0.2000% | 0.2840% | 0.0200% | 0.0452% |
| 41 | 0.0700% | 0.1652% | 0.0000% | 0.0000% | 0.2200% | 0.3124% | 0.0200% | 0.0452% |
| 42 | 0.0800% | 0.1888% | 0.0000% | 0.0000% | 0.2400% | 0.3408% | 0.0200% | 0.0452% |
| 43 | 0.0900% | 0.2124% | 0.0000% | 0.0000% | 0.2600% | 0.3692% | 0.0200% | 0.0452% |
| 44 | 0.1000% | 0.2360% | 0.0000% | 0.0000% | 0.2800% | 0.3976% | 0.0200% | 0.0452% |
| 45 | 0.1100% | 0.2596% | 0.0000% | 0.0000% | 0.3000% | 0.4260% | 0.0200% | 0.0452% |
| 46 | 0.1200% | 0.2832% | 0.0000% | 0.0000% | 0.3200% | 0.4544% | 0.0200% | 0.0452% |
| 47 | 0.1300% | 0.3068% | 0.0000% | 0.0000% | 0.3400% | 0.4828% | 0.0200% | 0.0452% |
| 48 | 0.1400% | 0.3304% | 0.0000% | 0.0000% | 0.3600% | 0.5112% | 0.0200% | 0.0452% |
| 49 | 0.1500% | 0.3540% | 0.0000% | 0.0000% | 0.3800% | 0.5396% | 0.0200% | 0.0452% |
| 50 | 0.1600% | 0.3776% | 0.0000% | 0.0000% | 0.4000% | 0.5680% | 0.0200% | 0.0452% |
| 51 | 0.1700% | 0.4012% | 0.0000% | 0.0000% | 0.4200% | 0.5964% | 0.0200% | 0.0452% |
| 52 | 0.1800% | 0.4248% | 0.0000% | 0.0000% | 0.4400% | 0.6248% | 0.0200% | 0.0452% |
| 53 | 0.1900% | 0.4484% | 0.0000% | 0.0000% | 0.4600% | 0.6532% | 0.0200% | 0.0452% |
| 54 | 0.2000% | 0.4720% | 0.0000% | 0.0000% | 0.4800% | 0.6816% | 0.0200% | 0.0452% |
| 55 | 0.2100% | 0.4956% | 0.0000% | 0.0000% | 0.5000% | 0.7100% | 0.0200% | 0.0452% |
| 56 | 0.2200% | 0.5192% | 0.0000% | 0.0000% | 0.5000% | 0.7100% | 0.0200% | 0.0452% |
| 57 | 0.2300% | 0.5428% | 0.0000% | 0.0000% | 0.5000% | 0.7100% | 0.0200% | 0.0452% |
| 58 | 0.2400% | 0.5664% | 0.0000% | 0.0000% | 0.5000% | 0.7100% | 0.0200% | 0.0452% |
| 59 | 0.2500% | 0.5900% | 0.0000% | 0.0000% | 0.5000% | 0.7100% | 0.0200% | 0.0452% |
| 60 | 0.2600% | 0.6136% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 61 | 0.2700% | 0.6372% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 62 | 0.2800% | 0.6608% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 63 | 0.2900% | 0.6844% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 64 | 0.3000% | 0.7080% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 65 | 0.3200% | 0.7552% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 66 | 0.3500% | 0.8260% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 67 | 0.3900% | 0.9204% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 68 | 0.4400% | 1.0384% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |
| 69 | 0.5000% | 1.1800% | 0.0000% | 0.0000% | 0.5000% | 0.6150% | 0.0200% | 0.0452% |

Table F - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | Ordinary Death | | Accidental Death | | Ordinary Disability | | Accidental Disability | |
|-----|----------------|-------------|------------------|-------------|---------------------|-------------|-----------------------|-------------|
| | Current | Recommended | Current | Recommended | Current | Recommended | Current | Recommended |
| 19 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 20 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 21 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 22 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 23 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 24 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 25 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 26 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 27 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 28 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 29 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 30 | 0.0200% | 0.0420% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 31 | 0.0210% | 0.0441% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 32 | 0.0220% | 0.0462% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 33 | 0.0230% | 0.0483% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 34 | 0.0240% | 0.0504% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 35 | 0.0250% | 0.0525% | 0.0000% | 0.0000% | 0.0500% | 0.1035% | 0.0100% | 0.0204% |
| 36 | 0.0260% | 0.0546% | 0.0000% | 0.0000% | 0.0600% | 0.1242% | 0.0100% | 0.0204% |
| 37 | 0.0270% | 0.0567% | 0.0000% | 0.0000% | 0.0700% | 0.1449% | 0.0100% | 0.0204% |
| 38 | 0.0280% | 0.0588% | 0.0000% | 0.0000% | 0.0800% | 0.1656% | 0.0100% | 0.0204% |
| 39 | 0.0290% | 0.0609% | 0.0000% | 0.0000% | 0.0900% | 0.1863% | 0.0100% | 0.0204% |
| 40 | 0.0300% | 0.0630% | 0.0000% | 0.0000% | 0.1000% | 0.2070% | 0.0100% | 0.0204% |
| 41 | 0.0350% | 0.0735% | 0.0000% | 0.0000% | 0.1200% | 0.2484% | 0.0100% | 0.0204% |
| 42 | 0.0400% | 0.0840% | 0.0000% | 0.0000% | 0.1400% | 0.2898% | 0.0100% | 0.0204% |
| 43 | 0.0450% | 0.0945% | 0.0000% | 0.0000% | 0.1600% | 0.3312% | 0.0100% | 0.0204% |
| 44 | 0.0500% | 0.1050% | 0.0000% | 0.0000% | 0.1800% | 0.3726% | 0.0100% | 0.0204% |
| 45 | 0.0550% | 0.1155% | 0.0000% | 0.0000% | 0.2000% | 0.3060% | 0.0100% | 0.0204% |
| 46 | 0.0600% | 0.1260% | 0.0000% | 0.0000% | 0.2200% | 0.3366% | 0.0100% | 0.0204% |
| 47 | 0.0650% | 0.1365% | 0.0000% | 0.0000% | 0.2400% | 0.3672% | 0.0100% | 0.0204% |
| 48 | 0.0700% | 0.1470% | 0.0000% | 0.0000% | 0.2600% | 0.3978% | 0.0100% | 0.0204% |
| 49 | 0.0750% | 0.1575% | 0.0000% | 0.0000% | 0.2800% | 0.4284% | 0.0100% | 0.0204% |
| 50 | 0.0800% | 0.2400% | 0.0000% | 0.0000% | 0.3000% | 0.4590% | 0.0100% | 0.0204% |
| 51 | 0.0850% | 0.2550% | 0.0000% | 0.0000% | 0.3200% | 0.4896% | 0.0100% | 0.0204% |
| 52 | 0.0900% | 0.2700% | 0.0000% | 0.0000% | 0.3400% | 0.5202% | 0.0100% | 0.0204% |
| 53 | 0.0950% | 0.2850% | 0.0000% | 0.0000% | 0.3600% | 0.5508% | 0.0100% | 0.0204% |
| 54 | 0.1000% | 0.3000% | 0.0000% | 0.0000% | 0.3800% | 0.5814% | 0.0100% | 0.0204% |
| 55 | 0.1050% | 0.3150% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 56 | 0.1100% | 0.3300% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 57 | 0.1150% | 0.3450% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 58 | 0.1200% | 0.3600% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 59 | 0.1250% | 0.3750% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 60 | 0.1300% | 0.3900% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 61 | 0.1350% | 0.4050% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 62 | 0.1400% | 0.4200% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 63 | 0.1450% | 0.4350% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 64 | 0.1500% | 0.4500% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 65 | 0.1600% | 0.4800% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 66 | 0.1750% | 0.5250% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 67 | 0.1950% | 0.5850% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 68 | 0.2200% | 0.6600% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |
| 69 | 0.2500% | 0.7500% | 0.0000% | 0.0000% | 0.4000% | 0.6120% | 0.0100% | 0.0204% |

Table G

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Total Salary Increase | |
|------------------|----------------|-------------|-----------------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 5.0000% | 5.7000% | 8.0000% | 9.2000% |
| 1 | 4.2000% | 4.7880% | 7.2000% | 8.2880% |
| 2 | 3.5000% | 2.6250% | 6.5000% | 6.1250% |
| 3 | 3.0000% | 2.2500% | 6.0000% | 5.7500% |
| 4 | 2.7000% | 2.0250% | 5.7000% | 5.5250% |
| 5 | 2.5000% | 1.8750% | 5.5000% | 5.3750% |
| 6 | 2.4000% | 1.8000% | 5.4000% | 5.3000% |
| 7 | 2.3000% | 1.7250% | 5.3000% | 5.2250% |
| 8 | 2.2000% | 1.6500% | 5.2000% | 5.1500% |
| 9 | 2.1000% | 1.5750% | 5.1000% | 5.0750% |
| 10 | 2.0000% | 1.5000% | 5.0000% | 5.0000% |
| 11 | 1.9000% | 1.4250% | 4.9000% | 4.9250% |
| 12 | 1.8000% | 1.3500% | 4.8000% | 4.8500% |
| 13 | 1.7000% | 1.2750% | 4.7000% | 4.7750% |
| 14 | 1.6000% | 1.2000% | 4.6000% | 4.7000% |
| 15 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 16 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 17 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 18 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 19 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 20 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 21 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 22 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 23 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 24 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 25 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 26 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 27 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 28 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 29 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 30 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 31 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 32 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 33 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 34 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 35 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 36 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 37 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 38 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 39 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 40 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 41 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 42 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 43 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 44 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 45 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 46 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 47 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 48 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 49 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |
| 50 | 1.5000% | 1.1250% | 4.5000% | 4.6250% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table H

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - GENERAL

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|-------------|--------------------------------------|-------------|
| | Current | Recommended | Current | Recommended | Current | Recommended |
| | 0 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% |
| 1 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 2 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 3 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 4 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 5 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 6 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 7 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 8 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 9 | 4.0000% | 5.2800% | 4.0000% | 3.1200% | 4.0000% | 3.7600% |
| 10 | 4.0000% | 5.2800% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 11 | 4.0000% | 5.2800% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 12 | 4.0000% | 5.2800% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 13 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 14 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 15 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 16 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 17 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 18 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 19 | 4.0000% | 5.9600% | 4.0000% | 3.8400% | 4.0000% | 4.3800% |
| 20 | 4.0000% | 5.9600% | 4.0000% | 5.3600% | 4.0000% | 4.3800% |
| 21 | 4.0000% | 5.9600% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 22 | 4.0000% | 5.9600% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 23 | 4.0000% | 5.9600% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 24 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 25 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 26 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 27 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 28 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 29 | 4.0000% | 4.2800% | 4.0000% | 5.3600% | 4.0000% | 3.5000% |
| 30 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 31 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 32 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 33 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 34 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 35 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 36 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 37 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 38 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 39 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 40 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 41 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 42 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 43 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 44 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 45 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 46 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 47 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 48 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |
| 49 | 4.0000% | 4.2800% | 4.0000% | 4.3200% | 4.0000% | 3.5000% |

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TRANSIT**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 5.9174% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 6.4153% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 6.9553% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 7.9798% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 9.0163% |
| 42 | 0.1386% | 0.0732% | 88 | 13.3230% | 10.0046% |
| 43 | 0.1656% | 0.0806% | 89 | 14.6796% | 11.0593% |
| 44 | 0.1963% | 0.0885% | 90 | 16.1774% | 12.0536% |
| 45 | 0.2337% | 0.0957% | 91 | 17.8319% | 13.4634% |
| 46 | 0.2728% | 0.1050% | 92 | 19.5506% | 14.8518% |
| 47 | 0.3188% | 0.1162% | 93 | 21.1124% | 16.3376% |
| 48 | 0.3658% | 0.1308% | 94 | 22.6686% | 17.7226% |
| 49 | 0.4202% | 0.1483% | 95 | 24.3740% | 19.2316% |
| 50 | 0.4745% | 0.1701% | 96 | 26.3173% | 20.8837% |
| 51 | 0.5328% | 0.1984% | 97 | 28.2576% | 22.6940% |
| 52 | 0.5821% | 0.2319% | 98 | 30.4332% | 24.4572% |
| 53 | 0.6369% | 0.2708% | 99 | 32.3332% | 26.3755% |
| 54 | 0.6878% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.7381% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.7930% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.8486% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.9049% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.9559% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 1.0070% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.4959% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TRANSIT**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 5.3256% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 5.7737% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 6.3549% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 7.4018% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 8.4903% |
| 42 | 0.1192% | 0.0584% | 88 | 12.3580% | 9.4208% |
| 43 | 0.1402% | 0.0642% | 89 | 13.6163% | 10.5720% |
| 44 | 0.1638% | 0.0705% | 90 | 15.2335% | 11.5225% |
| 45 | 0.1921% | 0.0751% | 91 | 16.7914% | 12.8701% |
| 46 | 0.2208% | 0.0812% | 92 | 18.6890% | 14.1974% |
| 47 | 0.2541% | 0.0885% | 93 | 20.1820% | 15.8542% |
| 48 | 0.2872% | 0.0996% | 94 | 21.6697% | 17.1983% |
| 49 | 0.3249% | 0.1129% | 95 | 23.6529% | 18.6627% |
| 50 | 0.3613% | 0.1315% | 96 | 25.5388% | 20.2659% |
| 51 | 0.3996% | 0.1558% | 97 | 27.4217% | 22.3559% |
| 52 | 0.4299% | 0.1877% | 98 | 29.9799% | 24.0929% |
| 53 | 0.4704% | 0.2259% | 99 | 31.8515% | 25.9826% |
| 54 | 0.5080% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.5535% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.6039% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6562% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7104% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.7505% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7906% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2108% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TRANSIT**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.4868% | 2.9185% | 65 | 4.7703% | 3.6656% |
| 20 | 1.5171% | 2.9332% | 66 | 4.9416% | 3.7326% |
| 21 | 1.5551% | 2.9479% | 67 | 5.1271% | 3.8165% |
| 22 | 1.5940% | 2.9625% | 68 | 5.3282% | 3.9186% |
| 23 | 1.6338% | 2.9772% | 69 | 5.5462% | 4.0408% |
| 24 | 1.6747% | 2.9919% | 70 | 5.7836% | 4.1852% |
| 25 | 1.7165% | 3.0065% | 71 | 6.0425% | 4.3539% |
| 26 | 1.7593% | 3.0212% | 72 | 6.3252% | 4.5492% |
| 27 | 1.8032% | 3.0359% | 73 | 6.6331% | 4.7727% |
| 28 | 1.8481% | 3.0505% | 74 | 6.9670% | 5.0254% |
| 29 | 1.8941% | 3.0652% | 75 | 7.3280% | 5.3087% |
| 30 | 1.9411% | 3.0799% | 76 | 7.7518% | 5.6240% |
| 31 | 1.9894% | 3.0945% | 77 | 8.2080% | 5.9721% |
| 32 | 2.0387% | 3.1092% | 78 | 8.6969% | 6.3530% |
| 33 | 2.0893% | 3.1239% | 79 | 9.2196% | 6.7686% |
| 34 | 2.1411% | 3.1385% | 80 | 9.7769% | 7.2198% |
| 35 | 2.1942% | 3.1532% | 81 | 10.3691% | 7.6524% |
| 36 | 2.2485% | 3.1679% | 82 | 10.9966% | 8.1151% |
| 37 | 2.3041% | 3.1825% | 83 | 11.6644% | 8.6148% |
| 38 | 2.3610% | 3.1972% | 84 | 12.3756% | 9.1546% |
| 39 | 2.4193% | 3.2119% | 85 | 13.1331% | 9.7383% |
| 40 | 2.4790% | 3.2265% | 86 | 14.0005% | 10.3698% |
| 41 | 2.5296% | 3.2412% | 87 | 14.9277% | 11.0538% |
| 42 | 2.5812% | 3.2559% | 88 | 15.9188% | 11.7950% |
| 43 | 2.6339% | 3.2705% | 89 | 16.9788% | 12.5989% |
| 44 | 2.6876% | 3.2852% | 90 | 18.1123% | 13.4715% |
| 45 | 2.7425% | 3.2999% | 91 | 19.6407% | 14.3136% |
| 46 | 2.7635% | 3.3145% | 92 | 21.4045% | 15.5897% |
| 47 | 2.7842% | 3.3292% | 93 | 23.1144% | 17.0464% |
| 48 | 2.8470% | 3.3438% | 94 | 24.8183% | 18.4915% |
| 49 | 2.9095% | 3.3585% | 95 | 26.5253% | 20.0660% |
| 50 | 2.9719% | 3.3732% | 96 | 28.2293% | 21.7898% |
| 51 | 3.0611% | 3.3878% | 97 | 29.9296% | 23.5367% |
| 52 | 3.1519% | 3.4025% | 98 | 31.6513% | 25.3655% |
| 53 | 3.2472% | 3.4172% | 99 | 33.4235% | 27.3549% |
| 54 | 3.3441% | 3.4318% | 100 | 35.2792% | 29.5187% |
| 55 | 3.4421% | 3.4465% | 101 | 37.4703% | 32.5225% |
| 56 | 3.5576% | 3.4612% | 102 | 39.7764% | 35.8897% |
| 57 | 3.6755% | 3.4758% | 103 | 43.5427% | 39.5843% |
| 58 | 3.7963% | 3.4905% | 104 | 48.2196% | 43.8360% |
| 59 | 3.9205% | 3.5052% | 105 | 53.6598% | 48.7816% |
| 60 | 4.0483% | 3.5198% | 106 | 60.0475% | 54.5886% |
| 61 | 4.1804% | 3.5291% | 107 | 67.5740% | 61.4309% |
| 62 | 4.3176% | 3.5469% | 108 | 76.4374% | 69.4885% |
| 63 | 4.4605% | 3.5746% | 109 | 86.8421% | 78.9474% |
| 64 | 4.6107% | 3.6136% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0547% | 0.0318% | 65 | 3.7504% | 2.8972% |
| 20 | 0.1500% | 0.1248% | 66 | 3.9004% | 2.9727% |
| 21 | 0.2467% | 0.2166% | 67 | 4.0276% | 3.0482% |
| 22 | 0.3447% | 0.3093% | 68 | 4.1296% | 3.1237% |
| 23 | 0.4464% | 0.4044% | 69 | 4.2560% | 3.1992% |
| 24 | 0.5507% | 0.5006% | 70 | 4.3557% | 3.2746% |
| 25 | 0.6615% | 0.5980% | 71 | 4.4813% | 3.3300% |
| 26 | 0.7807% | 0.7008% | 72 | 4.6070% | 3.4050% |
| 27 | 0.8892% | 0.7963% | 73 | 4.7326% | 3.9946% |
| 28 | 0.9929% | 0.8918% | 74 | 4.9708% | 4.2061% |
| 29 | 1.0965% | 0.9873% | 75 | 5.2603% | 4.4164% |
| 30 | 1.2003% | 1.0960% | 76 | 5.8295% | 4.6788% |
| 31 | 1.3039% | 1.2072% | 77 | 6.4925% | 4.9984% |
| 32 | 1.4076% | 1.3051% | 78 | 7.2220% | 5.3173% |
| 33 | 1.5114% | 1.3944% | 79 | 7.8632% | 5.6651% |
| 34 | 1.6150% | 1.4826% | 80 | 8.5604% | 6.0427% |
| 35 | 1.7187% | 1.5698% | 81 | 9.1341% | 6.4048% |
| 36 | 1.8225% | 1.6557% | 82 | 9.7456% | 6.7921% |
| 37 | 1.9261% | 1.7406% | 83 | 10.3375% | 7.2104% |
| 38 | 2.0176% | 1.8244% | 84 | 11.0343% | 7.6622% |
| 39 | 2.1079% | 1.9071% | 85 | 11.7097% | 8.2001% |
| 40 | 2.1970% | 2.0009% | 86 | 12.4831% | 9.0774% |
| 41 | 2.2314% | 2.0242% | 87 | 13.3905% | 10.0487% |
| 42 | 2.3015% | 2.0475% | 88 | 14.3659% | 11.0576% |
| 43 | 2.3384% | 2.0708% | 89 | 15.3225% | 12.0026% |
| 44 | 2.3758% | 2.0941% | 90 | 16.4442% | 12.8339% |
| 45 | 2.4138% | 2.1818% | 91 | 17.8319% | 13.6362% |
| 46 | 2.4524% | 2.2167% | 92 | 19.5506% | 14.8518% |
| 47 | 2.4917% | 2.2521% | 93 | 21.1124% | 16.3376% |
| 48 | 2.5315% | 2.2653% | 94 | 22.6686% | 17.9142% |
| 49 | 2.5720% | 2.2784% | 95 | 24.3740% | 19.2316% |
| 50 | 2.6132% | 2.3055% | 96 | 26.5805% | 20.8837% |
| 51 | 2.6550% | 2.3328% | 97 | 28.5402% | 22.6940% |
| 52 | 2.6975% | 2.3749% | 98 | 30.7376% | 24.4572% |
| 53 | 2.7681% | 2.4175% | 99 | 32.6565% | 26.3755% |
| 54 | 2.8670% | 2.4607% | 100 | 34.4537% | 28.4617% |
| 55 | 2.9623% | 2.5046% | 101 | 36.2214% | 31.5468% |
| 56 | 3.0589% | 2.5492% | 102 | 37.5402% | 34.8130% |
| 57 | 3.1070% | 2.5788% | 103 | 40.4947% | 38.3968% |
| 58 | 3.1984% | 2.5929% | 104 | 44.8442% | 42.5209% |
| 59 | 3.2708% | 2.6071% | 105 | 49.9036% | 47.3182% |
| 60 | 3.3432% | 2.6213% | 106 | 55.8442% | 52.9509% |
| 61 | 3.4364% | 2.6461% | 107 | 80.7632% | 59.5880% |
| 62 | 3.5092% | 2.6709% | 108 | 92.000% | 83.0000% |
| 63 | 3.6040% | 2.7463% | 109 | 100.000% | 95.0000% |
| 64 | 3.6772% | 2.8218% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TRANSIT**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.3827% | 2.8309% | 65 | 4.4364% | 3.5556% |
| 20 | 1.4109% | 2.8452% | 66 | 4.5957% | 3.6206% |
| 21 | 1.4462% | 2.8595% | 67 | 4.7682% | 3.7020% |
| 22 | 1.4824% | 2.8736% | 68 | 4.9552% | 3.8010% |
| 23 | 1.5194% | 2.8879% | 69 | 5.1580% | 3.9196% |
| 24 | 1.5575% | 2.9021% | 70 | 5.3787% | 4.0596% |
| 25 | 1.5963% | 2.9163% | 71 | 5.6195% | 4.2233% |
| 26 | 1.6361% | 2.9306% | 72 | 5.8824% | 4.4127% |
| 27 | 1.6770% | 2.9448% | 73 | 6.1688% | 4.6295% |
| 28 | 1.7187% | 2.9590% | 74 | 6.4793% | 4.8746% |
| 29 | 1.7615% | 2.9732% | 75 | 6.8150% | 5.1494% |
| 30 | 1.8052% | 2.9875% | 76 | 7.2092% | 5.4553% |
| 31 | 1.8501% | 3.0017% | 77 | 7.6334% | 5.7929% |
| 32 | 1.8960% | 3.0159% | 78 | 8.0881% | 6.1624% |
| 33 | 1.9430% | 3.0302% | 79 | 8.5742% | 6.5655% |
| 34 | 1.9912% | 3.0443% | 80 | 9.0925% | 7.0032% |
| 35 | 2.0406% | 3.0586% | 81 | 9.6433% | 7.4228% |
| 36 | 2.0911% | 3.0729% | 82 | 10.2268% | 7.8716% |
| 37 | 2.1428% | 3.0870% | 83 | 10.8479% | 8.3564% |
| 38 | 2.1957% | 3.1013% | 84 | 11.5093% | 8.8800% |
| 39 | 2.2499% | 3.1155% | 85 | 12.2138% | 9.4462% |
| 40 | 2.3055% | 3.1297% | 86 | 13.0205% | 10.0587% |
| 41 | 2.3525% | 3.1440% | 87 | 13.8828% | 10.7222% |
| 42 | 2.4005% | 3.1582% | 88 | 14.8045% | 11.4412% |
| 43 | 2.4495% | 3.1724% | 89 | 15.7903% | 12.2209% |
| 44 | 2.4995% | 3.1866% | 90 | 16.8444% | 13.0674% |
| 45 | 2.5505% | 3.2009% | 91 | 18.2659% | 13.8842% |
| 46 | 2.5701% | 3.2151% | 92 | 19.9062% | 15.1220% |
| 47 | 2.5893% | 3.2293% | 93 | 21.4964% | 16.5350% |
| 48 | 2.6477% | 3.2435% | 94 | 23.0810% | 17.9368% |
| 49 | 2.7058% | 3.2577% | 95 | 24.6685% | 19.4640% |
| 50 | 2.7639% | 3.2720% | 96 | 26.2532% | 21.1361% |
| 51 | 2.8468% | 3.2862% | 97 | 27.8345% | 22.8306% |
| 52 | 2.9313% | 3.3004% | 98 | 29.4357% | 24.6045% |
| 53 | 3.0199% | 3.3147% | 99 | 31.0839% | 26.5343% |
| 54 | 3.1100% | 3.3288% | 100 | 32.8097% | 28.6331% |
| 55 | 3.2012% | 3.3431% | 101 | 34.8474% | 31.5468% |
| 56 | 3.3086% | 3.3574% | 102 | 36.9921% | 34.8130% |
| 57 | 3.4182% | 3.3715% | 103 | 40.4947% | 38.3968% |
| 58 | 3.5306% | 3.3858% | 104 | 44.8442% | 42.5209% |
| 59 | 3.6461% | 3.4000% | 105 | 49.9036% | 47.3182% |
| 60 | 3.7649% | 3.4142% | 106 | 55.8442% | 52.9509% |
| 61 | 3.8878% | 3.4232% | 107 | 62.8438% | 59.5880% |
| 62 | 4.0154% | 3.4405% | 108 | 71.0868% | 67.4038% |
| 63 | 4.1483% | 3.4674% | 109 | 80.7632% | 76.5790% |
| 64 | 4.2880% | 3.5052% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0410% | 0.0253% | 65 | 3.0355% | 2.6874% |
| 20 | 0.1125% | 0.0980% | 66 | 3.2053% | 2.7574% |
| 21 | 0.1879% | 0.1675% | 67 | 3.3098% | 2.8274% |
| 22 | 0.2665% | 0.2391% | 68 | 3.3424% | 2.8975% |
| 23 | 0.3559% | 0.3175% | 69 | 3.4447% | 2.9675% |
| 24 | 0.4526% | 0.3990% | 70 | 3.4722% | 3.0374% |
| 25 | 0.5689% | 0.4840% | 71 | 3.5723% | 3.0425% |
| 26 | 0.7133% | 0.5848% | 72 | 3.6725% | 3.1111% |
| 27 | 0.8248% | 0.6644% | 73 | 3.7726% | 3.5951% |
| 28 | 0.9210% | 0.7441% | 74 | 3.9625% | 3.7854% |
| 29 | 1.0171% | 0.8238% | 75 | 4.2576% | 3.9151% |
| 30 | 1.1133% | 0.9426% | 76 | 4.7183% | 4.1477% |
| 31 | 1.2094% | 1.0702% | 77 | 5.3354% | 4.4986% |
| 32 | 1.3057% | 1.1569% | 78 | 6.0258% | 4.7855% |
| 33 | 1.4019% | 1.2175% | 79 | 6.6610% | 5.0985% |
| 34 | 1.4980% | 1.2752% | 80 | 7.3625% | 5.4384% |
| 35 | 1.5942% | 1.3298% | 81 | 7.9758% | 5.7643% |
| 36 | 1.6905% | 1.3815% | 82 | 8.6394% | 6.1128% |
| 37 | 1.7866% | 1.4304% | 83 | 9.1641% | 6.4893% |
| 38 | 1.8435% | 1.4767% | 84 | 9.9308% | 6.8959% |
| 39 | 1.8971% | 1.5202% | 85 | 10.5387% | 7.4923% |
| 40 | 1.9476% | 1.5950% | 86 | 11.2347% | 8.4199% |
| 41 | 1.9484% | 1.6136% | 87 | 12.2346% | 9.4624% |
| 42 | 1.9795% | 1.6322% | 88 | 13.3253% | 10.4124% |
| 43 | 1.9809% | 1.6508% | 89 | 14.2127% | 11.4736% |
| 44 | 1.9823% | 1.6693% | 90 | 15.4847% | 12.2684% |
| 45 | 1.9836% | 1.7129% | 91 | 16.7914% | 13.0352% |
| 46 | 1.9849% | 1.7140% | 92 | 18.6890% | 14.1974% |
| 47 | 1.9862% | 1.7150% | 93 | 20.1820% | 15.8542% |
| 48 | 1.9875% | 1.7250% | 94 | 21.6697% | 17.3842% |
| 49 | 1.9887% | 1.7350% | 95 | 23.6529% | 18.6627% |
| 50 | 1.9899% | 1.7826% | 96 | 25.7942% | 20.2659% |
| 51 | 1.9911% | 1.8315% | 97 | 27.6959% | 22.3559% |
| 52 | 1.9923% | 1.9222% | 98 | 30.2797% | 24.0929% |
| 53 | 2.0444% | 2.0171% | 99 | 32.1701% | 25.9826% |
| 54 | 2.1175% | 2.1164% | 100 | 33.9405% | 28.0378% |
| 55 | 2.2216% | 2.2203% | 101 | 36.2214% | 31.5468% |
| 56 | 2.3294% | 2.3291% | 102 | 37.5402% | 34.8130% |
| 57 | 2.4024% | 2.3920% | 103 | 40.4947% | 38.3968% |
| 58 | 2.5111% | 2.4051% | 104 | 44.8442% | 42.5209% |
| 59 | 2.5679% | 2.4183% | 105 | 49.9036% | 47.3182% |
| 60 | 2.6247% | 2.4314% | 106 | 55.8442% | 52.9509% |
| 61 | 2.7394% | 2.4544% | 107 | 80.7632% | 59.5880% |
| 62 | 2.7974% | 2.4774% | 108 | 92.000% | 83.0000% |
| 63 | 2.9170% | 2.5474% | 109 | 100.000% | 95.0000% |
| 64 | 2.9763% | 2.6175% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|----------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 12.0000% | 0.8640% | 15.0000% | 1.3500% |
| 1 | 8.0000% | 0.5760% | 9.0000% | 0.8100% |
| 2 | 6.0000% | 0.4320% | 7.0000% | 0.6300% |
| 3 | 4.5000% | 0.3240% | 5.5000% | 0.4950% |
| 4 | 3.5000% | 0.5250% | 4.5000% | 0.6975% |
| 5 | 3.0000% | 0.4500% | 4.0000% | 0.6200% |
| 6 | 2.9000% | 0.4350% | 3.9000% | 0.6045% |
| 7 | 2.8000% | 0.4200% | 3.8000% | 0.5890% |
| 8 | 2.7000% | 0.4050% | 3.7000% | 0.5735% |
| 9 | 2.6000% | 0.3900% | 3.6000% | 0.5580% |
| 10 | 2.5000% | 0.3750% | 3.5000% | 0.5425% |
| 11 | 2.4000% | 0.3600% | 3.4000% | 0.5270% |
| 12 | 2.3000% | 0.3450% | 3.3000% | 0.5115% |
| 13 | 2.2000% | 0.3300% | 3.2000% | 0.4960% |
| 14 | 2.1000% | 0.3150% | 3.1000% | 0.4805% |
| 15 | 2.0000% | 0.3000% | 3.0000% | 0.4650% |
| 16 | 1.9000% | 0.2850% | 2.9000% | 0.4495% |
| 17 | 1.8000% | 0.2700% | 2.8000% | 0.4340% |
| 18 | 1.7000% | 0.2550% | 2.7000% | 0.4185% |
| 19 | 1.6000% | 0.2400% | 2.6000% | 0.4030% |
| 20 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 21 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 22 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 23 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 24 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 25 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 26 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 27 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 28 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 29 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 30 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 31 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 32 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 33 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 34 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 35 | 1.5000% | 0.4800% | 2.5000% | 0.6350% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table D - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 25.0000% | 18.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 43 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 44 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 45 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 46 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 47 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 48 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 49 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 50 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 51 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 52 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 53 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 54 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 55 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 56 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 57 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 58 | 25.0000% | 18.8634% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 3.0000% | 1.0983% |
| 59 | 25.0000% | 18.8634% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 4.0000% | 1.4644% |
| 60 | 30.0000% | 22.6361% | 20.0000% | 9.0800% | 20.0000% | 8.0000% | 5.0000% | 1.8305% |
| 61 | 40.0000% | 30.1815% | 30.0000% | 13.6200% | 30.0000% | 14.1000% | 6.0000% | 2.1966% |
| 62 | 60.0000% | 45.2723% | 60.0000% | 27.2400% | 60.0000% | 28.2000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 30.1815% | 40.0000% | 22.8000% | 40.0000% | 18.8000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 18.8000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 46.6242% | 60.0000% | 34.2000% | 60.0000% | 28.2000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 25.0000% | 18.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 43 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 44 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 45 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 46 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 47 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 48 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 49 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 0.0000% | 0.0000% |
| 50 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 51 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 52 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 53 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 54 | 25.0000% | 18.0000% | 20.0000% | 0.5600% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 55 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 56 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 57 | 25.0000% | 18.0000% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 2.0000% | 2.6111% |
| 58 | 25.0000% | 18.8634% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 3.0000% | 1.0983% |
| 59 | 25.0000% | 18.8634% | 20.0000% | 9.0800% | 15.0000% | 6.0000% | 4.0000% | 1.4644% |
| 60 | 30.0000% | 22.6361% | 20.0000% | 9.0800% | 20.0000% | 8.0000% | 5.0000% | 1.8305% |
| 61 | 40.0000% | 30.1815% | 30.0000% | 13.6200% | 30.0000% | 14.1000% | 6.0000% | 2.1966% |
| 62 | 60.0000% | 45.2723% | 60.0000% | 27.2400% | 60.0000% | 28.2000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 30.1815% | 40.0000% | 22.8000% | 40.0000% | 18.8000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 18.8000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 46.6242% | 60.0000% | 34.2000% | 60.0000% | 28.2000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 31.0828% | 40.0000% | 22.8000% | 40.0000% | 32.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|--|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 14.1000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 57.7200% | 40.0000% | 30.5600% | 30.0000% | 21.9000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 57.7200% | 60.0000% | 45.8400% | 60.0000% | 43.8000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 29.2000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 29.2000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 57.7200% | 60.0000% | 45.8400% | 60.0000% | 43.8000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | |
|-----|--|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | Current | Recommended |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 14.1000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 2.6000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 14.1000% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 34.6800% | 40.0000% | 6.7200% | 20.0000% | 14.6000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 57.7200% | 40.0000% | 30.5600% | 30.0000% | 21.9000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 57.7200% | 60.0000% | 45.8400% | 60.0000% | 43.8000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 29.2000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 29.2000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 57.7200% | 60.0000% | 45.8400% | 60.0000% | 43.8000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 38.4800% | 40.0000% | 30.5600% | 40.0000% | 38.4000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table G

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 15.0000% | 11.8500% | 18.0000% | 15.3500% |
| 1 | 12.0000% | 9.4800% | 15.0000% | 12.9800% |
| 2 | 9.0000% | 7.1100% | 12.0000% | 10.6100% |
| 3 | 6.0000% | 4.7400% | 9.0000% | 8.2400% |
| 4 | 3.0000% | 2.3700% | 6.0000% | 5.8700% |
| 5 | 1.0000% | 0.7900% | 4.0000% | 4.2900% |
| 6 | 1.0000% | 0.7900% | 4.0000% | 4.2900% |
| 7 | 1.0000% | 0.7900% | 4.0000% | 4.2900% |
| 8 | 1.0000% | 0.7900% | 4.0000% | 4.2900% |
| 9 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 10 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 11 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 12 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 13 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 14 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 15 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 16 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 17 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 18 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 19 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 20 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 21 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 22 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 23 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 24 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 25 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 26 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 27 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 28 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 29 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 30 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 31 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 32 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 33 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 34 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 35 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 36 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 37 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 38 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 39 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 40 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 41 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 42 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 43 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 44 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 45 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 46 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 47 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 48 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 49 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |
| 50 | 1.0000% | 0.1400% | 4.0000% | 3.6400% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table H

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TRANSIT

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|--------------|--------------------------------------|-------------|
| | Current | Recommended | Current | Recommended* | Current | Recommended |
| 0 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 1 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 2 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 3 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 4 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 5 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 6 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 7 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 8 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 9 | 8.0000% | 7.8800% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 10 | 8.0000% | 8.8320% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 11 | 8.0000% | 8.8320% | 12.0000% | 4.4400% | 6.0000% | 4.9800% |
| 12 | 8.0000% | 8.8320% | 12.0000% | 4.4400% | 6.0000% | 5.7000% |
| 13 | 8.0000% | 8.8320% | 12.0000% | 4.4400% | 6.0000% | 5.7000% |
| 14 | 8.0000% | 8.8320% | 12.0000% | 4.4400% | 6.0000% | 5.7000% |
| 15 | 8.0000% | 8.8320% | 12.0000% | 6.3600% | 6.0000% | 5.7000% |
| 16 | 8.0000% | 7.8400% | 12.0000% | 6.3600% | 6.0000% | 5.7000% |
| 17 | 8.0000% | 7.8400% | 12.0000% | 6.3600% | 6.0000% | 5.7000% |
| 18 | 8.0000% | 7.8400% | 12.0752% | 6.3999% | 6.0000% | 4.2000% |
| 19 | 8.0000% | 7.8400% | 12.0316% | 6.3767% | 6.0000% | 4.2000% |
| 20 | 8.0000% | 7.8400% | 12.0000% | 6.3600% | 6.0000% | 4.2000% |
| 21 | 8.0000% | 7.8400% | 12.0540% | 6.3886% | 6.0000% | 4.0800% |
| 22 | 8.0000% | 7.8400% | 12.0409% | 6.3817% | 6.0000% | 4.0800% |
| 23 | 8.0000% | 7.8400% | 12.0267% | 6.8552% | 6.0000% | 4.0800% |
| 24 | 8.0000% | 7.8400% | 12.0276% | 6.8558% | 6.0000% | 4.0800% |
| 25 | 8.0000% | 7.8400% | 12.0173% | 6.8498% | 6.0000% | 4.0800% |
| 26 | 8.0000% | 7.8400% | 12.0000% | 9.6000% | 6.0000% | 4.0800% |
| 27 | 8.0000% | 7.8400% | 12.0345% | 9.6276% | 6.0000% | 4.0800% |
| 28 | 8.0000% | 7.8400% | 12.0000% | 9.6000% | 6.0000% | 4.0800% |
| 29 | 8.0000% | 7.8400% | 12.0000% | 9.6000% | 6.0000% | 4.0800% |
| 30 | 8.0000% | 7.8400% | 12.0000% | 9.6000% | 6.0000% | 4.0800% |
| 31 | 8.0000% | 7.8400% | 12.0000% | 9.6000% | 6.0000% | 4.0800% |
| 32 | 8.0000% | 7.8400% | 12.9815% | 8.3082% | 6.0000% | 4.0800% |
| 33 | 8.0000% | 7.8400% | 13.7397% | 8.7934% | 6.0000% | 4.0800% |
| 34 | 8.0000% | 7.8400% | 15.3424% | 9.8191% | 6.0000% | 4.0800% |
| 35 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 36 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 37 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 38 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 39 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 40 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 41 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 42 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 43 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 44 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 45 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 46 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 47 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 48 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 49 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |
| 50 | 8.0000% | 7.8400% | 16.0000% | 10.2400% | 6.0000% | 4.0800% |

* Hay Group recommends use of these assumptions for all employees (Tier I - IV)

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
SANITATION**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 5.9174% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 6.4153% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 6.9553% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 7.9798% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 9.0163% |
| 42 | 0.1386% | 0.0732% | 88 | 13.3230% | 10.0046% |
| 43 | 0.1656% | 0.0806% | 89 | 14.6796% | 11.0593% |
| 44 | 0.1963% | 0.0885% | 90 | 16.1774% | 12.0536% |
| 45 | 0.2337% | 0.0957% | 91 | 17.8319% | 13.4634% |
| 46 | 0.2728% | 0.1050% | 92 | 19.5506% | 14.8518% |
| 47 | 0.3188% | 0.1162% | 93 | 21.1124% | 16.3376% |
| 48 | 0.3658% | 0.1308% | 94 | 22.6686% | 17.7226% |
| 49 | 0.4202% | 0.1483% | 95 | 24.3740% | 19.2316% |
| 50 | 0.4745% | 0.1701% | 96 | 26.3173% | 20.8837% |
| 51 | 0.5328% | 0.1984% | 97 | 28.2576% | 22.6940% |
| 52 | 0.5821% | 0.2319% | 98 | 30.4332% | 24.4572% |
| 53 | 0.6369% | 0.2708% | 99 | 32.3332% | 26.3755% |
| 54 | 0.6878% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.7381% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.7930% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.8486% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.9049% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.9559% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 1.0070% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.4959% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
SANITATION**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 5.3256% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 5.7737% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 6.3549% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 7.4018% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 8.4903% |
| 42 | 0.1192% | 0.0584% | 88 | 12.3580% | 9.4208% |
| 43 | 0.1402% | 0.0642% | 89 | 13.6163% | 10.5720% |
| 44 | 0.1638% | 0.0705% | 90 | 15.2335% | 11.5225% |
| 45 | 0.1921% | 0.0751% | 91 | 16.7914% | 12.8701% |
| 46 | 0.2208% | 0.0812% | 92 | 18.6890% | 14.1974% |
| 47 | 0.2541% | 0.0885% | 93 | 20.1820% | 15.8542% |
| 48 | 0.2872% | 0.0996% | 94 | 21.6697% | 17.1983% |
| 49 | 0.3249% | 0.1129% | 95 | 23.6529% | 18.6627% |
| 50 | 0.3613% | 0.1315% | 96 | 25.5388% | 20.2659% |
| 51 | 0.3996% | 0.1558% | 97 | 27.4217% | 22.3559% |
| 52 | 0.4299% | 0.1877% | 98 | 29.9799% | 24.0929% |
| 53 | 0.4704% | 0.2259% | 99 | 31.8515% | 25.9826% |
| 54 | 0.5080% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.5535% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.6039% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6562% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7104% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.7505% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7906% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2108% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
SANITATION**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.7434% | 1.4593% | 65 | 3.1007% | 2.3826% |
| 20 | 0.7586% | 1.4666% | 66 | 3.2615% | 2.4635% |
| 21 | 0.7776% | 1.4740% | 67 | 3.4352% | 2.5571% |
| 22 | 0.7970% | 1.4813% | 68 | 3.6232% | 2.6646% |
| 23 | 0.8169% | 1.4886% | 69 | 3.8269% | 2.7882% |
| 24 | 0.8374% | 1.4960% | 70 | 4.0485% | 2.9296% |
| 25 | 0.8583% | 1.5033% | 71 | 4.2902% | 3.0913% |
| 26 | 0.8797% | 1.5106% | 72 | 4.5541% | 3.2754% |
| 27 | 0.9016% | 1.5180% | 73 | 4.8422% | 3.4841% |
| 28 | 0.9241% | 1.5253% | 74 | 5.1556% | 3.7188% |
| 29 | 0.9471% | 1.5326% | 75 | 5.4960% | 3.9815% |
| 30 | 0.9706% | 1.5400% | 76 | 5.8914% | 4.2742% |
| 31 | 0.9947% | 1.5473% | 77 | 6.3202% | 4.5985% |
| 32 | 1.0194% | 1.5546% | 78 | 6.7836% | 4.9553% |
| 33 | 1.0447% | 1.5620% | 79 | 7.2835% | 5.3472% |
| 34 | 1.0706% | 1.5693% | 80 | 7.8225% | 5.7758% |
| 35 | 1.0971% | 1.5766% | 81 | 8.6016% | 6.1984% |
| 36 | 1.1243% | 1.5840% | 82 | 9.3807% | 6.6544% |
| 37 | 1.1521% | 1.5913% | 83 | 10.1598% | 7.1503% |
| 38 | 1.1805% | 1.5986% | 84 | 10.9389% | 7.6899% |
| 39 | 1.2097% | 1.6060% | 85 | 11.7180% | 8.2776% |
| 40 | 1.2395% | 1.6133% | 86 | 12.9381% | 8.9180% |
| 41 | 1.2648% | 1.6206% | 87 | 14.1582% | 9.6168% |
| 42 | 1.2906% | 1.6280% | 88 | 15.3783% | 10.5651% |
| 43 | 1.3170% | 1.6353% | 89 | 16.5984% | 11.6088% |
| 44 | 1.3438% | 1.6426% | 90 | 17.8185% | 12.6525% |
| 45 | 1.3713% | 1.6500% | 91 | 19.6407% | 14.1323% |
| 46 | 1.3818% | 1.6573% | 92 | 21.4045% | 15.5897% |
| 47 | 1.3921% | 1.6646% | 93 | 23.1144% | 17.0464% |
| 48 | 1.4235% | 1.6719% | 94 | 24.8183% | 18.4915% |
| 49 | 1.4548% | 1.6793% | 95 | 26.5253% | 20.0660% |
| 50 | 1.4860% | 1.6866% | 96 | 28.2293% | 21.7898% |
| 51 | 1.5612% | 1.7278% | 97 | 29.9296% | 23.5367% |
| 52 | 1.6390% | 1.7693% | 98 | 31.6513% | 25.3655% |
| 53 | 1.7210% | 1.8111% | 99 | 33.4235% | 27.3549% |
| 54 | 1.8058% | 1.8532% | 100 | 35.2792% | 29.5187% |
| 55 | 1.8932% | 1.8956% | 101 | 37.4703% | 32.5225% |
| 56 | 1.9923% | 1.9383% | 102 | 39.7764% | 35.8897% |
| 57 | 2.0950% | 1.9812% | 103 | 43.5427% | 39.5843% |
| 58 | 2.2019% | 2.0245% | 104 | 48.2196% | 43.8360% |
| 59 | 2.3131% | 2.0681% | 105 | 53.6598% | 48.7816% |
| 60 | 2.4290% | 2.1119% | 106 | 60.0475% | 54.5886% |
| 61 | 2.5500% | 2.1528% | 107 | 67.5740% | 61.4309% |
| 62 | 2.6769% | 2.1991% | 108 | 76.4374% | 69.4885% |
| 63 | 2.8101% | 2.2520% | 109 | 86.8421% | 78.9474% |
| 64 | 2.9508% | 2.3127% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0891% | 0.1827% | 65 | 2.3959% | 1.8634% |
| 20 | 0.1313% | 0.2674% | 66 | 2.5753% | 1.9942% |
| 21 | 0.1744% | 0.3510% | 67 | 2.8448% | 2.0940% |
| 22 | 0.2182% | 0.4363% | 68 | 3.1210% | 2.1821% |
| 23 | 0.2639% | 0.5247% | 69 | 3.4064% | 2.3095% |
| 24 | 0.3109% | 0.6143% | 70 | 3.6588% | 2.4266% |
| 25 | 0.3611% | 0.6381% | 71 | 3.8772% | 2.5452% |
| 26 | 0.4155% | 0.6661% | 72 | 4.1157% | 2.6967% |
| 27 | 0.4638% | 0.6863% | 73 | 4.3760% | 2.8837% |
| 28 | 0.5097% | 0.7065% | 74 | 4.6593% | 3.0779% |
| 29 | 0.5556% | 0.7268% | 75 | 4.9973% | 3.2755% |
| 30 | 0.5694% | 0.7562% | 76 | 5.3568% | 3.5163% |
| 31 | 0.5727% | 0.7861% | 77 | 5.7818% | 3.8488% |
| 32 | 0.5760% | 0.8069% | 78 | 6.2434% | 4.1474% |
| 33 | 0.5793% | 0.8225% | 79 | 6.9574% | 4.4755% |
| 34 | 0.5826% | 0.8381% | 80 | 7.6711% | 4.9684% |
| 35 | 0.5859% | 0.8533% | 81 | 8.3348% | 5.3319% |
| 36 | 0.5892% | 0.8685% | 82 | 8.9787% | 5.7243% |
| 37 | 0.5925% | 0.8834% | 83 | 9.5443% | 6.1508% |
| 38 | 0.6139% | 0.8979% | 84 | 10.1435% | 6.6150% |
| 39 | 0.6350% | 0.9124% | 85 | 10.6569% | 7.3573% |
| 40 | 0.6558% | 0.9322% | 86 | 11.5358% | 8.4769% |
| 41 | 0.6763% | 0.9521% | 87 | 12.7001% | 9.1963% |
| 42 | 0.6966% | 0.9578% | 88 | 13.8781% | 10.1031% |
| 43 | 0.7165% | 0.9634% | 89 | 14.9792% | 11.1683% |
| 44 | 0.7363% | 0.9691% | 90 | 16.1774% | 12.0536% |
| 45 | 0.7558% | 0.9853% | 91 | 17.8319% | 13.4634% |
| 46 | 0.7749% | 1.0105% | 92 | 19.5506% | 14.8518% |
| 47 | 0.7938% | 1.0300% | 93 | 21.1124% | 16.3376% |
| 48 | 0.8124% | 1.0329% | 94 | 22.6686% | 17.9142% |
| 49 | 0.8309% | 1.0358% | 95 | 24.3740% | 19.2316% |
| 50 | 0.8489% | 1.0451% | 96 | 27.5739% | 20.8837% |
| 51 | 0.8669% | 1.0662% | 97 | 29.2348% | 22.6940% |
| 52 | 0.8844% | 1.0940% | 98 | 31.1029% | 24.4572% |
| 53 | 0.9074% | 1.1225% | 99 | 32.8444% | 26.3755% |
| 54 | 0.9521% | 1.1514% | 100 | 34.6680% | 28.4617% |
| 55 | 1.0043% | 1.1809% | 101 | 37.0428% | 31.5468% |
| 56 | 1.0634% | 1.2109% | 102 | 39.3226% | 34.8130% |
| 57 | 1.1251% | 1.2339% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2137% | 1.2496% | 104 | 44.8442% | 42.5209% |
| 59 | 1.2999% | 1.2653% | 105 | 49.9036% | 47.3182% |
| 60 | 1.4343% | 1.3915% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5910% | 1.5197% | 107 | 80.7632% | 59.5880% |
| 62 | 1.7508% | 1.6559% | 108 | 92.000% | 83.0000% |
| 63 | 1.9370% | 1.8017% | 109 | 100.000% | 95.0000% |
| 64 | 2.3404% | 1.8140% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
SANITATION**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.6914% | 1.4155% | 65 | 2.8837% | 2.3111% |
| 20 | 0.7055% | 1.4226% | 66 | 3.0332% | 2.3896% |
| 21 | 0.7232% | 1.4298% | 67 | 3.1947% | 2.4804% |
| 22 | 0.7412% | 1.4369% | 68 | 3.3696% | 2.5847% |
| 23 | 0.7597% | 1.4439% | 69 | 3.5590% | 2.7046% |
| 24 | 0.7788% | 1.4511% | 70 | 3.7651% | 2.8417% |
| 25 | 0.7982% | 1.4582% | 71 | 3.9899% | 2.9986% |
| 26 | 0.8181% | 1.4653% | 72 | 4.2353% | 3.1771% |
| 27 | 0.8385% | 1.4725% | 73 | 4.5032% | 3.3796% |
| 28 | 0.8594% | 1.4795% | 74 | 4.7947% | 3.6072% |
| 29 | 0.8808% | 1.4866% | 75 | 5.1113% | 3.8621% |
| 30 | 0.9027% | 1.4938% | 76 | 5.4790% | 4.1460% |
| 31 | 0.9251% | 1.5009% | 77 | 5.8778% | 4.4605% |
| 32 | 0.9480% | 1.5080% | 78 | 6.3087% | 4.8066% |
| 33 | 0.9716% | 1.5151% | 79 | 6.7737% | 5.1868% |
| 34 | 0.9957% | 1.5222% | 80 | 7.2749% | 5.6025% |
| 35 | 1.0203% | 1.5293% | 81 | 7.9995% | 6.0124% |
| 36 | 1.0456% | 1.5365% | 82 | 8.7241% | 6.4548% |
| 37 | 1.0715% | 1.5436% | 83 | 9.4486% | 6.9358% |
| 38 | 1.0979% | 1.5506% | 84 | 10.1732% | 7.4592% |
| 39 | 1.1250% | 1.5578% | 85 | 10.8977% | 8.0293% |
| 40 | 1.1527% | 1.5649% | 86 | 12.0324% | 8.6505% |
| 41 | 1.1763% | 1.5720% | 87 | 13.1671% | 9.3283% |
| 42 | 1.2003% | 1.5792% | 88 | 14.3018% | 10.2481% |
| 43 | 1.2248% | 1.5862% | 89 | 15.4365% | 11.2605% |
| 44 | 1.2497% | 1.5933% | 90 | 16.5712% | 12.2729% |
| 45 | 1.2753% | 1.6005% | 91 | 18.2659% | 13.7083% |
| 46 | 1.2851% | 1.6076% | 92 | 19.9062% | 15.1220% |
| 47 | 1.2947% | 1.6147% | 93 | 21.4964% | 16.5350% |
| 48 | 1.3239% | 1.6217% | 94 | 23.0810% | 17.9368% |
| 49 | 1.3530% | 1.6289% | 95 | 24.6685% | 19.4640% |
| 50 | 1.3820% | 1.6360% | 96 | 26.2532% | 21.1361% |
| 51 | 1.4519% | 1.6760% | 97 | 27.8345% | 22.8306% |
| 52 | 1.5243% | 1.7162% | 98 | 29.4357% | 24.6045% |
| 53 | 1.6005% | 1.7568% | 99 | 31.0839% | 26.5343% |
| 54 | 1.6794% | 1.7976% | 100 | 32.8097% | 28.6331% |
| 55 | 1.7607% | 1.8387% | 101 | 34.8474% | 31.5468% |
| 56 | 1.8528% | 1.8802% | 102 | 36.9921% | 34.8130% |
| 57 | 1.9484% | 1.9218% | 103 | 40.4947% | 38.3968% |
| 58 | 2.0478% | 1.9638% | 104 | 44.8442% | 42.5209% |
| 59 | 2.1512% | 2.0061% | 105 | 49.9036% | 47.3182% |
| 60 | 2.2590% | 2.0485% | 106 | 55.8442% | 52.9509% |
| 61 | 2.3715% | 2.0882% | 107 | 62.8438% | 59.5880% |
| 62 | 2.4895% | 2.1331% | 108 | 71.0868% | 67.4038% |
| 63 | 2.6134% | 2.1844% | 109 | 80.7632% | 76.5790% |
| 64 | 2.7442% | 2.2433% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0668% | 0.1456% | 65 | 1.9392% | 1.7284% |
| 20 | 0.0985% | 0.2100% | 66 | 2.1164% | 1.8497% |
| 21 | 0.1328% | 0.2714% | 67 | 2.3378% | 1.9423% |
| 22 | 0.1687% | 0.3374% | 68 | 2.5261% | 2.0240% |
| 23 | 0.2104% | 0.4119% | 69 | 2.7570% | 2.1423% |
| 24 | 0.2555% | 0.4897% | 70 | 2.9166% | 2.2508% |
| 25 | 0.3105% | 0.5164% | 71 | 3.0908% | 2.3255% |
| 26 | 0.3797% | 0.5557% | 72 | 3.2809% | 2.4639% |
| 27 | 0.4302% | 0.5727% | 73 | 3.4884% | 2.5953% |
| 28 | 0.4728% | 0.5895% | 74 | 3.7142% | 2.7701% |
| 29 | 0.5153% | 0.6064% | 75 | 4.0447% | 2.9037% |
| 30 | 0.5281% | 0.6504% | 76 | 4.3357% | 3.1172% |
| 31 | 0.5312% | 0.6969% | 77 | 4.7513% | 3.4639% |
| 32 | 0.5343% | 0.7153% | 78 | 5.2093% | 3.7326% |
| 33 | 0.5374% | 0.7182% | 79 | 5.8938% | 4.0279% |
| 34 | 0.5404% | 0.7208% | 80 | 6.5976% | 4.4715% |
| 35 | 0.5435% | 0.7229% | 81 | 7.2778% | 4.7987% |
| 36 | 0.5465% | 0.7246% | 82 | 7.9596% | 5.1518% |
| 37 | 0.5496% | 0.7259% | 83 | 8.4609% | 5.5357% |
| 38 | 0.5609% | 0.7268% | 84 | 9.1290% | 5.9534% |
| 39 | 0.5715% | 0.7273% | 85 | 9.5911% | 6.7223% |
| 40 | 0.5814% | 0.7431% | 86 | 10.3821% | 7.8629% |
| 41 | 0.5905% | 0.7590% | 87 | 11.6039% | 8.6598% |
| 42 | 0.5991% | 0.7635% | 88 | 12.8729% | 9.5136% |
| 43 | 0.6070% | 0.7680% | 89 | 13.8942% | 10.6761% |
| 44 | 0.6143% | 0.7725% | 90 | 15.2335% | 11.5225% |
| 45 | 0.6211% | 0.7735% | 91 | 16.7914% | 12.8701% |
| 46 | 0.6272% | 0.7813% | 92 | 18.6890% | 14.1974% |
| 47 | 0.6328% | 0.7844% | 93 | 20.1820% | 15.8542% |
| 48 | 0.6379% | 0.7865% | 94 | 21.6697% | 17.3842% |
| 49 | 0.6424% | 0.7888% | 95 | 23.6529% | 18.6627% |
| 50 | 0.6465% | 0.8081% | 96 | 26.7582% | 20.2659% |
| 51 | 0.6501% | 0.8370% | 97 | 28.3699% | 22.3559% |
| 52 | 0.6532% | 0.8855% | 98 | 30.6396% | 24.0929% |
| 53 | 0.6702% | 0.9366% | 99 | 32.3552% | 25.9826% |
| 54 | 0.7032% | 0.9903% | 100 | 34.1516% | 28.0378% |
| 55 | 0.7532% | 1.0469% | 101 | 37.0428% | 31.5468% |
| 56 | 0.8097% | 1.1064% | 102 | 39.3226% | 34.8130% |
| 57 | 0.8699% | 1.1446% | 103 | 40.4947% | 38.3968% |
| 58 | 0.9529% | 1.1591% | 104 | 44.8442% | 42.5209% |
| 59 | 1.0206% | 1.1737% | 105 | 49.9036% | 47.3182% |
| 60 | 1.1260% | 1.2907% | 106 | 55.8442% | 52.9509% |
| 61 | 1.2683% | 1.4097% | 107 | 80.7632% | 59.5880% |
| 62 | 1.3957% | 1.5360% | 108 | 92.000% | 83.0000% |
| 63 | 1.5678% | 1.6712% | 109 | 100.000% | 95.0000% |
| 64 | 1.8943% | 1.6826% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|---------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 6.0000% | 1.2000% | 6.0000% | 1.2000% |
| 1 | 4.0000% | 0.8000% | 4.0000% | 0.8000% |
| 2 | 3.0000% | 0.6000% | 3.0000% | 0.6000% |
| 3 | 2.0000% | 0.5000% | 2.0000% | 0.5000% |
| 4 | 1.7000% | 0.4250% | 1.7000% | 0.4250% |
| 5 | 1.5000% | 0.3750% | 1.5000% | 0.3750% |
| 6 | 1.4000% | 0.3500% | 1.4000% | 0.3500% |
| 7 | 1.3000% | 0.3250% | 1.3000% | 0.3250% |
| 8 | 1.2000% | 0.3000% | 1.2000% | 0.3000% |
| 9 | 1.1000% | 0.2750% | 1.1000% | 0.2750% |
| 10 | 1.0000% | 0.2500% | 1.0000% | 0.2500% |
| 11 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 12 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 13 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 14 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 15 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 16 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 17 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 18 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 19 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 20 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 21 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 22 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 23 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 24 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 25 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 26 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 27 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 28 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 29 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 30 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 31 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 32 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 33 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 34 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 35 | 1.0000% | 0.5500% | 1.0000% | 0.5500% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table D - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 40.0000% | 14.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 39 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 40 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 41 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 42 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 43 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 44 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 45 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 46 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 47 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 48 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 49 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 50 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 51 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 52 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 53 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 54 | 40.0000% | 34.4000% | 20.0000% | 38.2000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 55 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 56 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 57 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 58 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 3.0000% | 0.9150% |
| 59 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 4.0000% | 1.2200% |
| 60 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 20.0000% | 7.6000% | 5.0000% | 1.5250% |
| 61 | 40.0000% | 34.4000% | 30.0000% | 17.7000% | 30.0000% | 11.4000% | 6.0000% | 1.8300% |
| 62 | 60.0000% | 51.6000% | 60.0000% | 35.4000% | 60.0000% | 22.8000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 15.2000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 15.2000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 51.6000% | 60.0000% | 35.4000% | 60.0000% | 21.0000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 40.0000% | 14.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 39 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 40 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 41 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 42 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 43 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 44 | 40.0000% | 14.4000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 45 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 46 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 47 | 40.0000% | 64.8000% | 20.0000% | 9.6000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 48 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 49 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 0.0000% | 0.0000% |
| 50 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 51 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 52 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 0.3000% | 2.0000% | 0.6100% |
| 53 | 40.0000% | 64.8000% | 20.0000% | 38.2000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 54 | 40.0000% | 34.4000% | 20.0000% | 38.2000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 55 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 56 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 57 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 2.0000% | 0.6100% |
| 58 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 3.0000% | 0.9150% |
| 59 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 15.0000% | 5.7000% | 4.0000% | 1.2200% |
| 60 | 40.0000% | 34.4000% | 20.0000% | 11.8000% | 20.0000% | 7.6000% | 5.0000% | 1.5250% |
| 61 | 40.0000% | 34.4000% | 30.0000% | 17.7000% | 30.0000% | 11.4000% | 6.0000% | 1.8300% |
| 62 | 60.0000% | 51.6000% | 60.0000% | 35.4000% | 60.0000% | 22.8000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 15.2000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 15.2000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 51.6000% | 60.0000% | 35.4000% | 60.0000% | 21.0000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 34.4000% | 40.0000% | 23.6000% | 40.0000% | 14.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|--|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 60.0000% | 36.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 39 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 30.0000% | 22.2000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 49.2000% | 60.0000% | 35.4000% | 60.0000% | 44.4000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 49.2000% | 60.0000% | 35.4000% | 60.0000% | 44.4000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | |
|-----|--|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 60.0000% | 36.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 39 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 36.0000% | 40.0000% | 6.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 36.0000% | 40.0000% | 14.4000% | 20.0000% | 9.2000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 49.2000% | 40.0000% | 14.4000% | 20.0000% | 14.8000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 20.0000% | 14.8000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 49.2000% | 40.0000% | 23.6000% | 30.0000% | 22.2000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 49.2000% | 60.0000% | 35.4000% | 60.0000% | 44.4000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 49.2000% | 60.0000% | 35.4000% | 60.0000% | 44.4000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 32.8000% | 40.0000% | 23.6000% | 40.0000% | 29.6000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table G

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 5.0000% | 4.0500% | 8.0000% | 7.5500% |
| 1 | 5.0000% | 4.0500% | 8.0000% | 7.5500% |
| 2 | 5.0000% | 4.0500% | 8.0000% | 7.5500% |
| 3 | 5.0000% | 4.0500% | 8.0000% | 7.5500% |
| 4 | 36.0000% | 29.1600% | 39.0000% | 32.6600% |
| 5 | 0.5000% | 0.4050% | 3.5000% | 3.9050% |
| 6 | 1.0000% | 0.8100% | 4.0000% | 4.3100% |
| 7 | 1.5000% | 1.2150% | 4.5000% | 4.7150% |
| 8 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 9 | 3.0000% | 2.4300% | 6.0000% | 5.9300% |
| 10 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 11 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 12 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 13 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 14 | 3.0000% | 2.4300% | 6.0000% | 5.9300% |
| 15 | 2.0000% | 1.6200% | 5.0000% | 5.1200% |
| 16 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 17 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 18 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 19 | 3.0000% | 0.5100% | 6.0000% | 4.0100% |
| 20 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 21 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 22 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 23 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 24 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 25 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 26 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 27 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 28 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 29 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 30 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 31 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 32 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 33 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 34 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 35 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 36 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 37 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 38 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 39 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 40 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 41 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 42 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 43 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 44 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 45 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 46 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 47 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 48 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 49 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |
| 50 | 2.0000% | 0.3400% | 5.0000% | 3.8400% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table H

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - SANITATION

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|--------------|--------------------------------------|--------------|
| | Current | Recommended | Current | Recommended* | Current | Recommended* |
| 0 | 10.0000% | 10.1500% | 12.0000% | 9.6000% | 8.0000% | 2.3200% |
| 1 | 10.5000% | 10.6575% | 12.5000% | 10.0000% | 8.4000% | 2.4360% |
| 2 | 11.0000% | 11.1650% | 13.0000% | 10.4000% | 8.8000% | 2.5520% |
| 3 | 11.5000% | 11.6725% | 13.5000% | 10.8000% | 9.2000% | 2.6680% |
| 4 | 12.0000% | 12.1800% | 14.0000% | 11.2000% | 9.6000% | 2.7840% |
| 5 | 12.5000% | 12.6875% | 14.5000% | 11.6000% | 10.0000% | 2.9000% |
| 6 | 13.0000% | 13.1950% | 15.0000% | 12.0000% | 10.4000% | 3.0160% |
| 7 | 13.5000% | 12.0150% | 15.5000% | 12.4000% | 10.8000% | 3.1320% |
| 8 | 14.0000% | 12.4600% | 16.0000% | 12.8000% | 11.2000% | 3.2480% |
| 9 | 14.5000% | 12.9050% | 16.5000% | 13.2000% | 11.6000% | 3.3640% |
| 10 | 15.0000% | 13.3500% | 17.0000% | 13.6000% | 12.0000% | 3.4800% |
| 11 | 15.5000% | 13.7950% | 17.5000% | 14.0000% | 12.4000% | 3.5960% |
| 12 | 16.0000% | 14.2400% | 18.0000% | 14.4000% | 12.8000% | 3.7120% |
| 13 | 16.5000% | 14.6850% | 18.5000% | 14.8000% | 13.2000% | 3.8280% |
| 14 | 17.0000% | 15.1300% | 19.0000% | 15.2000% | 13.6000% | 6.0520% |
| 15 | 17.5000% | 15.5750% | 19.5000% | 15.6000% | 14.0000% | 6.2300% |
| 16 | 18.0000% | 16.0200% | 20.0000% | 16.0000% | 14.4000% | 6.4080% |
| 17 | 18.5000% | 14.0600% | 20.5000% | 16.4000% | 14.8000% | 6.5860% |
| 18 | 19.0000% | 14.4400% | 21.0000% | 16.8000% | 15.2000% | 6.7640% |
| 19 | 19.5000% | 14.8200% | 21.5000% | 17.2000% | 15.6000% | 6.9420% |
| 20 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 21 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 22 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 23 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 24 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 25 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 26 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 27 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 28 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 29 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 30 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 31 | 20.0000% | 15.2000% | 22.0000% | 17.6000% | 16.0000% | 7.1200% |
| 32 | 20.0000% | 15.2000% | 22.4496% | 17.9596% | 10.0000% | 4.4500% |
| 33 | 20.0000% | 15.2000% | 22.8143% | 18.2515% | 10.0000% | 4.4500% |
| 34 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 35 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 36 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 37 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 38 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 39 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 40 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 41 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 42 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 43 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 44 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 45 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 46 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 47 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 48 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 49 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |
| 50 | 20.0000% | 15.2000% | 24.0000% | 19.2000% | 10.0000% | 4.4500% |

* Hay Group recommends use of these assumptions for all employees (Tier I - IV)

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
CORRECTIONS**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 5.9174% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 6.4153% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 6.9553% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 7.9798% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 9.0163% |
| 42 | 0.1386% | 0.0732% | 88 | 13.3230% | 10.0046% |
| 43 | 0.1656% | 0.0806% | 89 | 14.6796% | 11.0593% |
| 44 | 0.1963% | 0.0885% | 90 | 16.1774% | 12.0536% |
| 45 | 0.2337% | 0.0957% | 91 | 17.8319% | 13.4634% |
| 46 | 0.2728% | 0.1050% | 92 | 19.5506% | 14.8518% |
| 47 | 0.3188% | 0.1162% | 93 | 21.1124% | 16.3376% |
| 48 | 0.3658% | 0.1308% | 94 | 22.6686% | 17.7226% |
| 49 | 0.4202% | 0.1483% | 95 | 24.3740% | 19.2316% |
| 50 | 0.4745% | 0.1701% | 96 | 26.3173% | 20.8837% |
| 51 | 0.5328% | 0.1984% | 97 | 28.2576% | 22.6940% |
| 52 | 0.5821% | 0.2319% | 98 | 30.4332% | 24.4572% |
| 53 | 0.6369% | 0.2708% | 99 | 32.3332% | 26.3755% |
| 54 | 0.6878% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.7381% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.7930% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.8486% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.9049% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.9559% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 1.0070% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.4959% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
CORRECTIONS**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 5.3256% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 5.7737% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 6.3549% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 7.4018% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 8.4903% |
| 42 | 0.1192% | 0.0584% | 88 | 12.3580% | 9.4208% |
| 43 | 0.1402% | 0.0642% | 89 | 13.6163% | 10.5720% |
| 44 | 0.1638% | 0.0705% | 90 | 15.2335% | 11.5225% |
| 45 | 0.1921% | 0.0751% | 91 | 16.7914% | 12.8701% |
| 46 | 0.2208% | 0.0812% | 92 | 18.6890% | 14.1974% |
| 47 | 0.2541% | 0.0885% | 93 | 20.1820% | 15.8542% |
| 48 | 0.2872% | 0.0996% | 94 | 21.6697% | 17.1983% |
| 49 | 0.3249% | 0.1129% | 95 | 23.6529% | 18.6627% |
| 50 | 0.3613% | 0.1315% | 96 | 25.5388% | 20.2659% |
| 51 | 0.3996% | 0.1558% | 97 | 27.4217% | 22.3559% |
| 52 | 0.4299% | 0.1877% | 98 | 29.9799% | 24.0929% |
| 53 | 0.4704% | 0.2259% | 99 | 31.8515% | 25.9826% |
| 54 | 0.5080% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.5535% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.6039% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6562% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7104% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.7505% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7906% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2108% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
CORRECTIONS**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.7434% | 1.4593% | 65 | 3.1007% | 2.3826% |
| 20 | 0.7586% | 1.4666% | 66 | 3.2615% | 2.4635% |
| 21 | 0.7776% | 1.4740% | 67 | 3.4352% | 2.5571% |
| 22 | 0.7970% | 1.4813% | 68 | 3.6232% | 2.6646% |
| 23 | 0.8169% | 1.4886% | 69 | 3.8269% | 2.7882% |
| 24 | 0.8374% | 1.4960% | 70 | 4.0485% | 2.9296% |
| 25 | 0.8583% | 1.5033% | 71 | 4.2902% | 3.0913% |
| 26 | 0.8797% | 1.5106% | 72 | 4.5541% | 3.2754% |
| 27 | 0.9016% | 1.5180% | 73 | 4.8422% | 3.4841% |
| 28 | 0.9241% | 1.5253% | 74 | 5.1556% | 3.7188% |
| 29 | 0.9471% | 1.5326% | 75 | 5.4960% | 3.9815% |
| 30 | 0.9706% | 1.5400% | 76 | 5.8914% | 4.2742% |
| 31 | 0.9947% | 1.5473% | 77 | 6.3202% | 4.5985% |
| 32 | 1.0194% | 1.5546% | 78 | 6.7836% | 4.9553% |
| 33 | 1.0447% | 1.5620% | 79 | 7.2835% | 5.3472% |
| 34 | 1.0706% | 1.5693% | 80 | 7.8225% | 5.7758% |
| 35 | 1.0971% | 1.5766% | 81 | 8.6016% | 6.1984% |
| 36 | 1.1243% | 1.5840% | 82 | 9.3807% | 6.6544% |
| 37 | 1.1521% | 1.5913% | 83 | 10.1598% | 7.1503% |
| 38 | 1.1805% | 1.5986% | 84 | 10.9389% | 7.6899% |
| 39 | 1.2097% | 1.6060% | 85 | 11.7180% | 8.2776% |
| 40 | 1.2395% | 1.6133% | 86 | 12.9381% | 8.9180% |
| 41 | 1.2648% | 1.6206% | 87 | 14.1582% | 9.6168% |
| 42 | 1.2906% | 1.6280% | 88 | 15.3783% | 10.5651% |
| 43 | 1.3170% | 1.6353% | 89 | 16.5984% | 11.6088% |
| 44 | 1.3438% | 1.6426% | 90 | 17.8185% | 12.6525% |
| 45 | 1.3713% | 1.6500% | 91 | 19.6407% | 14.1323% |
| 46 | 1.3818% | 1.6573% | 92 | 21.4045% | 15.5897% |
| 47 | 1.3921% | 1.6646% | 93 | 23.1144% | 17.0464% |
| 48 | 1.4235% | 1.6719% | 94 | 24.8183% | 18.4915% |
| 49 | 1.4548% | 1.6793% | 95 | 26.5253% | 20.0660% |
| 50 | 1.4860% | 1.6866% | 96 | 28.2293% | 21.7898% |
| 51 | 1.5612% | 1.7278% | 97 | 29.9296% | 23.5367% |
| 52 | 1.6390% | 1.7693% | 98 | 31.6513% | 25.3655% |
| 53 | 1.7210% | 1.8111% | 99 | 33.4235% | 27.3549% |
| 54 | 1.8058% | 1.8532% | 100 | 35.2792% | 29.5187% |
| 55 | 1.8932% | 1.8956% | 101 | 37.4703% | 32.5225% |
| 56 | 1.9923% | 1.9383% | 102 | 39.7764% | 35.8897% |
| 57 | 2.0950% | 1.9812% | 103 | 43.5427% | 39.5843% |
| 58 | 2.2019% | 2.0245% | 104 | 48.2196% | 43.8360% |
| 59 | 2.3131% | 2.0681% | 105 | 53.6598% | 48.7816% |
| 60 | 2.4290% | 2.1119% | 106 | 60.0475% | 54.5886% |
| 61 | 2.5500% | 2.1528% | 107 | 67.5740% | 61.4309% |
| 62 | 2.6769% | 2.1991% | 108 | 76.4374% | 69.4885% |
| 63 | 2.8101% | 2.2520% | 109 | 86.8421% | 78.9474% |
| 64 | 2.9508% | 2.3127% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0891% | 0.1827% | 65 | 2.1392% | 1.8634% |
| 20 | 0.1313% | 0.2674% | 66 | 2.2994% | 1.9942% |
| 21 | 0.1744% | 0.3510% | 67 | 2.5400% | 2.0940% |
| 22 | 0.2182% | 0.4363% | 68 | 2.7866% | 2.1821% |
| 23 | 0.2639% | 0.5247% | 69 | 3.0414% | 2.3095% |
| 24 | 0.3109% | 0.6143% | 70 | 3.2668% | 2.4266% |
| 25 | 0.3611% | 0.6381% | 71 | 3.4618% | 2.5452% |
| 26 | 0.4155% | 0.6661% | 72 | 3.6747% | 2.6967% |
| 27 | 0.4638% | 0.6863% | 73 | 3.9072% | 2.8837% |
| 28 | 0.5097% | 0.7065% | 74 | 4.1601% | 3.0779% |
| 29 | 0.5556% | 0.7268% | 75 | 4.4619% | 3.2755% |
| 30 | 0.5694% | 0.7562% | 76 | 4.7828% | 3.5163% |
| 31 | 0.5727% | 0.7861% | 77 | 5.1623% | 3.8488% |
| 32 | 0.5760% | 0.8069% | 78 | 5.5745% | 4.1474% |
| 33 | 0.5793% | 0.8225% | 79 | 6.2120% | 4.4755% |
| 34 | 0.5826% | 0.8381% | 80 | 6.8492% | 4.9684% |
| 35 | 0.5859% | 0.8533% | 81 | 7.5771% | 5.3319% |
| 36 | 0.5892% | 0.8685% | 82 | 8.3136% | 5.7243% |
| 37 | 0.5925% | 0.8834% | 83 | 9.0040% | 6.1508% |
| 38 | 0.6139% | 0.8979% | 84 | 9.7533% | 6.6150% |
| 39 | 0.6350% | 0.9124% | 85 | 10.4479% | 7.3573% |
| 40 | 0.6558% | 0.9322% | 86 | 11.5358% | 8.4769% |
| 41 | 0.6763% | 0.9521% | 87 | 12.7001% | 9.1963% |
| 42 | 0.6966% | 0.9578% | 88 | 13.8781% | 10.1031% |
| 43 | 0.7165% | 0.9634% | 89 | 14.9792% | 11.1683% |
| 44 | 0.7363% | 0.9691% | 90 | 16.1774% | 12.0536% |
| 45 | 0.7558% | 0.9853% | 91 | 17.8319% | 13.4634% |
| 46 | 0.7749% | 1.0105% | 92 | 19.5506% | 14.8518% |
| 47 | 0.7938% | 1.0300% | 93 | 21.1124% | 16.3376% |
| 48 | 0.8124% | 1.0329% | 94 | 22.6686% | 17.9142% |
| 49 | 0.8309% | 1.0358% | 95 | 24.3740% | 19.2316% |
| 50 | 0.8489% | 1.0451% | 96 | 27.5739% | 20.8837% |
| 51 | 0.8669% | 1.0662% | 97 | 29.2348% | 22.6940% |
| 52 | 0.8844% | 1.0940% | 98 | 31.1029% | 24.4572% |
| 53 | 0.9074% | 1.1225% | 99 | 32.8444% | 26.3755% |
| 54 | 0.9521% | 1.1514% | 100 | 34.6680% | 28.4617% |
| 55 | 1.0043% | 1.1809% | 101 | 37.0428% | 31.5468% |
| 56 | 1.0634% | 1.2109% | 102 | 39.3226% | 34.8130% |
| 57 | 1.1251% | 1.2339% | 103 | 40.4947% | 38.3968% |
| 58 | 1.1897% | 1.2496% | 104 | 44.8442% | 42.5209% |
| 59 | 1.2498% | 1.2653% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3534% | 1.3915% | 106 | 55.8442% | 52.9509% |
| 61 | 1.4728% | 1.5197% | 107 | 80.7632% | 59.5880% |
| 62 | 1.5916% | 1.6559% | 108 | 92.000% | 83.0000% |
| 63 | 1.7290% | 1.8017% | 109 | 100.000% | 95.0000% |
| 64 | 2.0899% | 1.8140% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
CORRECTIONS**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.6914% | 1.4155% | 65 | 2.8837% | 2.3111% |
| 20 | 0.7055% | 1.4226% | 66 | 3.0332% | 2.3896% |
| 21 | 0.7232% | 1.4298% | 67 | 3.1947% | 2.4804% |
| 22 | 0.7412% | 1.4369% | 68 | 3.3696% | 2.5847% |
| 23 | 0.7597% | 1.4439% | 69 | 3.5590% | 2.7046% |
| 24 | 0.7788% | 1.4511% | 70 | 3.7651% | 2.8417% |
| 25 | 0.7982% | 1.4582% | 71 | 3.9899% | 2.9986% |
| 26 | 0.8181% | 1.4653% | 72 | 4.2353% | 3.1771% |
| 27 | 0.8385% | 1.4725% | 73 | 4.5032% | 3.3796% |
| 28 | 0.8594% | 1.4795% | 74 | 4.7947% | 3.6072% |
| 29 | 0.8808% | 1.4866% | 75 | 5.1113% | 3.8621% |
| 30 | 0.9027% | 1.4938% | 76 | 5.4790% | 4.1460% |
| 31 | 0.9251% | 1.5009% | 77 | 5.8778% | 4.4605% |
| 32 | 0.9480% | 1.5080% | 78 | 6.3087% | 4.8066% |
| 33 | 0.9716% | 1.5151% | 79 | 6.7737% | 5.1868% |
| 34 | 0.9957% | 1.5222% | 80 | 7.2749% | 5.6025% |
| 35 | 1.0203% | 1.5293% | 81 | 7.9995% | 6.0124% |
| 36 | 1.0456% | 1.5365% | 82 | 8.7241% | 6.4548% |
| 37 | 1.0715% | 1.5436% | 83 | 9.4486% | 6.9358% |
| 38 | 1.0979% | 1.5506% | 84 | 10.1732% | 7.4592% |
| 39 | 1.1250% | 1.5578% | 85 | 10.8977% | 8.0293% |
| 40 | 1.1527% | 1.5649% | 86 | 12.0324% | 8.6505% |
| 41 | 1.1763% | 1.5720% | 87 | 13.1671% | 9.3283% |
| 42 | 1.2003% | 1.5792% | 88 | 14.3018% | 10.2481% |
| 43 | 1.2248% | 1.5862% | 89 | 15.4365% | 11.2605% |
| 44 | 1.2497% | 1.5933% | 90 | 16.5712% | 12.2729% |
| 45 | 1.2753% | 1.6005% | 91 | 18.2659% | 13.7083% |
| 46 | 1.2851% | 1.6076% | 92 | 19.9062% | 15.1220% |
| 47 | 1.2947% | 1.6147% | 93 | 21.4964% | 16.5350% |
| 48 | 1.3239% | 1.6217% | 94 | 23.0810% | 17.9368% |
| 49 | 1.3530% | 1.6289% | 95 | 24.6685% | 19.4640% |
| 50 | 1.3820% | 1.6360% | 96 | 26.2532% | 21.1361% |
| 51 | 1.4519% | 1.6760% | 97 | 27.8345% | 22.8306% |
| 52 | 1.5243% | 1.7162% | 98 | 29.4357% | 24.6045% |
| 53 | 1.6005% | 1.7568% | 99 | 31.0839% | 26.5343% |
| 54 | 1.6794% | 1.7976% | 100 | 32.8097% | 28.6331% |
| 55 | 1.7607% | 1.8387% | 101 | 34.8474% | 31.5468% |
| 56 | 1.8528% | 1.8802% | 102 | 36.9921% | 34.8130% |
| 57 | 1.9484% | 1.9218% | 103 | 40.4947% | 38.3968% |
| 58 | 2.0478% | 1.9638% | 104 | 44.8442% | 42.5209% |
| 59 | 2.1512% | 2.0061% | 105 | 49.9036% | 47.3182% |
| 60 | 2.2590% | 2.0485% | 106 | 55.8442% | 52.9509% |
| 61 | 2.3715% | 2.0882% | 107 | 62.8438% | 59.5880% |
| 62 | 2.4895% | 2.1331% | 108 | 71.0868% | 67.4038% |
| 63 | 2.6134% | 2.1844% | 109 | 80.7632% | 76.5790% |
| 64 | 2.7442% | 2.2433% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0668% | 0.1456% | 65 | 1.7314% | 1.7284% |
| 20 | 0.0985% | 0.2100% | 66 | 1.8896% | 1.8497% |
| 21 | 0.1328% | 0.2714% | 67 | 2.0873% | 1.9423% |
| 22 | 0.1687% | 0.3374% | 68 | 2.2555% | 2.0240% |
| 23 | 0.2104% | 0.4119% | 69 | 2.4616% | 2.1423% |
| 24 | 0.2555% | 0.4897% | 70 | 2.6041% | 2.2508% |
| 25 | 0.3105% | 0.5164% | 71 | 2.7596% | 2.3255% |
| 26 | 0.3797% | 0.5557% | 72 | 2.9293% | 2.4639% |
| 27 | 0.4302% | 0.5727% | 73 | 3.1146% | 2.5953% |
| 28 | 0.4728% | 0.5895% | 74 | 3.3162% | 2.7701% |
| 29 | 0.5153% | 0.6064% | 75 | 3.6114% | 2.9037% |
| 30 | 0.5281% | 0.6504% | 76 | 3.8712% | 3.1172% |
| 31 | 0.5312% | 0.6969% | 77 | 4.2423% | 3.4639% |
| 32 | 0.5343% | 0.7153% | 78 | 4.6511% | 3.7326% |
| 33 | 0.5374% | 0.7182% | 79 | 5.2623% | 4.0279% |
| 34 | 0.5404% | 0.7208% | 80 | 5.8907% | 4.4715% |
| 35 | 0.5435% | 0.7229% | 81 | 6.6162% | 4.7987% |
| 36 | 0.5465% | 0.7246% | 82 | 7.3700% | 5.1518% |
| 37 | 0.5496% | 0.7259% | 83 | 7.9820% | 5.5357% |
| 38 | 0.5609% | 0.7268% | 84 | 8.7779% | 5.9534% |
| 39 | 0.5715% | 0.7273% | 85 | 9.4031% | 6.7223% |
| 40 | 0.5814% | 0.7431% | 86 | 10.3821% | 7.8629% |
| 41 | 0.5905% | 0.7590% | 87 | 11.6039% | 8.6598% |
| 42 | 0.5991% | 0.7635% | 88 | 12.8729% | 9.5136% |
| 43 | 0.6070% | 0.7680% | 89 | 13.8942% | 10.6761% |
| 44 | 0.6143% | 0.7725% | 90 | 15.2335% | 11.5225% |
| 45 | 0.6211% | 0.7735% | 91 | 16.7914% | 12.8701% |
| 46 | 0.6272% | 0.7813% | 92 | 18.6890% | 14.1974% |
| 47 | 0.6328% | 0.7844% | 93 | 20.1820% | 15.8542% |
| 48 | 0.6379% | 0.7865% | 94 | 21.6697% | 17.3842% |
| 49 | 0.6424% | 0.7888% | 95 | 23.6529% | 18.6627% |
| 50 | 0.6465% | 0.8081% | 96 | 26.7582% | 20.2659% |
| 51 | 0.6501% | 0.8370% | 97 | 28.3699% | 22.3559% |
| 52 | 0.6532% | 0.8855% | 98 | 30.6396% | 24.0929% |
| 53 | 0.6702% | 0.9366% | 99 | 32.3552% | 25.9826% |
| 54 | 0.7032% | 0.9903% | 100 | 34.1516% | 28.0378% |
| 55 | 0.7532% | 1.0469% | 101 | 37.0428% | 31.5468% |
| 56 | 0.8097% | 1.1064% | 102 | 39.3226% | 34.8130% |
| 57 | 0.8699% | 1.1446% | 103 | 40.4947% | 38.3968% |
| 58 | 0.9340% | 1.1591% | 104 | 44.8442% | 42.5209% |
| 59 | 0.9812% | 1.1737% | 105 | 49.9036% | 47.3182% |
| 60 | 1.0626% | 1.2907% | 106 | 55.8442% | 52.9509% |
| 61 | 1.1741% | 1.4097% | 107 | 80.7632% | 59.5880% |
| 62 | 1.2687% | 1.5360% | 108 | 92.000% | 83.0000% |
| 63 | 1.3994% | 1.6712% | 109 | 100.000% | 95.0000% |
| 64 | 1.6915% | 1.6826% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Males | | Females | |
|------------------|----------|-------------|----------|-------------|
| | Current | Recommended | Current | Recommended |
| | | | | |
| 0 | 10.0000% | 2.4000% | 10.0000% | 2.4000% |
| 1 | 7.0000% | 1.6800% | 7.0000% | 1.6800% |
| 2 | 5.4000% | 1.2960% | 5.4000% | 1.2960% |
| 3 | 4.6000% | 0.5980% | 4.6000% | 0.5980% |
| 4 | 4.2000% | 0.5460% | 4.2000% | 0.5460% |
| 5 | 4.0000% | 0.5200% | 4.0000% | 0.5200% |
| 6 | 3.8000% | 0.4940% | 3.8000% | 0.4940% |
| 7 | 3.6000% | 0.4680% | 3.6000% | 0.4680% |
| 8 | 3.4000% | 0.4420% | 3.4000% | 0.4420% |
| 9 | 3.2000% | 0.4160% | 3.2000% | 0.4160% |
| 10 | 3.0000% | 0.3900% | 3.0000% | 0.3900% |
| 11 | 2.9000% | 0.3770% | 2.9000% | 0.3770% |
| 12 | 2.8000% | 0.3640% | 2.8000% | 0.3640% |
| 13 | 2.7000% | 0.3510% | 2.7000% | 0.3510% |
| 14 | 2.6000% | 0.3380% | 2.6000% | 0.3380% |
| 15 | 2.5000% | 0.3250% | 2.5000% | 0.3250% |
| 16 | 2.4000% | 0.3120% | 2.4000% | 0.3120% |
| 17 | 2.3000% | 0.2990% | 2.3000% | 0.2990% |
| 18 | 2.2000% | 0.2860% | 2.2000% | 0.2860% |
| 19 | 2.1000% | 0.2730% | 2.1000% | 0.2730% |
| 20 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 21 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 22 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 23 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 24 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 25 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 26 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 27 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 28 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 29 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 30 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 31 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 32 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 33 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 34 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 35 | 2.0000% | 0.2600% | 2.0000% | 0.2600% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table D - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 30.0000% | 59.1000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 39 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 40 | 32.0000% | 63.0400% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 41 | 34.0000% | 66.9800% | 11.0000% | 14.7400% | 6.0000% | 7.2000% | 0.0000% | 0.0000% |
| 42 | 36.0000% | 70.9200% | 12.0000% | 16.0800% | 7.0000% | 8.4000% | 0.0000% | 0.0000% |
| 43 | 38.0000% | 74.8600% | 13.0000% | 17.4200% | 8.0000% | 9.6000% | 0.0000% | 0.0000% |
| 44 | 40.0000% | 78.8000% | 14.0000% | 18.7600% | 9.0000% | 10.8000% | 0.0000% | 0.0000% |
| 45 | 40.0000% | 78.8000% | 15.0000% | 20.1000% | 10.0000% | 12.0000% | 0.0000% | 0.0000% |
| 46 | 40.0000% | 78.8000% | 16.0000% | 21.4400% | 11.0000% | 13.2000% | 0.0000% | 0.0000% |
| 47 | 40.0000% | 78.8000% | 17.0000% | 22.7800% | 12.0000% | 14.4000% | 0.0000% | 0.0000% |
| 48 | 40.0000% | 78.8000% | 18.0000% | 36.7200% | 13.0000% | 15.6000% | 0.0000% | 0.0000% |
| 49 | 40.0000% | 78.8000% | 19.0000% | 38.7600% | 14.0000% | 18.0600% | 0.0000% | 0.0000% |
| 50 | 40.0000% | 70.4000% | 20.0000% | 40.8000% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 51 | 40.0000% | 70.4000% | 21.0000% | 42.8400% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 52 | 40.0000% | 70.4000% | 22.0000% | 44.8800% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 53 | 40.0000% | 70.4000% | 23.0000% | 46.9200% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 54 | 40.0000% | 70.4000% | 24.0000% | 48.9600% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 55 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 56 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 57 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 58 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 3.0000% | 3.0000% |
| 59 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 4.0000% | 4.0000% |
| 60 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 20.0000% | 6.0000% | 5.0000% | 5.0000% |
| 61 | 40.0000% | 70.4000% | 30.0000% | 61.2000% | 30.0000% | 9.0000% | 6.0000% | 6.0000% |
| 62 | 40.0000% | 70.4000% | 40.0000% | 81.6000% | 40.0000% | 12.0000% | 0.0000% | 0.0000% |
| 63 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 64 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 65 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 66 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 67 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 68 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 69 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 30.0000% | 59.1000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 39 | 30.0000% | 59.1000% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 40 | 32.0000% | 63.0400% | 10.0000% | 13.4000% | 5.0000% | 6.0000% | 0.0000% | 0.0000% |
| 41 | 34.0000% | 66.9800% | 11.0000% | 14.7400% | 6.0000% | 7.2000% | 0.0000% | 0.0000% |
| 42 | 36.0000% | 70.9200% | 12.0000% | 16.0800% | 7.0000% | 8.4000% | 0.0000% | 0.0000% |
| 43 | 38.0000% | 74.8600% | 13.0000% | 17.4200% | 8.0000% | 9.6000% | 0.0000% | 0.0000% |
| 44 | 40.0000% | 78.8000% | 14.0000% | 18.7600% | 9.0000% | 10.8000% | 0.0000% | 0.0000% |
| 45 | 40.0000% | 78.8000% | 15.0000% | 20.1000% | 10.0000% | 12.0000% | 0.0000% | 0.0000% |
| 46 | 40.0000% | 78.8000% | 16.0000% | 21.4400% | 11.0000% | 13.2000% | 0.0000% | 0.0000% |
| 47 | 40.0000% | 78.8000% | 17.0000% | 22.7800% | 12.0000% | 14.4000% | 0.0000% | 0.0000% |
| 48 | 40.0000% | 78.8000% | 18.0000% | 36.7200% | 13.0000% | 15.6000% | 0.0000% | 0.0000% |
| 49 | 40.0000% | 78.8000% | 19.0000% | 38.7600% | 14.0000% | 18.0600% | 0.0000% | 0.0000% |
| 50 | 40.0000% | 70.4000% | 20.0000% | 40.8000% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 51 | 40.0000% | 70.4000% | 21.0000% | 42.8400% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 52 | 40.0000% | 70.4000% | 22.0000% | 44.8800% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 53 | 40.0000% | 70.4000% | 23.0000% | 46.9200% | 15.0000% | 19.3500% | 2.0000% | 2.0000% |
| 54 | 40.0000% | 70.4000% | 24.0000% | 48.9600% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 55 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 56 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 57 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 2.0000% | 2.0000% |
| 58 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 3.0000% | 3.0000% |
| 59 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 15.0000% | 4.5000% | 4.0000% | 4.0000% |
| 60 | 40.0000% | 70.4000% | 25.0000% | 51.0000% | 20.0000% | 6.0000% | 5.0000% | 5.0000% |
| 61 | 40.0000% | 70.4000% | 30.0000% | 61.2000% | 30.0000% | 9.0000% | 6.0000% | 6.0000% |
| 62 | 40.0000% | 70.4000% | 40.0000% | 81.6000% | 40.0000% | 12.0000% | 0.0000% | 0.0000% |
| 63 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 64 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 65 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 66 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 67 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 68 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 69 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|--|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 60.0000% | 76.2000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 39 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 68.4000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 30.0000% | 22.5000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 68.4000% | 60.0000% | 20.5200% | 60.0000% | 45.0000% | 0.0000% | 0.0000% |
| 63 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 64 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 65 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 66 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 67 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 68 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 69 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 60.0000% | 76.2000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 39 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 76.2000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 68.4000% | 40.0000% | 18.1600% | 20.0000% | 18.4000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 51 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 52 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 53 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 54 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 55 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 56 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 57 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 2.0000% | 2.0000% |
| 58 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 3.0000% | 3.0000% |
| 59 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 4.0000% | 4.0000% |
| 60 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 20.0000% | 15.0000% | 5.0000% | 5.0000% |
| 61 | 60.0000% | 68.4000% | 40.0000% | 13.6800% | 30.0000% | 22.5000% | 6.0000% | 6.0000% |
| 62 | 60.0000% | 68.4000% | 60.0000% | 20.5200% | 60.0000% | 45.0000% | 0.0000% | 0.0000% |
| 63 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 64 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 65 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 66 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 67 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 68 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 69 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table G

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 10.0000% | 9.5000% | 13.0000% | 13.0000% |
| 1 | 9.0000% | 8.5500% | 12.0000% | 12.0500% |
| 2 | 8.0000% | 7.6000% | 11.0000% | 11.1000% |
| 3 | 7.0000% | 6.6500% | 10.0000% | 10.1500% |
| 4 | 38.0000% | 36.1000% | 41.0000% | 39.6000% |
| 5 | 0.5000% | 0.4750% | 3.5000% | 3.9750% |
| 6 | 1.0000% | 0.9500% | 4.0000% | 4.4500% |
| 7 | 1.5000% | 1.4250% | 4.5000% | 4.9250% |
| 8 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 9 | 3.0000% | 0.0000% | 6.0000% | 3.5000% |
| 10 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 11 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 12 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 13 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 14 | 3.0000% | 0.0000% | 6.0000% | 3.5000% |
| 15 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 16 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 17 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 18 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 19 | 3.0000% | 0.4800% | 6.0000% | 3.9800% |
| 20 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 21 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 22 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 23 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 24 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 25 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 26 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 27 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 28 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 29 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 30 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 31 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 32 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 33 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 34 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 35 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 36 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 37 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 38 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 39 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 40 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 41 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 42 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 43 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 44 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 45 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 46 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 47 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 48 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 49 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |
| 50 | 2.0000% | 0.3200% | 5.0000% | 3.8200% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table H

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - CORRECTIONS

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|--------------|--------------------------------------|--------------|
| | Current | Recommended | Current | Recommended* | Current | Recommended* |
| 0 | 6.0000% | 8.1600% | 8.0000% | 8.0000% | 4.8000% | 2.2560% |
| 1 | 6.3000% | 8.5680% | 8.3000% | 8.3000% | 5.0400% | 2.3688% |
| 2 | 6.6000% | 8.9760% | 8.6000% | 8.6000% | 5.2800% | 2.4816% |
| 3 | 6.9000% | 9.3840% | 8.9000% | 8.9000% | 5.5200% | 2.5944% |
| 4 | 7.2000% | 9.7920% | 9.2000% | 9.2000% | 5.7600% | 2.7072% |
| 5 | 7.5000% | 10.2000% | 9.5000% | 9.5000% | 6.0000% | 2.8200% |
| 6 | 7.8000% | 10.6080% | 9.8000% | 9.8000% | 6.2400% | 2.9328% |
| 7 | 8.1000% | 11.0160% | 10.1000% | 10.1000% | 6.4800% | 3.0456% |
| 8 | 8.4000% | 11.4240% | 10.4000% | 7.8520% | 6.7200% | 3.1584% |
| 9 | 8.7000% | 8.7000% | 10.7000% | 8.0785% | 6.9600% | 3.2712% |
| 10 | 9.0000% | 9.0000% | 11.0000% | 8.3050% | 7.2000% | 3.3840% |
| 11 | 9.3000% | 9.3000% | 11.3000% | 8.5315% | 7.4400% | 3.4968% |
| 12 | 9.6000% | 9.6000% | 11.6000% | 8.7580% | 7.6800% | 3.6096% |
| 13 | 9.9000% | 9.9000% | 11.9000% | 8.9845% | 7.9200% | 3.7224% |
| 14 | 10.2000% | 10.2000% | 12.2000% | 9.2110% | 8.1600% | 3.8352% |
| 15 | 10.5000% | 10.5000% | 12.5000% | 9.4375% | 8.4000% | 3.9480% |
| 16 | 10.8000% | 10.8000% | 12.8000% | 9.6640% | 8.6400% | 4.0608% |
| 17 | 11.1000% | 13.4310% | 13.1000% | 9.8905% | 8.8800% | 4.1736% |
| 18 | 11.4000% | 13.7940% | 13.4000% | 10.1170% | 9.1200% | 4.2864% |
| 19 | 11.7000% | 14.1570% | 13.7000% | 10.3435% | 9.3600% | 4.3992% |
| 20 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 21 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 22 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 23 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 24 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 25 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 26 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 27 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 28 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 29 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 30 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 31 | 12.0000% | 14.5200% | 14.0000% | 10.5700% | 9.6000% | 4.5120% |
| 32 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 9.6000% | 4.5120% |
| 33 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 34 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 35 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 36 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 37 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 38 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 39 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 40 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 41 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 42 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 43 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 44 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 45 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 46 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 47 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 48 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 49 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |
| 50 | 12.0000% | 14.5200% | 16.0000% | 12.0800% | 6.0000% | 5.7000% |

* Hay Group recommends use of these assumptions for all employees (Tier I - IV)

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TBTA**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 5.9174% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 6.4153% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 6.9553% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 7.9798% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 9.0163% |
| 42 | 0.1386% | 0.0732% | 88 | 13.3230% | 10.0046% |
| 43 | 0.1656% | 0.0806% | 89 | 14.6796% | 11.0593% |
| 44 | 0.1963% | 0.0885% | 90 | 16.1774% | 12.0536% |
| 45 | 0.2337% | 0.0957% | 91 | 17.8319% | 13.4634% |
| 46 | 0.2728% | 0.1050% | 92 | 19.5506% | 14.8518% |
| 47 | 0.3188% | 0.1162% | 93 | 21.1124% | 16.3376% |
| 48 | 0.3658% | 0.1308% | 94 | 22.6686% | 17.7226% |
| 49 | 0.4202% | 0.1483% | 95 | 24.3740% | 19.2316% |
| 50 | 0.4745% | 0.1701% | 96 | 26.3173% | 20.8837% |
| 51 | 0.5328% | 0.1984% | 97 | 28.2576% | 22.6940% |
| 52 | 0.5821% | 0.2319% | 98 | 30.4332% | 24.4572% |
| 53 | 0.6369% | 0.2708% | 99 | 32.3332% | 26.3755% |
| 54 | 0.6878% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.7381% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.7930% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.8486% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.9049% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.9559% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 1.0070% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.4959% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TBTA**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 5.3256% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 5.7737% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 6.3549% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 7.4018% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 8.4903% |
| 42 | 0.1192% | 0.0584% | 88 | 12.3580% | 9.4208% |
| 43 | 0.1402% | 0.0642% | 89 | 13.6163% | 10.5720% |
| 44 | 0.1638% | 0.0705% | 90 | 15.2335% | 11.5225% |
| 45 | 0.1921% | 0.0751% | 91 | 16.7914% | 12.8701% |
| 46 | 0.2208% | 0.0812% | 92 | 18.6890% | 14.1974% |
| 47 | 0.2541% | 0.0885% | 93 | 20.1820% | 15.8542% |
| 48 | 0.2872% | 0.0996% | 94 | 21.6697% | 17.1983% |
| 49 | 0.3249% | 0.1129% | 95 | 23.6529% | 18.6627% |
| 50 | 0.3613% | 0.1315% | 96 | 25.5388% | 20.2659% |
| 51 | 0.3996% | 0.1558% | 97 | 27.4217% | 22.3559% |
| 52 | 0.4299% | 0.1877% | 98 | 29.9799% | 24.0929% |
| 53 | 0.4704% | 0.2259% | 99 | 31.8515% | 25.9826% |
| 54 | 0.5080% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.5535% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.6039% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6562% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7104% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.7505% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7906% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2108% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TBTA**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.4868% | 2.9185% | 65 | 4.7703% | 3.6656% |
| 20 | 1.5171% | 2.9332% | 66 | 4.9416% | 3.7326% |
| 21 | 1.5551% | 2.9479% | 67 | 5.1271% | 3.8165% |
| 22 | 1.5940% | 2.9625% | 68 | 5.3282% | 3.9186% |
| 23 | 1.6338% | 2.9772% | 69 | 5.5462% | 4.0408% |
| 24 | 1.6747% | 2.9919% | 70 | 5.7836% | 4.1852% |
| 25 | 1.7165% | 3.0065% | 71 | 6.0425% | 4.3539% |
| 26 | 1.7593% | 3.0212% | 72 | 6.3252% | 4.5492% |
| 27 | 1.8032% | 3.0359% | 73 | 6.6331% | 4.7727% |
| 28 | 1.8481% | 3.0505% | 74 | 6.9670% | 5.0254% |
| 29 | 1.8941% | 3.0652% | 75 | 7.3280% | 5.3087% |
| 30 | 1.9411% | 3.0799% | 76 | 7.7518% | 5.6240% |
| 31 | 1.9894% | 3.0945% | 77 | 8.2080% | 5.9721% |
| 32 | 2.0387% | 3.1092% | 78 | 8.6969% | 6.3530% |
| 33 | 2.0893% | 3.1239% | 79 | 9.2196% | 6.7686% |
| 34 | 2.1411% | 3.1385% | 80 | 9.7769% | 7.2198% |
| 35 | 2.1942% | 3.1532% | 81 | 10.3691% | 7.6524% |
| 36 | 2.2485% | 3.1679% | 82 | 10.9966% | 8.1151% |
| 37 | 2.3041% | 3.1825% | 83 | 11.6644% | 8.6148% |
| 38 | 2.3610% | 3.1972% | 84 | 12.3756% | 9.1546% |
| 39 | 2.4193% | 3.2119% | 85 | 13.1331% | 9.7383% |
| 40 | 2.4790% | 3.2265% | 86 | 14.0005% | 10.3698% |
| 41 | 2.5296% | 3.2412% | 87 | 14.9277% | 11.0538% |
| 42 | 2.5812% | 3.2559% | 88 | 15.9188% | 11.7950% |
| 43 | 2.6339% | 3.2705% | 89 | 16.9788% | 12.5989% |
| 44 | 2.6876% | 3.2852% | 90 | 18.1123% | 13.4715% |
| 45 | 2.7425% | 3.2999% | 91 | 19.6407% | 14.3136% |
| 46 | 2.7635% | 3.3145% | 92 | 21.4045% | 15.5897% |
| 47 | 2.7842% | 3.3292% | 93 | 23.1144% | 17.0464% |
| 48 | 2.8470% | 3.3438% | 94 | 24.8183% | 18.4915% |
| 49 | 2.9095% | 3.3585% | 95 | 26.5253% | 20.0660% |
| 50 | 2.9719% | 3.3732% | 96 | 28.2293% | 21.7898% |
| 51 | 3.0611% | 3.3878% | 97 | 29.9296% | 23.5367% |
| 52 | 3.1519% | 3.4025% | 98 | 31.6513% | 25.3655% |
| 53 | 3.2472% | 3.4172% | 99 | 33.4235% | 27.3549% |
| 54 | 3.3441% | 3.4318% | 100 | 35.2792% | 29.5187% |
| 55 | 3.4421% | 3.4465% | 101 | 37.4703% | 32.5225% |
| 56 | 3.5576% | 3.4612% | 102 | 39.7764% | 35.8897% |
| 57 | 3.6755% | 3.4758% | 103 | 43.5427% | 39.5843% |
| 58 | 3.7963% | 3.4905% | 104 | 48.2196% | 43.8360% |
| 59 | 3.9205% | 3.5052% | 105 | 53.6598% | 48.7816% |
| 60 | 4.0483% | 3.5198% | 106 | 60.0475% | 54.5886% |
| 61 | 4.1804% | 3.5291% | 107 | 67.5740% | 61.4309% |
| 62 | 4.3176% | 3.5469% | 108 | 76.4374% | 69.4885% |
| 63 | 4.4605% | 3.5746% | 109 | 86.8421% | 78.9474% |
| 64 | 4.6107% | 3.6136% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0547% | 0.0318% | 65 | 3.7504% | 2.8972% |
| 20 | 0.1500% | 0.1248% | 66 | 3.9004% | 2.9727% |
| 21 | 0.2467% | 0.2166% | 67 | 4.0276% | 3.0482% |
| 22 | 0.3447% | 0.3093% | 68 | 4.1296% | 3.1237% |
| 23 | 0.4464% | 0.4044% | 69 | 4.2560% | 3.1992% |
| 24 | 0.5507% | 0.5006% | 70 | 4.3557% | 3.2746% |
| 25 | 0.6615% | 0.5980% | 71 | 4.4813% | 3.3300% |
| 26 | 0.7807% | 0.7008% | 72 | 4.6070% | 3.4050% |
| 27 | 0.8892% | 0.7963% | 73 | 4.7326% | 3.9946% |
| 28 | 0.9929% | 0.8918% | 74 | 4.9708% | 4.2061% |
| 29 | 1.0965% | 0.9873% | 75 | 5.2603% | 4.4164% |
| 30 | 1.2003% | 1.0960% | 76 | 5.8295% | 4.6788% |
| 31 | 1.3039% | 1.2072% | 77 | 6.4925% | 4.9984% |
| 32 | 1.4076% | 1.3051% | 78 | 7.2220% | 5.3173% |
| 33 | 1.5114% | 1.3944% | 79 | 7.8632% | 5.6651% |
| 34 | 1.6150% | 1.4826% | 80 | 8.5604% | 6.0427% |
| 35 | 1.7187% | 1.5698% | 81 | 9.1341% | 6.4048% |
| 36 | 1.8225% | 1.6557% | 82 | 9.7456% | 6.7921% |
| 37 | 1.9261% | 1.7406% | 83 | 10.3375% | 7.2104% |
| 38 | 2.0176% | 1.8244% | 84 | 11.0343% | 7.6622% |
| 39 | 2.1079% | 1.9071% | 85 | 11.7097% | 8.2001% |
| 40 | 2.1970% | 2.0009% | 86 | 12.4831% | 9.0774% |
| 41 | 2.2314% | 2.0242% | 87 | 13.3905% | 10.0487% |
| 42 | 2.3015% | 2.0475% | 88 | 14.3659% | 11.0576% |
| 43 | 2.3384% | 2.0708% | 89 | 15.3225% | 12.0026% |
| 44 | 2.3758% | 2.0941% | 90 | 16.4442% | 12.8339% |
| 45 | 2.4138% | 2.1818% | 91 | 17.8319% | 13.6362% |
| 46 | 2.4524% | 2.2167% | 92 | 19.5506% | 14.8518% |
| 47 | 2.4917% | 2.2521% | 93 | 21.1124% | 16.3376% |
| 48 | 2.5315% | 2.2653% | 94 | 22.6686% | 17.9142% |
| 49 | 2.5720% | 2.2784% | 95 | 24.3740% | 19.2316% |
| 50 | 2.6132% | 2.3055% | 96 | 26.5805% | 20.8837% |
| 51 | 2.6550% | 2.3328% | 97 | 28.5402% | 22.6940% |
| 52 | 2.6975% | 2.3749% | 98 | 30.7376% | 24.4572% |
| 53 | 2.7681% | 2.4175% | 99 | 32.6565% | 26.3755% |
| 54 | 2.8670% | 2.4607% | 100 | 34.4537% | 28.4617% |
| 55 | 2.9623% | 2.5046% | 101 | 36.2214% | 31.5468% |
| 56 | 3.0589% | 2.5492% | 102 | 37.5402% | 34.8130% |
| 57 | 3.1070% | 2.5788% | 103 | 40.4947% | 38.3968% |
| 58 | 3.1984% | 2.5929% | 104 | 44.8442% | 42.5209% |
| 59 | 3.2708% | 2.6071% | 105 | 49.9036% | 47.3182% |
| 60 | 3.3432% | 2.6213% | 106 | 55.8442% | 52.9509% |
| 61 | 3.4364% | 2.6461% | 107 | 80.7632% | 59.5880% |
| 62 | 3.5092% | 2.6709% | 108 | 92.000% | 83.0000% |
| 63 | 3.6040% | 2.7463% | 109 | 100.000% | 95.0000% |
| 64 | 3.6772% | 2.8218% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
TBTA**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.3827% | 2.8309% | 65 | 4.4364% | 3.5556% |
| 20 | 1.4109% | 2.8452% | 66 | 4.5957% | 3.6206% |
| 21 | 1.4462% | 2.8595% | 67 | 4.7682% | 3.7020% |
| 22 | 1.4824% | 2.8736% | 68 | 4.9552% | 3.8010% |
| 23 | 1.5194% | 2.8879% | 69 | 5.1580% | 3.9196% |
| 24 | 1.5575% | 2.9021% | 70 | 5.3787% | 4.0596% |
| 25 | 1.5963% | 2.9163% | 71 | 5.6195% | 4.2233% |
| 26 | 1.6361% | 2.9306% | 72 | 5.8824% | 4.4127% |
| 27 | 1.6770% | 2.9448% | 73 | 6.1688% | 4.6295% |
| 28 | 1.7187% | 2.9590% | 74 | 6.4793% | 4.8746% |
| 29 | 1.7615% | 2.9732% | 75 | 6.8150% | 5.1494% |
| 30 | 1.8052% | 2.9875% | 76 | 7.2092% | 5.4553% |
| 31 | 1.8501% | 3.0017% | 77 | 7.6334% | 5.7929% |
| 32 | 1.8960% | 3.0159% | 78 | 8.0881% | 6.1624% |
| 33 | 1.9430% | 3.0302% | 79 | 8.5742% | 6.5655% |
| 34 | 1.9912% | 3.0443% | 80 | 9.0925% | 7.0032% |
| 35 | 2.0406% | 3.0586% | 81 | 9.6433% | 7.4228% |
| 36 | 2.0911% | 3.0729% | 82 | 10.2268% | 7.8716% |
| 37 | 2.1428% | 3.0870% | 83 | 10.8479% | 8.3564% |
| 38 | 2.1957% | 3.1013% | 84 | 11.5093% | 8.8800% |
| 39 | 2.2499% | 3.1155% | 85 | 12.2138% | 9.4462% |
| 40 | 2.3055% | 3.1297% | 86 | 13.0205% | 10.0587% |
| 41 | 2.3525% | 3.1440% | 87 | 13.8828% | 10.7222% |
| 42 | 2.4005% | 3.1582% | 88 | 14.8045% | 11.4412% |
| 43 | 2.4495% | 3.1724% | 89 | 15.7903% | 12.2209% |
| 44 | 2.4995% | 3.1866% | 90 | 16.8444% | 13.0674% |
| 45 | 2.5505% | 3.2009% | 91 | 18.2659% | 13.8842% |
| 46 | 2.5701% | 3.2151% | 92 | 19.9062% | 15.1220% |
| 47 | 2.5893% | 3.2293% | 93 | 21.4964% | 16.5350% |
| 48 | 2.6477% | 3.2435% | 94 | 23.0810% | 17.9368% |
| 49 | 2.7058% | 3.2577% | 95 | 24.6685% | 19.4640% |
| 50 | 2.7639% | 3.2720% | 96 | 26.2532% | 21.1361% |
| 51 | 2.8468% | 3.2862% | 97 | 27.8345% | 22.8306% |
| 52 | 2.9313% | 3.3004% | 98 | 29.4357% | 24.6045% |
| 53 | 3.0199% | 3.3147% | 99 | 31.0839% | 26.5343% |
| 54 | 3.1100% | 3.3288% | 100 | 32.8097% | 28.6331% |
| 55 | 3.2012% | 3.3431% | 101 | 34.8474% | 31.5468% |
| 56 | 3.3086% | 3.3574% | 102 | 36.9921% | 34.8130% |
| 57 | 3.4182% | 3.3715% | 103 | 40.4947% | 38.3968% |
| 58 | 3.5306% | 3.3858% | 104 | 44.8442% | 42.5209% |
| 59 | 3.6461% | 3.4000% | 105 | 49.9036% | 47.3182% |
| 60 | 3.7649% | 3.4142% | 106 | 55.8442% | 52.9509% |
| 61 | 3.8878% | 3.4232% | 107 | 62.8438% | 59.5880% |
| 62 | 4.0154% | 3.4405% | 108 | 71.0868% | 67.4038% |
| 63 | 4.1483% | 3.4674% | 109 | 80.7632% | 76.5790% |
| 64 | 4.2880% | 3.5052% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0410% | 0.0253% | 65 | 3.0355% | 2.6874% |
| 20 | 0.1125% | 0.0980% | 66 | 3.2053% | 2.7574% |
| 21 | 0.1879% | 0.1675% | 67 | 3.3098% | 2.8274% |
| 22 | 0.2665% | 0.2391% | 68 | 3.3424% | 2.8975% |
| 23 | 0.3559% | 0.3175% | 69 | 3.4447% | 2.9675% |
| 24 | 0.4526% | 0.3990% | 70 | 3.4722% | 3.0374% |
| 25 | 0.5689% | 0.4840% | 71 | 3.5723% | 3.0425% |
| 26 | 0.7133% | 0.5848% | 72 | 3.6725% | 3.1111% |
| 27 | 0.8248% | 0.6644% | 73 | 3.7726% | 3.5951% |
| 28 | 0.9210% | 0.7441% | 74 | 3.9625% | 3.7854% |
| 29 | 1.0171% | 0.8238% | 75 | 4.2576% | 3.9151% |
| 30 | 1.1133% | 0.9426% | 76 | 4.7183% | 4.1477% |
| 31 | 1.2094% | 1.0702% | 77 | 5.3354% | 4.4986% |
| 32 | 1.3057% | 1.1569% | 78 | 6.0258% | 4.7855% |
| 33 | 1.4019% | 1.2175% | 79 | 6.6610% | 5.0985% |
| 34 | 1.4980% | 1.2752% | 80 | 7.3625% | 5.4384% |
| 35 | 1.5942% | 1.3298% | 81 | 7.9758% | 5.7643% |
| 36 | 1.6905% | 1.3815% | 82 | 8.6394% | 6.1128% |
| 37 | 1.7866% | 1.4304% | 83 | 9.1641% | 6.4893% |
| 38 | 1.8435% | 1.4767% | 84 | 9.9308% | 6.8959% |
| 39 | 1.8971% | 1.5202% | 85 | 10.5387% | 7.4923% |
| 40 | 1.9476% | 1.5950% | 86 | 11.2347% | 8.4199% |
| 41 | 1.9484% | 1.6136% | 87 | 12.2346% | 9.4624% |
| 42 | 1.9795% | 1.6322% | 88 | 13.3253% | 10.4124% |
| 43 | 1.9809% | 1.6508% | 89 | 14.2127% | 11.4736% |
| 44 | 1.9823% | 1.6693% | 90 | 15.4847% | 12.2684% |
| 45 | 1.9836% | 1.7129% | 91 | 16.7914% | 13.0352% |
| 46 | 1.9849% | 1.7140% | 92 | 18.6890% | 14.1974% |
| 47 | 1.9862% | 1.7150% | 93 | 20.1820% | 15.8542% |
| 48 | 1.9875% | 1.7250% | 94 | 21.6697% | 17.3842% |
| 49 | 1.9887% | 1.7350% | 95 | 23.6529% | 18.6627% |
| 50 | 1.9899% | 1.7826% | 96 | 25.7942% | 20.2659% |
| 51 | 1.9911% | 1.8315% | 97 | 27.6959% | 22.3559% |
| 52 | 1.9923% | 1.9222% | 98 | 30.2797% | 24.0929% |
| 53 | 2.0444% | 2.0171% | 99 | 32.1701% | 25.9826% |
| 54 | 2.1175% | 2.1164% | 100 | 33.9405% | 28.0378% |
| 55 | 2.2216% | 2.2203% | 101 | 36.2214% | 31.5468% |
| 56 | 2.3294% | 2.3291% | 102 | 37.5402% | 34.8130% |
| 57 | 2.4024% | 2.3920% | 103 | 40.4947% | 38.3968% |
| 58 | 2.5111% | 2.4051% | 104 | 44.8442% | 42.5209% |
| 59 | 2.5679% | 2.4183% | 105 | 49.9036% | 47.3182% |
| 60 | 2.6247% | 2.4314% | 106 | 55.8442% | 52.9509% |
| 61 | 2.7394% | 2.4544% | 107 | 80.7632% | 59.5880% |
| 62 | 2.7974% | 2.4774% | 108 | 92.000% | 83.0000% |
| 63 | 2.9170% | 2.5474% | 109 | 100.000% | 95.0000% |
| 64 | 2.9763% | 2.6175% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|---------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 5.0000% | 0.5500% | 5.0000% | 0.5500% |
| 1 | 4.4000% | 0.4840% | 4.4000% | 0.4840% |
| 2 | 3.9000% | 0.4290% | 3.9000% | 0.4290% |
| 3 | 3.5000% | 0.3850% | 3.5000% | 0.3850% |
| 4 | 3.2000% | 0.9920% | 3.2000% | 0.9920% |
| 5 | 3.0000% | 0.9300% | 3.0000% | 0.9300% |
| 6 | 2.9000% | 0.8990% | 2.9000% | 0.8990% |
| 7 | 2.8000% | 0.8680% | 2.8000% | 0.8680% |
| 8 | 2.7000% | 0.8370% | 2.7000% | 0.8370% |
| 9 | 2.6000% | 0.8060% | 2.6000% | 0.8060% |
| 10 | 2.5000% | 0.7750% | 2.5000% | 0.7750% |
| 11 | 2.4000% | 0.7440% | 2.4000% | 0.7440% |
| 12 | 2.3000% | 0.7130% | 2.3000% | 0.7130% |
| 13 | 2.2000% | 0.6820% | 2.2000% | 0.6820% |
| 14 | 2.1000% | 0.6510% | 2.1000% | 0.6510% |
| 15 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 16 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 17 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 18 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 19 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 20 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 21 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 22 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 23 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 24 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 25 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 26 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 27 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 28 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 29 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 30 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 31 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 32 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 33 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 34 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 35 | 2.0000% | 0.6200% | 2.0000% | 0.6200% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table D - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 30.0000% | 48.9000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 43 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 44 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 45 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 46 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 47 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 48 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 49 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 50 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 51 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 52 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 53 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 54 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 55 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 56 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 57 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 58 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 37.0370% | 3.0000% | 0.9317% |
| 59 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 2.6749% | 4.0000% | 1.2422% |
| 60 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 20.0000% | 5.3498% | 5.0000% | 1.5528% |
| 61 | 30.0000% | 15.0000% | 30.0000% | 12.5436% | 30.0000% | 8.0247% | 6.0000% | 1.8634% |
| 62 | 60.0000% | 30.0000% | 60.0000% | 25.0871% | 60.0000% | 16.0494% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 30.0000% | 60.0000% | 25.0871% | 60.0000% | 16.0494% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 41.8118% | 100.0000% | 26.7490% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 30.0000% | 48.9000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 43 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 44 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 45 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 46 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 47 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 48 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 49 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 50 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 51 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 52 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 53 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 54 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 0.0000% | 0.0000% |
| 55 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 56 | 30.0000% | 48.9000% | 20.0000% | 25.9259% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 57 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 37.0370% | 2.0000% | 3.2500% |
| 58 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 37.0370% | 3.0000% | 0.9317% |
| 59 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 10.0000% | 2.6749% | 4.0000% | 1.2422% |
| 60 | 30.0000% | 15.0000% | 20.0000% | 8.3624% | 20.0000% | 5.3498% | 5.0000% | 1.5528% |
| 61 | 30.0000% | 15.0000% | 30.0000% | 12.5436% | 30.0000% | 8.0247% | 6.0000% | 1.8634% |
| 62 | 60.0000% | 30.0000% | 60.0000% | 25.0871% | 60.0000% | 16.0494% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 30.0000% | 60.0000% | 25.0871% | 60.0000% | 16.0494% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 20.0000% | 40.0000% | 16.7247% | 40.0000% | 10.6996% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 41.8118% | 100.0000% | 26.7490% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|--|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 60.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 51.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 51.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 30.0000% | 26.1000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 72.6000% | 60.0000% | 72.6000% | 60.0000% | 52.2000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 72.6000% | 60.0000% | 72.6000% | 60.0000% | 52.2000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | |
|-----|--|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 60.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 60.0000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 51.6000% | 40.0000% | 20.0000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 51.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 51.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 27.2000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 20.0000% | 17.4000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 72.6000% | 40.0000% | 48.4000% | 30.0000% | 26.1000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 72.6000% | 60.0000% | 72.6000% | 60.0000% | 52.2000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 72.6000% | 60.0000% | 72.6000% | 60.0000% | 52.2000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 48.4000% | 40.0000% | 48.4000% | 40.0000% | 34.8000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table G

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 7.5000% | 4.8750% | 10.5000% | 8.3750% |
| 1 | 7.0000% | 4.5500% | 10.0000% | 8.0500% |
| 2 | 6.5000% | 4.2250% | 9.5000% | 7.7250% |
| 3 | 6.0000% | 3.9000% | 9.0000% | 7.4000% |
| 4 | 13.0000% | 8.4500% | 16.0000% | 11.9500% |
| 5 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 6 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 7 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 8 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 9 | 2.0000% | 2.8800% | 5.0000% | 6.3800% |
| 10 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 11 | 1.0000% | 1.4400% | 4.0000% | 4.9400% |
| 12 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 13 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 14 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 15 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 16 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 17 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 18 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 19 | 2.0000% | 0.0000% | 5.0000% | 3.5000% |
| 20 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 21 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 22 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 23 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 24 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 25 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 26 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 27 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 28 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 29 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 30 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 31 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 32 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 33 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 34 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 35 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 36 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 37 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 38 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 39 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 40 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 41 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 42 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 43 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 44 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 45 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 46 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 47 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 48 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 49 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |
| 50 | 1.0000% | 0.0000% | 4.0000% | 3.5000% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table H

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - TBTA

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|--------------|--------------------------------------|--------------|
| | Current | Recommended | Current | Recommended* | Current | Recommended* |
| 0 | 0.0000% | 0.0000% | 2.0000% | 0.7800% | 0.0000% | 0.0000% |
| 1 | 1.0000% | 2.7026% | 3.0000% | 1.1700% | 0.8000% | 0.8000% |
| 2 | 2.0000% | 5.4052% | 4.0000% | 1.5600% | 1.6000% | 1.6000% |
| 3 | 3.0000% | 8.1078% | 5.0000% | 1.9500% | 2.4000% | 2.4000% |
| 4 | 4.0000% | 10.8104% | 6.0000% | 2.3400% | 3.2000% | 3.2000% |
| 5 | 5.0000% | 13.5131% | 7.0000% | 2.7300% | 4.0000% | 4.0000% |
| 6 | 6.0000% | 16.2157% | 8.0000% | 3.1200% | 4.8000% | 4.8000% |
| 7 | 7.0000% | 18.9183% | 9.0000% | 3.5100% | 5.6000% | 5.6000% |
| 8 | 8.0000% | 21.6209% | 10.0000% | 3.9000% | 6.4000% | 6.4000% |
| 9 | 9.0000% | 24.3235% | 11.0000% | 4.2900% | 7.2000% | 7.2000% |
| 10 | 10.0000% | 27.0261% | 12.0000% | 4.6800% | 8.0000% | 8.0000% |
| 11 | 11.0000% | 29.7287% | 13.0000% | 5.0700% | 8.8000% | 8.8000% |
| 12 | 12.0000% | 32.4313% | 14.0000% | 5.4600% | 9.6000% | 9.6000% |
| 13 | 13.0000% | 35.1339% | 15.0000% | 5.8500% | 10.4000% | 10.4000% |
| 14 | 14.0000% | 37.8366% | 16.0000% | 6.2400% | 11.2000% | 11.2000% |
| 15 | 15.0000% | 40.5392% | 17.0000% | 6.6300% | 12.0000% | 12.0000% |
| 16 | 16.0000% | 43.2418% | 18.0000% | 7.0200% | 12.8000% | 12.8000% |
| 17 | 17.0000% | 45.9444% | 19.0000% | 7.4100% | 13.6000% | 13.6000% |
| 18 | 18.0000% | 48.6470% | 20.0000% | 7.8000% | 14.4000% | 14.4000% |
| 19 | 19.0000% | 51.3496% | 21.0000% | 8.1900% | 15.2000% | 15.2000% |
| 20 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 21 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 22 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 23 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 24 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 25 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 26 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 27 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 28 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 29 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 30 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 31 | 20.0000% | 54.0522% | 22.0000% | 8.5800% | 16.0000% | 16.0000% |
| 32 | 20.0000% | 54.0522% | 23.4077% | 9.0700% | 10.0000% | 10.0000% |
| 33 | 20.0000% | 54.0522% | 22.8981% | 8.6600% | 10.0000% | 10.0000% |
| 34 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 35 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 36 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 37 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 38 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 39 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 40 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 41 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 42 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 43 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 44 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 45 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 46 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 47 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 48 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 49 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |
| 50 | 20.0000% | 54.0522% | 24.0000% | 9.1500% | 10.0000% | 10.0000% |

* Hay Group recommends use of these assumptions for all employees (Tier I - IV)

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - HP TP

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
HP TP**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0188% | 65 | 1.6021% | 1.2009% |
| 20 | 0.0377% | 0.0198% | 66 | 1.6985% | 1.3133% |
| 21 | 0.0392% | 0.0211% | 67 | 1.7949% | 1.4410% |
| 22 | 0.0408% | 0.0223% | 68 | 2.0171% | 1.5791% |
| 23 | 0.0424% | 0.0236% | 69 | 2.2393% | 1.6886% |
| 24 | 0.0444% | 0.0251% | 70 | 2.4615% | 1.7955% |
| 25 | 0.0464% | 0.0266% | 71 | 2.6836% | 2.0139% |
| 26 | 0.0488% | 0.0281% | 72 | 2.9058% | 2.2323% |
| 27 | 0.0513% | 0.0298% | 73 | 3.1707% | 2.4507% |
| 28 | 0.0542% | 0.0317% | 74 | 3.4356% | 2.6691% |
| 29 | 0.0572% | 0.0336% | 75 | 3.7005% | 2.8875% |
| 30 | 0.0607% | 0.0359% | 76 | 3.9654% | 3.2613% |
| 31 | 0.0645% | 0.0382% | 77 | 4.2303% | 3.6351% |
| 32 | 0.0687% | 0.0407% | 78 | 4.6839% | 4.0089% |
| 33 | 0.0734% | 0.0435% | 79 | 5.1374% | 4.3827% |
| 34 | 0.0785% | 0.0465% | 80 | 5.5909% | 4.7565% |
| 35 | 0.0860% | 0.0500% | 81 | 6.0445% | 5.2920% |
| 36 | 0.0907% | 0.0527% | 82 | 6.4980% | 5.8275% |
| 37 | 0.0966% | 0.0563% | 83 | 7.3449% | 6.3630% |
| 38 | 0.1039% | 0.0602% | 84 | 8.1918% | 6.8985% |
| 39 | 0.1128% | 0.0648% | 85 | 9.0387% | 7.4340% |
| 40 | 0.1238% | 0.0698% | 86 | 9.8855% | 8.4777% |
| 41 | 0.1413% | 0.0759% | 87 | 10.7324% | 9.5214% |
| 42 | 0.1588% | 0.0842% | 88 | 12.0976% | 10.5651% |
| 43 | 0.1763% | 0.0945% | 89 | 13.4628% | 11.6088% |
| 44 | 0.1939% | 0.1071% | 90 | 14.8279% | 12.6525% |
| 45 | 0.2114% | 0.1222% | 91 | 16.2745% | 14.1323% |
| 46 | 0.2289% | 0.1397% | 92 | 17.7071% | 15.5897% |
| 47 | 0.2464% | 0.1593% | 93 | 19.1300% | 17.0464% |
| 48 | 0.2639% | 0.1806% | 94 | 20.5890% | 18.4915% |
| 49 | 0.2814% | 0.2034% | 95 | 22.0925% | 20.0660% |
| 50 | 0.2990% | 0.2273% | 96 | 23.8377% | 21.7898% |
| 51 | 0.3954% | 0.2563% | 97 | 25.5920% | 23.5367% |
| 52 | 0.4918% | 0.2874% | 98 | 27.3795% | 25.3655% |
| 53 | 0.5882% | 0.3209% | 99 | 29.5004% | 27.3549% |
| 54 | 0.6846% | 0.3570% | 100 | 32.4706% | 29.5187% |
| 55 | 0.7420% | 0.3959% | 101 | 35.7748% | 32.5225% |
| 56 | 0.8176% | 0.4554% | 102 | 39.4787% | 35.8897% |
| 57 | 0.8932% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 0.9688% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.0444% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.1200% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.2164% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.3128% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 1.4093% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 1.5057% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - HP TP

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.3607% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.4515% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.5927% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 1.7720% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 1.9133% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.0656% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.2685% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.5145% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.6508% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 2.8304% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 2.8936% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.2348% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 3.5896% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 3.9397% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 4.2860% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 4.6510% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 5.4982% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 6.1386% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 7.0860% | 5.9174% |
| 38 | 0.0908% | 0.0519% | 84 | 8.1466% | 6.4153% |
| 39 | 0.0952% | 0.0557% | 85 | 9.1917% | 6.9553% |
| 40 | 0.0996% | 0.0607% | 86 | 10.3936% | 7.9798% |
| 41 | 0.1063% | 0.0665% | 87 | 11.8550% | 9.0163% |
| 42 | 0.1157% | 0.0732% | 88 | 13.6417% | 10.0046% |
| 43 | 0.1274% | 0.0806% | 89 | 15.4605% | 11.0593% |
| 44 | 0.1414% | 0.0885% | 90 | 17.6202% | 12.0536% |
| 45 | 0.1570% | 0.0957% | 91 | 19.1921% | 13.4634% |
| 46 | 0.1735% | 0.1050% | 92 | 21.0194% | 14.8518% |
| 47 | 0.1913% | 0.1162% | 93 | 22.6746% | 16.3376% |
| 48 | 0.2099% | 0.1308% | 94 | 24.3273% | 17.7226% |
| 49 | 0.2293% | 0.1483% | 95 | 26.2189% | 19.2316% |
| 50 | 0.4278% | 0.1701% | 96 | 27.8278% | 20.8837% |
| 51 | 0.4547% | 0.1984% | 97 | 29.3909% | 22.6940% |
| 52 | 0.4689% | 0.2319% | 98 | 31.2157% | 24.4572% |
| 53 | 0.4857% | 0.2708% | 99 | 32.6920% | 26.3755% |
| 54 | 0.4900% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.4974% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.5473% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6459% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7399% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.8532% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 0.9512% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.0304% | 0.8767% | 107 | 55.000% | 49.0000% |
| 62 | 1.1057% | 0.9408% | 108 | 70.000% | 66.0000% |
| 63 | 1.1757% | 1.0157% | 109 | 85.000% | 83.000% |
| 64 | 1.2684% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
HP TP**

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0339% | 0.0182% | 65 | 1.4900% | 1.1649% |
| 20 | 0.0351% | 0.0192% | 66 | 1.5796% | 1.2739% |
| 21 | 0.0365% | 0.0205% | 67 | 1.6693% | 1.3978% |
| 22 | 0.0379% | 0.0216% | 68 | 1.8759% | 1.5317% |
| 23 | 0.0394% | 0.0229% | 69 | 2.0825% | 1.6379% |
| 24 | 0.0413% | 0.0243% | 70 | 2.2892% | 1.7416% |
| 25 | 0.0432% | 0.0258% | 71 | 2.4957% | 1.9535% |
| 26 | 0.0454% | 0.0273% | 72 | 2.7024% | 2.1653% |
| 27 | 0.0477% | 0.0289% | 73 | 2.9488% | 2.3772% |
| 28 | 0.0504% | 0.0307% | 74 | 3.1951% | 2.5890% |
| 29 | 0.0532% | 0.0326% | 75 | 3.4415% | 2.8009% |
| 30 | 0.0565% | 0.0348% | 76 | 3.6878% | 3.1635% |
| 31 | 0.0600% | 0.0371% | 77 | 3.9342% | 3.5260% |
| 32 | 0.0639% | 0.0395% | 78 | 4.3560% | 3.8886% |
| 33 | 0.0683% | 0.0422% | 79 | 4.7778% | 4.2512% |
| 34 | 0.0730% | 0.0451% | 80 | 5.1995% | 4.6138% |
| 35 | 0.0800% | 0.0485% | 81 | 5.6214% | 5.1332% |
| 36 | 0.0844% | 0.0511% | 82 | 6.0431% | 5.6527% |
| 37 | 0.0898% | 0.0546% | 83 | 6.8308% | 6.1721% |
| 38 | 0.0966% | 0.0584% | 84 | 7.6184% | 6.6915% |
| 39 | 0.1049% | 0.0629% | 85 | 8.4060% | 7.2110% |
| 40 | 0.1151% | 0.0677% | 86 | 9.1935% | 8.2234% |
| 41 | 0.1314% | 0.0736% | 87 | 9.9811% | 9.2358% |
| 42 | 0.1477% | 0.0817% | 88 | 11.2508% | 10.2481% |
| 43 | 0.1640% | 0.0917% | 89 | 12.5204% | 11.2605% |
| 44 | 0.1803% | 0.1039% | 90 | 13.7899% | 12.2729% |
| 45 | 0.1966% | 0.1185% | 91 | 15.1353% | 13.7083% |
| 46 | 0.2129% | 0.1355% | 92 | 16.4676% | 15.1220% |
| 47 | 0.2292% | 0.1545% | 93 | 17.7909% | 16.5350% |
| 48 | 0.2454% | 0.1752% | 94 | 19.1478% | 17.9368% |
| 49 | 0.2617% | 0.1973% | 95 | 20.5460% | 19.4640% |
| 50 | 0.2781% | 0.2205% | 96 | 22.1691% | 21.1361% |
| 51 | 0.3677% | 0.2486% | 97 | 23.8006% | 22.8306% |
| 52 | 0.4574% | 0.2788% | 98 | 25.4629% | 24.6045% |
| 53 | 0.5470% | 0.3113% | 99 | 27.4354% | 26.5343% |
| 54 | 0.6367% | 0.3463% | 100 | 30.1977% | 28.6331% |
| 55 | 0.6901% | 0.3840% | 101 | 33.2706% | 31.5468% |
| 56 | 0.7604% | 0.4417% | 102 | 36.7152% | 34.8130% |
| 57 | 0.8307% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 0.9010% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 0.9713% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.0416% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.1313% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.2209% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.3106% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 1.4003% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - HP TP

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.1014% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.1928% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.3088% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.4342% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.5486% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.6466% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.8083% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.0044% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.1131% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.2563% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.3420% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 2.6182% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 2.9499% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 3.2872% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 3.6307% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 4.0002% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 4.8009% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 5.4418% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 6.2816% | 5.3256% |
| 38 | 0.0829% | 0.0420% | 84 | 7.3319% | 5.7737% |
| 39 | 0.0857% | 0.0444% | 85 | 8.2725% | 6.3549% |
| 40 | 0.0883% | 0.0484% | 86 | 9.3542% | 7.4018% |
| 41 | 0.0929% | 0.0530% | 87 | 10.8317% | 8.4903% |
| 42 | 0.0995% | 0.0584% | 88 | 12.6536% | 9.4208% |
| 43 | 0.1080% | 0.0642% | 89 | 14.3407% | 10.5720% |
| 44 | 0.1180% | 0.0705% | 90 | 16.5921% | 11.5225% |
| 45 | 0.1290% | 0.0751% | 91 | 18.0722% | 12.8701% |
| 46 | 0.1404% | 0.0812% | 92 | 20.0931% | 14.1974% |
| 47 | 0.1525% | 0.0885% | 93 | 21.6754% | 15.8542% |
| 48 | 0.1648% | 0.0996% | 94 | 23.2553% | 17.1983% |
| 49 | 0.1773% | 0.1129% | 95 | 25.4433% | 18.6627% |
| 50 | 0.3258% | 0.1315% | 96 | 27.0045% | 20.2659% |
| 51 | 0.3410% | 0.1558% | 97 | 28.5214% | 22.3559% |
| 52 | 0.3463% | 0.1877% | 98 | 30.7507% | 24.0929% |
| 53 | 0.3587% | 0.2259% | 99 | 32.2050% | 25.9826% |
| 54 | 0.3619% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.3730% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.4167% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.4994% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.5809% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.6698% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7468% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.8214% | 0.8132% | 107 | 55.000% | 49.0000% |
| 62 | 0.8814% | 0.8727% | 108 | 70.000% | 66.0000% |
| 63 | 0.9516% | 0.9421% | 109 | 85.000% | 83.000% |
| 64 | 1.0267% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
HP TP**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0392% | 0.0211% | 65 | 1.7949% | 1.4410% |
| 20 | 0.0408% | 0.0223% | 66 | 2.0171% | 1.5791% |
| 21 | 0.0424% | 0.0236% | 67 | 2.2393% | 1.6886% |
| 22 | 0.0444% | 0.0251% | 68 | 2.4615% | 1.7955% |
| 23 | 0.0464% | 0.0266% | 69 | 2.6836% | 2.0139% |
| 24 | 0.0488% | 0.0281% | 70 | 2.9058% | 2.2323% |
| 25 | 0.0513% | 0.0298% | 71 | 3.1707% | 2.4507% |
| 26 | 0.0542% | 0.0317% | 72 | 3.4356% | 2.6691% |
| 27 | 0.0572% | 0.0336% | 73 | 3.7005% | 2.8875% |
| 28 | 0.0607% | 0.0359% | 74 | 3.9654% | 3.2613% |
| 29 | 0.0645% | 0.0382% | 75 | 4.2303% | 3.6351% |
| 30 | 0.0687% | 0.0407% | 76 | 4.6839% | 4.0089% |
| 31 | 0.0734% | 0.0435% | 77 | 5.1374% | 4.3827% |
| 32 | 0.0785% | 0.0465% | 78 | 5.5909% | 4.7565% |
| 33 | 0.0860% | 0.0500% | 79 | 6.0445% | 5.2920% |
| 34 | 0.0907% | 0.0527% | 80 | 6.4980% | 5.8275% |
| 35 | 0.0966% | 0.0563% | 81 | 7.3449% | 6.3630% |
| 36 | 0.1039% | 0.0602% | 82 | 8.1918% | 6.8985% |
| 37 | 0.1128% | 0.0648% | 83 | 9.0387% | 7.4340% |
| 38 | 0.1238% | 0.0698% | 84 | 9.8855% | 8.4777% |
| 39 | 0.1413% | 0.0759% | 85 | 10.7324% | 9.5214% |
| 40 | 0.1588% | 0.0842% | 86 | 12.0976% | 10.5651% |
| 41 | 0.1763% | 0.0945% | 87 | 13.4628% | 11.6088% |
| 42 | 0.1939% | 0.1071% | 88 | 14.8279% | 12.6525% |
| 43 | 0.2114% | 0.1222% | 89 | 16.2745% | 14.1323% |
| 44 | 0.2289% | 0.1397% | 90 | 17.7071% | 15.5897% |
| 45 | 0.2464% | 0.1593% | 91 | 19.1300% | 17.0464% |
| 46 | 0.2639% | 0.1806% | 92 | 20.5890% | 18.4915% |
| 47 | 0.2814% | 0.2034% | 93 | 22.0925% | 20.0660% |
| 48 | 0.2990% | 0.2273% | 94 | 23.8377% | 21.7898% |
| 49 | 0.3954% | 0.2563% | 95 | 25.5920% | 23.5367% |
| 50 | 0.4918% | 0.2874% | 96 | 27.3795% | 25.3655% |
| 51 | 0.5882% | 0.3209% | 97 | 29.5004% | 27.3549% |
| 52 | 0.6846% | 0.3570% | 98 | 32.4706% | 29.5187% |
| 53 | 0.7420% | 0.3959% | 99 | 35.7748% | 32.5225% |
| 54 | 0.8176% | 0.4554% | 100 | 39.4787% | 35.8897% |
| 55 | 0.8932% | 0.5196% | 101 | 43.5427% | 39.5843% |
| 56 | 0.9688% | 0.5881% | 102 | 48.2196% | 43.8360% |
| 57 | 1.0444% | 0.6605% | 103 | 53.6598% | 48.7816% |
| 58 | 1.1200% | 0.7364% | 104 | 60.0475% | 54.5886% |
| 59 | 1.2164% | 0.8317% | 105 | 67.5740% | 61.4309% |
| 60 | 1.3128% | 0.9170% | 106 | 76.4374% | 69.4885% |
| 61 | 1.4093% | 1.0038% | 107 | 86.8421% | 78.9474% |
| 62 | 1.5057% | 1.0984% | 108 | 100.0000% | 100.0000% |
| 63 | 1.6021% | 1.2009% | 109 | 100.0000% | 100.0000% |
| 64 | 1.6985% | 1.3133% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - HP TP

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0325% | 0.0187% | 65 | 1.3743% | 1.1874% |
| 20 | 0.0338% | 0.0196% | 66 | 1.7343% | 1.2782% |
| 21 | 0.0353% | 0.0207% | 67 | 1.9253% | 1.4110% |
| 22 | 0.0373% | 0.0219% | 68 | 2.1035% | 1.5462% |
| 23 | 0.0395% | 0.0234% | 69 | 2.4079% | 1.6695% |
| 24 | 0.0420% | 0.0249% | 70 | 2.7149% | 1.8070% |
| 25 | 0.0449% | 0.0266% | 71 | 2.9625% | 1.9719% |
| 26 | 0.0486% | 0.0286% | 72 | 3.0162% | 2.1938% |
| 27 | 0.0516% | 0.0303% | 73 | 3.0699% | 2.3479% |
| 28 | 0.0548% | 0.0324% | 74 | 3.1235% | 2.6083% |
| 29 | 0.0582% | 0.0345% | 75 | 3.1966% | 2.8897% |
| 30 | 0.0620% | 0.0372% | 76 | 3.5254% | 3.1869% |
| 31 | 0.0663% | 0.0402% | 77 | 5.3004% | 3.5051% |
| 32 | 0.0708% | 0.0430% | 78 | 5.8034% | 3.8041% |
| 33 | 0.0776% | 0.0459% | 79 | 6.3125% | 4.2324% |
| 34 | 0.0819% | 0.0481% | 80 | 6.8274% | 4.6607% |
| 35 | 0.0871% | 0.0511% | 81 | 7.7642% | 5.0889% |
| 36 | 0.0937% | 0.0652% | 82 | 8.7119% | 5.5172% |
| 37 | 0.1018% | 0.0814% | 83 | 9.6126% | 5.9455% |
| 38 | 0.1110% | 0.0995% | 84 | 10.1362% | 6.7802% |
| 39 | 0.1260% | 0.1210% | 85 | 10.7175% | 7.6611% |
| 40 | 0.1507% | 0.1492% | 86 | 11.8651% | 8.5522% |
| 41 | 0.1861% | 0.1843% | 87 | 13.2840% | 9.4539% |
| 42 | 0.2185% | 0.2183% | 88 | 14.7195% | 10.3039% |
| 43 | 0.2597% | 0.2597% | 89 | 16.1556% | 11.5785% |
| 44 | 0.2970% | 0.2970% | 90 | 17.6839% | 12.7726% |
| 45 | 0.3366% | 0.3366% | 91 | 19.3840% | 14.1284% |
| 46 | 0.3794% | 0.3794% | 92 | 21.2296% | 15.5024% |
| 47 | 0.4111% | 0.4069% | 93 | 22.9013% | 17.1161% |
| 48 | 0.4350% | 0.4350% | 94 | 24.5706% | 18.7954% |
| 49 | 0.4459% | 0.4459% | 95 | 26.4811% | 20.3022% |
| 50 | 0.4643% | 0.4528% | 96 | 28.1061% | 21.8796% |
| 51 | 0.5004% | 0.4733% | 97 | 29.8186% | 23.7379% |
| 52 | 0.5502% | 0.4971% | 98 | 33.0187% | 25.6156% |
| 53 | 0.5950% | 0.5215% | 99 | 36.3786% | 28.2222% |
| 54 | 0.7336% | 0.6238% | 100 | 40.1450% | 32.8744% |
| 55 | 0.8372% | 0.7012% | 101 | 44.5442% | 36.4770% |
| 56 | 0.9536% | 0.7869% | 102 | 49.3286% | 40.3949% |
| 57 | 0.9793% | 0.8082% | 103 | 54.8940% | 44.9523% |
| 58 | 0.9925% | 0.8318% | 104 | 61.4286% | 50.3034% |
| 59 | 1.0275% | 0.8611% | 105 | 69.1282% | 56.6086% |
| 60 | 1.0300% | 0.8631% | 106 | 78.1955% | 64.0336% |
| 61 | 1.0549% | 0.8976% | 107 | 88.840% | 72.7501% |
| 62 | 1.1168% | 0.9502% | 108 | 92.000% | 83.0000% |
| 63 | 1.1874% | 1.0259% | 109 | 100.000% | 95.000% |
| 64 | 1.2811% | 1.1068% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

**NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM
HP TP**

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0205% | 65 | 1.6693% | 1.3978% |
| 20 | 0.0379% | 0.0216% | 66 | 1.8759% | 1.5317% |
| 21 | 0.0394% | 0.0229% | 67 | 2.0825% | 1.6379% |
| 22 | 0.0413% | 0.0243% | 68 | 2.2892% | 1.7416% |
| 23 | 0.0432% | 0.0258% | 69 | 2.4957% | 1.9535% |
| 24 | 0.0454% | 0.0273% | 70 | 2.7024% | 2.1653% |
| 25 | 0.0477% | 0.0289% | 71 | 2.9488% | 2.3772% |
| 26 | 0.0504% | 0.0307% | 72 | 3.1951% | 2.5890% |
| 27 | 0.0532% | 0.0326% | 73 | 3.4415% | 2.8009% |
| 28 | 0.0565% | 0.0348% | 74 | 3.6878% | 3.1635% |
| 29 | 0.0600% | 0.0371% | 75 | 3.9342% | 3.5260% |
| 30 | 0.0639% | 0.0395% | 76 | 4.3560% | 3.8886% |
| 31 | 0.0683% | 0.0422% | 77 | 4.7778% | 4.2512% |
| 32 | 0.0730% | 0.0451% | 78 | 5.1995% | 4.6138% |
| 33 | 0.0800% | 0.0485% | 79 | 5.6214% | 5.1332% |
| 34 | 0.0844% | 0.0511% | 80 | 6.0431% | 5.6527% |
| 35 | 0.0898% | 0.0546% | 81 | 6.8308% | 6.1721% |
| 36 | 0.0966% | 0.0584% | 82 | 7.6184% | 6.6915% |
| 37 | 0.1049% | 0.0629% | 83 | 8.4060% | 7.2110% |
| 38 | 0.1151% | 0.0677% | 84 | 9.1935% | 8.2234% |
| 39 | 0.1314% | 0.0736% | 85 | 9.9811% | 9.2358% |
| 40 | 0.1477% | 0.0817% | 86 | 11.2508% | 10.2481% |
| 41 | 0.1640% | 0.0917% | 87 | 12.5204% | 11.2605% |
| 42 | 0.1803% | 0.1039% | 88 | 13.7899% | 12.2729% |
| 43 | 0.1966% | 0.1185% | 89 | 15.1353% | 13.7083% |
| 44 | 0.2129% | 0.1355% | 90 | 16.4676% | 15.1220% |
| 45 | 0.2292% | 0.1545% | 91 | 17.7909% | 16.5350% |
| 46 | 0.2454% | 0.1752% | 92 | 19.1478% | 17.9368% |
| 47 | 0.2617% | 0.1973% | 93 | 20.5460% | 19.4640% |
| 48 | 0.2781% | 0.2205% | 94 | 22.1691% | 21.1361% |
| 49 | 0.3677% | 0.2486% | 95 | 23.8006% | 22.8306% |
| 50 | 0.4574% | 0.2788% | 96 | 25.4629% | 24.6045% |
| 51 | 0.5470% | 0.3113% | 97 | 27.4354% | 26.5343% |
| 52 | 0.6367% | 0.3463% | 98 | 30.1977% | 28.6331% |
| 53 | 0.6901% | 0.3840% | 99 | 33.2706% | 31.5468% |
| 54 | 0.7604% | 0.4417% | 100 | 36.7152% | 34.8130% |
| 55 | 0.8307% | 0.5040% | 101 | 40.4947% | 38.3968% |
| 56 | 0.9010% | 0.5705% | 102 | 44.8442% | 42.5209% |
| 57 | 0.9713% | 0.6407% | 103 | 49.9036% | 47.3182% |
| 58 | 1.0416% | 0.7143% | 104 | 55.8442% | 52.9509% |
| 59 | 1.1313% | 0.8067% | 105 | 62.8438% | 59.5880% |
| 60 | 1.2209% | 0.8895% | 106 | 71.0868% | 67.4038% |
| 61 | 1.3106% | 0.9737% | 107 | 80.7632% | 76.5790% |
| 62 | 1.4003% | 1.0654% | 108 | 100.0000% | 100.0000% |
| 63 | 1.4900% | 1.1649% | 109 | 100.0000% | 100.0000% |
| 64 | 1.5796% | 1.2739% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM - HP TP

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0244% | 0.0149% | 65 | 1.1124% | 1.1014% |
| 20 | 0.0253% | 0.0154% | 66 | 1.4252% | 1.1857% |
| 21 | 0.0269% | 0.0160% | 67 | 1.5821% | 1.3088% |
| 22 | 0.0288% | 0.0170% | 68 | 1.7025% | 1.4342% |
| 23 | 0.0315% | 0.0184% | 69 | 1.9489% | 1.5486% |
| 24 | 0.0345% | 0.0199% | 70 | 2.1642% | 1.6761% |
| 25 | 0.0386% | 0.0215% | 71 | 2.3616% | 1.8017% |
| 26 | 0.0444% | 0.0238% | 72 | 2.4044% | 2.0044% |
| 27 | 0.0479% | 0.0253% | 73 | 2.4472% | 2.1131% |
| 28 | 0.0509% | 0.0270% | 74 | 2.4899% | 2.3475% |
| 29 | 0.0540% | 0.0288% | 75 | 2.5873% | 2.5617% |
| 30 | 0.0575% | 0.0320% | 76 | 2.8534% | 2.8251% |
| 31 | 0.0615% | 0.0356% | 77 | 4.3558% | 3.1546% |
| 32 | 0.0657% | 0.0381% | 78 | 4.8422% | 3.4237% |
| 33 | 0.0720% | 0.0401% | 79 | 5.3475% | 3.8091% |
| 34 | 0.0760% | 0.0414% | 80 | 5.8719% | 4.1946% |
| 35 | 0.0808% | 0.0433% | 81 | 6.7795% | 4.5800% |
| 36 | 0.0869% | 0.0544% | 82 | 7.7231% | 4.9654% |
| 37 | 0.0944% | 0.0669% | 83 | 8.5215% | 5.3509% |
| 38 | 0.1014% | 0.0806% | 84 | 9.1225% | 6.1022% |
| 39 | 0.1134% | 0.0965% | 85 | 9.6456% | 6.9998% |
| 40 | 0.1336% | 0.1190% | 86 | 10.6785% | 7.9328% |
| 41 | 0.1625% | 0.1469% | 87 | 12.1374% | 8.9023% |
| 42 | 0.1879% | 0.1740% | 88 | 13.6533% | 9.7027% |
| 43 | 0.2200% | 0.2071% | 89 | 14.9854% | 11.0683% |
| 44 | 0.2478% | 0.2368% | 90 | 16.6521% | 12.2097% |
| 45 | 0.2766% | 0.2643% | 91 | 18.2529% | 13.5058% |
| 46 | 0.3071% | 0.2933% | 92 | 20.2941% | 14.8192% |
| 47 | 0.3277% | 0.3099% | 93 | 21.8922% | 16.6098% |
| 48 | 0.3415% | 0.3313% | 94 | 23.4878% | 18.2393% |
| 49 | 0.3447% | 0.3395% | 95 | 25.6977% | 19.7016% |
| 50 | 0.3536% | 0.3501% | 96 | 27.2746% | 21.2324% |
| 51 | 0.3753% | 0.3716% | 97 | 28.9365% | 23.3844% |
| 52 | 0.4064% | 0.4024% | 98 | 32.5268% | 25.2340% |
| 53 | 0.4394% | 0.4351% | 99 | 35.8367% | 27.8018% |
| 54 | 0.5419% | 0.5365% | 100 | 39.5470% | 32.3847% |
| 55 | 0.6278% | 0.6216% | 101 | 44.5442% | 36.4770% |
| 56 | 0.7262% | 0.7190% | 102 | 49.3286% | 40.3949% |
| 57 | 0.7572% | 0.7497% | 103 | 54.8940% | 44.9523% |
| 58 | 0.7792% | 0.7715% | 104 | 61.4286% | 50.3034% |
| 59 | 0.8067% | 0.7987% | 105 | 69.1282% | 56.6086% |
| 60 | 0.8086% | 0.8006% | 106 | 78.1955% | 64.0336% |
| 61 | 0.8409% | 0.8326% | 107 | 88.840% | 72.7501% |
| 62 | 0.8902% | 0.8814% | 108 | 92.000% | 83.0000% |
| 63 | 0.9611% | 0.9516% | 109 | 100.000% | 95.000% |
| 64 | 1.0369% | 1.0267% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

| | |
|-------------------|---|
| Table D - Males | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table E - Males | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |
| Table E - Females | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|---|
| Table F | Salary Increases - <i>Merit Only and Total</i> |
| Table G | Overtime Pay: <i>In All Years</i> <i>In Year Before Service Retirement</i> <i>In Year Before Disability Retirement</i> |

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0179% | 65 | 1.1283% | 0.6459% |
| 20 | 0.0377% | 0.0189% | 66 | 1.2996% | 0.7299% |
| 21 | 0.0392% | 0.0201% | 67 | 1.4710% | 0.8184% |
| 22 | 0.0408% | 0.0212% | 68 | 1.6423% | 0.9120% |
| 23 | 0.0424% | 0.0225% | 69 | 1.8137% | 1.0105% |
| 24 | 0.0444% | 0.0239% | 70 | 1.9850% | 1.1136% |
| 25 | 0.0464% | 0.0253% | 71 | 2.2080% | 1.2576% |
| 26 | 0.0488% | 0.0268% | 72 | 2.4310% | 1.4058% |
| 27 | 0.0513% | 0.0284% | 73 | 2.6540% | 1.5558% |
| 28 | 0.0542% | 0.0302% | 74 | 2.8770% | 1.7056% |
| 29 | 0.0572% | 0.0320% | 75 | 3.1000% | 1.8530% |
| 30 | 0.0607% | 0.0342% | 76 | 3.4890% | 2.1214% |
| 31 | 0.0645% | 0.0364% | 77 | 3.8780% | 2.3899% |
| 32 | 0.0687% | 0.0388% | 78 | 4.2670% | 2.6565% |
| 33 | 0.0734% | 0.0414% | 79 | 4.6560% | 2.9190% |
| 34 | 0.0785% | 0.0443% | 80 | 5.0450% | 3.1750% |
| 35 | 0.0860% | 0.0476% | 81 | 5.7546% | 3.7406% |
| 36 | 0.0907% | 0.0502% | 82 | 6.4642% | 4.3062% |
| 37 | 0.0966% | 0.0536% | 83 | 7.1738% | 4.8718% |
| 38 | 0.1039% | 0.0573% | 84 | 7.8834% | 5.4374% |
| 39 | 0.1128% | 0.0617% | 85 | 8.5930% | 6.0030% |
| 40 | 0.1238% | 0.0665% | 86 | 9.6492% | 6.9424% |
| 41 | 0.1397% | 0.0717% | 87 | 10.7054% | 7.8818% |
| 42 | 0.1556% | 0.0777% | 88 | 11.7616% | 8.8212% |
| 43 | 0.1715% | 0.0846% | 89 | 12.8178% | 9.7606% |
| 44 | 0.1874% | 0.0924% | 90 | 13.8740% | 10.7000% |
| 45 | 0.2033% | 0.1014% | 91 | 15.3248% | 12.1731% |
| 46 | 0.2192% | 0.1117% | 92 | 16.7661% | 13.6251% |
| 47 | 0.2351% | 0.1229% | 93 | 18.2025% | 15.0770% |
| 48 | 0.2511% | 0.1347% | 94 | 19.6794% | 16.5533% |
| 49 | 0.2670% | 0.1469% | 95 | 21.2054% | 18.0830% |
| 50 | 0.2829% | 0.1591% | 96 | 22.9711% | 20.6375% |
| 51 | 0.3150% | 0.1733% | 97 | 24.7514% | 23.1381% |
| 52 | 0.3472% | 0.1883% | 98 | 26.8289% | 25.3655% |
| 53 | 0.3793% | 0.2043% | 99 | 29.5004% | 27.3549% |
| 54 | 0.4115% | 0.2218% | 100 | 32.4706% | 29.5187% |
| 55 | 0.4437% | 0.2411% | 101 | 35.7748% | 32.5225% |
| 56 | 0.4875% | 0.2676% | 102 | 39.4787% | 35.8897% |
| 57 | 0.5313% | 0.2965% | 103 | 43.5427% | 39.5843% |
| 58 | 0.5751% | 0.3277% | 104 | 48.2196% | 43.8360% |
| 59 | 0.6189% | 0.3605% | 105 | 53.6598% | 48.7812% |
| 60 | 0.6627% | 0.3951% | 106 | 60.0475% | 54.5886% |
| 61 | 0.7558% | 0.4411% | 107 | 67.5740% | 61.4309% |
| 62 | 0.8489% | 0.4893% | 108 | 76.4374% | 69.4885% |
| 63 | 0.9421% | 0.5396% | 109 | 86.8421% | 78.9474% |
| 64 | 1.0352% | 0.5919% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 0.9642% | 0.6079% |
| 20 | 0.0285% | 0.0162% | 66 | 1.1173% | 0.6870% |
| 21 | 0.0298% | 0.0164% | 67 | 1.2647% | 0.7703% |
| 22 | 0.0308% | 0.0165% | 68 | 1.4034% | 0.8584% |
| 23 | 0.0321% | 0.0168% | 69 | 1.5499% | 0.9512% |
| 24 | 0.0330% | 0.0173% | 70 | 1.6861% | 1.0482% |
| 25 | 0.0340% | 0.0180% | 71 | 1.8754% | 1.1766% |
| 26 | 0.0356% | 0.0190% | 72 | 2.0648% | 1.3152% |
| 27 | 0.0363% | 0.0198% | 73 | 2.2542% | 1.4468% |
| 28 | 0.0374% | 0.0208% | 74 | 2.4436% | 1.5861% |
| 29 | 0.0392% | 0.0220% | 75 | 2.6491% | 1.7128% |
| 30 | 0.0422% | 0.0239% | 76 | 2.9816% | 1.9610% |
| 31 | 0.0475% | 0.0283% | 77 | 3.3342% | 2.2225% |
| 32 | 0.0535% | 0.0323% | 78 | 3.6910% | 2.4705% |
| 33 | 0.0600% | 0.0360% | 79 | 4.0521% | 2.7145% |
| 34 | 0.0668% | 0.0393% | 80 | 4.4173% | 2.9527% |
| 35 | 0.0735% | 0.0425% | 81 | 5.0692% | 3.4786% |
| 36 | 0.0800% | 0.0456% | 82 | 5.7288% | 4.0046% |
| 37 | 0.0860% | 0.0486% | 83 | 6.3577% | 4.5306% |
| 38 | 0.0909% | 0.0519% | 84 | 7.0290% | 5.0566% |
| 39 | 0.0958% | 0.0557% | 85 | 7.6617% | 5.6164% |
| 40 | 0.1012% | 0.0607% | 86 | 8.6034% | 6.5346% |
| 41 | 0.1084% | 0.0665% | 87 | 9.6029% | 7.4636% |
| 42 | 0.1170% | 0.0730% | 88 | 10.6142% | 8.3533% |
| 43 | 0.1272% | 0.0799% | 89 | 11.5674% | 9.2987% |
| 44 | 0.1384% | 0.0874% | 90 | 12.5962% | 10.1936% |
| 45 | 0.1510% | 0.0943% | 91 | 13.9135% | 12.0840% |
| 46 | 0.1634% | 0.1016% | 92 | 15.3139% | 13.9062% |
| 47 | 0.1769% | 0.1094% | 93 | 16.6259% | 15.8033% |
| 48 | 0.1905% | 0.1187% | 94 | 17.9748% | 17.5071% |
| 49 | 0.2050% | 0.1286% | 95 | 19.4855% | 19.0654% |
| 50 | 0.2192% | 0.1402% | 96 | 22.4520% | 20.1308% |
| 51 | 0.2476% | 0.1550% | 97 | 25.4027% | 21.3097% |
| 52 | 0.2738% | 0.1710% | 98 | 28.6501% | 22.1718% |
| 53 | 0.3035% | 0.1884% | 99 | 31.6078% | 22.9084% |
| 54 | 0.3343% | 0.2077% | 100 | 34.1126% | 23.5103% |
| 55 | 0.3677% | 0.2301% | 101 | 35.8628% | 24.4834% |
| 56 | 0.4066% | 0.2589% | 102 | 37.1685% | 25.4498% |
| 57 | 0.4458% | 0.2868% | 103 | 38.3040% | 26.6044% |
| 58 | 0.4855% | 0.3149% | 104 | 39.2003% | 27.9055% |
| 59 | 0.5225% | 0.3435% | 105 | 39.7886% | 29.3116% |
| 60 | 0.5595% | 0.3718% | 106 | 40.0000% | 32.0000% |
| 61 | 0.6420% | 0.4152% | 107 | 55.0000% | 49.0000% |
| 62 | 0.7211% | 0.4605% | 108 | 70.0000% | 66.0000% |
| 63 | 0.8051% | 0.5079% | 109 | 85.0000% | 83.0000% |
| 64 | 0.8846% | 0.5571% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0339% | 0.0174% | 65 | 1.0493% | 0.6265% |
| 20 | 0.0351% | 0.0183% | 66 | 1.2086% | 0.7080% |
| 21 | 0.0365% | 0.0195% | 67 | 1.3680% | 0.7938% |
| 22 | 0.0379% | 0.0206% | 68 | 1.5273% | 0.8846% |
| 23 | 0.0394% | 0.0218% | 69 | 1.6867% | 0.9802% |
| 24 | 0.0413% | 0.0232% | 70 | 1.8461% | 1.0802% |
| 25 | 0.0432% | 0.0245% | 71 | 2.0534% | 1.2199% |
| 26 | 0.0454% | 0.0260% | 72 | 2.2608% | 1.3636% |
| 27 | 0.0477% | 0.0275% | 73 | 2.4682% | 1.5091% |
| 28 | 0.0504% | 0.0293% | 74 | 2.6756% | 1.6544% |
| 29 | 0.0532% | 0.0310% | 75 | 2.8830% | 1.7974% |
| 30 | 0.0565% | 0.0332% | 76 | 3.2448% | 2.0578% |
| 31 | 0.0600% | 0.0353% | 77 | 3.6065% | 2.3182% |
| 32 | 0.0639% | 0.0376% | 78 | 3.9683% | 2.5768% |
| 33 | 0.0683% | 0.0402% | 79 | 4.3301% | 2.8314% |
| 34 | 0.0730% | 0.0430% | 80 | 4.6919% | 3.0798% |
| 35 | 0.0800% | 0.0462% | 81 | 5.3518% | 3.6284% |
| 36 | 0.0844% | 0.0487% | 82 | 6.0117% | 4.1770% |
| 37 | 0.0898% | 0.0520% | 83 | 6.6716% | 4.7256% |
| 38 | 0.0966% | 0.0556% | 84 | 7.3316% | 5.2743% |
| 39 | 0.1049% | 0.0598% | 85 | 7.9915% | 5.8229% |
| 40 | 0.1151% | 0.0645% | 86 | 8.9738% | 6.7341% |
| 41 | 0.1299% | 0.0695% | 87 | 9.9560% | 7.6453% |
| 42 | 0.1447% | 0.0754% | 88 | 10.9383% | 8.5566% |
| 43 | 0.1595% | 0.0821% | 89 | 11.9206% | 9.4678% |
| 44 | 0.1743% | 0.0896% | 90 | 12.9028% | 10.3790% |
| 45 | 0.1891% | 0.0984% | 91 | 14.2521% | 11.8079% |
| 46 | 0.2039% | 0.1083% | 92 | 15.5925% | 13.2163% |
| 47 | 0.2186% | 0.1192% | 93 | 16.9283% | 14.6247% |
| 48 | 0.2335% | 0.1307% | 94 | 18.3018% | 16.0567% |
| 49 | 0.2483% | 0.1425% | 95 | 19.7210% | 17.5405% |
| 50 | 0.2631% | 0.1543% | 96 | 21.3631% | 20.0184% |
| 51 | 0.2930% | 0.1681% | 97 | 23.0188% | 22.4440% |
| 52 | 0.3229% | 0.1827% | 98 | 24.9509% | 24.6045% |
| 53 | 0.3527% | 0.1982% | 99 | 27.4354% | 26.5343% |
| 54 | 0.3827% | 0.2151% | 100 | 30.1977% | 28.6331% |
| 55 | 0.4126% | 0.2339% | 101 | 33.2706% | 31.5468% |
| 56 | 0.4534% | 0.2596% | 102 | 36.7152% | 34.8130% |
| 57 | 0.4941% | 0.2876% | 103 | 40.4947% | 38.3968% |
| 58 | 0.5348% | 0.3179% | 104 | 44.8442% | 42.5209% |
| 59 | 0.5756% | 0.3497% | 105 | 49.9036% | 47.3178% |
| 60 | 0.6163% | 0.3832% | 106 | 55.8442% | 52.9509% |
| 61 | 0.7029% | 0.4279% | 107 | 62.8438% | 59.5880% |
| 62 | 0.7895% | 0.4746% | 108 | 71.0868% | 67.4038% |
| 63 | 0.8762% | 0.5234% | 109 | 80.7632% | 76.5790% |
| 64 | 0.9627% | 0.5741% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 0.7804% | 0.5639% |
| 20 | 0.0214% | 0.0127% | 66 | 0.9182% | 0.6373% |
| 21 | 0.0227% | 0.0127% | 67 | 1.0393% | 0.7145% |
| 22 | 0.0238% | 0.0128% | 68 | 1.1359% | 0.7962% |
| 23 | 0.0256% | 0.0132% | 69 | 1.2544% | 0.8823% |
| 24 | 0.0271% | 0.0138% | 70 | 1.3441% | 0.9723% |
| 25 | 0.0292% | 0.0146% | 71 | 1.4950% | 1.0751% |
| 26 | 0.0325% | 0.0158% | 72 | 1.6460% | 1.2017% |
| 27 | 0.0337% | 0.0165% | 73 | 1.7970% | 1.3021% |
| 28 | 0.0347% | 0.0174% | 74 | 1.9480% | 1.4275% |
| 29 | 0.0363% | 0.0183% | 75 | 2.1442% | 1.5184% |
| 30 | 0.0392% | 0.0205% | 76 | 2.4133% | 1.7384% |
| 31 | 0.0440% | 0.0251% | 77 | 2.7400% | 2.0003% |
| 32 | 0.0496% | 0.0286% | 78 | 3.0796% | 2.2234% |
| 33 | 0.0557% | 0.0314% | 79 | 3.4326% | 2.4431% |
| 34 | 0.0619% | 0.0338% | 80 | 3.7992% | 2.6574% |
| 35 | 0.0682% | 0.0360% | 81 | 4.4264% | 3.1308% |
| 36 | 0.0742% | 0.0380% | 82 | 5.0786% | 3.6041% |
| 37 | 0.0798% | 0.0399% | 83 | 5.6361% | 4.0775% |
| 38 | 0.0830% | 0.0420% | 84 | 6.3261% | 4.5509% |
| 39 | 0.0862% | 0.0444% | 85 | 6.8954% | 5.1316% |
| 40 | 0.0897% | 0.0484% | 86 | 7.7430% | 6.0613% |
| 41 | 0.0947% | 0.0530% | 87 | 8.7740% | 7.0281% |
| 42 | 0.1006% | 0.0582% | 88 | 9.8454% | 7.8659% |
| 43 | 0.1077% | 0.0637% | 89 | 10.7296% | 8.8889% |
| 44 | 0.1155% | 0.0697% | 90 | 11.8612% | 9.7444% |
| 45 | 0.1241% | 0.0740% | 91 | 13.1016% | 11.5515% |
| 46 | 0.1322% | 0.0786% | 92 | 14.6391% | 13.2934% |
| 47 | 0.1410% | 0.0833% | 93 | 15.8932% | 15.3358% |
| 48 | 0.1496% | 0.0904% | 94 | 17.1827% | 16.9891% |
| 49 | 0.1585% | 0.0979% | 95 | 18.9091% | 18.5013% |
| 50 | 0.1669% | 0.1084% | 96 | 21.7878% | 19.5353% |
| 51 | 0.1857% | 0.1217% | 97 | 24.6512% | 20.9923% |
| 52 | 0.2022% | 0.1384% | 98 | 28.2233% | 21.8415% |
| 53 | 0.2242% | 0.1572% | 99 | 31.1370% | 22.5671% |
| 54 | 0.2469% | 0.1786% | 100 | 33.6045% | 23.1601% |
| 55 | 0.2758% | 0.2040% | 101 | 35.8628% | 24.4834% |
| 56 | 0.3096% | 0.2366% | 102 | 37.1685% | 25.4498% |
| 57 | 0.3447% | 0.2661% | 103 | 38.3040% | 26.6044% |
| 58 | 0.3811% | 0.2921% | 104 | 39.2003% | 27.9055% |
| 59 | 0.4102% | 0.3186% | 105 | 39.7886% | 29.3116% |
| 60 | 0.4392% | 0.3449% | 106 | 40.0000% | 32.0000% |
| 61 | 0.5117% | 0.3851% | 107 | 55.0000% | 49.0000% |
| 62 | 0.5748% | 0.4272% | 108 | 70.0000% | 66.0000% |
| 63 | 0.6517% | 0.4711% | 109 | 85.0000% | 83.0000% |
| 64 | 0.7160% | 0.5167% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.0617% | 3.0152% | 65 | 2.7341% | 1.5228% |
| 20 | 1.0834% | 3.0152% | 66 | 2.8291% | 1.5719% |
| 21 | 1.1056% | 3.0152% | 67 | 2.9384% | 1.6420% |
| 22 | 1.1281% | 3.0152% | 68 | 3.0639% | 1.7340% |
| 23 | 1.1512% | 3.0152% | 69 | 3.2070% | 1.8489% |
| 24 | 1.1747% | 3.0152% | 70 | 3.3701% | 1.9883% |
| 25 | 1.1987% | 3.0152% | 71 | 3.5551% | 2.1538% |
| 26 | 1.2232% | 3.0152% | 72 | 3.7643% | 2.3468% |
| 27 | 1.2482% | 3.0152% | 73 | 3.9992% | 2.5684% |
| 28 | 1.2738% | 3.0152% | 74 | 4.2615% | 2.8191% |
| 29 | 1.2998% | 3.0152% | 75 | 4.5534% | 3.0996% |
| 30 | 1.3264% | 3.0152% | 76 | 4.8768% | 3.4103% |
| 31 | 1.3535% | 3.0152% | 77 | 5.2338% | 3.7517% |
| 32 | 1.3811% | 3.0152% | 78 | 5.6257% | 4.1241% |
| 33 | 1.4094% | 3.0152% | 79 | 6.0536% | 4.5280% |
| 34 | 1.4382% | 3.0152% | 80 | 6.5182% | 4.9632% |
| 35 | 1.4676% | 3.0152% | 81 | 7.0204% | 5.4300% |
| 36 | 1.4976% | 3.0152% | 82 | 7.5608% | 5.9281% |
| 37 | 1.5282% | 3.0152% | 83 | 8.2102% | 6.4574% |
| 38 | 1.5594% | 3.0152% | 84 | 8.9083% | 7.0180% |
| 39 | 1.5913% | 3.0152% | 85 | 9.6443% | 7.6095% |
| 40 | 1.6238% | 3.0152% | 86 | 10.4189% | 8.2317% |
| 41 | 1.6570% | 3.0152% | 87 | 11.2332% | 8.9844% |
| 42 | 1.6909% | 3.0152% | 88 | 12.0918% | 9.8692% |
| 43 | 1.7254% | 3.0152% | 89 | 12.9909% | 10.8070% |
| 44 | 1.7607% | 3.0152% | 90 | 13.9305% | 11.7969% |
| 45 | 1.7967% | 3.0152% | 91 | 15.3248% | 12.8114% |
| 46 | 1.8334% | 3.0152% | 92 | 16.7661% | 13.8920% |
| 47 | 1.8709% | 3.0152% | 93 | 18.2025% | 15.0770% |
| 48 | 1.9091% | 3.0152% | 94 | 19.6794% | 16.5533% |
| 49 | 1.9472% | 2.8219% | 95 | 21.2054% | 18.0830% |
| 50 | 1.9852% | 2.6410% | 96 | 22.9711% | 20.6375% |
| 51 | 2.0229% | 2.4726% | 97 | 24.7514% | 23.1381% |
| 52 | 2.0605% | 2.3166% | 98 | 26.8289% | 25.3655% |
| 53 | 2.0998% | 2.1745% | 99 | 29.5004% | 27.3549% |
| 54 | 2.1392% | 2.0451% | 100 | 32.4706% | 29.5187% |
| 55 | 2.1791% | 1.9283% | 101 | 35.7748% | 32.5225% |
| 56 | 2.2197% | 1.8243% | 102 | 39.4787% | 35.8897% |
| 57 | 2.2615% | 1.7333% | 103 | 43.5427% | 39.5843% |
| 58 | 2.3051% | 1.6557% | 104 | 48.2196% | 43.8360% |
| 59 | 2.3512% | 1.5919% | 105 | 53.6598% | 48.7812% |
| 60 | 2.4006% | 1.5420% | 106 | 60.0475% | 54.5886% |
| 61 | 2.4543% | 1.5067% | 107 | 67.5740% | 61.4309% |
| 62 | 2.5131% | 1.4863% | 108 | 76.4374% | 69.4885% |
| 63 | 2.5782% | 1.4815% | 109 | 86.8421% | 78.9474% |
| 64 | 2.6512% | 1.4932% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 2.0227% | 1.0363% | 65 | 4.4105% | 2.6947% |
| 20 | 2.0517% | 1.1493% | 66 | 4.4422% | 2.7001% |
| 21 | 2.0646% | 1.2464% | 67 | 4.4468% | 2.7046% |
| 22 | 2.0862% | 1.3561% | 68 | 4.5301% | 2.7094% |
| 23 | 2.1218% | 1.4762% | 69 | 4.5334% | 2.7148% |
| 24 | 2.1917% | 1.6239% | 70 | 4.6122% | 2.7325% |
| 25 | 2.2775% | 1.7783% | 71 | 4.6223% | 2.8166% |
| 26 | 2.3626% | 1.8235% | 72 | 4.6268% | 2.9172% |
| 27 | 2.4065% | 1.8469% | 73 | 4.6314% | 2.9996% |
| 28 | 2.4360% | 1.8703% | 74 | 4.6379% | 3.0996% |
| 29 | 2.4655% | 1.8937% | 75 | 4.6694% | 3.1803% |
| 30 | 2.4950% | 1.9405% | 76 | 5.0010% | 3.4991% |
| 31 | 2.5246% | 1.9881% | 77 | 5.3998% | 3.8727% |
| 32 | 2.5541% | 2.0121% | 78 | 5.8396% | 4.2572% |
| 33 | 2.5836% | 2.0438% | 79 | 6.3220% | 4.6741% |
| 34 | 2.6131% | 2.0760% | 80 | 6.8486% | 5.1233% |
| 35 | 2.6427% | 2.1084% | 81 | 7.4211% | 5.6052% |
| 36 | 2.6722% | 2.1413% | 82 | 8.0408% | 6.1194% |
| 37 | 2.7017% | 2.1748% | 83 | 8.7315% | 6.6658% |
| 38 | 2.7703% | 2.2085% | 84 | 9.5313% | 7.2445% |
| 39 | 2.8406% | 2.2429% | 85 | 10.3188% | 7.9026% |
| 40 | 2.9128% | 2.2467% | 86 | 11.1476% | 8.6004% |
| 41 | 2.9867% | 2.2476% | 87 | 12.0917% | 9.4437% |
| 42 | 3.0624% | 2.2481% | 88 | 13.0947% | 10.3737% |
| 43 | 3.1404% | 2.2486% | 89 | 14.0683% | 11.4280% |
| 44 | 3.2204% | 2.2491% | 90 | 15.1771% | 12.4748% |
| 45 | 3.3023% | 2.2919% | 91 | 16.6961% | 13.5476% |
| 46 | 3.3831% | 2.3276% | 92 | 18.3767% | 14.6902% |
| 47 | 3.4657% | 2.3707% | 93 | 19.9510% | 16.0396% |
| 48 | 3.5504% | 2.3730% | 94 | 21.5698% | 17.6101% |
| 49 | 3.6411% | 2.3743% | 95 | 23.3826% | 19.2375% |
| 50 | 3.7340% | 2.3889% | 96 | 25.3296% | 21.9551% |
| 51 | 3.8292% | 2.4037% | 97 | 27.2927% | 24.7637% |
| 52 | 3.9273% | 2.4332% | 98 | 29.7619% | 27.1475% |
| 53 | 3.9523% | 2.4639% | 99 | 32.7254% | 29.2768% |
| 54 | 3.9773% | 2.5090% | 100 | 36.0204% | 31.5925% |
| 55 | 4.0267% | 2.5636% | 101 | 39.9247% | 35.0169% |
| 56 | 4.0767% | 2.6190% | 102 | 44.0582% | 38.6424% |
| 57 | 4.1271% | 2.6593% | 103 | 48.5936% | 42.6204% |
| 58 | 4.1780% | 2.6649% | 104 | 53.8130% | 47.1982% |
| 59 | 4.2036% | 2.6671% | 105 | 59.8843% | 52.5228% |
| 60 | 4.2290% | 2.6706% | 106 | 67.0130% | 58.7755% |
| 61 | 4.2807% | 2.6733% | 107 | 75.4126% | 66.1427% |
| 62 | 4.3064% | 2.6791% | 108 | 92.000% | 83.0000% |
| 63 | 4.3586% | 2.6845% | 109 | 100.000% | 95.0000% |
| 64 | 4.3846% | 2.6915% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.9874% | 2.9247% | 65 | 2.5427% | 1.4771% |
| 20 | 1.0076% | 2.9247% | 66 | 2.6311% | 1.5247% |
| 21 | 1.0282% | 2.9247% | 67 | 2.7327% | 1.5927% |
| 22 | 1.0491% | 2.9247% | 68 | 2.8494% | 1.6820% |
| 23 | 1.0706% | 2.9247% | 69 | 2.9825% | 1.7934% |
| 24 | 1.0925% | 2.9247% | 70 | 3.1342% | 1.9287% |
| 25 | 1.1148% | 2.9247% | 71 | 3.3062% | 2.0892% |
| 26 | 1.1376% | 2.9247% | 72 | 3.5008% | 2.2764% |
| 27 | 1.1608% | 2.9247% | 73 | 3.7193% | 2.4913% |
| 28 | 1.1846% | 2.9247% | 74 | 3.9632% | 2.7345% |
| 29 | 1.2088% | 2.9247% | 75 | 4.2347% | 3.0066% |
| 30 | 1.2336% | 2.9247% | 76 | 4.5354% | 3.3080% |
| 31 | 1.2588% | 2.9247% | 77 | 4.8674% | 3.6391% |
| 32 | 1.2844% | 2.9247% | 78 | 5.2319% | 4.0004% |
| 33 | 1.3107% | 2.9247% | 79 | 5.6298% | 4.3922% |
| 34 | 1.3375% | 2.9247% | 80 | 6.0619% | 4.8143% |
| 35 | 1.3649% | 2.9247% | 81 | 6.5290% | 5.2671% |
| 36 | 1.3928% | 2.9247% | 82 | 7.0315% | 5.7503% |
| 37 | 1.4212% | 2.9247% | 83 | 7.6355% | 6.2637% |
| 38 | 1.4502% | 2.9247% | 84 | 8.2847% | 6.8075% |
| 39 | 1.4799% | 2.9247% | 85 | 8.9692% | 7.3812% |
| 40 | 1.5101% | 2.9247% | 86 | 9.6896% | 7.9847% |
| 41 | 1.5410% | 2.9247% | 87 | 10.4469% | 8.7149% |
| 42 | 1.5725% | 2.9247% | 88 | 11.2454% | 9.5731% |
| 43 | 1.6046% | 2.9247% | 89 | 12.0815% | 10.4828% |
| 44 | 1.6375% | 2.9247% | 90 | 12.9554% | 11.4430% |
| 45 | 1.6709% | 2.9247% | 91 | 14.2521% | 12.4271% |
| 46 | 1.7051% | 2.9247% | 92 | 15.5925% | 13.4752% |
| 47 | 1.7399% | 2.9247% | 93 | 16.9283% | 14.6247% |
| 48 | 1.7755% | 2.9247% | 94 | 18.3018% | 16.0567% |
| 49 | 1.8109% | 2.7372% | 95 | 19.7210% | 17.5405% |
| 50 | 1.8462% | 2.5618% | 96 | 21.3631% | 20.0184% |
| 51 | 1.8813% | 2.3984% | 97 | 23.0188% | 22.4440% |
| 52 | 1.9163% | 2.2471% | 98 | 24.9509% | 24.6045% |
| 53 | 1.9528% | 2.1093% | 99 | 27.4354% | 26.5343% |
| 54 | 1.9895% | 1.9837% | 100 | 30.1977% | 28.6331% |
| 55 | 2.0266% | 1.8705% | 101 | 33.2706% | 31.5468% |
| 56 | 2.0643% | 1.7696% | 102 | 36.7152% | 34.8130% |
| 57 | 2.1032% | 1.6813% | 103 | 40.4947% | 38.3968% |
| 58 | 2.1437% | 1.6060% | 104 | 44.8442% | 42.5209% |
| 59 | 2.1866% | 1.5441% | 105 | 49.9036% | 47.3178% |
| 60 | 2.2326% | 1.4957% | 106 | 55.8442% | 52.9509% |
| 61 | 2.2825% | 1.4615% | 107 | 62.8438% | 59.5880% |
| 62 | 2.3372% | 1.4417% | 108 | 71.0868% | 67.4038% |
| 63 | 2.3977% | 1.4371% | 109 | 80.7632% | 76.5790% |
| 64 | 2.4656% | 1.4484% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 1.5169% | 0.8261% | 65 | 3.5698% | 2.4995% |
| 20 | 1.5387% | 0.9023% | 66 | 3.6505% | 2.5046% |
| 21 | 1.5722% | 0.9637% | 67 | 3.6543% | 2.5087% |
| 22 | 1.6131% | 1.0485% | 68 | 3.6666% | 2.5132% |
| 23 | 1.6914% | 1.1590% | 69 | 3.6693% | 2.5182% |
| 24 | 1.8011% | 1.2945% | 70 | 3.6766% | 2.5346% |
| 25 | 1.9588% | 1.4393% | 71 | 3.6847% | 2.5735% |
| 26 | 2.1587% | 1.5215% | 72 | 3.6883% | 2.6654% |
| 27 | 2.2322% | 1.5409% | 73 | 3.6919% | 2.6996% |
| 28 | 2.2596% | 1.5605% | 74 | 3.6971% | 2.7896% |
| 29 | 2.2869% | 1.5801% | 75 | 3.7794% | 2.8193% |
| 30 | 2.3143% | 1.6689% | 76 | 4.0477% | 3.1019% |
| 31 | 2.3418% | 1.7625% | 77 | 4.4375% | 3.4854% |
| 32 | 2.3691% | 1.7837% | 78 | 4.8723% | 3.8314% |
| 33 | 2.3965% | 1.7846% | 79 | 5.3555% | 4.2067% |
| 34 | 2.4238% | 1.7854% | 80 | 5.8902% | 4.6109% |
| 35 | 2.4513% | 1.7861% | 81 | 6.4800% | 5.0446% |
| 36 | 2.4787% | 1.7866% | 82 | 7.1281% | 5.5074% |
| 37 | 2.5060% | 1.7872% | 83 | 7.7404% | 5.9991% |
| 38 | 2.5312% | 1.7876% | 84 | 8.5781% | 6.5200% |
| 39 | 2.5565% | 1.7879% | 85 | 9.2869% | 7.2204% |
| 40 | 2.5822% | 1.7910% | 86 | 10.0328% | 7.9775% |
| 41 | 2.6079% | 1.7917% | 87 | 11.0480% | 8.8927% |
| 42 | 2.6339% | 1.7921% | 88 | 12.1462% | 9.7684% |
| 43 | 2.6603% | 1.7925% | 89 | 13.0493% | 10.9244% |
| 44 | 2.6870% | 1.7929% | 90 | 14.2915% | 11.9251% |
| 45 | 2.7138% | 1.7994% | 91 | 15.7219% | 12.9506% |
| 46 | 2.7382% | 1.7997% | 92 | 17.5669% | 14.0429% |
| 47 | 2.7627% | 1.8053% | 93 | 19.0719% | 15.5651% |
| 48 | 2.7875% | 1.8070% | 94 | 20.6193% | 17.0892% |
| 49 | 2.8153% | 1.8080% | 95 | 22.6909% | 18.6684% |
| 50 | 2.8434% | 1.8472% | 96 | 24.5803% | 21.3056% |
| 51 | 2.8717% | 1.8871% | 97 | 26.4853% | 24.3949% |
| 52 | 2.9006% | 1.9694% | 98 | 29.3186% | 26.7432% |
| 53 | 2.9190% | 2.0558% | 99 | 32.2380% | 28.8407% |
| 54 | 2.9375% | 2.1579% | 100 | 35.4838% | 31.1219% |
| 55 | 3.0199% | 2.2726% | 101 | 39.9247% | 35.0169% |
| 56 | 3.1044% | 2.3929% | 102 | 44.0582% | 38.6424% |
| 57 | 3.1912% | 2.4667% | 103 | 48.5936% | 42.6204% |
| 58 | 3.2801% | 2.4719% | 104 | 53.8130% | 47.1982% |
| 59 | 3.3002% | 2.4739% | 105 | 59.8843% | 52.5228% |
| 60 | 3.3202% | 2.4771% | 106 | 67.0130% | 58.7755% |
| 61 | 3.4124% | 2.4797% | 107 | 75.4126% | 66.1427% |
| 62 | 3.4329% | 2.4850% | 108 | 92.000% | 83.0000% |
| 63 | 3.5278% | 2.4900% | 109 | 100.000% | 95.0000% |
| 64 | 3.5488% | 2.4966% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|---------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 7.5000% | 9.5000% | 7.5000% | 9.5000% |
| 1 | 6.5000% | 9.0000% | 6.5000% | 9.0000% |
| 2 | 5.8000% | 8.0000% | 5.8000% | 8.0000% |
| 3 | 5.1500% | 7.5600% | 5.1500% | 7.5600% |
| 4 | 4.5500% | 4.9140% | 4.5500% | 4.9140% |
| 5 | 4.0000% | 4.3200% | 4.0000% | 4.3200% |
| 6 | 3.5000% | 4.3200% | 3.5000% | 4.3200% |
| 7 | 3.0500% | 3.2940% | 3.0500% | 3.2940% |
| 8 | 2.6500% | 2.8620% | 2.6500% | 2.8620% |
| 9 | 2.3000% | 2.4840% | 2.3000% | 2.4840% |
| 10 | 2.0000% | 2.1600% | 2.0000% | 2.1600% |
| 11 | 1.7500% | 1.8900% | 1.7500% | 1.8900% |
| 12 | 1.5500% | 1.6740% | 1.5500% | 1.6740% |
| 13 | 1.4000% | 1.5120% | 1.4000% | 1.5120% |
| 14 | 1.3000% | 1.4040% | 1.3000% | 1.4040% |
| 15 | 1.2500% | 1.3500% | 1.2500% | 1.3500% |
| 16 | 1.2000% | 1.2960% | 1.2000% | 1.2960% |
| 17 | 1.1500% | 1.2420% | 1.1500% | 1.2420% |
| 18 | 1.1000% | 1.0340% | 1.1000% | 1.0340% |
| 19 | 1.0500% | 0.9870% | 1.0500% | 0.9870% |
| 20 | 1.0000% | 0.9400% | 1.0000% | 0.9400% |
| 21 | 1.0000% | 0.9400% | 1.0000% | 0.9400% |
| 22 | 1.0000% | 0.6580% | 1.0000% | 0.6580% |
| 23 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 24 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 25 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 26 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 27 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 28 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 29 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 30 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 31 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 32 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 33 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 34 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 35 | 1.0000% | 0.5640% | 1.0000% | 0.5640% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table D - Males

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|-------|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 46 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 47 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 48 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 49 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 50 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 51 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 52 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 53 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 54 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 55 | 12.0000% | 18.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 56 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 57 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 10.0000% | 10.0000% | 2.0000% | 2.0000% |
| 58 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 10.0000% | 10.0000% | 3.0000% | 3.0000% |
| 59 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 10.0000% | 10.0000% | 4.0000% | 3.0000% |
| 60 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 10.0000% | 10.0000% | 5.0000% | 3.0000% |
| 61 | 12.0000% | 18.0000% | 10.0000% | 10.0000% | 10.0000% | 10.0000% | 6.0000% | 2.0000% |
| 62 | 25.0000% | 20.0000% | 25.0000% | 25.0000% | 25.0000% | 12.5000% | 0.0000% | 0.0000% |
| 63 | 20.0000% | 20.0000% | 20.0000% | 12.0000% | 20.0000% | 10.0000% | 0.0000% | 0.0000% |
| 64 | 20.0000% | 20.0000% | 20.0000% | 10.0000% | 20.0000% | 11.0000% | 0.0000% | 0.0000% |
| 65 | 30.0000% | 20.0000% | 30.0000% | 20.0000% | 30.0000% | 15.0000% | 0.0000% | 0.0000% |
| 66 | 25.0000% | 25.0000% | 25.0000% | 15.0000% | 25.0000% | 14.0000% | 0.0000% | 0.0000% |
| 67 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 10.0000% | 0.0000% | 0.0000% |
| 68 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 12.0000% | 0.0000% | 0.0000% |
| 69 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 15.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table D - Females

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Females | | | | | | | | |
|---------|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 46 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 47 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 48 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 49 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 50 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 51 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 52 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 53 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 54 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 55 | 10.0000% | 20.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 56 | 10.0000% | 20.0000% | 8.0000% | 10.0000% | 0.0000% | 0.0000% | 2.0000% | 2.0000% |
| 57 | 10.0000% | 20.0000% | 8.0000% | 10.0000% | 8.0000% | 8.0000% | 2.0000% | 2.0000% |
| 58 | 10.0000% | 20.0000% | 8.0000% | 10.0000% | 8.0000% | 8.0000% | 3.0000% | 3.0000% |
| 59 | 10.0000% | 20.0000% | 8.0000% | 10.0000% | 8.0000% | 8.0000% | 4.0000% | 4.0000% |
| 60 | 10.0000% | 20.0000% | 8.0000% | 10.0000% | 8.0000% | 8.0000% | 5.0000% | 4.5000% |
| 61 | 10.0000% | 25.0000% | 8.0000% | 10.0000% | 8.0000% | 8.0000% | 6.0000% | 2.5000% |
| 62 | 20.0000% | 20.0000% | 20.0000% | 20.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 63 | 15.0000% | 10.0000% | 15.0000% | 15.0000% | 15.0000% | 15.0000% | 0.0000% | 0.0000% |
| 64 | 15.0000% | 10.0000% | 15.0000% | 10.0000% | 15.0000% | 15.0000% | 0.0000% | 0.0000% |
| 65 | 30.0000% | 20.0000% | 30.0000% | 20.0000% | 30.0000% | 20.0000% | 0.0000% | 0.0000% |
| 66 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 20.0000% | 0.0000% | 0.0000% |
| 67 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 15.0000% | 0.0000% | 0.0000% |
| 68 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 15.0000% | 0.0000% | 0.0000% |
| 69 | 25.0000% | 20.0000% | 25.0000% | 15.0000% | 25.0000% | 15.0000% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table F

TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 8.0000% | 10.0000% | 11.0000% | 13.5000% |
| 1 | 7.0000% | 8.0000% | 10.0000% | 11.5000% |
| 2 | 6.0000% | 7.0000% | 9.0000% | 10.5000% |
| 3 | 5.0000% | 5.0000% | 8.0000% | 8.5000% |
| 4 | 4.0000% | 4.0000% | 7.0000% | 7.5000% |
| 5 | 3.0000% | 4.0000% | 6.0000% | 7.5000% |
| 6 | 2.0000% | 4.0000% | 5.0000% | 7.5000% |
| 7 | 2.0000% | 4.0000% | 5.0000% | 7.5000% |
| 8 | 2.0000% | 3.0000% | 5.0000% | 6.5000% |
| 9 | 3.0000% | 3.0000% | 6.0000% | 6.5000% |
| 10 | 2.0000% | 3.0000% | 5.0000% | 6.5000% |
| 11 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 12 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 13 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 14 | 3.0000% | 2.0000% | 6.0000% | 5.5000% |
| 15 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 16 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 17 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 18 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 19 | 6.0000% | 3.0000% | 9.0000% | 6.5000% |
| 20 | 2.0000% | 4.5000% | 5.0000% | 8.0000% |
| 21 | 3.0000% | 2.0000% | 6.0000% | 5.5000% |
| 22 | 2.0000% | 3.0000% | 5.0000% | 6.5000% |
| 23 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 24 | 2.0000% | 2.0000% | 5.0000% | 5.5000% |
| 25 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 26 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 27 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 28 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 29 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 30 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 31 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 32 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 33 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 34 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 35 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 36 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 37 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 38 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 39 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 40 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 41 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 42 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 43 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 44 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 45 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 46 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 47 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 48 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 49 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |
| 50 | 2.0000% | 1.0000% | 5.0000% | 4.5000% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

Improved Retirement Program Not Elected

| | |
|-------------------|--|
| Table D - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table D - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Improved Retirement Program Elected

| | |
|-------------------|--|
| Table E - Males | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |
| Table E - Females | Retirement in First Year Eligible (Year 1) |
| | Retirement in Second Year Eligible (Year 2) |
| | Retirement After Second Year Eligible (Ultimate) |
| | Reduced Service Retirement |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table F - Males | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |
| Table F - Females | Active Member Ordinary Mortality, Accidental Mortality |
| | Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|--|
| Table G | Salary Increases - Merit Only and Total |
| Table H | Overtime Pay: <i>In All Years</i> |
| | <i>In Year Before Service Retirement</i> |
| | <i>In Year Before Disability Retirement</i> |

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0383% | 0.0188% | 65 | 2.3625% | 1.2009% |
| 20 | 0.0396% | 0.0198% | 66 | 2.5578% | 1.3133% |
| 21 | 0.0412% | 0.0211% | 67 | 2.7531% | 1.4410% |
| 22 | 0.0428% | 0.0223% | 68 | 2.9484% | 1.5791% |
| 23 | 0.0445% | 0.0236% | 69 | 3.1437% | 1.6886% |
| 24 | 0.0466% | 0.0251% | 70 | 3.3390% | 1.7955% |
| 25 | 0.0487% | 0.0266% | 71 | 3.5931% | 2.0139% |
| 26 | 0.0512% | 0.0281% | 72 | 3.8472% | 2.2323% |
| 27 | 0.0539% | 0.0298% | 73 | 4.1013% | 2.4507% |
| 28 | 0.0569% | 0.0317% | 74 | 4.3554% | 2.6691% |
| 29 | 0.0601% | 0.0336% | 75 | 4.6095% | 2.8875% |
| 30 | 0.0637% | 0.0359% | 76 | 5.2521% | 3.2613% |
| 31 | 0.0677% | 0.0382% | 77 | 5.8947% | 3.6351% |
| 32 | 0.0721% | 0.0407% | 78 | 6.5373% | 4.0089% |
| 33 | 0.0771% | 0.0435% | 79 | 7.1799% | 4.3827% |
| 34 | 0.0824% | 0.0465% | 80 | 7.8225% | 4.7565% |
| 35 | 0.0903% | 0.0500% | 81 | 8.6016% | 5.2920% |
| 36 | 0.0952% | 0.0527% | 82 | 9.3807% | 5.8275% |
| 37 | 0.1014% | 0.0563% | 83 | 10.1598% | 6.3630% |
| 38 | 0.1091% | 0.0602% | 84 | 10.9389% | 6.8985% |
| 39 | 0.1184% | 0.0648% | 85 | 11.7180% | 7.4340% |
| 40 | 0.1300% | 0.0698% | 86 | 12.9381% | 8.4777% |
| 41 | 0.1884% | 0.0759% | 87 | 14.1582% | 9.5214% |
| 42 | 0.2468% | 0.0842% | 88 | 15.3783% | 10.5651% |
| 43 | 0.3052% | 0.0945% | 89 | 16.5984% | 11.6088% |
| 44 | 0.3636% | 0.1071% | 90 | 17.8185% | 12.6525% |
| 45 | 0.4220% | 0.1222% | 91 | 19.6407% | 14.1323% |
| 46 | 0.4804% | 0.1397% | 92 | 21.4045% | 15.5897% |
| 47 | 0.5388% | 0.1593% | 93 | 23.1144% | 17.0464% |
| 48 | 0.5972% | 0.1806% | 94 | 24.8183% | 18.4915% |
| 49 | 0.6556% | 0.2034% | 95 | 26.5253% | 20.0660% |
| 50 | 0.7140% | 0.2273% | 96 | 28.2293% | 21.7898% |
| 51 | 0.7938% | 0.2563% | 97 | 29.9296% | 23.5367% |
| 52 | 0.8736% | 0.2874% | 98 | 31.6513% | 25.3655% |
| 53 | 0.9534% | 0.3209% | 99 | 33.4235% | 27.3549% |
| 54 | 1.0332% | 0.3570% | 100 | 35.2792% | 29.5187% |
| 55 | 1.1130% | 0.3959% | 101 | 37.4703% | 32.5225% |
| 56 | 1.1886% | 0.4554% | 102 | 39.7764% | 35.8897% |
| 57 | 1.2642% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 1.3398% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.4154% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.4910% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.6653% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.8396% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 2.0139% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 2.1882% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.6151% | 0.9608% |
| 20 | 0.0285% | 0.0162% | 66 | 1.7593% | 1.0198% |
| 21 | 0.0298% | 0.0164% | 67 | 1.8937% | 1.0851% |
| 22 | 0.0308% | 0.0165% | 68 | 2.0157% | 1.1519% |
| 23 | 0.0321% | 0.0168% | 69 | 2.1492% | 1.1920% |
| 24 | 0.0330% | 0.0173% | 70 | 2.2689% | 1.2675% |
| 25 | 0.0340% | 0.0180% | 71 | 2.5026% | 1.4132% |
| 26 | 0.0356% | 0.0190% | 72 | 2.7449% | 1.5664% |
| 27 | 0.0363% | 0.0198% | 73 | 2.9958% | 1.7093% |
| 28 | 0.0374% | 0.0208% | 74 | 3.2554% | 1.8616% |
| 29 | 0.0392% | 0.0220% | 75 | 3.4664% | 2.0018% |
| 30 | 0.0422% | 0.0239% | 76 | 3.9497% | 2.2610% |
| 31 | 0.0475% | 0.0283% | 77 | 4.4600% | 2.5354% |
| 32 | 0.0535% | 0.0323% | 78 | 4.9763% | 2.7961% |
| 33 | 0.0600% | 0.0360% | 79 | 5.4987% | 3.0568% |
| 34 | 0.0668% | 0.0393% | 80 | 6.0273% | 3.3175% |
| 35 | 0.0735% | 0.0425% | 81 | 6.6679% | 3.6910% |
| 36 | 0.0800% | 0.0456% | 82 | 7.3160% | 4.0646% |
| 37 | 0.0860% | 0.0486% | 83 | 7.9236% | 4.4380% |
| 38 | 0.0911% | 0.0519% | 84 | 8.5829% | 4.8115% |
| 39 | 0.0963% | 0.0557% | 85 | 9.4031% | 5.2860% |
| 40 | 0.1021% | 0.0607% | 86 | 10.6129% | 6.1444% |
| 41 | 0.1179% | 0.0665% | 87 | 11.9381% | 7.0327% |
| 42 | 0.1386% | 0.0733% | 88 | 13.3230% | 7.9036% |
| 43 | 0.1656% | 0.0809% | 89 | 14.6796% | 8.8475% |
| 44 | 0.1963% | 0.0895% | 90 | 16.1774% | 9.6429% |
| 45 | 0.2337% | 0.0983% | 91 | 17.8319% | 11.8539% |
| 46 | 0.2728% | 0.1082% | 92 | 19.5506% | 13.9599% |
| 47 | 0.3188% | 0.1195% | 93 | 21.1124% | 16.0355% |
| 48 | 0.3658% | 0.1335% | 94 | 22.6686% | 17.7368% |
| 49 | 0.4202% | 0.1498% | 95 | 24.3740% | 19.0654% |
| 50 | 0.4745% | 0.1689% | 96 | 26.3173% | 20.1308% |
| 51 | 0.5328% | 0.1937% | 97 | 28.2576% | 21.3097% |
| 52 | 0.5821% | 0.2222% | 98 | 30.4332% | 22.1718% |
| 53 | 0.6369% | 0.2557% | 99 | 32.3332% | 22.9084% |
| 54 | 0.6878% | 0.2929% | 100 | 34.1126% | 23.5103% |
| 55 | 0.7381% | 0.3360% | 101 | 35.8628% | 24.4834% |
| 56 | 0.7930% | 0.3977% | 102 | 37.1685% | 25.4498% |
| 57 | 0.8486% | 0.4653% | 103 | 38.3040% | 26.6044% |
| 58 | 0.9049% | 0.5355% | 104 | 39.2003% | 27.9055% |
| 59 | 0.9559% | 0.6118% | 105 | 39.7886% | 29.3116% |
| 60 | 1.0070% | 0.6758% | 106 | 40.0000% | 32.0000% |
| 61 | 1.1316% | 0.7437% | 107 | 55.0000% | 49.0000% |
| 62 | 1.2500% | 0.7984% | 108 | 70.0000% | 66.0000% |
| 63 | 1.3768% | 0.8504% | 109 | 85.0000% | 83.0000% |
| 64 | 1.4959% | 0.9046% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0356% | 0.0182% | 65 | 2.1971% | 1.1649% |
| 20 | 0.0368% | 0.0192% | 66 | 2.3788% | 1.2739% |
| 21 | 0.0383% | 0.0205% | 67 | 2.5604% | 1.3978% |
| 22 | 0.0398% | 0.0216% | 68 | 2.7420% | 1.5317% |
| 23 | 0.0414% | 0.0229% | 69 | 2.9236% | 1.6379% |
| 24 | 0.0433% | 0.0243% | 70 | 3.1053% | 1.7416% |
| 25 | 0.0453% | 0.0258% | 71 | 3.3416% | 1.9535% |
| 26 | 0.0476% | 0.0273% | 72 | 3.5779% | 2.1653% |
| 27 | 0.0501% | 0.0289% | 73 | 3.8142% | 2.3772% |
| 28 | 0.0529% | 0.0307% | 74 | 4.0505% | 2.5890% |
| 29 | 0.0559% | 0.0326% | 75 | 4.2868% | 2.8009% |
| 30 | 0.0592% | 0.0348% | 76 | 4.8845% | 3.1635% |
| 31 | 0.0630% | 0.0371% | 77 | 5.4821% | 3.5260% |
| 32 | 0.0671% | 0.0395% | 78 | 6.0797% | 3.8886% |
| 33 | 0.0717% | 0.0422% | 79 | 6.6773% | 4.2512% |
| 34 | 0.0766% | 0.0451% | 80 | 7.2749% | 4.6138% |
| 35 | 0.0840% | 0.0485% | 81 | 7.9995% | 5.1332% |
| 36 | 0.0885% | 0.0511% | 82 | 8.7241% | 5.6527% |
| 37 | 0.0943% | 0.0546% | 83 | 9.4486% | 6.1721% |
| 38 | 0.1015% | 0.0584% | 84 | 10.1732% | 6.6915% |
| 39 | 0.1101% | 0.0629% | 85 | 10.8977% | 7.2110% |
| 40 | 0.1209% | 0.0677% | 86 | 12.0324% | 8.2234% |
| 41 | 0.1752% | 0.0736% | 87 | 13.1671% | 9.2358% |
| 42 | 0.2295% | 0.0817% | 88 | 14.3018% | 10.2481% |
| 43 | 0.2838% | 0.0917% | 89 | 15.4365% | 11.2605% |
| 44 | 0.3381% | 0.1039% | 90 | 16.5712% | 12.2729% |
| 45 | 0.3925% | 0.1185% | 91 | 18.2659% | 13.7083% |
| 46 | 0.4468% | 0.1355% | 92 | 19.9062% | 15.1220% |
| 47 | 0.5011% | 0.1545% | 93 | 21.4964% | 16.5350% |
| 48 | 0.5554% | 0.1752% | 94 | 23.0810% | 17.9368% |
| 49 | 0.6097% | 0.1973% | 95 | 24.6685% | 19.4640% |
| 50 | 0.6640% | 0.2205% | 96 | 26.2532% | 21.1361% |
| 51 | 0.7382% | 0.2486% | 97 | 27.8345% | 22.8306% |
| 52 | 0.8124% | 0.2788% | 98 | 29.4357% | 24.6045% |
| 53 | 0.8867% | 0.3113% | 99 | 31.0839% | 26.5343% |
| 54 | 0.9609% | 0.3463% | 100 | 32.8097% | 28.6331% |
| 55 | 1.0351% | 0.3840% | 101 | 34.8474% | 31.5468% |
| 56 | 1.1054% | 0.4417% | 102 | 36.9921% | 34.8130% |
| 57 | 1.1757% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 1.2460% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 1.3163% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.3866% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.5487% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.7108% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.8729% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 2.0350% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.3072% | 0.8912% |
| 20 | 0.0214% | 0.0127% | 66 | 1.4458% | 0.9460% |
| 21 | 0.0227% | 0.0127% | 67 | 1.5562% | 1.0065% |
| 22 | 0.0238% | 0.0128% | 68 | 1.6314% | 1.0685% |
| 23 | 0.0256% | 0.0132% | 69 | 1.7395% | 1.1057% |
| 24 | 0.0271% | 0.0138% | 70 | 1.8086% | 1.1757% |
| 25 | 0.0292% | 0.0146% | 71 | 1.9949% | 1.2912% |
| 26 | 0.0325% | 0.0158% | 72 | 2.1881% | 1.4312% |
| 27 | 0.0337% | 0.0165% | 73 | 2.3882% | 1.5384% |
| 28 | 0.0347% | 0.0174% | 74 | 2.5951% | 1.6754% |
| 29 | 0.0363% | 0.0183% | 75 | 2.8056% | 1.7746% |
| 30 | 0.0392% | 0.0205% | 76 | 3.1968% | 2.0044% |
| 31 | 0.0440% | 0.0251% | 77 | 3.6651% | 2.2818% |
| 32 | 0.0496% | 0.0286% | 78 | 4.1520% | 2.5165% |
| 33 | 0.0557% | 0.0314% | 79 | 4.6581% | 2.7511% |
| 34 | 0.0619% | 0.0338% | 80 | 5.1838% | 2.9858% |
| 35 | 0.0682% | 0.0360% | 81 | 5.8223% | 3.3219% |
| 36 | 0.0742% | 0.0380% | 82 | 6.4856% | 3.6581% |
| 37 | 0.0798% | 0.0399% | 83 | 7.0242% | 3.9942% |
| 38 | 0.0833% | 0.0420% | 84 | 7.7246% | 4.3303% |
| 39 | 0.0867% | 0.0444% | 85 | 8.4628% | 4.8297% |
| 40 | 0.0905% | 0.0484% | 86 | 9.5516% | 5.6994% |
| 41 | 0.1029% | 0.0530% | 87 | 10.9077% | 6.6224% |
| 42 | 0.1192% | 0.0585% | 88 | 12.3580% | 7.4425% |
| 43 | 0.1402% | 0.0645% | 89 | 13.6163% | 8.4576% |
| 44 | 0.1638% | 0.0713% | 90 | 15.2335% | 9.2180% |
| 45 | 0.1921% | 0.0772% | 91 | 16.7914% | 11.3315% |
| 46 | 0.2208% | 0.0837% | 92 | 18.6890% | 13.3447% |
| 47 | 0.2541% | 0.0910% | 93 | 20.1820% | 15.5611% |
| 48 | 0.2872% | 0.1016% | 94 | 21.6697% | 17.2121% |
| 49 | 0.3249% | 0.1140% | 95 | 23.6529% | 18.5013% |
| 50 | 0.3613% | 0.1306% | 96 | 25.5388% | 19.5353% |
| 51 | 0.3996% | 0.1521% | 97 | 27.4217% | 20.9923% |
| 52 | 0.4299% | 0.1798% | 98 | 29.9799% | 21.8415% |
| 53 | 0.4704% | 0.2134% | 99 | 31.8515% | 22.5671% |
| 54 | 0.5080% | 0.2519% | 100 | 33.6045% | 23.1601% |
| 55 | 0.5535% | 0.2978% | 101 | 35.8628% | 24.4834% |
| 56 | 0.6039% | 0.3633% | 102 | 37.1685% | 25.4498% |
| 57 | 0.6562% | 0.4316% | 103 | 38.3040% | 26.6044% |
| 58 | 0.7104% | 0.4968% | 104 | 39.2003% | 27.9055% |
| 59 | 0.7505% | 0.5674% | 105 | 39.7886% | 29.3116% |
| 60 | 0.7906% | 0.6269% | 106 | 40.0000% | 32.0000% |
| 61 | 0.9020% | 0.6898% | 107 | 55.0000% | 49.0000% |
| 62 | 0.9964% | 0.7406% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1143% | 0.7888% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2108% | 0.8391% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.4868% | 2.9185% | 65 | 4.7703% | 3.6656% |
| 20 | 1.5171% | 2.9332% | 66 | 4.9416% | 3.7326% |
| 21 | 1.5551% | 2.9479% | 67 | 5.1271% | 3.8165% |
| 22 | 1.5940% | 2.9625% | 68 | 5.3282% | 3.9186% |
| 23 | 1.6338% | 2.9772% | 69 | 5.5462% | 4.0408% |
| 24 | 1.6747% | 2.9919% | 70 | 5.7836% | 4.1852% |
| 25 | 1.7165% | 3.0065% | 71 | 6.0425% | 4.3539% |
| 26 | 1.7593% | 3.0212% | 72 | 6.3252% | 4.5492% |
| 27 | 1.8032% | 3.0359% | 73 | 6.6331% | 4.7727% |
| 28 | 1.8481% | 3.0505% | 74 | 6.9670% | 5.0254% |
| 29 | 1.8941% | 3.0652% | 75 | 7.3280% | 5.3087% |
| 30 | 1.9411% | 3.0799% | 76 | 7.7518% | 5.6240% |
| 31 | 1.9894% | 3.0945% | 77 | 8.2080% | 5.9721% |
| 32 | 2.0387% | 3.1092% | 78 | 8.6969% | 6.3530% |
| 33 | 2.0893% | 3.1239% | 79 | 9.2196% | 6.7686% |
| 34 | 2.1411% | 3.1385% | 80 | 9.7769% | 7.2198% |
| 35 | 2.1942% | 3.1532% | 81 | 10.3691% | 7.6524% |
| 36 | 2.2485% | 3.1679% | 82 | 10.9966% | 8.1151% |
| 37 | 2.3041% | 3.1825% | 83 | 11.6644% | 8.6148% |
| 38 | 2.3610% | 3.1972% | 84 | 12.3756% | 9.1546% |
| 39 | 2.4193% | 3.2119% | 85 | 13.1331% | 9.7383% |
| 40 | 2.4790% | 3.2265% | 86 | 14.0005% | 10.3698% |
| 41 | 2.5296% | 3.2412% | 87 | 14.9277% | 11.0538% |
| 42 | 2.5812% | 3.2559% | 88 | 15.9188% | 11.7950% |
| 43 | 2.6339% | 3.2705% | 89 | 16.9788% | 12.5989% |
| 44 | 2.6876% | 3.2852% | 90 | 18.1123% | 13.4715% |
| 45 | 2.7425% | 3.2999% | 91 | 19.6407% | 14.3136% |
| 46 | 2.7635% | 3.3145% | 92 | 21.4045% | 15.5897% |
| 47 | 2.7842% | 3.3292% | 93 | 23.1144% | 17.0464% |
| 48 | 2.8470% | 3.3438% | 94 | 24.8183% | 18.4915% |
| 49 | 2.9095% | 3.3585% | 95 | 26.5253% | 20.0660% |
| 50 | 2.9719% | 3.3732% | 96 | 28.2293% | 21.7898% |
| 51 | 3.0611% | 3.3878% | 97 | 29.9296% | 23.5367% |
| 52 | 3.1519% | 3.4025% | 98 | 31.6513% | 25.3655% |
| 53 | 3.2472% | 3.4172% | 99 | 33.4235% | 27.3549% |
| 54 | 3.3441% | 3.4318% | 100 | 35.2792% | 29.5187% |
| 55 | 3.4421% | 3.4465% | 101 | 37.4703% | 32.5225% |
| 56 | 3.5576% | 3.4612% | 102 | 39.7764% | 35.8897% |
| 57 | 3.6755% | 3.4758% | 103 | 43.5427% | 39.5843% |
| 58 | 3.7963% | 3.4905% | 104 | 48.2196% | 43.8360% |
| 59 | 3.9205% | 3.5052% | 105 | 53.6598% | 48.7816% |
| 60 | 4.0483% | 3.5198% | 106 | 60.0475% | 54.5886% |
| 61 | 4.1804% | 3.5291% | 107 | 67.5740% | 61.4309% |
| 62 | 4.3176% | 3.5469% | 108 | 76.4374% | 69.4885% |
| 63 | 4.4605% | 3.5746% | 109 | 86.8421% | 78.9474% |
| 64 | 4.6107% | 3.6136% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0547% | 0.0318% | 65 | 3.7504% | 2.8972% |
| 20 | 0.1500% | 0.1248% | 66 | 3.9004% | 2.9727% |
| 21 | 0.2467% | 0.2166% | 67 | 4.0276% | 3.0482% |
| 22 | 0.3447% | 0.3093% | 68 | 4.1296% | 3.1237% |
| 23 | 0.4464% | 0.4044% | 69 | 4.2560% | 3.1992% |
| 24 | 0.5507% | 0.5006% | 70 | 4.3557% | 3.2746% |
| 25 | 0.6615% | 0.5980% | 71 | 4.4813% | 3.3300% |
| 26 | 0.7807% | 0.7008% | 72 | 4.6070% | 3.4050% |
| 27 | 0.8892% | 0.7963% | 73 | 4.7326% | 3.9946% |
| 28 | 0.9929% | 0.8918% | 74 | 4.9708% | 4.2061% |
| 29 | 1.0965% | 0.9873% | 75 | 5.2603% | 4.4164% |
| 30 | 1.2003% | 1.0960% | 76 | 5.8295% | 4.6788% |
| 31 | 1.3039% | 1.2072% | 77 | 6.4925% | 4.9984% |
| 32 | 1.4076% | 1.3051% | 78 | 7.2220% | 5.3173% |
| 33 | 1.5114% | 1.3944% | 79 | 7.8632% | 5.6651% |
| 34 | 1.6150% | 1.4826% | 80 | 8.5604% | 6.0427% |
| 35 | 1.7187% | 1.5698% | 81 | 9.1341% | 6.4048% |
| 36 | 1.8225% | 1.6557% | 82 | 9.7456% | 6.7921% |
| 37 | 1.9261% | 1.7406% | 83 | 10.3375% | 7.2104% |
| 38 | 2.0176% | 1.8244% | 84 | 11.0343% | 7.6622% |
| 39 | 2.1079% | 1.9071% | 85 | 11.7097% | 8.2001% |
| 40 | 2.1970% | 2.0009% | 86 | 12.4831% | 9.0774% |
| 41 | 2.2314% | 2.0242% | 87 | 13.3905% | 10.0487% |
| 42 | 2.3015% | 2.0475% | 88 | 14.3659% | 11.0576% |
| 43 | 2.3384% | 2.0708% | 89 | 15.3225% | 12.0026% |
| 44 | 2.3758% | 2.0941% | 90 | 16.4442% | 12.8339% |
| 45 | 2.4138% | 2.1818% | 91 | 17.8319% | 13.6362% |
| 46 | 2.4524% | 2.2167% | 92 | 19.5506% | 14.8518% |
| 47 | 2.4917% | 2.2521% | 93 | 21.1124% | 16.3376% |
| 48 | 2.5315% | 2.2653% | 94 | 22.6686% | 17.9142% |
| 49 | 2.5720% | 2.2784% | 95 | 24.3740% | 19.2316% |
| 50 | 2.6132% | 2.3055% | 96 | 26.5805% | 20.8837% |
| 51 | 2.6550% | 2.3328% | 97 | 28.5402% | 22.6940% |
| 52 | 2.6975% | 2.3749% | 98 | 30.7376% | 24.4572% |
| 53 | 2.7681% | 2.4175% | 99 | 32.6565% | 26.3755% |
| 54 | 2.8670% | 2.4607% | 100 | 34.4537% | 28.4617% |
| 55 | 2.9623% | 2.5046% | 101 | 36.2214% | 31.5468% |
| 56 | 3.0589% | 2.5492% | 102 | 37.5402% | 34.8130% |
| 57 | 3.1070% | 2.5788% | 103 | 40.4947% | 38.3968% |
| 58 | 3.1984% | 2.5929% | 104 | 44.8442% | 42.5209% |
| 59 | 3.2708% | 2.6071% | 105 | 49.9036% | 47.3182% |
| 60 | 3.3432% | 2.6213% | 106 | 55.8442% | 52.9509% |
| 61 | 3.4364% | 2.6461% | 107 | 80.7632% | 59.5880% |
| 62 | 3.5092% | 2.6709% | 108 | 92.000% | 83.0000% |
| 63 | 3.6040% | 2.7463% | 109 | 100.000% | 95.0000% |
| 64 | 3.6772% | 2.8218% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 1.3827% | 2.8309% | 65 | 4.4364% | 3.5556% |
| 20 | 1.4109% | 2.8452% | 66 | 4.5957% | 3.6206% |
| 21 | 1.4462% | 2.8595% | 67 | 4.7682% | 3.7020% |
| 22 | 1.4824% | 2.8736% | 68 | 4.9552% | 3.8010% |
| 23 | 1.5194% | 2.8879% | 69 | 5.1580% | 3.9196% |
| 24 | 1.5575% | 2.9021% | 70 | 5.3787% | 4.0596% |
| 25 | 1.5963% | 2.9163% | 71 | 5.6195% | 4.2233% |
| 26 | 1.6361% | 2.9306% | 72 | 5.8824% | 4.4127% |
| 27 | 1.6770% | 2.9448% | 73 | 6.1688% | 4.6295% |
| 28 | 1.7187% | 2.9590% | 74 | 6.4793% | 4.8746% |
| 29 | 1.7615% | 2.9732% | 75 | 6.8150% | 5.1494% |
| 30 | 1.8052% | 2.9875% | 76 | 7.2092% | 5.4553% |
| 31 | 1.8501% | 3.0017% | 77 | 7.6334% | 5.7929% |
| 32 | 1.8960% | 3.0159% | 78 | 8.0881% | 6.1624% |
| 33 | 1.9430% | 3.0302% | 79 | 8.5742% | 6.5655% |
| 34 | 1.9912% | 3.0443% | 80 | 9.0925% | 7.0032% |
| 35 | 2.0406% | 3.0586% | 81 | 9.6433% | 7.4228% |
| 36 | 2.0911% | 3.0729% | 82 | 10.2268% | 7.8716% |
| 37 | 2.1428% | 3.0870% | 83 | 10.8479% | 8.3564% |
| 38 | 2.1957% | 3.1013% | 84 | 11.5093% | 8.8800% |
| 39 | 2.2499% | 3.1155% | 85 | 12.2138% | 9.4462% |
| 40 | 2.3055% | 3.1297% | 86 | 13.0205% | 10.0587% |
| 41 | 2.3525% | 3.1440% | 87 | 13.8828% | 10.7222% |
| 42 | 2.4005% | 3.1582% | 88 | 14.8045% | 11.4412% |
| 43 | 2.4495% | 3.1724% | 89 | 15.7903% | 12.2209% |
| 44 | 2.4995% | 3.1866% | 90 | 16.8444% | 13.0674% |
| 45 | 2.5505% | 3.2009% | 91 | 18.2659% | 13.8842% |
| 46 | 2.5701% | 3.2151% | 92 | 19.9062% | 15.1220% |
| 47 | 2.5893% | 3.2293% | 93 | 21.4964% | 16.5350% |
| 48 | 2.6477% | 3.2435% | 94 | 23.0810% | 17.9368% |
| 49 | 2.7058% | 3.2577% | 95 | 24.6685% | 19.4640% |
| 50 | 2.7639% | 3.2720% | 96 | 26.2532% | 21.1361% |
| 51 | 2.8468% | 3.2862% | 97 | 27.8345% | 22.8306% |
| 52 | 2.9313% | 3.3004% | 98 | 29.4357% | 24.6045% |
| 53 | 3.0199% | 3.3147% | 99 | 31.0839% | 26.5343% |
| 54 | 3.1100% | 3.3288% | 100 | 32.8097% | 28.6331% |
| 55 | 3.2012% | 3.3431% | 101 | 34.8474% | 31.5468% |
| 56 | 3.3086% | 3.3574% | 102 | 36.9921% | 34.8130% |
| 57 | 3.4182% | 3.3715% | 103 | 40.4947% | 38.3968% |
| 58 | 3.5306% | 3.3858% | 104 | 44.8442% | 42.5209% |
| 59 | 3.6461% | 3.4000% | 105 | 49.9036% | 47.3182% |
| 60 | 3.7649% | 3.4142% | 106 | 55.8442% | 52.9509% |
| 61 | 3.8878% | 3.4232% | 107 | 62.8438% | 59.5880% |
| 62 | 4.0154% | 3.4405% | 108 | 71.0868% | 67.4038% |
| 63 | 4.1483% | 3.4674% | 109 | 80.7632% | 76.5790% |
| 64 | 4.2880% | 3.5052% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0410% | 0.0253% | 65 | 3.0355% | 2.6874% |
| 20 | 0.1125% | 0.0980% | 66 | 3.2053% | 2.7574% |
| 21 | 0.1879% | 0.1675% | 67 | 3.3098% | 2.8274% |
| 22 | 0.2665% | 0.2391% | 68 | 3.3424% | 2.8975% |
| 23 | 0.3559% | 0.3175% | 69 | 3.4447% | 2.9675% |
| 24 | 0.4526% | 0.3990% | 70 | 3.4722% | 3.0374% |
| 25 | 0.5689% | 0.4840% | 71 | 3.5723% | 3.0425% |
| 26 | 0.7133% | 0.5848% | 72 | 3.6725% | 3.1111% |
| 27 | 0.8248% | 0.6644% | 73 | 3.7726% | 3.5951% |
| 28 | 0.9210% | 0.7441% | 74 | 3.9625% | 3.7854% |
| 29 | 1.0171% | 0.8238% | 75 | 4.2576% | 3.9151% |
| 30 | 1.1133% | 0.9426% | 76 | 4.7183% | 4.1477% |
| 31 | 1.2094% | 1.0702% | 77 | 5.3354% | 4.4986% |
| 32 | 1.3057% | 1.1569% | 78 | 6.0258% | 4.7855% |
| 33 | 1.4019% | 1.2175% | 79 | 6.6610% | 5.0985% |
| 34 | 1.4980% | 1.2752% | 80 | 7.3625% | 5.4384% |
| 35 | 1.5942% | 1.3298% | 81 | 7.9758% | 5.7643% |
| 36 | 1.6905% | 1.3815% | 82 | 8.6394% | 6.1128% |
| 37 | 1.7866% | 1.4304% | 83 | 9.1641% | 6.4893% |
| 38 | 1.8435% | 1.4767% | 84 | 9.9308% | 6.8959% |
| 39 | 1.8971% | 1.5202% | 85 | 10.5387% | 7.4923% |
| 40 | 1.9476% | 1.5950% | 86 | 11.2347% | 8.4199% |
| 41 | 1.9484% | 1.6136% | 87 | 12.2346% | 9.4624% |
| 42 | 1.9795% | 1.6322% | 88 | 13.3253% | 10.4124% |
| 43 | 1.9809% | 1.6508% | 89 | 14.2127% | 11.4736% |
| 44 | 1.9823% | 1.6693% | 90 | 15.4847% | 12.2684% |
| 45 | 1.9836% | 1.7129% | 91 | 16.7914% | 13.0352% |
| 46 | 1.9849% | 1.7140% | 92 | 18.6890% | 14.1974% |
| 47 | 1.9862% | 1.7150% | 93 | 20.1820% | 15.8542% |
| 48 | 1.9875% | 1.7250% | 94 | 21.6697% | 17.3842% |
| 49 | 1.9887% | 1.7350% | 95 | 23.6529% | 18.6627% |
| 50 | 1.9899% | 1.7826% | 96 | 25.7942% | 20.2659% |
| 51 | 1.9911% | 1.8315% | 97 | 27.6959% | 22.3559% |
| 52 | 1.9923% | 1.9222% | 98 | 30.2797% | 24.0929% |
| 53 | 2.0444% | 2.0171% | 99 | 32.1701% | 25.9826% |
| 54 | 2.1175% | 2.1164% | 100 | 33.9405% | 28.0378% |
| 55 | 2.2216% | 2.2203% | 101 | 36.2214% | 31.5468% |
| 56 | 2.3294% | 2.3291% | 102 | 37.5402% | 34.8130% |
| 57 | 2.4024% | 2.3920% | 103 | 40.4947% | 38.3968% |
| 58 | 2.5111% | 2.4051% | 104 | 44.8442% | 42.5209% |
| 59 | 2.5679% | 2.4183% | 105 | 49.9036% | 47.3182% |
| 60 | 2.6247% | 2.4314% | 106 | 55.8442% | 52.9509% |
| 61 | 2.7394% | 2.4544% | 107 | 80.7632% | 59.5880% |
| 62 | 2.7974% | 2.4774% | 108 | 92.000% | 83.0000% |
| 63 | 2.9170% | 2.5474% | 109 | 100.000% | 95.0000% |
| 64 | 2.9763% | 2.6175% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|---------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 6.0000% | 3.1200% | 4.5000% | 2.3000% |
| 1 | 5.6000% | 2.9120% | 4.3000% | 2.2000% |
| 2 | 5.2000% | 2.7040% | 4.1000% | 2.1000% |
| 3 | 4.8000% | 2.4960% | 3.9000% | 3.0000% |
| 4 | 4.4000% | 2.2880% | 3.7000% | 2.8000% |
| 5 | 4.0000% | 3.5600% | 3.5000% | 2.7000% |
| 6 | 3.7000% | 3.2930% | 3.3000% | 2.5000% |
| 7 | 3.4000% | 3.0260% | 3.1000% | 2.4000% |
| 8 | 3.1000% | 2.7590% | 2.9000% | 2.2000% |
| 9 | 2.8000% | 2.4920% | 2.7000% | 2.1000% |
| 10 | 2.5000% | 2.2250% | 2.5000% | 1.1000% |
| 11 | 2.3000% | 0.9200% | 2.4000% | 1.1000% |
| 12 | 2.1000% | 0.8400% | 2.3000% | 1.0000% |
| 13 | 1.9000% | 0.7600% | 2.2000% | 1.0000% |
| 14 | 1.7000% | 0.6800% | 2.1000% | 0.9000% |
| 15 | 1.5000% | 0.6000% | 2.0000% | 0.9000% |
| 16 | 1.4000% | 0.5600% | 1.9000% | 0.8000% |
| 17 | 1.3000% | 0.5200% | 1.8000% | 0.8000% |
| 18 | 1.2000% | 0.4800% | 1.7000% | 0.7000% |
| 19 | 1.1000% | 0.4400% | 1.6000% | 0.7000% |
| 20 | 1.0000% | 0.4000% | 1.5000% | 0.7000% |
| 21 | 1.0000% | 0.4000% | 1.4000% | 0.6000% |
| 22 | 1.0000% | 0.4000% | 1.3000% | 0.6000% |
| 23 | 1.0000% | 0.4000% | 1.2000% | 0.5000% |
| 24 | 1.0000% | 0.4000% | 1.1000% | 0.5000% |
| 25 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 26 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 27 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 28 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 29 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 30 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 31 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 32 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 33 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 34 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 35 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 36 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 37 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 38 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 39 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 40 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 41 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 42 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 43 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 44 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |
| 45 | 1.0000% | 0.4000% | 1.0000% | 0.4000% |

Table D - Males

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Males | | | | | | | | |
|---|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | | |
| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 20.0000% | 20.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 43 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 44 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 45 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 46 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 47 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 48 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 49 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 50 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 51 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 52 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 53 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 54 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 55 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 56 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 57 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 58 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 3.0000% | 2.4600% |
| 59 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 4.0000% | 3.2800% |
| 60 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 5.0000% | 4.1000% |
| 61 | 20.0000% | 16.2000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 6.0000% | 4.9200% |
| 62 | 30.0000% | 24.3000% | 30.0000% | 30.0000% | 30.0000% | 30.9000% | 0.0000% | 0.0000% |
| 63 | 20.0000% | 10.0000% | 15.0000% | 14.8500% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 64 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 65 | 25.0000% | 12.5000% | 25.0000% | 13.5000% | 25.0000% | 25.7500% | 0.0000% | 0.0000% |
| 66 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 67 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 68 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 69 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table D - Females

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

MEMBERS WHO DO NOT ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|-----------|-------------|-----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 20.0000% | 20.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 43 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 44 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 45 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 46 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 47 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 48 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 49 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 50 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 51 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 52 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 53 | 20.0000% | 20.0000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 54 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 55 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 56 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 57 | 20.0000% | 35.6000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 2.0000% | 2.7200% |
| 58 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 3.0000% | 2.4600% |
| 59 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 4.0000% | 3.2800% |
| 60 | 20.0000% | 9.8000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 5.0000% | 4.1000% |
| 61 | 20.0000% | 16.2000% | 15.0000% | 15.0000% | 15.0000% | 15.4500% | 6.0000% | 4.9200% |
| 62 | 30.0000% | 24.3000% | 30.0000% | 30.0000% | 30.0000% | 30.9000% | 0.0000% | 0.0000% |
| 63 | 20.0000% | 10.0000% | 15.0000% | 14.8500% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 64 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 65 | 25.0000% | 12.5000% | 25.0000% | 13.5000% | 25.0000% | 25.7500% | 0.0000% | 0.0000% |
| 66 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 67 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 68 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 69 | 20.0000% | 10.0000% | 15.0000% | 8.1000% | 15.0000% | 15.4500% | 0.0000% | 0.0000% |
| 70 | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 0.0000% | 0.0000% |

Table E - Males

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Males

MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM

| Age | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
|-----|------------------------------|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | | |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 60.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |

Table E - Females

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

Females

| Age | MEMBERS WHO ELECT AN IMPROVED RETIREMENT PROGRAM | | | | | | | |
|-----|--|-------------|----------|-------------|----------|-------------|----------------------------|-------------|
| | Unreduced Service Retirement | | | | | | Reduced Service Retirement | |
| | Year 1 | | Year 2 | | Ultimate | | Current | Recommended |
| | Current | Recommended | Current | Recommended | Current | Recommended | Current | Recommended |
| 19 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 60.0000% | 60.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 43 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 44 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 45 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 46 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 47 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 48 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 49 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 50 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 51 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 52 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 53 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 54 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 55 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 56 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 57 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 58 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 59 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 60 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 61 | 60.0000% | 60.0000% | 40.0000% | 40.0000% | 20.0000% | 20.0000% | 0.0000% | 0.0000% |
| 62 | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 0.0000% | 0.0000% |
| 63 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 64 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 65 | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 60.0000% | 0.0000% | 0.0000% |
| 66 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 67 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 68 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |
| 69 | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 40.0000% | 0.0000% | 0.0000% |

Table G

NEW YORK CITY BOARD OF EDUCATION RETIREMENT SYSTEM

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 5.0000% | 4.6000% | 8.0000% | 8.1000% |
| 1 | 4.2000% | 3.8640% | 7.2000% | 7.3640% |
| 2 | 3.5000% | 3.2200% | 6.5000% | 6.7200% |
| 3 | 3.0000% | 2.7600% | 6.0000% | 6.2600% |
| 4 | 2.7000% | 2.4840% | 5.7000% | 5.9840% |
| 5 | 2.5000% | 2.3000% | 5.5000% | 5.8000% |
| 6 | 2.4000% | 2.2080% | 5.4000% | 5.7080% |
| 7 | 2.3000% | 2.1160% | 5.3000% | 5.6160% |
| 8 | 2.2000% | 2.0240% | 5.2000% | 5.5240% |
| 9 | 2.1000% | 1.9320% | 5.1000% | 5.4320% |
| 10 | 2.0000% | 1.8400% | 5.0000% | 5.3400% |
| 11 | 1.9000% | 1.7480% | 4.9000% | 5.2480% |
| 12 | 1.8000% | 1.8000% | 4.8000% | 5.3000% |
| 13 | 1.7000% | 1.7000% | 4.7000% | 5.2000% |
| 14 | 1.6000% | 1.6000% | 4.6000% | 5.1000% |
| 15 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 16 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 17 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 18 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 19 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 20 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 21 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 22 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 23 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 24 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 25 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 26 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 27 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 28 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 29 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 30 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 31 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 32 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 33 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 34 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 35 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 36 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 37 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 38 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 39 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 40 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 41 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 42 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 43 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 44 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 45 | 1.5000% | 1.5000% | 4.5000% | 5.0000% |
| 46 | 1.5000% | 0.0000% | 4.5000% | 3.5000% |
| 47 | 1.5000% | 0.0000% | 4.5000% | 3.5000% |
| 48 | 1.5000% | 0.0000% | 4.5000% | 3.5000% |
| 49 | 1.5000% | 0.0000% | 4.5000% | 3.5000% |
| 50 | 1.5000% | 0.0000% | 4.5000% | 3.5000% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

NEW YORK CITY POLICE PENSION FUND

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

| | |
|-------------------|---|
| Table D - Males | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) |
| Table D - Females | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table E - Males | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |
| Table E - Females | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|---|
| Table F | Salary Increases - Merit Only and Total |
| Table G | Overtime Pay: <i>In All Years</i> <i>In Year Before Service Retirement</i> <i>In Year Before Disability Retirement</i> |

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT RECOMMENDED BY THE ACTUARY

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0188% | 65 | 1.6021% | 1.2009% |
| 20 | 0.0377% | 0.0198% | 66 | 1.6985% | 1.3133% |
| 21 | 0.0392% | 0.0211% | 67 | 1.7949% | 1.4410% |
| 22 | 0.0408% | 0.0223% | 68 | 2.0171% | 1.5791% |
| 23 | 0.0424% | 0.0236% | 69 | 2.2393% | 1.6886% |
| 24 | 0.0444% | 0.0251% | 70 | 2.4615% | 1.7955% |
| 25 | 0.0464% | 0.0266% | 71 | 2.6836% | 2.0139% |
| 26 | 0.0488% | 0.0281% | 72 | 2.9058% | 2.2323% |
| 27 | 0.0513% | 0.0298% | 73 | 3.1707% | 2.4507% |
| 28 | 0.0542% | 0.0317% | 74 | 3.4356% | 2.6691% |
| 29 | 0.0572% | 0.0336% | 75 | 3.7005% | 2.8875% |
| 30 | 0.0607% | 0.0359% | 76 | 3.9654% | 3.2613% |
| 31 | 0.0645% | 0.0382% | 77 | 4.2303% | 3.6351% |
| 32 | 0.0687% | 0.0407% | 78 | 4.6839% | 4.0089% |
| 33 | 0.0734% | 0.0435% | 79 | 5.1374% | 4.3827% |
| 34 | 0.0785% | 0.0465% | 80 | 5.5909% | 4.7565% |
| 35 | 0.0860% | 0.0500% | 81 | 6.0445% | 5.2920% |
| 36 | 0.0907% | 0.0527% | 82 | 6.4980% | 5.8275% |
| 37 | 0.0966% | 0.0563% | 83 | 7.3449% | 6.3630% |
| 38 | 0.1039% | 0.0602% | 84 | 8.1918% | 6.8985% |
| 39 | 0.1128% | 0.0648% | 85 | 9.0387% | 7.4340% |
| 40 | 0.1238% | 0.0698% | 86 | 9.8855% | 8.4777% |
| 41 | 0.1413% | 0.0759% | 87 | 10.7324% | 9.5214% |
| 42 | 0.1588% | 0.0842% | 88 | 12.0976% | 10.5651% |
| 43 | 0.1763% | 0.0945% | 89 | 13.4628% | 11.6088% |
| 44 | 0.1939% | 0.1071% | 90 | 14.8279% | 12.6525% |
| 45 | 0.2114% | 0.1222% | 91 | 16.2745% | 14.1323% |
| 46 | 0.2289% | 0.1397% | 92 | 17.7071% | 15.5897% |
| 47 | 0.2464% | 0.1593% | 93 | 19.1300% | 17.0464% |
| 48 | 0.2639% | 0.1806% | 94 | 20.5890% | 18.4915% |
| 49 | 0.2814% | 0.2034% | 95 | 22.0925% | 20.0660% |
| 50 | 0.2990% | 0.2273% | 96 | 23.8377% | 21.7898% |
| 51 | 0.3954% | 0.2563% | 97 | 25.5920% | 23.5367% |
| 52 | 0.4918% | 0.2874% | 98 | 27.3795% | 25.3655% |
| 53 | 0.5882% | 0.3209% | 99 | 29.5004% | 27.3549% |
| 54 | 0.6846% | 0.3570% | 100 | 32.4706% | 29.5187% |
| 55 | 0.7420% | 0.3959% | 101 | 35.7748% | 32.5225% |
| 56 | 0.8176% | 0.4554% | 102 | 39.4787% | 35.8897% |
| 57 | 0.8932% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 0.9688% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 1.0444% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 1.1200% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 1.2164% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 1.3128% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 1.4093% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 1.5057% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.3607% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.4515% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.5927% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 1.7720% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 1.9136% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.1326% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.3249% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.5175% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.7470% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 2.9765% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 3.3205% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.6598% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 4.0372% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 4.6189% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 5.2311% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 5.8743% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 6.3895% | 4.9213% |
| 36 | 0.0820% | 0.0456% | 82 | 6.9105% | 5.4194% |
| 37 | 0.0899% | 0.0486% | 83 | 7.8113% | 5.9174% |
| 38 | 0.0978% | 0.0519% | 84 | 8.7648% | 6.4153% |
| 39 | 0.1075% | 0.0557% | 85 | 9.6709% | 6.9553% |
| 40 | 0.1261% | 0.0607% | 86 | 10.5769% | 7.9798% |
| 41 | 0.1494% | 0.0665% | 87 | 11.5526% | 9.0163% |
| 42 | 0.1669% | 0.0732% | 88 | 13.1010% | 10.0046% |
| 43 | 0.1842% | 0.0806% | 89 | 15.1868% | 11.0593% |
| 44 | 0.2096% | 0.0885% | 90 | 17.1643% | 12.0536% |
| 45 | 0.2363% | 0.0957% | 91 | 19.2084% | 13.4634% |
| 46 | 0.2445% | 0.1050% | 92 | 21.0254% | 14.8518% |
| 47 | 0.2512% | 0.1162% | 93 | 22.7150% | 16.3376% |
| 48 | 0.2582% | 0.1308% | 94 | 24.4474% | 17.7226% |
| 49 | 0.2651% | 0.1483% | 95 | 26.3909% | 19.2316% |
| 50 | 0.2719% | 0.1701% | 96 | 28.4757% | 20.8837% |
| 51 | 0.2786% | 0.1984% | 97 | 30.3352% | 22.6940% |
| 52 | 0.3241% | 0.2319% | 98 | 32.2285% | 24.4572% |
| 53 | 0.3780% | 0.2708% | 99 | 33.7962% | 26.3755% |
| 54 | 0.4399% | 0.3154% | 100 | 35.0945% | 28.4617% |
| 55 | 0.4675% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.5473% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6459% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7399% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.8532% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 0.9512% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.0304% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.1057% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1757% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2684% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT RECOMMENDED BY THE ACTUARY

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0339% | 0.0182% | 65 | 1.4900% | 1.1649% |
| 20 | 0.0351% | 0.0192% | 66 | 1.5796% | 1.2739% |
| 21 | 0.0365% | 0.0205% | 67 | 1.6693% | 1.3978% |
| 22 | 0.0379% | 0.0216% | 68 | 1.8759% | 1.5317% |
| 23 | 0.0394% | 0.0229% | 69 | 2.0825% | 1.6379% |
| 24 | 0.0413% | 0.0243% | 70 | 2.2892% | 1.7416% |
| 25 | 0.0432% | 0.0258% | 71 | 2.4957% | 1.9535% |
| 26 | 0.0454% | 0.0273% | 72 | 2.7024% | 2.1653% |
| 27 | 0.0477% | 0.0289% | 73 | 2.9488% | 2.3772% |
| 28 | 0.0504% | 0.0307% | 74 | 3.1951% | 2.5890% |
| 29 | 0.0532% | 0.0326% | 75 | 3.4415% | 2.8009% |
| 30 | 0.0565% | 0.0348% | 76 | 3.6878% | 3.1635% |
| 31 | 0.0600% | 0.0371% | 77 | 3.9342% | 3.5260% |
| 32 | 0.0639% | 0.0395% | 78 | 4.3560% | 3.8886% |
| 33 | 0.0683% | 0.0422% | 79 | 4.7778% | 4.2512% |
| 34 | 0.0730% | 0.0451% | 80 | 5.1995% | 4.6138% |
| 35 | 0.0800% | 0.0485% | 81 | 5.6214% | 5.1332% |
| 36 | 0.0844% | 0.0511% | 82 | 6.0431% | 5.6527% |
| 37 | 0.0898% | 0.0546% | 83 | 6.8308% | 6.1721% |
| 38 | 0.0966% | 0.0584% | 84 | 7.6184% | 6.6915% |
| 39 | 0.1049% | 0.0629% | 85 | 8.4060% | 7.2110% |
| 40 | 0.1151% | 0.0677% | 86 | 9.1935% | 8.2234% |
| 41 | 0.1314% | 0.0736% | 87 | 9.9811% | 9.2358% |
| 42 | 0.1477% | 0.0817% | 88 | 11.2508% | 10.2481% |
| 43 | 0.1640% | 0.0917% | 89 | 12.5204% | 11.2605% |
| 44 | 0.1803% | 0.1039% | 90 | 13.7899% | 12.2729% |
| 45 | 0.1966% | 0.1185% | 91 | 15.1353% | 13.7083% |
| 46 | 0.2129% | 0.1355% | 92 | 16.4676% | 15.1220% |
| 47 | 0.2292% | 0.1545% | 93 | 17.7909% | 16.5350% |
| 48 | 0.2454% | 0.1752% | 94 | 19.1478% | 17.9368% |
| 49 | 0.2617% | 0.1973% | 95 | 20.5460% | 19.4640% |
| 50 | 0.2781% | 0.2205% | 96 | 22.1691% | 21.1361% |
| 51 | 0.3677% | 0.2486% | 97 | 23.8006% | 22.8306% |
| 52 | 0.4574% | 0.2788% | 98 | 25.4629% | 24.6045% |
| 53 | 0.5470% | 0.3113% | 99 | 27.4354% | 26.5343% |
| 54 | 0.6367% | 0.3463% | 100 | 30.1977% | 28.6331% |
| 55 | 0.6901% | 0.3840% | 101 | 33.2706% | 31.5468% |
| 56 | 0.7604% | 0.4417% | 102 | 36.7152% | 34.8130% |
| 57 | 0.8307% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 0.9010% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 0.9713% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 1.0416% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 1.1313% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 1.2209% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 1.3106% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 1.4003% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.1014% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.1928% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.3088% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.4342% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.5488% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.7000% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.8533% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.0068% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.1898% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.3727% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.6875% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 2.9621% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 3.3177% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 3.8538% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 4.4313% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 5.0522% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 5.5792% | 4.4292% |
| 36 | 0.0761% | 0.0380% | 82 | 6.1261% | 4.8774% |
| 37 | 0.0834% | 0.0399% | 83 | 6.9247% | 5.3256% |
| 38 | 0.0894% | 0.0420% | 84 | 7.8882% | 5.7737% |
| 39 | 0.0968% | 0.0444% | 85 | 8.7037% | 6.3549% |
| 40 | 0.1118% | 0.0484% | 86 | 9.5191% | 7.4018% |
| 41 | 0.1304% | 0.0530% | 87 | 10.5554% | 8.4903% |
| 42 | 0.1435% | 0.0584% | 88 | 12.1520% | 9.4208% |
| 43 | 0.1560% | 0.0642% | 89 | 14.0868% | 10.5720% |
| 44 | 0.1749% | 0.0705% | 90 | 16.1628% | 11.5225% |
| 45 | 0.1942% | 0.0751% | 91 | 18.0876% | 12.8701% |
| 46 | 0.1979% | 0.0812% | 92 | 20.0989% | 14.1974% |
| 47 | 0.2002% | 0.0885% | 93 | 21.7140% | 15.8542% |
| 48 | 0.2027% | 0.0996% | 94 | 23.3701% | 17.1983% |
| 49 | 0.2050% | 0.1129% | 95 | 25.6101% | 18.6627% |
| 50 | 0.2070% | 0.1315% | 96 | 27.6333% | 20.2659% |
| 51 | 0.2089% | 0.1558% | 97 | 29.4378% | 22.3559% |
| 52 | 0.2394% | 0.1877% | 98 | 31.7484% | 24.0929% |
| 53 | 0.2791% | 0.2259% | 99 | 33.2928% | 25.9826% |
| 54 | 0.3249% | 0.2712% | 100 | 34.5717% | 28.0378% |
| 55 | 0.3506% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.4167% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.4994% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.5809% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.6698% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7468% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.8214% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.8814% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 0.9516% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.0267% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

NEW YORK CITY POLICE PENSION FUND

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0392% | 0.0211% | 65 | 1.7949% | 1.4410% |
| 20 | 0.0408% | 0.0223% | 66 | 2.0171% | 1.5791% |
| 21 | 0.0424% | 0.0236% | 67 | 2.2393% | 1.6886% |
| 22 | 0.0444% | 0.0251% | 68 | 2.4615% | 1.7955% |
| 23 | 0.0464% | 0.0266% | 69 | 2.6836% | 2.0139% |
| 24 | 0.0488% | 0.0281% | 70 | 2.9058% | 2.2323% |
| 25 | 0.0513% | 0.0298% | 71 | 3.1707% | 2.4507% |
| 26 | 0.0542% | 0.0317% | 72 | 3.4356% | 2.6691% |
| 27 | 0.0572% | 0.0336% | 73 | 3.7005% | 2.8875% |
| 28 | 0.0607% | 0.0359% | 74 | 3.9654% | 3.2613% |
| 29 | 0.0645% | 0.0382% | 75 | 4.2303% | 3.6351% |
| 30 | 0.0687% | 0.0407% | 76 | 4.6839% | 4.0089% |
| 31 | 0.0734% | 0.0435% | 77 | 5.1374% | 4.3827% |
| 32 | 0.0785% | 0.0465% | 78 | 5.5909% | 4.7565% |
| 33 | 0.0860% | 0.0500% | 79 | 6.0445% | 5.2920% |
| 34 | 0.0907% | 0.0527% | 80 | 6.4980% | 5.8275% |
| 35 | 0.0966% | 0.0563% | 81 | 7.3449% | 6.3630% |
| 36 | 0.1039% | 0.0602% | 82 | 8.1918% | 6.8985% |
| 37 | 0.1128% | 0.0648% | 83 | 9.0387% | 7.4340% |
| 38 | 0.1238% | 0.0698% | 84 | 9.8855% | 8.4777% |
| 39 | 0.1413% | 0.0759% | 85 | 10.7324% | 9.5214% |
| 40 | 0.1588% | 0.0842% | 86 | 12.0976% | 10.5651% |
| 41 | 0.1763% | 0.0945% | 87 | 13.4628% | 11.6088% |
| 42 | 0.1939% | 0.1071% | 88 | 14.8279% | 12.6525% |
| 43 | 0.2114% | 0.1222% | 89 | 16.2745% | 14.1323% |
| 44 | 0.2289% | 0.1397% | 90 | 17.7071% | 15.5897% |
| 45 | 0.2464% | 0.1593% | 91 | 19.1300% | 17.0464% |
| 46 | 0.2639% | 0.1806% | 92 | 20.5890% | 18.4915% |
| 47 | 0.2814% | 0.2034% | 93 | 22.0925% | 20.0660% |
| 48 | 0.2990% | 0.2273% | 94 | 23.8377% | 21.7898% |
| 49 | 0.3954% | 0.2563% | 95 | 25.5920% | 23.5367% |
| 50 | 0.4918% | 0.2874% | 96 | 27.3795% | 25.3655% |
| 51 | 0.5882% | 0.3209% | 97 | 29.5004% | 27.3549% |
| 52 | 0.6846% | 0.3570% | 98 | 32.4706% | 29.5187% |
| 53 | 0.7420% | 0.3959% | 99 | 35.7748% | 32.5225% |
| 54 | 0.8176% | 0.4554% | 100 | 39.4787% | 35.8897% |
| 55 | 0.8932% | 0.5196% | 101 | 43.5427% | 39.5843% |
| 56 | 0.9688% | 0.5881% | 102 | 48.2196% | 43.8360% |
| 57 | 1.0444% | 0.6605% | 103 | 53.6598% | 48.7816% |
| 58 | 1.1200% | 0.7364% | 104 | 60.0475% | 54.5886% |
| 59 | 1.2164% | 0.8317% | 105 | 67.5740% | 61.4309% |
| 60 | 1.3128% | 0.9170% | 106 | 76.4374% | 69.4885% |
| 61 | 1.4093% | 1.0038% | 107 | 86.8421% | 78.9474% |
| 62 | 1.5057% | 1.0984% | 108 | 100.0000% | 100.0000% |
| 63 | 1.6021% | 1.2009% | 109 | 100.0000% | 100.0000% |
| 64 | 1.6985% | 1.3133% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0325% | 0.0187% | 65 | 1.3652% | 1.1874% |
| 20 | 0.0338% | 0.0196% | 66 | 1.5435% | 1.2782% |
| 21 | 0.0353% | 0.0207% | 67 | 1.7135% | 1.4110% |
| 22 | 0.0373% | 0.0219% | 68 | 1.9563% | 1.5462% |
| 23 | 0.0395% | 0.0234% | 69 | 2.2245% | 1.6695% |
| 24 | 0.0420% | 0.0249% | 70 | 2.4681% | 1.8070% |
| 25 | 0.0449% | 0.0266% | 71 | 2.7470% | 1.9719% |
| 26 | 0.0486% | 0.0286% | 72 | 2.9765% | 2.1938% |
| 27 | 0.0516% | 0.0303% | 73 | 3.2060% | 2.3479% |
| 28 | 0.0548% | 0.0324% | 74 | 3.4355% | 2.6083% |
| 29 | 0.0582% | 0.0345% | 75 | 3.6874% | 2.8897% |
| 30 | 0.0620% | 0.0372% | 76 | 4.0827% | 3.1869% |
| 31 | 0.0795% | 0.0402% | 77 | 4.5054% | 3.5051% |
| 32 | 0.0992% | 0.0430% | 78 | 4.9329% | 3.8041% |
| 33 | 0.1164% | 0.0459% | 79 | 5.3657% | 4.2324% |
| 34 | 0.1269% | 0.0481% | 80 | 5.9330% | 4.6607% |
| 35 | 0.1394% | 0.0511% | 81 | 6.5348% | 5.0889% |
| 36 | 0.1500% | 0.0652% | 82 | 7.3326% | 5.5172% |
| 37 | 0.1629% | 0.0814% | 83 | 8.0906% | 5.9455% |
| 38 | 0.1776% | 0.0995% | 84 | 8.9022% | 6.7802% |
| 39 | 0.2016% | 0.1210% | 85 | 9.7676% | 7.6611% |
| 40 | 0.2252% | 0.1492% | 86 | 10.7865% | 8.5522% |
| 41 | 0.2485% | 0.1843% | 87 | 12.0764% | 9.4539% |
| 42 | 0.2716% | 0.2183% | 88 | 13.3813% | 10.3039% |
| 43 | 0.2944% | 0.2597% | 89 | 15.3387% | 11.5785% |
| 44 | 0.3168% | 0.2970% | 90 | 17.3360% | 12.7726% |
| 45 | 0.3395% | 0.3366% | 91 | 19.4004% | 14.1284% |
| 46 | 0.3832% | 0.3794% | 92 | 21.2357% | 15.5024% |
| 47 | 0.4110% | 0.4069% | 93 | 22.9421% | 17.1161% |
| 48 | 0.4394% | 0.4350% | 94 | 24.6919% | 18.7954% |
| 49 | 0.4503% | 0.4459% | 95 | 26.6548% | 20.3022% |
| 50 | 0.4717% | 0.4528% | 96 | 28.7605% | 21.8796% |
| 51 | 0.5004% | 0.4733% | 97 | 30.6386% | 23.7379% |
| 52 | 0.5502% | 0.4971% | 98 | 32.5508% | 25.6156% |
| 53 | 0.5950% | 0.5215% | 99 | 34.1342% | 28.2222% |
| 54 | 0.7336% | 0.6238% | 100 | 36.4955% | 32.8744% |
| 55 | 0.8372% | 0.7012% | 101 | 40.4947% | 36.4770% |
| 56 | 0.9536% | 0.7869% | 102 | 44.8442% | 40.3949% |
| 57 | 0.9793% | 0.8082% | 103 | 49.9036% | 44.9523% |
| 58 | 0.9925% | 0.8318% | 104 | 55.8442% | 50.3034% |
| 59 | 1.0275% | 0.8611% | 105 | 62.8438% | 56.6086% |
| 60 | 1.0300% | 0.8631% | 106 | 71.0868% | 64.0336% |
| 61 | 1.0549% | 0.8976% | 107 | 80.7632% | 72.7501% |
| 62 | 1.1168% | 0.9502% | 108 | 92.000% | 83.0000% |
| 63 | 1.1775% | 1.0259% | 109 | 100.000% | 95.0000% |
| 64 | 1.2773% | 1.1068% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT RECOMMENDED BY THE ACTUARY

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0205% | 65 | 1.6693% | 1.3978% |
| 20 | 0.0379% | 0.0216% | 66 | 1.8759% | 1.5317% |
| 21 | 0.0394% | 0.0229% | 67 | 2.0825% | 1.6379% |
| 22 | 0.0413% | 0.0243% | 68 | 2.2892% | 1.7416% |
| 23 | 0.0432% | 0.0258% | 69 | 2.4957% | 1.9535% |
| 24 | 0.0454% | 0.0273% | 70 | 2.7024% | 2.1653% |
| 25 | 0.0477% | 0.0289% | 71 | 2.9488% | 2.3772% |
| 26 | 0.0504% | 0.0307% | 72 | 3.1951% | 2.5890% |
| 27 | 0.0532% | 0.0326% | 73 | 3.4415% | 2.8009% |
| 28 | 0.0565% | 0.0348% | 74 | 3.6878% | 3.1635% |
| 29 | 0.0600% | 0.0371% | 75 | 3.9342% | 3.5260% |
| 30 | 0.0639% | 0.0395% | 76 | 4.3560% | 3.8886% |
| 31 | 0.0683% | 0.0422% | 77 | 4.7778% | 4.2512% |
| 32 | 0.0730% | 0.0451% | 78 | 5.1995% | 4.6138% |
| 33 | 0.0800% | 0.0485% | 79 | 5.6214% | 5.1332% |
| 34 | 0.0844% | 0.0511% | 80 | 6.0431% | 5.6527% |
| 35 | 0.0898% | 0.0546% | 81 | 6.8308% | 6.1721% |
| 36 | 0.0966% | 0.0584% | 82 | 7.6184% | 6.6915% |
| 37 | 0.1049% | 0.0629% | 83 | 8.4060% | 7.2110% |
| 38 | 0.1151% | 0.0677% | 84 | 9.1935% | 8.2234% |
| 39 | 0.1314% | 0.0736% | 85 | 9.9811% | 9.2358% |
| 40 | 0.1477% | 0.0817% | 86 | 11.2508% | 10.2481% |
| 41 | 0.1640% | 0.0917% | 87 | 12.5204% | 11.2605% |
| 42 | 0.1803% | 0.1039% | 88 | 13.7899% | 12.2729% |
| 43 | 0.1966% | 0.1185% | 89 | 15.1353% | 13.7083% |
| 44 | 0.2129% | 0.1355% | 90 | 16.4676% | 15.1220% |
| 45 | 0.2292% | 0.1545% | 91 | 17.7909% | 16.5350% |
| 46 | 0.2454% | 0.1752% | 92 | 19.1478% | 17.9368% |
| 47 | 0.2617% | 0.1973% | 93 | 20.5460% | 19.4640% |
| 48 | 0.2781% | 0.2205% | 94 | 22.1691% | 21.1361% |
| 49 | 0.3677% | 0.2486% | 95 | 23.8006% | 22.8306% |
| 50 | 0.4574% | 0.2788% | 96 | 25.4629% | 24.6045% |
| 51 | 0.5470% | 0.3113% | 97 | 27.4354% | 26.5343% |
| 52 | 0.6367% | 0.3463% | 98 | 30.1977% | 28.6331% |
| 53 | 0.6901% | 0.3840% | 99 | 33.2706% | 31.5468% |
| 54 | 0.7604% | 0.4417% | 100 | 36.7152% | 34.8130% |
| 55 | 0.8307% | 0.5040% | 101 | 40.4947% | 38.3968% |
| 56 | 0.9010% | 0.5705% | 102 | 44.8442% | 42.5209% |
| 57 | 0.9713% | 0.6407% | 103 | 49.9036% | 47.3182% |
| 58 | 1.0416% | 0.7143% | 104 | 55.8442% | 52.9509% |
| 59 | 1.1313% | 0.8067% | 105 | 62.8438% | 59.5880% |
| 60 | 1.2209% | 0.8895% | 106 | 71.0868% | 67.4038% |
| 61 | 1.3106% | 0.9737% | 107 | 80.7632% | 76.5790% |
| 62 | 1.4003% | 1.0654% | 108 | 100.0000% | 100.0000% |
| 63 | 1.4900% | 1.1649% | 109 | 100.0000% | 100.0000% |
| 64 | 1.5796% | 1.2739% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY POLICE PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0244% | 0.0149% | 65 | 1.1049% | 1.1014% |
| 20 | 0.0253% | 0.0154% | 66 | 1.2684% | 1.1857% |
| 21 | 0.0269% | 0.0160% | 67 | 1.4081% | 1.3088% |
| 22 | 0.0288% | 0.0170% | 68 | 1.5834% | 1.4342% |
| 23 | 0.0315% | 0.0184% | 69 | 1.8004% | 1.5486% |
| 24 | 0.0345% | 0.0199% | 70 | 1.9675% | 1.6761% |
| 25 | 0.0386% | 0.0215% | 71 | 2.1898% | 1.8017% |
| 26 | 0.0444% | 0.0238% | 72 | 2.3727% | 2.0044% |
| 27 | 0.0479% | 0.0253% | 73 | 2.5557% | 2.1131% |
| 28 | 0.0509% | 0.0270% | 74 | 2.7386% | 2.3475% |
| 29 | 0.0540% | 0.0288% | 75 | 2.9845% | 2.5617% |
| 30 | 0.0575% | 0.0320% | 76 | 3.3045% | 2.8251% |
| 31 | 0.0738% | 0.0356% | 77 | 3.7024% | 3.1546% |
| 32 | 0.0920% | 0.0381% | 78 | 4.1158% | 3.4237% |
| 33 | 0.1080% | 0.0401% | 79 | 4.5453% | 3.8091% |
| 34 | 0.1177% | 0.0414% | 80 | 5.1027% | 4.1946% |
| 35 | 0.1293% | 0.0433% | 81 | 5.7061% | 4.5800% |
| 36 | 0.1391% | 0.0544% | 82 | 6.5003% | 4.9654% |
| 37 | 0.1511% | 0.0669% | 83 | 7.1723% | 5.3509% |
| 38 | 0.1623% | 0.0806% | 84 | 8.0119% | 6.1022% |
| 39 | 0.1814% | 0.0965% | 85 | 8.7908% | 6.9998% |
| 40 | 0.1996% | 0.1190% | 86 | 9.7077% | 7.9328% |
| 41 | 0.2170% | 0.1469% | 87 | 11.0340% | 8.9023% |
| 42 | 0.2336% | 0.1740% | 88 | 12.4121% | 9.7027% |
| 43 | 0.2494% | 0.2071% | 89 | 14.2277% | 11.0683% |
| 44 | 0.2644% | 0.2368% | 90 | 16.3245% | 12.2097% |
| 45 | 0.2790% | 0.2643% | 91 | 18.2685% | 13.5058% |
| 46 | 0.3101% | 0.2933% | 92 | 20.2999% | 14.8192% |
| 47 | 0.3276% | 0.3099% | 93 | 21.9311% | 16.6098% |
| 48 | 0.3449% | 0.3313% | 94 | 23.6038% | 18.2393% |
| 49 | 0.3482% | 0.3395% | 95 | 25.8662% | 19.7016% |
| 50 | 0.3592% | 0.3501% | 96 | 27.9096% | 21.2324% |
| 51 | 0.3753% | 0.3716% | 97 | 29.7322% | 23.3844% |
| 52 | 0.4064% | 0.4024% | 98 | 32.0659% | 25.2340% |
| 53 | 0.4394% | 0.4351% | 99 | 33.6257% | 27.8018% |
| 54 | 0.5419% | 0.5365% | 100 | 35.9518% | 32.3847% |
| 55 | 0.6278% | 0.6216% | 101 | 40.4947% | 36.4770% |
| 56 | 0.7262% | 0.7190% | 102 | 44.8442% | 40.3949% |
| 57 | 0.7572% | 0.7497% | 103 | 49.9036% | 44.9523% |
| 58 | 0.7792% | 0.7715% | 104 | 55.8442% | 50.3034% |
| 59 | 0.8067% | 0.7987% | 105 | 62.8438% | 56.6086% |
| 60 | 0.8086% | 0.8006% | 106 | 71.0868% | 64.0336% |
| 61 | 0.8409% | 0.8326% | 107 | 80.7632% | 72.7501% |
| 62 | 0.8902% | 0.8814% | 108 | 92.000% | 83.0000% |
| 63 | 0.9530% | 0.9516% | 109 | 100.000% | 95.0000% |
| 64 | 1.0338% | 1.0267% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY POLICE PENSION FUND

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|----------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 10.0000% | 4.2000% | 10.0000% | 4.2000% |
| 1 | 8.0000% | 3.3600% | 8.0000% | 3.3600% |
| 2 | 6.0000% | 2.5200% | 6.0000% | 2.5200% |
| 3 | 4.0000% | 1.6800% | 4.0000% | 1.6800% |
| 4 | 3.0000% | 1.2600% | 3.0000% | 1.2600% |
| 5 | 2.0000% | 2.4000% | 2.0000% | 2.4000% |
| 6 | 1.8000% | 2.1600% | 1.8000% | 2.1600% |
| 7 | 1.6000% | 1.9200% | 1.6000% | 1.9200% |
| 8 | 1.4000% | 1.6800% | 1.4000% | 1.6800% |
| 9 | 1.2000% | 1.4400% | 1.2000% | 1.4400% |
| 10 | 1.0000% | 1.2000% | 1.0000% | 1.2000% |
| 11 | 0.9000% | 0.7200% | 0.9000% | 0.7200% |
| 12 | 0.8000% | 0.6400% | 0.8000% | 0.6400% |
| 13 | 0.7000% | 0.5600% | 0.7000% | 0.5600% |
| 14 | 0.6000% | 0.4800% | 0.6000% | 0.4800% |
| 15 | 0.5000% | 0.4000% | 0.5000% | 0.4000% |
| 16 | 0.5000% | 0.2000% | 0.5000% | 0.2000% |
| 17 | 0.5000% | 0.2000% | 0.5000% | 0.2000% |
| 18 | 0.5000% | 0.2000% | 0.5000% | 0.2000% |
| 19 | 0.5000% | 0.2000% | 0.5000% | 0.2000% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 2.4478% | 1.3936% | 2.4478% | 1.3936% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table F

NEW YORK CITY POLICE PENSION FUND

ANNUAL RATES OF SALARY INCREASE

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 6.0000% | 7.2360% | 9.0000% | 10.7360% |
| 1 | 5.0000% | 6.0300% | 8.0000% | 9.5300% |
| 2 | 4.0000% | 4.8240% | 7.0000% | 8.3240% |
| 3 | 3.0000% | 3.6180% | 6.0000% | 7.1180% |
| 4 | 35.0000% | 42.2100% | 38.0000% | 45.7100% |
| 5 | 0.5000% | 0.6030% | 3.5000% | 4.1030% |
| 6 | 0.6000% | 0.3900% | 3.6000% | 3.8900% |
| 7 | 0.7000% | 0.4550% | 3.7000% | 3.9550% |
| 8 | 0.8000% | 0.5200% | 3.8000% | 4.0200% |
| 9 | 2.6000% | 1.6900% | 5.6000% | 5.1900% |
| 10 | 1.0000% | 0.6500% | 4.0000% | 4.1500% |
| 11 | 1.1000% | 0.4950% | 4.1000% | 3.9950% |
| 12 | 1.2000% | 0.5400% | 4.2000% | 4.0400% |
| 13 | 1.3000% | 0.5850% | 4.3000% | 4.0850% |
| 14 | 3.1000% | 1.3950% | 6.1000% | 4.8950% |
| 15 | 1.5000% | 0.6750% | 4.5000% | 4.1750% |
| 16 | 1.6000% | 0.7200% | 4.6000% | 4.2200% |
| 17 | 1.7000% | 0.7650% | 4.7000% | 4.2650% |
| 18 | 1.8000% | 0.8100% | 4.8000% | 4.3100% |
| 19 | 3.6000% | 1.6200% | 6.6000% | 5.1200% |
| 20 | 2.0000% | 0.9000% | 5.0000% | 4.4000% |
| 21 | 1.9000% | 0.8550% | 4.9000% | 4.3550% |
| 22 | 1.8000% | 0.8100% | 4.8000% | 4.3100% |
| 23 | 1.7000% | 0.7650% | 4.7000% | 4.2650% |
| 24 | 1.6000% | 0.7200% | 4.6000% | 4.2200% |
| 25 | 1.5000% | 0.6750% | 4.5000% | 4.1750% |
| 26 | 1.4000% | 0.6300% | 4.4000% | 4.1300% |
| 27 | 1.3000% | 0.5850% | 4.3000% | 4.0850% |
| 28 | 1.2000% | 0.5400% | 4.2000% | 4.0400% |
| 29 | 1.1000% | 0.4950% | 4.1000% | 3.9950% |
| 30 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 31 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 32 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 33 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 34 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 35 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 36 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 37 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 38 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 39 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 40 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 41 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 42 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 43 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 44 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 45 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 46 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 47 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 48 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 49 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |
| 50 | 1.0000% | 0.4500% | 4.0000% | 3.9500% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table G

NEW YORK CITY POLICE PENSION FUND

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|-------------|--------------------------------------|-------------|
| | Current | Recommended | Current | Recommended | Current | Recommended |
| 0 | 12.0000% | 12.9720% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 1 | 12.0000% | 12.9720% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 2 | 12.0000% | 12.9720% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 3 | 12.0000% | 12.9720% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 4 | 12.0000% | 12.9720% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 5 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 6 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 7 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 8 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 9 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 10 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 11 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 12 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 13 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 14 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 4.6920% |
| 15 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 10.0200% |
| 16 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 10.0200% |
| 17 | 12.0000% | 14.9280% | 16.0000% | 17.6000% | 6.0000% | 10.0200% |
| 18 | 12.0000% | 14.9280% | 16.0000% | 20.6240% | 6.0000% | 10.0200% |
| 19 | 12.0000% | 14.9280% | 16.0000% | 20.6240% | 6.0000% | 10.0200% |
| 20 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 21 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 22 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 23 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 24 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 25 | 12.0000% | 14.9280% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 26 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 27 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 28 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 29 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 30 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 31 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 32 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 33 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 34 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 35 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 36 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 37 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 38 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 39 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 40 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 41 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 42 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 43 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 44 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 45 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 46 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 47 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 48 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 49 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |
| 50 | 12.0000% | 9.6720% | 16.0000% | 13.8400% | 6.0000% | 10.0200% |

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

TABLE OF CONTENTS

| | |
|--|--|
| Base Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Current (August 2005) | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Valuation Table A - Recommended | Probabilities of Mortality After Service Retirement: <i>Males, Females</i> |
| Base Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Base Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Current (August 2005) | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |
| Valuation Table B - Recommended | Probabilities of Mortality After Disability Retirement: <i>Males, Females</i> |

PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE

| | |
|---------|--|
| Table C | Withdrawal From Active Service: <i>Males, Females</i> |
|---------|--|

Active Member Service Retirements

| | |
|-------------------|---|
| Table D - Males | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) |
| Table D - Females | Retirement in First Year Eligible (Year 1) Retirement in Second Year Eligible (Year 2) Retirement After Second Year Eligible (Ultimate) |

Active Member Deaths and Disabilities

| | |
|-------------------|--|
| Table E - Males | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |
| Table E - Females | Active Member Ordinary Mortality, Accidental Mortality Active Member Ordinary Disability, Accidental Disability |

Pay - Related Assumptions

| | |
|---------|---|
| Table F | Salary Increases - Merit Only and Total |
| Table G | Overtime Pay: <i>In All Years</i> <i>In Year Before Service Retirement</i> <i>In Year Before Disability Retirement</i> |

NEW YORK CITY FIRE PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT RECOMMENDED BY THE ACTUARY

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0188% | 65 | 1.2609% | 1.2009% |
| 20 | 0.0377% | 0.0198% | 66 | 1.3790% | 1.3133% |
| 21 | 0.0392% | 0.0211% | 67 | 1.5131% | 1.4410% |
| 22 | 0.0408% | 0.0223% | 68 | 1.6581% | 1.5791% |
| 23 | 0.0424% | 0.0236% | 69 | 1.7842% | 1.6886% |
| 24 | 0.0444% | 0.0251% | 70 | 2.0351% | 1.7955% |
| 25 | 0.0464% | 0.0266% | 71 | 2.2861% | 2.0139% |
| 26 | 0.0488% | 0.0281% | 72 | 2.5370% | 2.2323% |
| 27 | 0.0513% | 0.0298% | 73 | 2.8683% | 2.4507% |
| 28 | 0.0542% | 0.0317% | 74 | 3.1996% | 2.6691% |
| 29 | 0.0572% | 0.0336% | 75 | 3.5309% | 2.8875% |
| 30 | 0.0607% | 0.0359% | 76 | 3.8621% | 3.2613% |
| 31 | 0.0645% | 0.0382% | 77 | 4.1934% | 3.6351% |
| 32 | 0.0687% | 0.0407% | 78 | 4.8077% | 4.0089% |
| 33 | 0.0734% | 0.0435% | 79 | 5.4220% | 4.3827% |
| 34 | 0.0785% | 0.0465% | 80 | 6.0363% | 4.7565% |
| 35 | 0.0860% | 0.0500% | 81 | 6.6506% | 5.2920% |
| 36 | 0.0907% | 0.0527% | 82 | 7.2649% | 5.8275% |
| 37 | 0.0966% | 0.0563% | 83 | 8.4381% | 6.3630% |
| 38 | 0.1039% | 0.0602% | 84 | 9.6112% | 6.8985% |
| 39 | 0.1128% | 0.0648% | 85 | 10.7844% | 7.4340% |
| 40 | 0.1238% | 0.0698% | 86 | 11.9576% | 8.4777% |
| 41 | 0.1357% | 0.0759% | 87 | 13.1307% | 9.5214% |
| 42 | 0.1476% | 0.0842% | 88 | 14.0581% | 10.5651% |
| 43 | 0.1595% | 0.0945% | 89 | 14.9855% | 11.6088% |
| 44 | 0.1714% | 0.1071% | 90 | 15.9129% | 12.6525% |
| 45 | 0.1834% | 0.1222% | 91 | 16.8893% | 14.1323% |
| 46 | 0.1953% | 0.1397% | 92 | 17.8955% | 15.5897% |
| 47 | 0.2072% | 0.1593% | 93 | 20.3776% | 17.0464% |
| 48 | 0.2191% | 0.1806% | 94 | 22.7699% | 18.4915% |
| 49 | 0.2310% | 0.2034% | 95 | 25.0810% | 20.0660% |
| 50 | 0.2429% | 0.2273% | 96 | 27.2365% | 21.7898% |
| 51 | 0.3041% | 0.2563% | 97 | 29.3140% | 23.5367% |
| 52 | 0.3652% | 0.2874% | 98 | 31.3376% | 25.3655% |
| 53 | 0.4263% | 0.3209% | 99 | 33.3350% | 27.3549% |
| 54 | 0.4875% | 0.3570% | 100 | 33.9143% | 29.5187% |
| 55 | 0.5486% | 0.3959% | 101 | 35.7748% | 32.5225% |
| 56 | 0.6098% | 0.4554% | 102 | 39.4787% | 35.8897% |
| 57 | 0.6709% | 0.5196% | 103 | 43.5427% | 39.5843% |
| 58 | 0.7320% | 0.5881% | 104 | 48.2196% | 43.8360% |
| 59 | 0.7932% | 0.6605% | 105 | 53.6598% | 48.7816% |
| 60 | 0.8543% | 0.7364% | 106 | 60.0475% | 54.5886% |
| 61 | 0.9155% | 0.8317% | 107 | 67.5740% | 61.4309% |
| 62 | 0.9766% | 0.9170% | 108 | 76.4374% | 69.4885% |
| 63 | 1.0540% | 1.0038% | 109 | 86.8421% | 78.9474% |
| 64 | 1.1533% | 1.0984% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

Base Table A - Recommended

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0273% | 0.0159% | 65 | 1.3607% | 1.1756% |
| 20 | 0.0285% | 0.0162% | 66 | 1.4515% | 1.2732% |
| 21 | 0.0298% | 0.0164% | 67 | 1.5927% | 1.3971% |
| 22 | 0.0308% | 0.0165% | 68 | 1.7720% | 1.5309% |
| 23 | 0.0321% | 0.0168% | 69 | 1.9133% | 1.6529% |
| 24 | 0.0330% | 0.0173% | 70 | 2.0656% | 1.7576% |
| 25 | 0.0340% | 0.0180% | 71 | 2.2685% | 1.9596% |
| 26 | 0.0356% | 0.0190% | 72 | 2.5145% | 2.1720% |
| 27 | 0.0363% | 0.0198% | 73 | 2.6508% | 2.3247% |
| 28 | 0.0374% | 0.0208% | 74 | 2.8304% | 2.4821% |
| 29 | 0.0392% | 0.0220% | 75 | 2.8936% | 2.6157% |
| 30 | 0.0422% | 0.0239% | 76 | 3.2348% | 2.9242% |
| 31 | 0.0475% | 0.0283% | 77 | 3.5896% | 3.2453% |
| 32 | 0.0535% | 0.0323% | 78 | 3.9397% | 3.6163% |
| 33 | 0.0600% | 0.0360% | 79 | 4.2860% | 3.9942% |
| 34 | 0.0668% | 0.0393% | 80 | 4.6510% | 4.4234% |
| 35 | 0.0735% | 0.0425% | 81 | 5.3313% | 4.9213% |
| 36 | 0.0800% | 0.0456% | 82 | 5.9234% | 5.4194% |
| 37 | 0.0860% | 0.0486% | 83 | 6.8799% | 5.9174% |
| 38 | 0.0908% | 0.0519% | 84 | 7.8839% | 6.4153% |
| 39 | 0.0952% | 0.0557% | 85 | 8.8463% | 6.9553% |
| 40 | 0.0996% | 0.0607% | 86 | 9.9153% | 7.9798% |
| 41 | 0.1094% | 0.0665% | 87 | 11.3074% | 9.0163% |
| 42 | 0.1293% | 0.0732% | 88 | 12.5598% | 10.0046% |
| 43 | 0.1605% | 0.0806% | 89 | 13.7941% | 11.0593% |
| 44 | 0.2048% | 0.0885% | 90 | 15.1697% | 12.0536% |
| 45 | 0.2396% | 0.0957% | 91 | 17.0996% | 13.4634% |
| 46 | 0.2764% | 0.1050% | 92 | 18.5879% | 14.8518% |
| 47 | 0.3158% | 0.1162% | 93 | 21.1341% | 16.3376% |
| 48 | 0.3573% | 0.1308% | 94 | 23.4574% | 17.7226% |
| 49 | 0.4005% | 0.1483% | 95 | 25.7852% | 19.2316% |
| 50 | 0.4278% | 0.1701% | 96 | 27.7087% | 20.8837% |
| 51 | 0.4547% | 0.1984% | 97 | 29.4626% | 22.6940% |
| 52 | 0.4813% | 0.2319% | 98 | 31.3459% | 24.4572% |
| 53 | 0.4857% | 0.2708% | 99 | 32.8125% | 26.3755% |
| 54 | 0.4900% | 0.3154% | 100 | 34.1126% | 28.4617% |
| 55 | 0.4974% | 0.3769% | 101 | 35.8628% | 30.1341% |
| 56 | 0.5473% | 0.4516% | 102 | 37.1685% | 31.0677% |
| 57 | 0.6459% | 0.5331% | 103 | 38.3040% | 31.3214% |
| 58 | 0.7399% | 0.6200% | 104 | 39.2003% | 31.5594% |
| 59 | 0.8532% | 0.7150% | 105 | 39.7886% | 31.8325% |
| 60 | 0.9512% | 0.7971% | 106 | 40.0000% | 32.0000% |
| 61 | 1.0304% | 0.8767% | 107 | 55.0000% | 49.0000% |
| 62 | 1.1057% | 0.9408% | 108 | 70.0000% | 66.0000% |
| 63 | 1.1757% | 1.0157% | 109 | 85.0000% | 83.0000% |
| 64 | 1.2684% | 1.0959% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY FIRE PENSION FUND

**PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY THE ACTUARY**

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0339% | 0.0182% | 65 | 1.1726% | 1.1649% |
| 20 | 0.0351% | 0.0192% | 66 | 1.2825% | 1.2739% |
| 21 | 0.0365% | 0.0205% | 67 | 1.4072% | 1.3978% |
| 22 | 0.0379% | 0.0216% | 68 | 1.5420% | 1.5317% |
| 23 | 0.0394% | 0.0229% | 69 | 1.6593% | 1.6379% |
| 24 | 0.0413% | 0.0243% | 70 | 1.8926% | 1.7416% |
| 25 | 0.0432% | 0.0258% | 71 | 2.1261% | 1.9535% |
| 26 | 0.0454% | 0.0273% | 72 | 2.3594% | 2.1653% |
| 27 | 0.0477% | 0.0289% | 73 | 2.6675% | 2.3772% |
| 28 | 0.0504% | 0.0307% | 74 | 2.9756% | 2.5890% |
| 29 | 0.0532% | 0.0326% | 75 | 3.2837% | 2.8009% |
| 30 | 0.0565% | 0.0348% | 76 | 3.5918% | 3.1635% |
| 31 | 0.0600% | 0.0371% | 77 | 3.8999% | 3.5260% |
| 32 | 0.0639% | 0.0395% | 78 | 4.4712% | 3.8886% |
| 33 | 0.0683% | 0.0422% | 79 | 5.0425% | 4.2512% |
| 34 | 0.0730% | 0.0451% | 80 | 5.6138% | 4.6138% |
| 35 | 0.0800% | 0.0485% | 81 | 6.1851% | 5.1332% |
| 36 | 0.0844% | 0.0511% | 82 | 6.7564% | 5.6527% |
| 37 | 0.0898% | 0.0546% | 83 | 7.8474% | 6.1721% |
| 38 | 0.0966% | 0.0584% | 84 | 8.9384% | 6.6915% |
| 39 | 0.1049% | 0.0629% | 85 | 10.0295% | 7.2110% |
| 40 | 0.1151% | 0.0677% | 86 | 11.1206% | 8.2234% |
| 41 | 0.1262% | 0.0736% | 87 | 12.2116% | 9.2358% |
| 42 | 0.1373% | 0.0817% | 88 | 13.0740% | 10.2481% |
| 43 | 0.1483% | 0.0917% | 89 | 13.9365% | 11.2605% |
| 44 | 0.1594% | 0.1039% | 90 | 14.7990% | 12.2729% |
| 45 | 0.1706% | 0.1185% | 91 | 15.7070% | 13.7083% |
| 46 | 0.1816% | 0.1355% | 92 | 16.6428% | 15.1220% |
| 47 | 0.1927% | 0.1545% | 93 | 18.9512% | 16.5350% |
| 48 | 0.2038% | 0.1752% | 94 | 21.1760% | 17.9368% |
| 49 | 0.2148% | 0.1973% | 95 | 23.3253% | 19.4640% |
| 50 | 0.2259% | 0.2205% | 96 | 25.3299% | 21.1361% |
| 51 | 0.2828% | 0.2486% | 97 | 27.2620% | 22.8306% |
| 52 | 0.3396% | 0.2788% | 98 | 29.1440% | 24.6045% |
| 53 | 0.3965% | 0.3113% | 99 | 31.0016% | 26.5343% |
| 54 | 0.4534% | 0.3463% | 100 | 31.5403% | 28.6331% |
| 55 | 0.5102% | 0.3840% | 101 | 33.2706% | 31.5468% |
| 56 | 0.5671% | 0.4417% | 102 | 36.7152% | 34.8130% |
| 57 | 0.6239% | 0.5040% | 103 | 40.4947% | 38.3968% |
| 58 | 0.6808% | 0.5705% | 104 | 44.8442% | 42.5209% |
| 59 | 0.7377% | 0.6407% | 105 | 49.9036% | 47.3182% |
| 60 | 0.7945% | 0.7143% | 106 | 55.8442% | 52.9509% |
| 61 | 0.8514% | 0.8067% | 107 | 62.8438% | 59.5880% |
| 62 | 0.9082% | 0.8895% | 108 | 71.0868% | 67.4038% |
| 63 | 0.9802% | 0.9737% | 109 | 80.7632% | 76.5790% |
| 64 | 1.0726% | 1.0654% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table A - Recommended

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

PROBABILITIES OF MORTALITY AFTER SERVICE RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0205% | 0.0127% | 65 | 1.1014% | 1.0905% |
| 20 | 0.0214% | 0.0127% | 66 | 1.1928% | 1.1810% |
| 21 | 0.0227% | 0.0127% | 67 | 1.3088% | 1.2959% |
| 22 | 0.0238% | 0.0128% | 68 | 1.4342% | 1.4200% |
| 23 | 0.0256% | 0.0132% | 69 | 1.5486% | 1.5332% |
| 24 | 0.0271% | 0.0138% | 70 | 1.6466% | 1.6303% |
| 25 | 0.0292% | 0.0146% | 71 | 1.8083% | 1.7904% |
| 26 | 0.0325% | 0.0158% | 72 | 2.0044% | 1.9846% |
| 27 | 0.0337% | 0.0165% | 73 | 2.1131% | 2.0922% |
| 28 | 0.0347% | 0.0174% | 74 | 2.2563% | 2.2339% |
| 29 | 0.0363% | 0.0183% | 75 | 2.3420% | 2.3188% |
| 30 | 0.0392% | 0.0205% | 76 | 2.6182% | 2.5923% |
| 31 | 0.0440% | 0.0251% | 77 | 2.9499% | 2.9207% |
| 32 | 0.0496% | 0.0286% | 78 | 3.2872% | 3.2546% |
| 33 | 0.0557% | 0.0314% | 79 | 3.6307% | 3.5948% |
| 34 | 0.0619% | 0.0338% | 80 | 4.0002% | 3.9810% |
| 35 | 0.0682% | 0.0360% | 81 | 4.6552% | 4.4292% |
| 36 | 0.0742% | 0.0380% | 82 | 5.2511% | 4.8774% |
| 37 | 0.0798% | 0.0399% | 83 | 6.0990% | 5.3256% |
| 38 | 0.0829% | 0.0420% | 84 | 7.0955% | 5.7737% |
| 39 | 0.0857% | 0.0444% | 85 | 7.9616% | 6.3549% |
| 40 | 0.0883% | 0.0484% | 86 | 8.9237% | 7.4018% |
| 41 | 0.0956% | 0.0530% | 87 | 10.3314% | 8.4903% |
| 42 | 0.1112% | 0.0584% | 88 | 11.6501% | 9.4208% |
| 43 | 0.1360% | 0.0642% | 89 | 12.7949% | 10.5720% |
| 44 | 0.1708% | 0.0705% | 90 | 14.2846% | 11.5225% |
| 45 | 0.1969% | 0.0751% | 91 | 16.1019% | 12.8701% |
| 46 | 0.2237% | 0.0812% | 92 | 17.7688% | 14.1974% |
| 47 | 0.2517% | 0.0885% | 93 | 20.2028% | 15.8542% |
| 48 | 0.2805% | 0.0996% | 94 | 22.4237% | 17.1983% |
| 49 | 0.3097% | 0.1129% | 95 | 25.0224% | 18.6627% |
| 50 | 0.3258% | 0.1315% | 96 | 26.8890% | 20.2659% |
| 51 | 0.3410% | 0.1558% | 97 | 28.5910% | 22.3559% |
| 52 | 0.3555% | 0.1877% | 98 | 30.8790% | 24.0929% |
| 53 | 0.3587% | 0.2259% | 99 | 32.3238% | 25.9826% |
| 54 | 0.3619% | 0.2712% | 100 | 33.6045% | 28.0378% |
| 55 | 0.3730% | 0.3341% | 101 | 35.8628% | 30.1341% |
| 56 | 0.4167% | 0.4126% | 102 | 37.1685% | 31.0677% |
| 57 | 0.4994% | 0.4945% | 103 | 38.3040% | 31.3214% |
| 58 | 0.5809% | 0.5751% | 104 | 39.2003% | 31.5594% |
| 59 | 0.6698% | 0.6632% | 105 | 39.7886% | 31.8325% |
| 60 | 0.7468% | 0.7394% | 106 | 40.0000% | 32.0000% |
| 61 | 0.8214% | 0.8132% | 107 | 55.0000% | 49.0000% |
| 62 | 0.8814% | 0.8727% | 108 | 70.0000% | 66.0000% |
| 63 | 0.9516% | 0.9421% | 109 | 85.0000% | 83.0000% |
| 64 | 1.0267% | 1.0165% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

NEW YORK CITY FIRE PENSION FUND

**PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY THE ACTUARY**

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0392% | 0.0211% | 65 | 1.5131% | 1.4410% |
| 20 | 0.0408% | 0.0223% | 66 | 1.6581% | 1.5791% |
| 21 | 0.0424% | 0.0236% | 67 | 1.7842% | 1.6886% |
| 22 | 0.0444% | 0.0251% | 68 | 2.0351% | 1.7955% |
| 23 | 0.0464% | 0.0266% | 69 | 2.2861% | 2.0139% |
| 24 | 0.0488% | 0.0281% | 70 | 2.5370% | 2.2323% |
| 25 | 0.0513% | 0.0298% | 71 | 2.8683% | 2.4507% |
| 26 | 0.0542% | 0.0317% | 72 | 3.1996% | 2.6691% |
| 27 | 0.0572% | 0.0336% | 73 | 3.5309% | 2.8875% |
| 28 | 0.0607% | 0.0359% | 74 | 3.8621% | 3.2613% |
| 29 | 0.0645% | 0.0382% | 75 | 4.1934% | 3.6351% |
| 30 | 0.0687% | 0.0407% | 76 | 4.8077% | 4.0089% |
| 31 | 0.0734% | 0.0435% | 77 | 5.4220% | 4.3827% |
| 32 | 0.0785% | 0.0465% | 78 | 6.0363% | 4.7565% |
| 33 | 0.0860% | 0.0500% | 79 | 6.6506% | 5.2920% |
| 34 | 0.0907% | 0.0527% | 80 | 7.2649% | 5.8275% |
| 35 | 0.0966% | 0.0563% | 81 | 8.4381% | 6.3630% |
| 36 | 0.1039% | 0.0602% | 82 | 9.6112% | 6.8985% |
| 37 | 0.1128% | 0.0648% | 83 | 10.7844% | 7.4340% |
| 38 | 0.1238% | 0.0698% | 84 | 11.9576% | 8.4777% |
| 39 | 0.1357% | 0.0759% | 85 | 13.1307% | 9.5214% |
| 40 | 0.1476% | 0.0842% | 86 | 14.0581% | 10.5651% |
| 41 | 0.1595% | 0.0945% | 87 | 14.9855% | 11.6088% |
| 42 | 0.1714% | 0.1071% | 88 | 15.9129% | 12.6525% |
| 43 | 0.1834% | 0.1222% | 89 | 16.8893% | 14.1323% |
| 44 | 0.1953% | 0.1397% | 90 | 17.8955% | 15.5897% |
| 45 | 0.2072% | 0.1593% | 91 | 20.3776% | 17.0464% |
| 46 | 0.2191% | 0.1806% | 92 | 22.7699% | 18.4915% |
| 47 | 0.2310% | 0.2034% | 93 | 25.0810% | 20.0660% |
| 48 | 0.2429% | 0.2273% | 94 | 27.2365% | 21.7898% |
| 49 | 0.3041% | 0.2563% | 95 | 29.3140% | 23.5367% |
| 50 | 0.3652% | 0.2874% | 96 | 31.3376% | 25.3655% |
| 51 | 0.4263% | 0.3209% | 97 | 33.3350% | 27.3549% |
| 52 | 0.4875% | 0.3570% | 98 | 33.9143% | 29.5187% |
| 53 | 0.5486% | 0.3959% | 99 | 35.7748% | 32.5225% |
| 54 | 0.6098% | 0.4554% | 100 | 39.4787% | 35.8897% |
| 55 | 0.6709% | 0.5196% | 101 | 43.5427% | 39.5843% |
| 56 | 0.7320% | 0.5881% | 102 | 48.2196% | 43.8360% |
| 57 | 0.7932% | 0.6605% | 103 | 53.6598% | 48.7816% |
| 58 | 0.8543% | 0.7364% | 104 | 60.0475% | 54.5886% |
| 59 | 0.9155% | 0.8317% | 105 | 67.5740% | 61.4309% |
| 60 | 0.9766% | 0.9170% | 106 | 76.4374% | 69.4885% |
| 61 | 1.0540% | 1.0038% | 107 | 86.8421% | 78.9474% |
| 62 | 1.1533% | 1.0984% | 108 | 100.0000% | 100.0000% |
| 63 | 1.2609% | 1.2009% | 109 | 100.0000% | 100.0000% |
| 64 | 1.3790% | 1.3133% | 110 | 100.0000% | 100.0000% |

* Probabilities before adjustment for future mortality improvements.

BaseTable B - Recommended

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

BASE TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0358% | 0.0187% | 65 | 1.3743% | 1.1874% |
| 20 | 0.0372% | 0.0196% | 66 | 1.5111% | 1.2782% |
| 21 | 0.0389% | 0.0207% | 67 | 1.6260% | 1.4110% |
| 22 | 0.0410% | 0.0219% | 68 | 1.8086% | 1.5462% |
| 23 | 0.0434% | 0.0234% | 69 | 1.9732% | 1.6695% |
| 24 | 0.0462% | 0.0249% | 70 | 2.1118% | 1.8070% |
| 25 | 0.0539% | 0.0266% | 71 | 2.3144% | 1.9719% |
| 26 | 0.0583% | 0.0286% | 72 | 2.5396% | 2.1938% |
| 27 | 0.0619% | 0.0303% | 73 | 2.6773% | 2.3479% |
| 28 | 0.0658% | 0.0324% | 74 | 2.9743% | 2.6083% |
| 29 | 0.0699% | 0.0345% | 75 | 3.1966% | 2.8897% |
| 30 | 0.0806% | 0.0372% | 76 | 3.5254% | 3.1869% |
| 31 | 0.0862% | 0.0402% | 77 | 3.8693% | 3.5051% |
| 32 | 0.0921% | 0.0430% | 78 | 4.3339% | 3.8041% |
| 33 | 0.1009% | 0.0459% | 79 | 4.8040% | 4.2324% |
| 34 | 0.1065% | 0.0481% | 80 | 5.2796% | 4.6607% |
| 35 | 0.1220% | 0.0511% | 81 | 6.1694% | 5.0889% |
| 36 | 0.1312% | 0.0652% | 82 | 7.0698% | 5.5172% |
| 37 | 0.1425% | 0.0814% | 83 | 7.9328% | 5.9455% |
| 38 | 0.1665% | 0.0995% | 84 | 8.8492% | 6.7802% |
| 39 | 0.1815% | 0.1210% | 85 | 9.7173% | 7.6611% |
| 40 | 0.1963% | 0.1492% | 86 | 10.9049% | 8.5522% |
| 41 | 0.2107% | 0.1843% | 87 | 12.2324% | 9.4539% |
| 42 | 0.2185% | 0.2183% | 88 | 13.6425% | 10.3039% |
| 43 | 0.2597% | 0.2597% | 89 | 15.0892% | 11.5785% |
| 44 | 0.2970% | 0.2970% | 90 | 16.2473% | 12.7726% |
| 45 | 0.3366% | 0.3366% | 91 | 18.5009% | 14.1284% |
| 46 | 0.3794% | 0.3794% | 92 | 20.7977% | 15.5024% |
| 47 | 0.4111% | 0.4069% | 93 | 22.9086% | 17.1161% |
| 48 | 0.4350% | 0.4350% | 94 | 24.8774% | 18.7954% |
| 49 | 0.4459% | 0.4459% | 95 | 26.9365% | 20.3022% |
| 50 | 0.4643% | 0.4528% | 96 | 28.7960% | 21.8796% |
| 51 | 0.5004% | 0.4733% | 97 | 30.6314% | 23.7379% |
| 52 | 0.5502% | 0.4971% | 98 | 31.3515% | 25.6156% |
| 53 | 0.5950% | 0.5215% | 99 | 33.0715% | 28.2222% |
| 54 | 0.7336% | 0.6238% | 100 | 36.4955% | 32.8744% |
| 55 | 0.8372% | 0.7012% | 101 | 40.4947% | 36.4770% |
| 56 | 0.9536% | 0.7869% | 102 | 44.8442% | 40.3949% |
| 57 | 0.9793% | 0.8082% | 103 | 49.9036% | 44.9523% |
| 58 | 0.9925% | 0.8318% | 104 | 55.8442% | 50.3034% |
| 59 | 1.0275% | 0.8611% | 105 | 62.8438% | 56.6086% |
| 60 | 1.0300% | 0.8631% | 106 | 71.0868% | 64.0336% |
| 61 | 1.0549% | 0.8976% | 107 | 80.7632% | 72.7501% |
| 62 | 1.1168% | 0.9502% | 108 | 92.000% | 83.0000% |
| 63 | 1.1874% | 1.0259% | 109 | 100.000% | 95.0000% |
| 64 | 1.2811% | 1.1068% | 110 | 100.000% | 100.000% |

*Probabilities before adjustment for future mortality improvements

NEW YORK CITY FIRE PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT RECOMMENDED BY THE ACTUARY

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|-----------|-----------|
| 19 | 0.0365% | 0.0205% | 65 | 1.4072% | 1.3978% |
| 20 | 0.0379% | 0.0216% | 66 | 1.5420% | 1.5317% |
| 21 | 0.0394% | 0.0229% | 67 | 1.6593% | 1.6379% |
| 22 | 0.0413% | 0.0243% | 68 | 1.8926% | 1.7416% |
| 23 | 0.0432% | 0.0258% | 69 | 2.1261% | 1.9535% |
| 24 | 0.0454% | 0.0273% | 70 | 2.3594% | 2.1653% |
| 25 | 0.0477% | 0.0289% | 71 | 2.6675% | 2.3772% |
| 26 | 0.0504% | 0.0307% | 72 | 2.9756% | 2.5890% |
| 27 | 0.0532% | 0.0326% | 73 | 3.2837% | 2.8009% |
| 28 | 0.0565% | 0.0348% | 74 | 3.5918% | 3.1635% |
| 29 | 0.0600% | 0.0371% | 75 | 3.8999% | 3.5260% |
| 30 | 0.0639% | 0.0395% | 76 | 4.4712% | 3.8886% |
| 31 | 0.0683% | 0.0422% | 77 | 5.0425% | 4.2512% |
| 32 | 0.0730% | 0.0451% | 78 | 5.6138% | 4.6138% |
| 33 | 0.0800% | 0.0485% | 79 | 6.1851% | 5.1332% |
| 34 | 0.0844% | 0.0511% | 80 | 6.7564% | 5.6527% |
| 35 | 0.0898% | 0.0546% | 81 | 7.8474% | 6.1721% |
| 36 | 0.0966% | 0.0584% | 82 | 8.9384% | 6.6915% |
| 37 | 0.1049% | 0.0629% | 83 | 10.0295% | 7.2110% |
| 38 | 0.1151% | 0.0677% | 84 | 11.1206% | 8.2234% |
| 39 | 0.1262% | 0.0736% | 85 | 12.2116% | 9.2358% |
| 40 | 0.1373% | 0.0817% | 86 | 13.0740% | 10.2481% |
| 41 | 0.1483% | 0.0917% | 87 | 13.9365% | 11.2605% |
| 42 | 0.1594% | 0.1039% | 88 | 14.7990% | 12.2729% |
| 43 | 0.1706% | 0.1185% | 89 | 15.7070% | 13.7083% |
| 44 | 0.1816% | 0.1355% | 90 | 16.6428% | 15.1220% |
| 45 | 0.1927% | 0.1545% | 91 | 18.9512% | 16.5350% |
| 46 | 0.2038% | 0.1752% | 92 | 21.1760% | 17.9368% |
| 47 | 0.2148% | 0.1973% | 93 | 23.3253% | 19.4640% |
| 48 | 0.2259% | 0.2205% | 94 | 25.3299% | 21.1361% |
| 49 | 0.2828% | 0.2486% | 95 | 27.2620% | 22.8306% |
| 50 | 0.3396% | 0.2788% | 96 | 29.1440% | 24.6045% |
| 51 | 0.3965% | 0.3113% | 97 | 31.0016% | 26.5343% |
| 52 | 0.4534% | 0.3463% | 98 | 31.5403% | 28.6331% |
| 53 | 0.5102% | 0.3840% | 99 | 33.2706% | 31.5468% |
| 54 | 0.5671% | 0.4417% | 100 | 36.7152% | 34.8130% |
| 55 | 0.6239% | 0.5040% | 101 | 40.4947% | 38.3968% |
| 56 | 0.6808% | 0.5705% | 102 | 44.8442% | 42.5209% |
| 57 | 0.7377% | 0.6407% | 103 | 49.9036% | 47.3182% |
| 58 | 0.7945% | 0.7143% | 104 | 55.8442% | 52.9509% |
| 59 | 0.8514% | 0.8067% | 105 | 62.8438% | 59.5880% |
| 60 | 0.9082% | 0.8895% | 106 | 71.0868% | 67.4038% |
| 61 | 0.9802% | 0.9737% | 107 | 80.7632% | 76.5790% |
| 62 | 1.0726% | 1.0654% | 108 | 100.0000% | 100.0000% |
| 63 | 1.1726% | 1.1649% | 109 | 100.0000% | 100.0000% |
| 64 | 1.2825% | 1.2739% | 110 | 100.0000% | 100.0000% |

* Probabilities equal 93% of Base Tables for males, 97% for females.

Valuation Table B - Recommended

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

PROBABILITIES OF MORTALITY AFTER DISABILITY RETIREMENT
RECOMMENDED BY HAY GROUP

VALUATION TABLES*

| Age | Males | Females | Age | Males | Females |
|-----|---------|---------|-----|----------|----------|
| 19 | 0.0268% | 0.0149% | 65 | 1.1124% | 1.1014% |
| 20 | 0.0279% | 0.0154% | 66 | 1.2418% | 1.1857% |
| 21 | 0.0296% | 0.0160% | 67 | 1.3363% | 1.3088% |
| 22 | 0.0317% | 0.0170% | 68 | 1.4639% | 1.4342% |
| 23 | 0.0346% | 0.0184% | 69 | 1.5971% | 1.5486% |
| 24 | 0.0379% | 0.0199% | 70 | 1.6834% | 1.6761% |
| 25 | 0.0463% | 0.0215% | 71 | 1.8450% | 1.8017% |
| 26 | 0.0533% | 0.0238% | 72 | 2.0245% | 2.0044% |
| 27 | 0.0575% | 0.0253% | 73 | 2.1342% | 2.1131% |
| 28 | 0.0610% | 0.0270% | 74 | 2.3709% | 2.3475% |
| 29 | 0.0648% | 0.0288% | 75 | 2.5873% | 2.5617% |
| 30 | 0.0748% | 0.0320% | 76 | 2.8534% | 2.8251% |
| 31 | 0.0799% | 0.0356% | 77 | 3.1797% | 3.1546% |
| 32 | 0.0854% | 0.0381% | 78 | 3.6160% | 3.4237% |
| 33 | 0.0936% | 0.0401% | 79 | 4.0696% | 3.8091% |
| 34 | 0.0988% | 0.0414% | 80 | 4.5408% | 4.1946% |
| 35 | 0.1132% | 0.0433% | 81 | 5.3870% | 4.5800% |
| 36 | 0.1217% | 0.0544% | 82 | 6.2673% | 4.9654% |
| 37 | 0.1322% | 0.0669% | 83 | 7.0324% | 5.3509% |
| 38 | 0.1522% | 0.0806% | 84 | 7.9642% | 6.1022% |
| 39 | 0.1633% | 0.0965% | 85 | 8.7455% | 6.9998% |
| 40 | 0.1740% | 0.1190% | 86 | 9.8144% | 7.9328% |
| 41 | 0.1840% | 0.1469% | 87 | 11.1766% | 8.9023% |
| 42 | 0.1879% | 0.1740% | 88 | 12.6544% | 9.7027% |
| 43 | 0.2200% | 0.2071% | 89 | 13.9963% | 11.0683% |
| 44 | 0.2478% | 0.2368% | 90 | 15.2993% | 12.2097% |
| 45 | 0.2766% | 0.2643% | 91 | 17.4214% | 13.5058% |
| 46 | 0.3071% | 0.2933% | 92 | 19.8812% | 14.8192% |
| 47 | 0.3277% | 0.3099% | 93 | 21.8991% | 16.6098% |
| 48 | 0.3415% | 0.3313% | 94 | 23.7811% | 18.2393% |
| 49 | 0.3447% | 0.3395% | 95 | 26.1396% | 19.7016% |
| 50 | 0.3536% | 0.3501% | 96 | 27.9441% | 21.2324% |
| 51 | 0.3753% | 0.3716% | 97 | 29.7252% | 23.3844% |
| 52 | 0.4064% | 0.4024% | 98 | 30.8845% | 25.2340% |
| 53 | 0.4394% | 0.4351% | 99 | 32.5789% | 27.8018% |
| 54 | 0.5419% | 0.5365% | 100 | 35.9518% | 32.3847% |
| 55 | 0.6278% | 0.6216% | 101 | 40.4947% | 36.4770% |
| 56 | 0.7262% | 0.7190% | 102 | 44.8442% | 40.3949% |
| 57 | 0.7572% | 0.7497% | 103 | 49.9036% | 44.9523% |
| 58 | 0.7792% | 0.7715% | 104 | 55.8442% | 50.3034% |
| 59 | 0.8067% | 0.7987% | 105 | 62.8438% | 56.6086% |
| 60 | 0.8086% | 0.8006% | 106 | 71.0868% | 64.0336% |
| 61 | 0.8409% | 0.8326% | 107 | 80.7632% | 72.7501% |
| 62 | 0.8902% | 0.8814% | 108 | 92.000% | 83.0000% |
| 63 | 0.9611% | 0.9516% | 109 | 100.000% | 95.0000% |
| 64 | 1.0369% | 1.0267% | 110 | 100.000% | 100.000% |

*Probabilities after adjustment for future mortality improvements

Table C

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

SERVICE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE
RECOMMENDED BY HAY GROUP

| Years of Service | Withdrawal | | | |
|------------------|------------|-------------|---------|-------------|
| | Males | | Females | |
| | Current | Recommended | Current | Recommended |
| 0 | 1.0000% | 1.3600% | 1.0000% | 1.3600% |
| 1 | 0.7000% | 0.9520% | 0.7000% | 0.9520% |
| 2 | 0.5000% | 0.6800% | 0.5000% | 0.6800% |
| 3 | 0.3000% | 0.4080% | 0.3000% | 0.4080% |
| 4 | 0.2000% | 0.3800% | 0.2000% | 0.3800% |
| 5 | 0.2000% | 0.3800% | 0.2000% | 0.3800% |
| 6 | 0.2000% | 0.3800% | 0.2000% | 0.3800% |
| 7 | 0.2000% | 0.3800% | 0.2000% | 0.3800% |
| 8 | 0.2000% | 0.3800% | 0.2000% | 0.3800% |
| 9 | 0.2000% | 0.1700% | 0.2000% | 0.1700% |
| 10 | 0.2000% | 0.1700% | 0.2000% | 0.1700% |
| 11 | 0.2000% | 0.1700% | 0.2000% | 0.1700% |
| 12 | 0.2000% | 0.1700% | 0.2000% | 0.1700% |
| 13 | 0.2000% | 0.1700% | 0.2000% | 0.1700% |
| 14 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 15 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 16 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 17 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 18 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 19 | 0.2000% | 0.1080% | 0.2000% | 0.1080% |
| 20 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 21 | 0.2957% | 0.3773% | 0.2957% | 0.3773% |
| 22 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 23 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 24 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 25 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 26 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 27 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 28 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 29 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 30 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 31 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 32 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 33 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 34 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 35 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 36 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 37 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 38 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 39 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 40 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 41 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 42 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 43 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 44 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| 45 | 0.0000% | 0.0000% | 0.0000% | 0.0000% |

Table F

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

ANNUAL RATES OF SALARY INCREASE
RECOMMENDED BY HAY GROUP

Males & Females

| Years of Service | Merit Increase | | Salary Scale | |
|------------------|----------------|-------------|--------------|---------------|
| | Current | Recommended | Current* | Recommended** |
| 0 | 5.0000% | 6.0000% | 8.0000% | 9.5000% |
| 1 | 5.0000% | 6.0000% | 8.0000% | 9.5000% |
| 2 | 5.0000% | 6.0000% | 8.0000% | 9.5000% |
| 3 | 5.0000% | 6.0000% | 8.0000% | 9.5000% |
| 4 | 26.0000% | 31.2000% | 29.0000% | 34.7000% |
| 5 | 0.5000% | 0.6000% | 3.5000% | 4.1000% |
| 6 | 0.6000% | 0.7200% | 3.6000% | 4.2200% |
| 7 | 0.7000% | 0.8400% | 3.7000% | 4.3400% |
| 8 | 0.8000% | 0.9600% | 3.8000% | 4.4600% |
| 9 | 2.6000% | 3.1200% | 5.6000% | 6.6200% |
| 10 | 1.0000% | 1.2000% | 4.0000% | 4.7000% |
| 11 | 1.1000% | 1.3200% | 4.1000% | 4.8200% |
| 12 | 1.2000% | 1.4400% | 4.2000% | 4.9400% |
| 13 | 1.3000% | 1.5600% | 4.3000% | 5.0600% |
| 14 | 3.1000% | 3.7200% | 6.1000% | 7.2200% |
| 15 | 1.5000% | 1.8000% | 4.5000% | 5.3000% |
| 16 | 1.6000% | 0.7200% | 4.6000% | 4.2200% |
| 17 | 1.7000% | 0.7650% | 4.7000% | 4.2650% |
| 18 | 1.8000% | 0.8100% | 4.8000% | 4.3100% |
| 19 | 3.6000% | 1.6200% | 6.6000% | 5.1200% |
| 20 | 2.0000% | 0.9000% | 5.0000% | 4.4000% |
| 21 | 1.9000% | 0.8550% | 4.9000% | 4.3550% |
| 22 | 1.8000% | 0.8100% | 4.8000% | 4.3100% |
| 23 | 1.7000% | 0.7650% | 4.7000% | 4.2650% |
| 24 | 1.6000% | 0.7200% | 4.6000% | 4.2200% |
| 25 | 1.5000% | 0.6750% | 4.5000% | 4.1750% |
| 26 | 1.4000% | 0.2100% | 4.4000% | 3.7100% |
| 27 | 1.3000% | 0.1950% | 4.3000% | 3.6950% |
| 28 | 1.2000% | 0.1800% | 4.2000% | 3.6800% |
| 29 | 1.1000% | 0.1650% | 4.1000% | 3.6650% |
| 30 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 31 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 32 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 33 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 34 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 35 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 36 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 37 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 38 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 39 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 40 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 41 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 42 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 43 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 44 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 45 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 46 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 47 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 48 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 49 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |
| 50 | 1.0000% | 0.1500% | 4.0000% | 3.6500% |

* Includes General Wage Increase of 3.0% per year.

** Includes General Wage Increase of 3.50% per year.

Table G

NEW YORK CITY FIRE DEPARTMENT PENSION FUND

OVERTIME PAY

Males & Females

| Years of Service | In All Years | | In Year Before Service Retirement | | In Year Before Disability Retirement | |
|------------------|--------------|-------------|-----------------------------------|-------------|--------------------------------------|-------------|
| | Current | Recommended | Current | Recommended | Current | Recommended |
| 0 | 12.0000% | 14.0000% | 16.0000% | 16.0000% | 6.0000% | 10.0000% |
| 1 | 12.0000% | 14.0000% | 16.0000% | 16.0000% | 6.0000% | 10.0000% |
| 2 | 12.0000% | 14.0000% | 16.0000% | 16.0000% | 6.0000% | 10.0000% |
| 3 | 12.0000% | 14.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 4 | 12.0000% | 14.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 5 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 6 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 7 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 8 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 9 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 10 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 11 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 12 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 13 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 14 | 12.0000% | 15.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 15 | 12.0000% | 15.6000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 16 | 12.0000% | 15.6000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 17 | 12.0000% | 16.0000% | 16.0000% | 16.0000% | 6.0000% | 15.0000% |
| 18 | 12.0000% | 16.0000% | 16.0000% | 18.0000% | 6.0000% | 20.0000% |
| 19 | 12.0000% | 18.0000% | 16.0000% | 20.0000% | 6.0000% | 20.0000% |
| 20 | 12.0000% | 18.0000% | 16.0000% | 23.0000% | 6.0000% | 20.0000% |
| 21 | 12.0000% | 16.0000% | 16.0000% | 23.0000% | 6.0000% | 20.0000% |
| 22 | 12.0000% | 16.0000% | 16.0000% | 23.0000% | 6.0000% | 20.0000% |
| 23 | 12.0000% | 15.6000% | 16.0000% | 23.0000% | 6.0000% | 20.0000% |
| 24 | 12.0000% | 15.6000% | 16.0000% | 23.0000% | 6.0000% | 20.0000% |
| 25 | 12.0000% | 14.0000% | 16.0000% | 20.0000% | 6.0000% | 14.0000% |
| 26 | 12.0000% | 14.0000% | 16.0000% | 18.0000% | 6.0000% | 14.0000% |
| 27 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 14.0000% |
| 28 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 14.0000% |
| 29 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 12.0000% |
| 30 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 12.0000% |
| 31 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 12.0000% |
| 32 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 12.0000% |
| 33 | 12.0000% | 9.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 34 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 35 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 36 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 37 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 38 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 39 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 40 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 41 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 42 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 43 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 44 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 45 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 46 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 47 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 48 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 49 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |
| 50 | 12.0000% | 6.0000% | 16.0000% | 16.0000% | 6.0000% | 7.0000% |