



## OFFICE OF THE ACTUARY

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ROBERT C. NORTH, JR.  
CHIEF ACTUARY

### MEMORANDUM

TO: Retirement Board  
New York City Teachers' Retirement  
System ("TRS")

FROM: Robert C. North, Jr. *RS*  
Chief Actuary

SUBJ: Draft Resolution for Adoption of  
Additional Demographic Assumptions

DATE: November 5, 2008

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Attached in Appendix A is a draft Resolution for which I respectfully request consideration and adoption by the Retirement Board of the New York City Teachers' Retirement System ("TRS").

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The Resolution provides for the Retirement Board to adopt two sets of gender-specific, age-related probabilities of decrement from active service (the "Tables") related to the establishment of an Improved Retirement Program ("IRP") providing for two Unreduced Service Retirement Plans (i.e., the "55/25 Plan" and the "55/27 Plan") enacted under Chapter 19 of the Laws of 2008 ("Chapter 19/08"). These Tables will replace the current age-related probabilities of decrement from active service.

One set of Tables provides age-related probabilities of decrement from active service for members who elect to participate in the 55/25 Plan and to pay Additional Member Contributions ("AMC").

The second set of Tables provides age-related probabilities of decrement from active service for members who either did not elect to join the 55/25 Plan or who are mandated to participate in the 55/27 Plan. Note: This set of Tables, except for the description and footnotes, include the same probabilities of decrement from active service as are currently in use.

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Attached in Appendix B are the Tables containing the age-related probabilities of decrement from active service.

I would appreciate the Retirement Board consider and adopt this draft Resolution at its November 20, 2008 meeting.

Thank you.

Att.

RCN/bs

cc: Mr. J.R. Gibney  
J. Giller, Esq.  
Mr. J.A. Petrovic  
Mr. S.H. Rumley  
Mr. N. Serrano  
I. Van Eysden, Esq.

APPENDIX A

**NEW YORK CITY TEACHERS' RETIREMENT SYSTEM**

**DRAFT RESOLUTION**

**PROPOSED CHANGES IN ACTUARIAL ASSUMPTIONS AND METHODS  
ADOPTION OF ADDITIONAL DEMOGRAPHIC TABLES**

The following Resolution is presented to the Retirement Board of the New York City Teachers' Retirement System ("TRS") for consideration and adoption:

**WHEREAS**, The Actuary proposed changes in certain actuarial assumptions and methods as presented in his Report dated August 31, 2005 entitled "Proposed Changes in Actuarial Assumptions and Methods for Fiscal Years Beginning on and After July 1, 2005 for the New York City Teachers' Retirement System" ("August 2005 Report"); and

**WHEREAS**, The Retirement Board adopted those actuarial assumptions requiring Board approval (i.e., the demographic and Salary Scale assumptions presented as Appendix D of the August 2005 Report) at its meeting on October 20, 2005; and

**WHEREAS**, At its meeting on February 16, 2006, the Retirement Board adopted corrected tables for decrement from active service presented in a memorandum from the Actuary dated February 10, 2006 ("February 2006 Memorandum") to rectify the unintended omission of the decrement for Reduced Service Retirement, and

**WHEREAS**, Chapter 19 of the Laws of 2008 ("Chapter 19/08") was enacted on February 27, 2008; and

**WHEREAS**, Chapter 19/08 established an Improved Retirement Program ("IRP") providing for two Unreduced Service Retirement Plans (i.e., the "55/25 Plan" and the "55/27 Plan"); and

**WHEREAS**, The 55/25 Plan permits certain Tier 2 and Tier 4 members of TRS who elected to participate, upon reaching age 55 and having 25 years of service, to retire without reduction in their benefits subject to the payment of certain Additional Member Contributions ("AMC"); and

**WHEREAS**, The IRP mandates members hired on or after February 28, 2008 to participate in the 55/27 Plan and also requires AMC; and

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM

DRAFT RESOLUTION

PROPOSED CHANGES IN ACTUARIAL ASSUMPTIONS AND METHODS  
ADOPTION OF ADDITIONAL DEMOGRAPHIC TABLES

**WHEREAS,** The August 2005 Report and the February 2006 Memorandum do not include tables containing age-related probabilities of decrement from active service for members who voluntarily elected to participate in the 55/25 Plan; and

**WHEREAS,** The August 2005 Report and the February 2006 Memorandum do not specify that the existing tables containing age-related probabilities of decrement from active service would apply for members who are mandated into the 55/27 Plan, and

**WHEREAS,** The Retirement Board has reviewed the Actuary's proposed tables of age-related probabilities of decrement from active services presented in a November 5, 2008 memorandum; and

**WHEREAS,** The Retirement Board accepts and supports the Actuary's proposed age-related probabilities of decrement from active service, now therefore, be it

**RESOLVED,** That the Retirement Board accepts and supports the Actuary's proposed tables of age-related probabilities of decrement from active service for members who elected to participate in the 55/25 Plan; and, be it further

**RESOLVED,** That the Retirement Board accepts and supports the Actuary's proposed tables of age-related probabilities of decrement from active service for members who did not elect to participate in the 55/25 Plan or who are mandated into the 55/27 Plan; and, be it further

**RESOLVED,** That the Retirement Board hereby adopts the tables of age-related probabilities of decrement from active service presented in a November 5, 2008 Memorandum from the Actuary.

Respectfully submitted:

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Nelson Serrano  
Executive Director  
7165M:bs

APPENDIX B

**NEW YORK CITY TEACHERS' RETIREMENT SYSTEM**

**AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE  
RECOMMENDED BY THE ACTUARY  
MEMBERS WHO DO NOT ELECT AN OPTIONAL RETIREMENT PROGRAM\***

**MALES**

Age	Ordinary Death	Accidental Death	Ordinary Disability	Accidental Disability	Reduced Svc Ret	***** Service Retirement *****		
						Year 1	Year 2	Ultimate
19	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
20	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
21	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
22	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
23	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
24	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
25	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
26	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
27	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
28	0.040%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
29	0.040%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
30	0.040%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
31	0.042%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
32	0.044%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
33	0.046%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
34	0.048%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
35	0.050%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
36	0.052%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
37	0.054%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
38	0.056%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
39	0.058%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
40	0.060%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
41	0.070%	0.00%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%
42	0.080%	0.00%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%
43	0.090%	0.00%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%
44	0.100%	0.00%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%
45	0.110%	0.00%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%
46	0.120%	0.00%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%
47	0.130%	0.00%	0.06%	0.03%	0.00%	0.00%	0.00%	0.00%
48	0.140%	0.00%	0.06%	0.03%	0.00%	0.00%	0.00%	0.00%
49	0.150%	0.00%	0.06%	0.03%	0.00%	0.00%	0.00%	0.00%
50	0.160%	0.00%	0.07%	0.03%	0.00%	0.00%	0.00%	0.00%
51	0.170%	0.00%	0.08%	0.03%	0.00%	0.00%	0.00%	0.00%
52	0.180%	0.00%	0.09%	0.03%	0.00%	0.00%	0.00%	0.00%
53	0.190%	0.00%	0.10%	0.03%	0.00%	0.00%	0.00%	0.00%
54	0.200%	0.00%	0.11%	0.04%	0.00%	0.00%	0.00%	0.00%
55	0.210%	0.00%	0.12%	0.04%	2.00%	12.00%	0.00%	0.00%
56	0.220%	0.00%	0.13%	0.04%	2.00%	12.00%	10.00%	0.00%
57	0.230%	0.00%	0.14%	0.04%	2.00%	12.00%	10.00%	10.00%
58	0.240%	0.00%	0.15%	0.04%	3.00%	12.00%	10.00%	10.00%
59	0.250%	0.00%	0.16%	0.04%	4.00%	12.00%	10.00%	10.00%
60	0.260%	0.00%	0.17%	0.05%	5.00%	12.00%	10.00%	10.00%
61	0.270%	0.00%	0.18%	0.05%	6.00%	12.00%	10.00%	10.00%
62	0.280%	0.00%	0.20%	0.05%	0.00%	25.00%	25.00%	25.00%
63	0.290%	0.00%	0.21%	0.05%	0.00%	20.00%	20.00%	20.00%
64	0.300%	0.00%	0.23%	0.06%	0.00%	20.00%	20.00%	20.00%
65	0.320%	0.00%	0.24%	0.06%	0.00%	30.00%	30.00%	30.00%
66	0.350%	0.00%	0.26%	0.06%	0.00%	25.00%	25.00%	25.00%
67	0.390%	0.00%	0.28%	0.06%	0.00%	25.00%	25.00%	25.00%
68	0.440%	0.00%	0.29%	0.06%	0.00%	25.00%	25.00%	25.00%
69	0.500%	0.00%	0.31%	0.07%	0.00%	25.00%	25.00%	25.00%
70	NA	NA	NA	NA	NA	100.00%	100.00%	100.00%

\* Applies to members who did not voluntarily elect to participate in the 55/25 plan enacted under Chapter 19 of the Laws of 2008 and to members mandated into the 55/27 plan.

Note: All probabilities are rounded as shown and apply to males only at age/service when member is eligible. Assumptions are for use in actuarial valuations on and after June 30, 2004 in conjunction with One-Year Lag methodology to determine Fiscal Year 2006 and later employer contributions.

NA: Not Applicable as members age 70 and greater are assumed to leave active employment immediately.

**NEW YORK CITY TEACHERS' RETIREMENT SYSTEM**

**AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE  
RECOMMENDED BY THE ACTUARY  
MEMBERS WHO DO NOT ELECT AN OPTIONAL RETIREMENT PROGRAM\***

**FEMALES**

Age	Ordinary Death	Accidental Death	Ordinary Disability	Accidental Disability	Reduced Svc Ret	***** Service Retirement *****		
						Year 1	Year 2	Ultimate
19	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
20	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
21	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
22	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
23	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
24	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
25	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
26	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
27	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
28	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
29	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
30	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
31	0.021%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
32	0.022%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
33	0.023%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
34	0.024%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
35	0.025%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
36	0.026%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
37	0.027%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
38	0.028%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
39	0.029%	0.00%	0.05%	0.01%	0.00%	0.00%	0.00%	0.00%
40	0.030%	0.00%	0.06%	0.01%	0.00%	0.00%	0.00%	0.00%
41	0.035%	0.00%	0.07%	0.01%	0.00%	0.00%	0.00%	0.00%
42	0.040%	0.00%	0.07%	0.01%	0.00%	0.00%	0.00%	0.00%
43	0.045%	0.00%	0.08%	0.01%	0.00%	0.00%	0.00%	0.00%
44	0.050%	0.00%	0.08%	0.01%	0.00%	0.00%	0.00%	0.00%
45	0.055%	0.00%	0.09%	0.01%	0.00%	0.00%	0.00%	0.00%
46	0.060%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
47	0.065%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
48	0.070%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
49	0.075%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
50	0.080%	0.00%	0.10%	0.02%	0.00%	0.00%	0.00%	0.00%
51	0.085%	0.00%	0.11%	0.02%	0.00%	0.00%	0.00%	0.00%
52	0.090%	0.00%	0.11%	0.02%	0.00%	0.00%	0.00%	0.00%
53	0.095%	0.00%	0.12%	0.02%	0.00%	0.00%	0.00%	0.00%
54	0.100%	0.00%	0.12%	0.02%	0.00%	0.00%	0.00%	0.00%
55	0.105%	0.00%	0.13%	0.02%	2.00%	10.00%	0.00%	0.00%
56	0.110%	0.00%	0.13%	0.03%	2.00%	10.00%	8.00%	0.00%
57	0.115%	0.00%	0.14%	0.03%	2.00%	10.00%	8.00%	8.00%
58	0.120%	0.00%	0.14%	0.03%	3.00%	10.00%	8.00%	8.00%
59	0.125%	0.00%	0.15%	0.03%	4.00%	10.00%	8.00%	8.00%
60	0.130%	0.00%	0.15%	0.03%	5.00%	10.00%	8.00%	8.00%
61	0.135%	0.00%	0.15%	0.03%	6.00%	10.00%	8.00%	8.00%
62	0.140%	0.00%	0.16%	0.03%	0.00%	20.00%	20.00%	20.00%
63	0.145%	0.00%	0.16%	0.04%	0.00%	15.00%	15.00%	15.00%
64	0.150%	0.00%	0.17%	0.04%	0.00%	15.00%	15.00%	15.00%
65	0.160%	0.00%	0.17%	0.04%	0.00%	30.00%	30.00%	30.00%
66	0.175%	0.00%	0.18%	0.04%	0.00%	25.00%	25.00%	25.00%
67	0.195%	0.00%	0.19%	0.04%	0.00%	25.00%	25.00%	25.00%
68	0.220%	0.00%	0.20%	0.04%	0.00%	25.00%	25.00%	25.00%
69	0.250%	0.00%	0.21%	0.04%	0.00%	25.00%	25.00%	25.00%
70	NA	NA	NA	NA	NA	100.00%	100.00%	100.00%

\* Applies to members who did not voluntarily elect to participate in the 55/25 plan enacted under Chapter 19 of the Laws of 2008 and to members mandated into the 55/27 plan.

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**NEW YORK CITY TEACHERS' RETIREMENT SYSTEM**

**AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE  
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**MALES**

Age	Ordinary Death	Accidental Death	Ordinary Disability	Accidental Disability	Reduced Svc Ret	***** Year 1	Service Retirement Year 2	***** Ultimate
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22	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
23	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
24	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
25	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
26	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
27	0.040%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
28	0.040%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
29	0.040%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
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32	0.044%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
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35	0.050%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
36	0.052%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
37	0.054%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
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40	0.060%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
41	0.070%	0.00%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%
42	0.080%	0.00%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%
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46	0.120%	0.00%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%
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53	0.190%	0.00%	0.10%	0.03%	0.00%	0.00%	0.00%	0.00%
54	0.200%	0.00%	0.11%	0.04%	0.00%	0.00%	0.00%	0.00%
55	0.210%	0.00%	0.12%	0.04%	2.00%	40.00%	0.00%	0.00%
56	0.220%	0.00%	0.13%	0.04%	2.00%	40.00%	30.00%	0.00%
57	0.230%	0.00%	0.14%	0.04%	2.00%	40.00%	30.00%	20.00%
58	0.240%	0.00%	0.15%	0.04%	3.00%	40.00%	30.00%	20.00%
59	0.250%	0.00%	0.16%	0.04%	4.00%	40.00%	30.00%	20.00%
60	0.260%	0.00%	0.17%	0.05%	5.00%	40.00%	30.00%	20.00%
61	0.270%	0.00%	0.18%	0.05%	6.00%	40.00%	30.00%	20.00%
62	0.280%	0.00%	0.20%	0.05%	0.00%	25.00%	25.00%	25.00%
63	0.290%	0.00%	0.21%	0.05%	0.00%	20.00%	20.00%	20.00%
64	0.300%	0.00%	0.23%	0.06%	0.00%	20.00%	20.00%	20.00%
65	0.320%	0.00%	0.24%	0.06%	0.00%	30.00%	30.00%	30.00%
66	0.350%	0.00%	0.26%	0.06%	0.00%	25.00%	25.00%	25.00%
67	0.390%	0.00%	0.28%	0.06%	0.00%	25.00%	25.00%	25.00%
68	0.440%	0.00%	0.29%	0.06%	0.00%	25.00%	25.00%	25.00%
69	0.500%	0.00%	0.31%	0.07%	0.00%	25.00%	25.00%	25.00%
70	NA	NA	NA	NA	NA	100.00%	100.00%	100.00%

\* Applies to members who voluntarily elected to participate in the 55/25 plan enacted under Chapter 19 of the Laws of 2008.

Note: All probabilities are rounded as shown and apply to males only at age/service when member is eligible. Assumptions are for use in actuarial valuations on and after June 30, 2004 in conjunction with One-Year Lag methodology to determine Fiscal Year 2006 and later employer contributions.

NA: Not Applicable as members age 70 and greater are assumed to leave active employment immediately.

**NEW YORK CITY TEACHERS' RETIREMENT SYSTEM**

**AGE-RELATED PROBABILITIES OF DECREMENT FROM ACTIVE SERVICE  
RECOMMENDED BY THE ACTUARY  
MEMBERS WHO ELECTED AN IMPROVED RETIREMENT PROGRAM\***

**FEMALES**

Age	Ordinary Death	Accidental Death	Ordinary Disability	Accidental Disability	Reduced Svc Ret	***** Service Retirement *****		
						Year 1	Year 2	Ultimate
19	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
20	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
21	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
22	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
23	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
24	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
25	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
26	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
27	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
28	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
29	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
30	0.020%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
31	0.021%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
32	0.022%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
33	0.023%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
34	0.024%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
35	0.025%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
36	0.026%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%
37	0.027%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
38	0.028%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%
39	0.029%	0.00%	0.05%	0.01%	0.00%	0.00%	0.00%	0.00%
40	0.030%	0.00%	0.06%	0.01%	0.00%	0.00%	0.00%	0.00%
41	0.035%	0.00%	0.07%	0.01%	0.00%	0.00%	0.00%	0.00%
42	0.040%	0.00%	0.07%	0.01%	0.00%	0.00%	0.00%	0.00%
43	0.045%	0.00%	0.08%	0.01%	0.00%	0.00%	0.00%	0.00%
44	0.050%	0.00%	0.08%	0.01%	0.00%	0.00%	0.00%	0.00%
45	0.055%	0.00%	0.09%	0.01%	0.00%	0.00%	0.00%	0.00%
46	0.060%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
47	0.065%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
48	0.070%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
49	0.075%	0.00%	0.09%	0.02%	0.00%	0.00%	0.00%	0.00%
50	0.080%	0.00%	0.10%	0.02%	0.00%	0.00%	0.00%	0.00%
51	0.085%	0.00%	0.11%	0.02%	0.00%	0.00%	0.00%	0.00%
52	0.090%	0.00%	0.11%	0.02%	0.00%	0.00%	0.00%	0.00%
53	0.095%	0.00%	0.12%	0.02%	0.00%	0.00%	0.00%	0.00%
54	0.100%	0.00%	0.12%	0.02%	0.00%	0.00%	0.00%	0.00%
55	0.105%	0.00%	0.13%	0.02%	2.00%	40.00%	0.00%	0.00%
56	0.110%	0.00%	0.13%	0.03%	2.00%	40.00%	30.00%	0.00%
57	0.115%	0.00%	0.14%	0.03%	2.00%	40.00%	30.00%	20.00%
58	0.120%	0.00%	0.14%	0.03%	3.00%	40.00%	30.00%	20.00%
59	0.125%	0.00%	0.15%	0.03%	4.00%	40.00%	30.00%	20.00%
60	0.130%	0.00%	0.15%	0.03%	5.00%	40.00%	30.00%	20.00%
61	0.135%	0.00%	0.15%	0.03%	6.00%	40.00%	30.00%	20.00%
62	0.140%	0.00%	0.16%	0.03%	0.00%	25.00%	25.00%	25.00%
63	0.145%	0.00%	0.16%	0.04%	0.00%	20.00%	20.00%	20.00%
64	0.150%	0.00%	0.17%	0.04%	0.00%	20.00%	20.00%	20.00%
65	0.160%	0.00%	0.17%	0.04%	0.00%	30.00%	30.00%	30.00%
66	0.175%	0.00%	0.18%	0.04%	0.00%	25.00%	25.00%	25.00%
67	0.195%	0.00%	0.19%	0.04%	0.00%	25.00%	25.00%	25.00%
68	0.220%	0.00%	0.20%	0.04%	0.00%	25.00%	25.00%	25.00%
69	0.250%	0.00%	0.21%	0.04%	0.00%	25.00%	25.00%	25.00%
70	NA	NA	NA	NA	NA	100.00%	100.00%	100.00%

\* Applies to members who voluntarily elected to participate in the 55/25 plan enacted under Chapter 19 of the Laws of 2008.

Note: All probabilities are rounded as shown and apply to females only at age/service when member is eligible. Assumptions are for use in actuarial valuations on and after June 30, 2004 in conjunction with One-Year Lag methodology to determine Fiscal Year 2006 and later employer contributions.

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