

NEW HAMPSHIRE RETIREMENT SYSTEM
REPORT ON THE ACTUARIAL EXPERIENCE AND THE
SELECTION OF ACTUARIAL ASSUMPTIONS
PREPARED AS OF JUNE 30, 2005

OCTOBER, 2005

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**NEW HAMPSHIRE RETIREMENT SYSTEM
REPORT ON THE ACTUARIAL EXPERIENCE
AND THE SELECTION OF ACTUARIAL ASSUMPTIONS**

I. INTRODUCTION

1. The ultimate cost of any retirement system is equal to the sum of the benefits paid plus expenses less the investment earnings realized on the funds set aside for the system. In order for the sponsor to provide such funds on a reasonable and relatively stable basis, the actuary is requested to prepare periodic valuations of the system's contingent assets and liabilities so as to measure the funded status and to ensure that the funding is adequate to maintain the system's actuarial balance.
2. The purpose of funding is primarily to assist the sponsor in budgeting for the system's costs and to provide a certain level of security to members to insure that their benefits will be paid upon entitlement.
3. While the ultimate system cost is definitely determinable at some future date (when the last benefit is paid and *all* expenses are provided for), the actuarial valuation attempts to estimate this cost today based on a specific set of assumptions and methods. These assumptions and methods must be selected with care so as to portray, as accurately as possible, future system experience.
4. The major elements of the actuarial assumptions are as follows:
 - (a) Active service decremental assumptions
 - (b) Salary scale
 - (c) Postretirement mortality rates
 - (d) Interest rates
5. The actuarial assumptions selected should reflect the actuary's best judgment of future events. They should take into account the actual experience of the covered group to the extent information is available and applicable, but in recognition of the nature of a pension

plan, they should also reflect long-term future trends rather than give undue weight to recent past experience. The actuary should give consideration to the reasonableness of each actuarial assumption independently on the basis of its own merit and to the combined impact of all the assumptions. The actuary, in choosing assumptions, should take into account, to the extent appropriate, general or specific information available from other sources including the plan sponsor, plan administrator, investment managers, etc.

6. The balance of this report describes in detail the actuarial experience of the System for the period July 1, 2001 through June 30, 2005 and our recommended assumptions.

II. ACTIVE SERVICE DECREMENTAL EXPERIENCE

A. General Comments

1. This section reviews the appropriate probabilities to be assigned to the following contingencies:
 - a. Termination (withdrawal and vesting)
 - b. Disability (ordinary and accidental)
 - c. Preretirement death (ordinary and accidental)
 - d. Retirement (including early retirement)
2. The numerical summaries of the System's experience from July 1, 2001 through June 30, 2005 are present in Appendix B. The tables show the expected number of separations from service on account of withdrawal, disability, death and retirement based on the current assumptions, as well as the actual number of separations from service on account of withdrawal, disability, death and retirement. The tables also show the ratios of the actual experience of the System as compared to that expected by the current actuarial assumptions. If the ratio of actual to expected is 1.000, the assumptions have exactly predicted what actually occurred. If the ratio of actual to expected is greater than 1.000, than the assumptions have underestimated actual experience. Conversely, if the ratio is less than 1.000, than the assumptions have overestimated actual experience. The results are shown separately for each membership classification and, where appropriate, by gender.
3. As an aid in analyzing these results, we have prepared a series of graphs which present the statistical data summarized in Appendix B in a visual form. Our comments will refer to these graphs which are presented in Appendix A.

B. Withdrawal and Vesting (Group I)

1. The withdrawal and vesting experience are presented separately for males and females for both Employees and Teachers.
2. For Employees it can be seen that there were significantly less terminations than expected. Therefore, we recommend that the present rates be decreased for males and females.
3. In addition, fewer Teachers terminated than expected. Therefore, we also recommend that the withdrawal rates be reduced for both male and females.

C. Disability (Group I)

1. The disability experience is presented separately for males and females. However, ordinary disability and accidental disability are aggregated for Group I.
2. For Employees, both males and females are showing actual experience which overall is slightly higher than expected. We recommend that the disability rates be revised to better reflect the actual experience.
3. For Teachers, both males and females are showing actual experience which is lower than expected. However, due to the very low incidence of disability we do not recommend any changes at this time.

D. Active Service Mortality (Group I)

1. The death in active service experience is presented separately for males and females. However, the ordinary death and accidental death in active service are aggregated for Group I.
2. Based on the experience for Employees we recommend no change to the rates for males; however, we recommend revising the rates for females to better reflect actual experience.

3. Based on the experience for Teachers we recommend decreasing the rates for males prior to age 45 and no change to the rates for females.

E. Normal and Early Retirements (Group I)

1. The service retirement experience is presented separately for males and females.
2. The service retirement experience for Employees is showing "peaks" and "valleys" at various ages. Overall there are fewer retirements than expected. We recommend revised retirement rates which vary by age to reflect these variations in actual experience.
3. The service retirement experience for Teachers is showing "peaks" and "valleys" at various ages. Overall there are fewer retirements than expected. We recommend revised retirement rates which vary by age to reflect these variations in actual experience.

F. Withdrawal and Vesting (Group II)

1. The actual termination experience for Policemen is lower than expected at the younger ages; therefore, we recommend a reduction in the termination rates below age 40 and no change after age 40.
2. The actual termination experience for Firemen is fairly close to expected; therefore, we recommend no change in the termination rates.

G. Normal Retirement (Group II)

1. The retirement experience for Policemen shows that overall more Policemen are retiring than expected. We recommend increasing retirement rates prior to age 60.
2. The overall retirement experience for Firemen has generally been as expected; therefore, we recommend no change to the retirement rates.

H. Disability Retirement - Ordinary and Accidental (Group II)

1. The disability experience is presented separately for ordinary disability and accidental disability for Group II.
2. The experience with regard to ordinary disabilities and accidental disabilities for Policemen were as expected; therefore, we do not recommend any changes to the rates.
3. The experience with regard to ordinary disabilities and accidental disabilities for Firemen were also as expected; therefore, we do not recommend any changes to the rates.

J. Active Service Mortality - Ordinary and Accidental (Group II)

1. The death in active service experience is presented separately for ordinary death and accidental death for Group II.
2. The experience with regard to ordinary death in active service for Policemen was close to expected. There were no accidental death cases reported for Policemen during the period studied. Therefore, we do not recommend any changes to either the ordinary or accidental death rates.
3. The experience with regard to ordinary and accidental death in active service for Firemen was as expected. Therefore, we do not recommend any changes to either the ordinary or accidental death rates.

III. ECONOMIC ASSUMPTIONS

Included in this group of assumptions are the salary increase assumptions and the investment return assumptions.

A. Inflation

1. Since inflation impacts each of the economic assumptions (and the level of anticipated cost-of-living (COL) adjustment, if appropriate), there is some argument for maintaining a symmetric relationship among the economic assumptions.
2. A review of the changes in the U.S. Consumer Price Index indicates that the inflation rate has been as follows since 1995 (annual average):

FISCAL YEAR	INCREASE*
1996	3.0%
1997	2.2
1998	1.7
1999	2.1
2000	3.7
2001	2.7
2002	1.5
2003	2.1
2004	3.0
2005	3.2

*Based on CPI-U.

3. These increases are equivalent to an annual rate of about 2.5%. However, the equivalent annual rate of increase in this Index from 1980 through 2005 has been about 3.4%. Keeping in mind the long-term nature of the Retirement System, the importance of recent past experience should not be over-weighted in arriving at a reasonable, long-term inflation assumption.
4. Based on this analysis, we believe that an inflation component of 3.0% would be appropriate.

B. Salary Increases

1. Appendix A contains graphs which show the salary experience for each membership classification for the period July 1, 2001 through June 30, 2005. Appendix B shows the salary experience in numerical format. These results include both the merit- promotion increases as well as the inflation increases.
2. The Employee's experience indicates that the current scale is reasonable and needs no adjustment. Overall, the average annual salary increase assumption for Employees is 6.9%.
3. The Teacher's experience indicates that the current scale is too low and should be increased at all ages for males and females. After reflecting the proposed salary scale, the average annual salary increase assumption for Teachers will be 5.5%.
4. The Policemen's experience indicates that the current scale is slightly high and should be decreased at most ages. After reflecting the proposed changes, the average annual salary increase assumption for Policemen will be 6.8%.
5. The Firemen's experience indicates that the current salary scale is too low for younger Firemen and should be increased for ages below 40. After reflecting the proposed salary scale, the average annual salary increase assumption for Firemen will be 7.3%.
6. Overall, the average annual salary scale for the System based on the recommended assumptions is 6.3%.

C. Real Interest Rate

1. The real rate of return on investments (total rate less the inflation component) is sensitive to the investment strategy adopted by the Board of Trustees. For this reason you should consult with the System's investment advisor with regard to the real rate of return assumption.

2. As a matter of interest the total rates of return earned by the System, based on market value and actuarial value, over the past ten years are shown below:

Fiscal Year	Rates of Return on Market Value	Rates of Return on Actuarial Value
2005	9.42%	1.25%
2004	14.38	1.85
2003	1.22	1.92
2002	(7.52)	4.80
2001	(7.61)	3.72
2000	12.43	16.99
1999	13.42	11.79
1998	16.37	19.95
1997	18.34	13.53
1996	(1.82)	11.03

IV. POSTRETIREMENT MORTALITY EXPERIENCE

1. Appendix A contains graphs showing the postretirement mortality experience for the period July 1, 2001 through June 30, 2005. A review of the statistics with regard to postretirement mortality are summarized in Appendix B.
2. For Employees, Policemen and Firemen, the actual number of deaths is relatively close to the expected number of deaths; therefore, we do not recommend any changes to the mortality assumptions at this time.
3. However, the results indicate that there were fewer deaths than expected among male Teachers and more deaths than expected among female Teachers. This is similar to the experience shown during the period July 1, 1997 through June 30, 2001. Therefore, we would recommend that the postretirement mortality assumption be changed for Teachers. We recommend that postretirement mortality rates for male Teachers be based on the 1995 George B. Buck mortality table for males set back 2 years and the postretirement mortality rates for female Teachers be based on the 1995 George B. Buck mortality table for females. These proposed rates are shown in Appendix C.

V. COST IMPACT OF THE PROPOSED ASSUMPTIONS

Based on our investigation, we recommend the adoption of the proposed actuarial assumptions summarized below.

Recommended Demographic and Salary Scale Assumptions

Based on July 1, 2001 to June 30, 2005 Experience

Assumption	Classification			
	Employees	Teachers	Policemen	Firemen
Withdrawal & Vesting				
Males	Decrease	Decrease	Decrease	No Change
Females	Decrease	Decrease	Decrease	No Change
Acc. Disability				
Males	Revise	No Change	No Change	No Change
Females	Revise	No Change	No Change	No Change
Ord. Disability				
Males	Revise	No Change	No Change	No Change
Females	Revise	No Change	No Change	No Change
Acc. Death				
Males	No Change	Decrease	No Change	No Change
Females	Revise	No Change	No Change	No Change
Ord. Death				
Males	No Change	Decrease	No Change	No Change
Females	Revise	No Change	No Change	No Change
Normal & Early Retirement				
Males	Revise	Revise	Increase	No Change
Females	Revise	Revise	Increase	No Change
Salaries	No Change	Increase	Decrease	Increase
Postretirement				
Mortality :				
Service				
Males	No Change	95 GBB - 2 yr. set back	No Change	No Change
Females	No Change	95 GBB - no set back	No Change	No Change
Disability	No Change	No Change	No Change	No Change

A more detailed description of the proposed actuarial assumptions is shown in Appendix C.

A comparison of the June 30, 2005 valuation results under the current assumptions and proposed assumptions is summarized on the following pages.

**NEW HAMPSHIRE RETIREMENT SYSTEM
PRELIMINARY RESULTS OF THE
ACTUARIAL VALUATION AS OF JUNE 30, 2005**

GROUP I EMPLOYEES

	Current Assumptions	Proposed Assumptions
1. Membership		
(a) Number of active members	26,414	26,414
(b) Annual compensation	\$879,418,641	\$879,418,641
(c) Inactives#	5,931	5,931
(d) Pensioners and beneficiaries (including deferred vesteds)	10,259	10,259
(e) Annual benefits in payment	\$100,859,386	\$100,859,386
2. Liabilities of the System:		
(a) For active members**	\$2,871,863,429	\$2,941,896,103
(b) For pensioners and beneficiaries (including deferred vesteds)	<u>869,680,105</u>	<u>869,680,105</u>
(c) Total	\$3,741,543,534	\$3,811,576,208
3. Valuation assets (five-year moving market average method)	\$1,230,417,125	\$1,230,417,125
4. Special Account	\$89,544,458	\$89,544,458
5. Total liability to be funded [2.(c)-3.+4.]	\$2,600,670,867	\$2,670,703,541
6. Present value of future member contributions	\$1,082,302,039	\$1,101,908,944
7. Unfunded accrued liability	30,528	\$30,528
8. Future normal contributions	\$1,518,338,300	\$1,568,764,069
9. Normal contribution rate		
(a) State	N/A	N/A
(b) Employing subdivision	<u>N/A</u>	<u>N/A</u>
(c) Total*	7.01%	7.12%
10. Target contribution rate		
(a) State	N/A	N/A
(b) Employing subdivision	<u>N/A</u>	<u>N/A</u>
(c) Total*	6.96%	7.23%
11. Contribution cost		
(a) State	N/A	N/A
(b) Employing subdivision	<u>N/A</u>	<u>N/A</u>
(c) Total*	\$61,647,247	\$63,581,968
12. Accrued liability contribution	\$4,150	\$4,150
13. Total contribution *	\$61,651,397	\$63,586,118

Includes those members who were reported as inactive as well as those members who were reported as active but did not have any compensation reported for 2 consecutive fiscal years.

* Applicable to compensation of each employer's participating employees. Contribution rate applies to the respective payrolls of each employer.

** Includes liability for the inactives.

**NEW HAMPSHIRE RETIREMENT SYSTEM
PRELIMINARY RESULTS OF THE
ACTUARIAL VALUATION AS OF JUNE 30, 2005**

GROUP I TEACHERS

	Current Assumptions	Proposed Assumptions
1. Membership		
(a) Number of active members	18,474	18,474
(b) Annual compensation	\$851,663,813	\$851,663,813
(c) Inactives#	3,416	3,416
(d) Pensioners and beneficiaries (including deferred vesteds)	6,203	6,203
(e) Annual benefits in payment	\$108,893,782	\$108,893,782
2. Liabilities of the System:		
(a) For active members**	\$2,609,014,173	\$2,867,120,881
(b) For pensioners and beneficiaries (including deferred vesteds)	<u>1,004,728,823</u>	<u>998,404,434</u>
(c) Total	\$3,613,742,996	\$3,865,525,315
3. Valuation assets (five-year moving market average method)	\$1,592,168,736	\$1,592,168,736
4. Special Account	\$111,459,505	\$111,459,505
5. Total liability to be funded [2.(c)-3.+4.]	\$2,133,033,765	\$2,384,816,084
6. Present value of future member contributions	\$913,782,456	\$985,140,263
7. Unfunded accrued liability	\$0	\$0
8. Future normal contributions	\$1,219,251,309	\$1,399,675,821
9. Normal contribution rate		
(a) State	2.33%	2.49%
(b) Employing subdivision	<u>4.34%</u>	<u>4.61%</u>
(c) Total*	6.67%	7.10%
10. Target contribution rate		
(a) State	2.27%	2.50%
(b) Employing subdivision	<u>4.22%</u>	<u>4.65%</u>
(c) Total*	6.49%	7.15%
11. Contribution cost		
(a) State	\$19,843,767	\$21,291,595
(b) Employing subdivision	<u>\$36,962,209</u>	<u>\$39,602,367</u>
(c) Total*	\$56,805,976	\$60,893,962
12. Accrued liability contribution	\$0	\$0
13. Total contribution *	\$56,805,976	\$60,893,962

Includes those members who were reported as inactive as well as those members who were reported as active but did not have any compensation reported for 2 consecutive fiscal years.

* Applicable to compensation of each employer's participating employees. Contribution rate applies to the respective payrolls of each employer

** Includes liability for the inactives.

**NEW HAMPSHIRE RETIREMENT SYSTEM
PRELIMINARY RESULTS OF THE
ACTUARIAL VALUATION AS OF JUNE 30, 2005**

GROUP II POLICEMEN

	Current Assumptions	Proposed Assumptions
1. Membership		
(a) Number of active members	4,573	4,573
(b) Annual compensation	\$221,456,367	\$221,456,367
(c) Inactives#	480	480
(d) Pensioners and beneficiaries (including deferred vesteds)	2,041	2,041
(e) Annual benefits in payment	\$55,788,083	\$55,788,083
2. Liabilities of the System:		
(a) For active members**	\$1,419,444,535	\$1,393,227,561
(b) For pensioners and beneficiaries (including deferred vesteds)	<u>534,557,580</u>	<u>534,557,580</u>
(c) Total	\$1,954,002,115	\$1,927,785,141
3. Valuation assets (five-year moving market average method)	\$718,825,703	\$718,825,703
4. Special Account	\$39,012,389	\$39,012,389
5. Total liability to be funded [2.(c)-3.+4.]	\$1,274,188,801	\$1,247,971,827
6. Present value of future member contributions	\$496,154,716	\$476,331,260
7. Unfunded accrued liability	\$0	\$0
8. Future normal contributions	\$778,034,085	\$771,640,567
9. Normal contribution rate		
(a) State	5.10%	5.27%
(b) Employing subdivision	<u>9.48%</u>	<u>9.79%</u>
(c) Total*	14.58%	15.06%
10. Target contribution rate		
(a) State	5.08%	5.12%
(b) Employing subdivision	<u>9.42%</u>	<u>9.51%</u>
(c) Total*	14.50%	14.63%
11. Contribution cost		
(a) State	\$11,294,275	\$11,670,751
(b) Employing subdivision	<u>\$20,994,064</u>	<u>\$21,680,578</u>
(c) Total*	\$32,288,339	\$33,351,329
12. Accrued liability contribution	\$0	\$0
13. Total contribution *	\$32,288,339	\$33,351,329

Includes those members who were reported as inactive as well as those members who were reported as active but did not have any compensation reported for 2 consecutive fiscal years.

* Applicable to compensation of each employer's participating employees. Contribution rate applies to the respective payrolls of each employer

** Includes liability for the inactives.

**NEW HAMPSHIRE RETIREMENT SYSTEM
PRELIMINARY RESULTS OF THE
ACTUARIAL VALUATION AS OF JUNE 30, 2005**

GROUP II FIREMEN

	Current Assumptions	Proposed Assumptions
1. Membership		
(a) Number of active members	1,599	1,599
(b) Annual compensation	\$91,029,441	\$91,029,441
(c) Inactives#	53	53
(d) Pensioners and beneficiaries (including deferred vesteds)	1,064	1,064
(e) Annual benefits in payment	\$30,813,145	\$30,813,145
2. Liabilities of the System:		
(a) For active members**	\$637,020,166	\$661,126,214
(b) For pensioners and beneficiaries (including deferred vesteds)	<u>290,694,094</u>	<u>290,694,094</u>
(c) Total	\$927,714,260	\$951,820,308
3. Valuation assets (five-year moving market average method)	\$372,157,229	\$372,157,229
4. Special Account	\$38,279,399	\$38,279,399
5. Total liability to be funded [2.(c)-3.+4.]	\$593,836,430	\$617,942,478
6. Present value of future member contributions	\$201,311,827	\$219,913,738
7. Unfunded accrued liability	\$0	\$0
8. Future normal contributions	\$392,524,603	\$398,028,740
9. Normal contribution rate		
(a) State	6.34%	5.89%
(b) Employing subdivision	<u>11.78%</u>	<u>10.93%</u>
(c) Total*	18.12%	16.82%
10. Target contribution rate		
(a) State	7.39%	7.20%
(b) Employing subdivision	<u>13.73%</u>	<u>13.38%</u>
(c) Total*	21.12%	20.58%
11. Contribution cost		
(a) State	\$6,727,076	\$6,554,120
(b) Employing subdivision	<u>\$12,498,342</u>	<u>\$12,179,739</u>
(c) Total*	\$19,225,418	\$18,733,859
12. Accrued liability contribution	\$0	\$0
13. Total contribution *	\$19,225,418	\$18,733,859

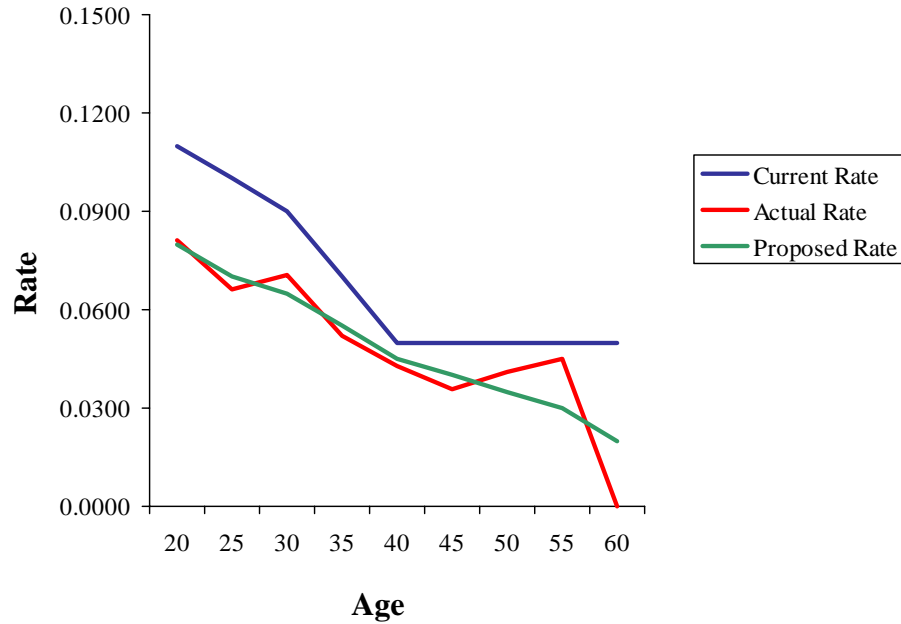
Includes those members who were reported as inactive as well as those members who were reported as active but did not have any compensation reported for 2 consecutive fiscal years.

* Applicable to compensation of each employer's participating employees. Contribution rate applies to the respective payrolls of each employer.

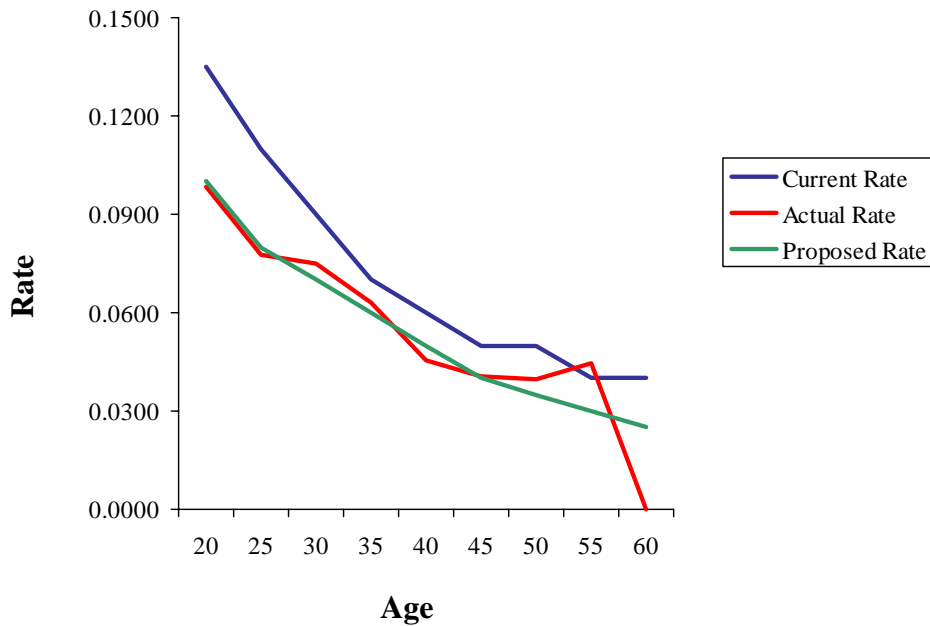
** Includes liability for the inactives.

**New Hampshire Retirement System
Employees
July 1, 2001 Through June 30, 2005**

Withdrawal & Vesting - Males

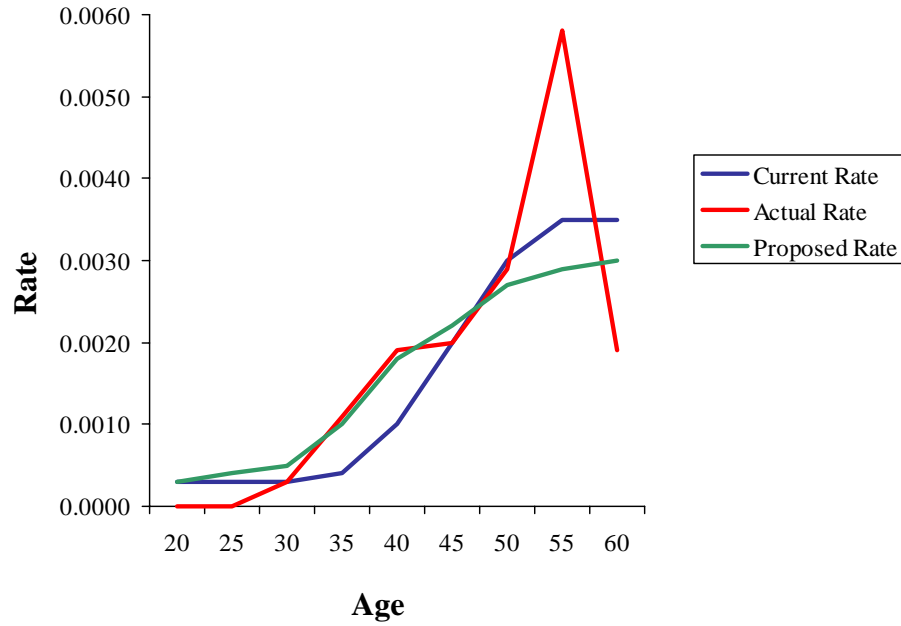


Withdrawal & Vesting - Females

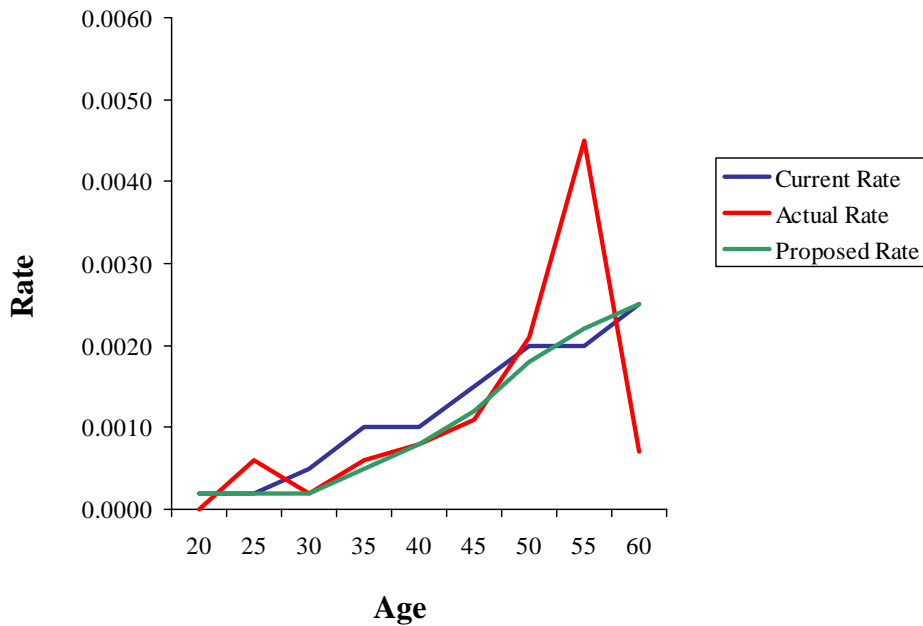


**New Hampshire Retirement System
Employees
July 1, 2001 Through June 30, 2005**

Disability – Males

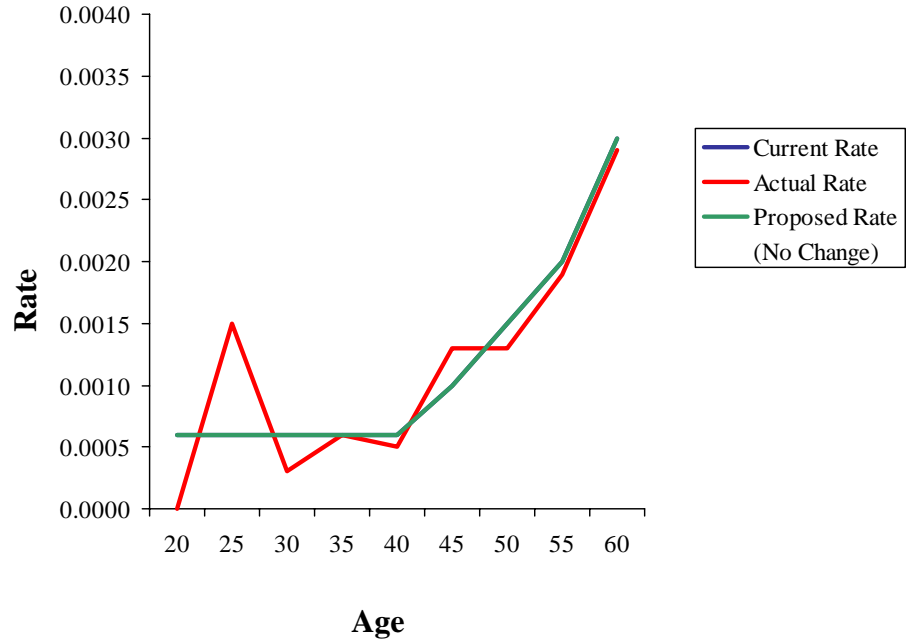


Disability - Females

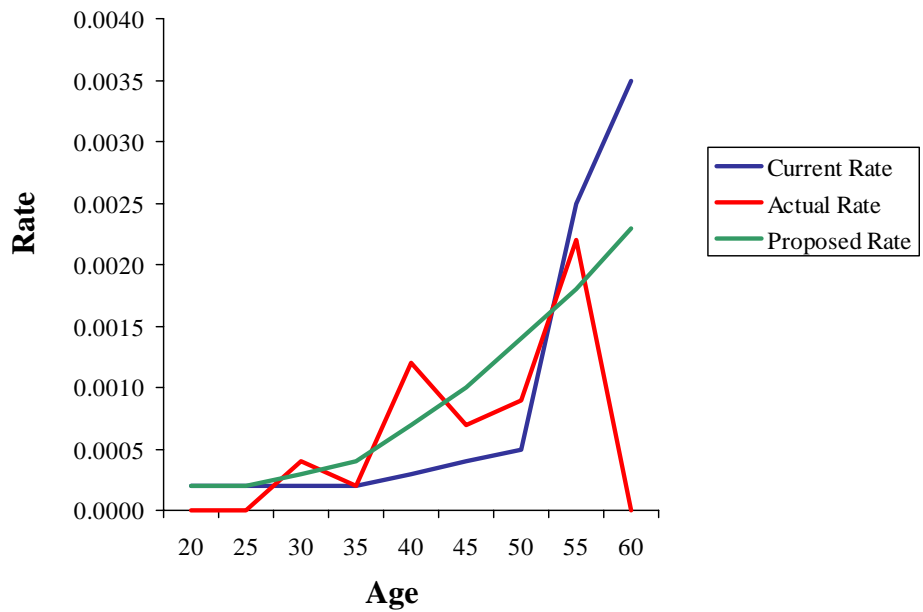


New Hampshire Retirement System Employees July 1, 2001 Through June 30, 2005

Death - Males

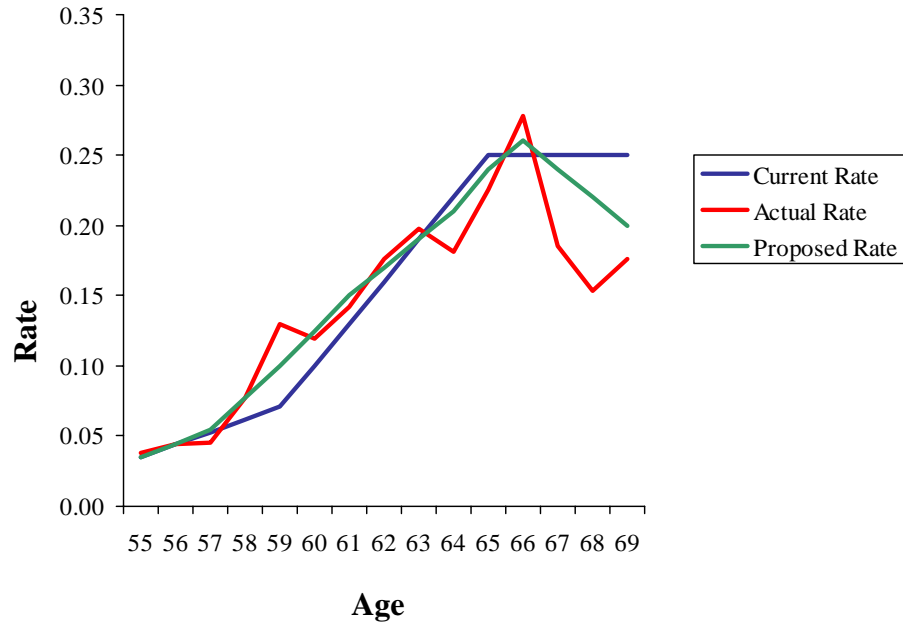


Death - Females

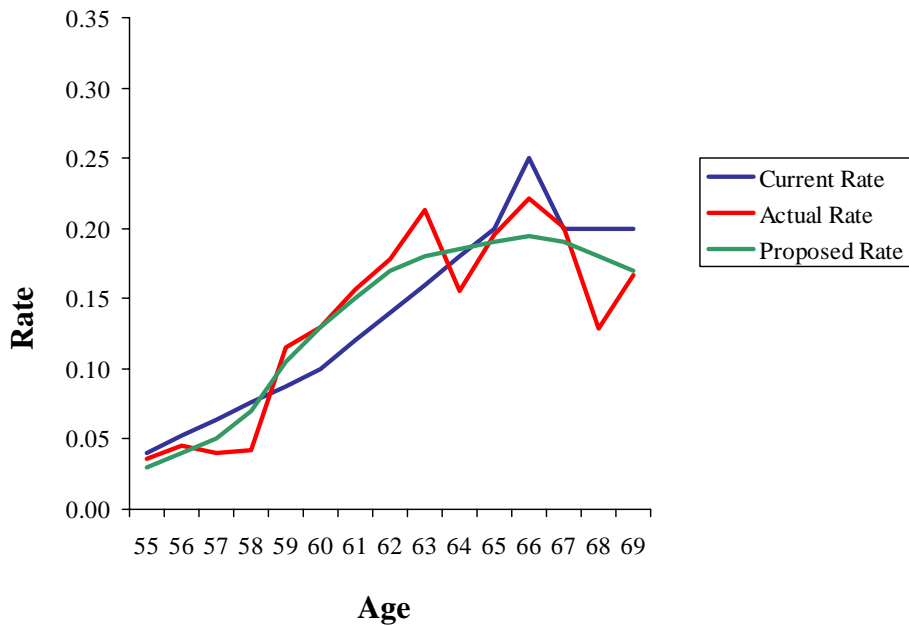


New Hampshire Retirement System Employees July 1, 2001 Through June 30, 2005

Normal & Early Retirement - Males

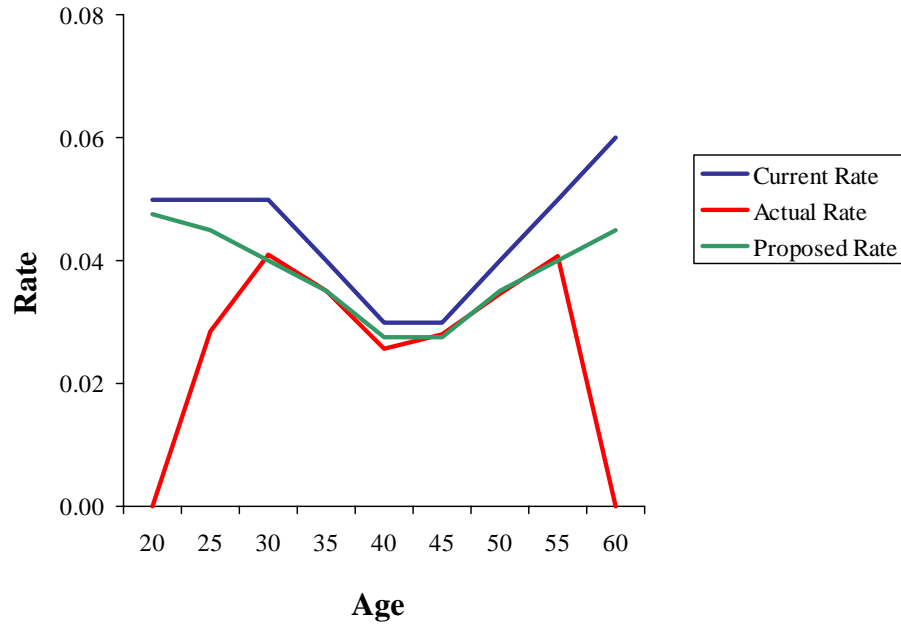


Normal & Early Retirement - Females

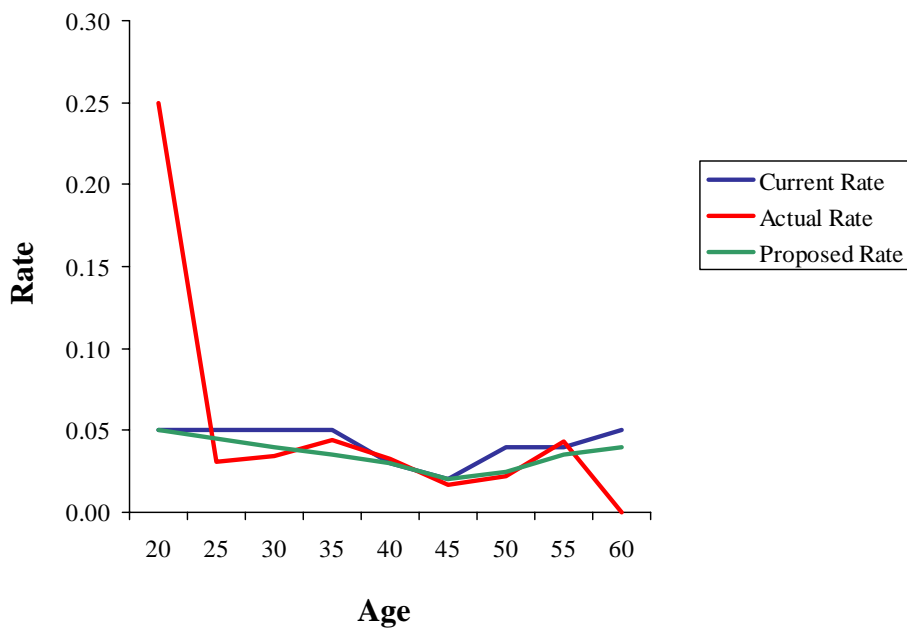


New Hampshire Retirement System Teachers July 1, 2001 Through June 30, 2005

Withdrawal & Vesting - Males

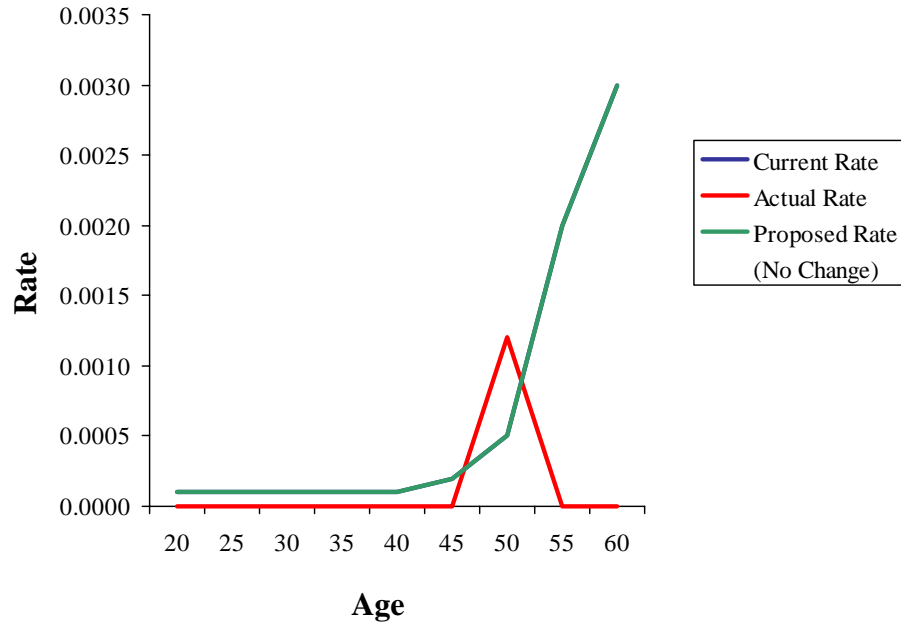


Withdrawal & Vesting - Females

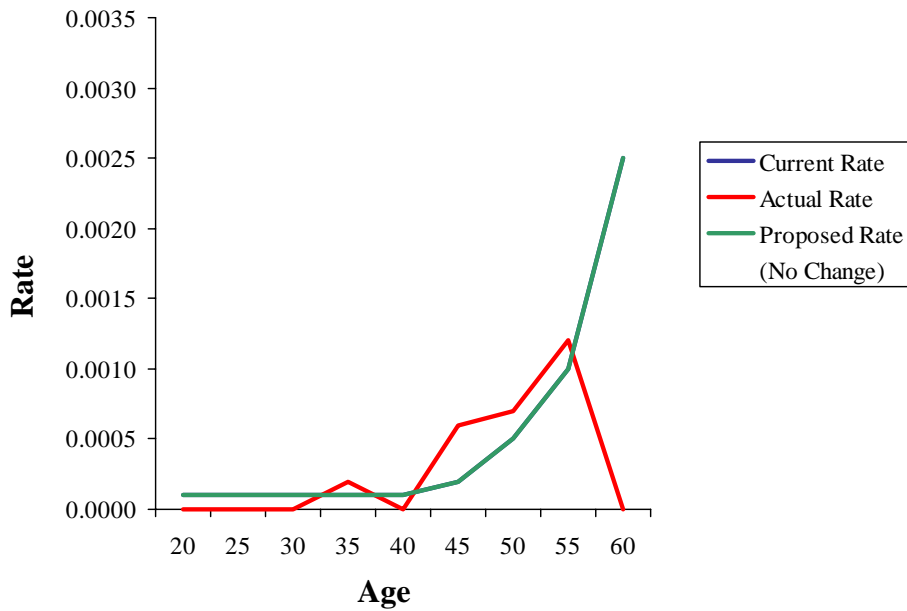


New Hampshire Retirement System Teachers July 1, 2001 Through June 30, 2005

Disability - Males

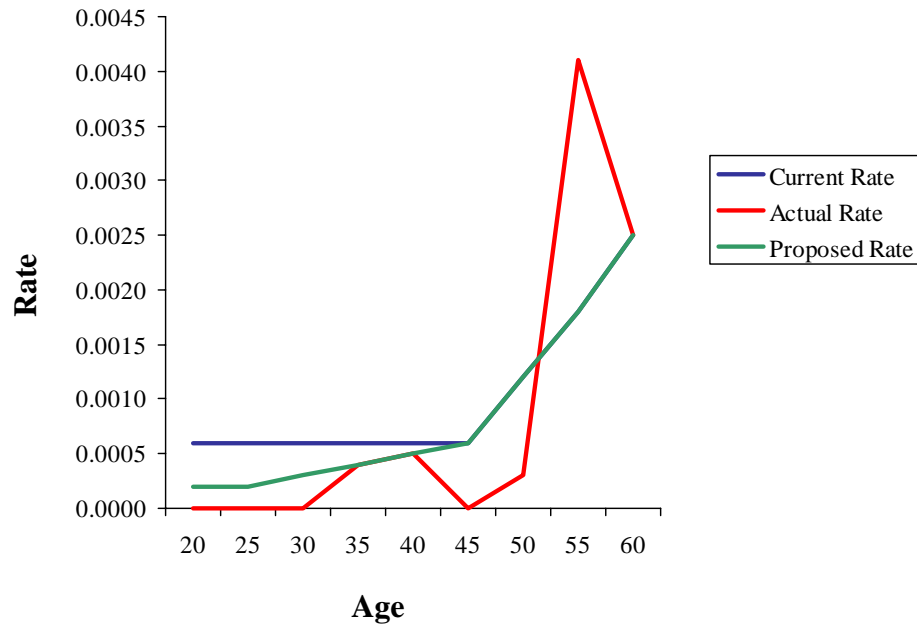


Disability - Females

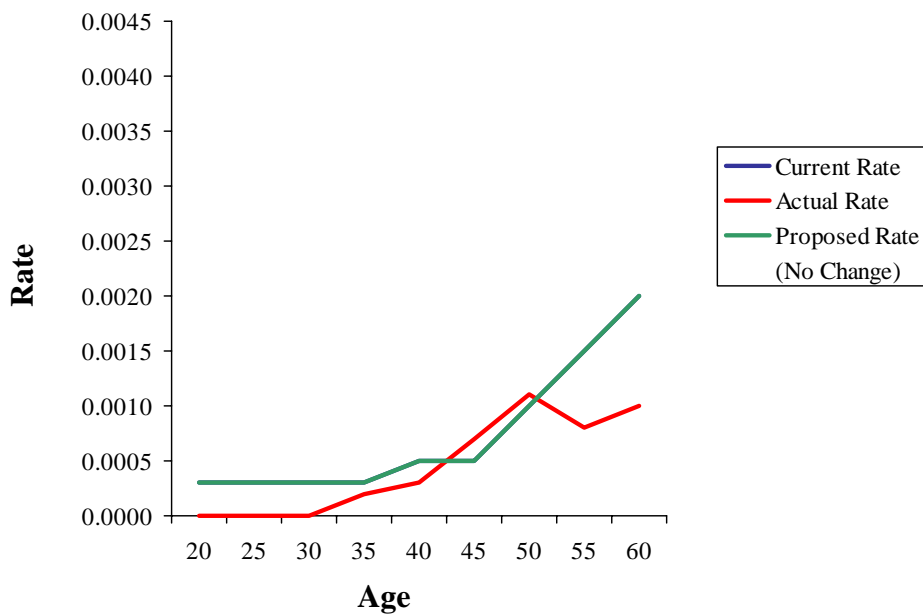


New Hampshire Retirement System Teachers July 1, 2001 Through June 30, 2005

Death - Males

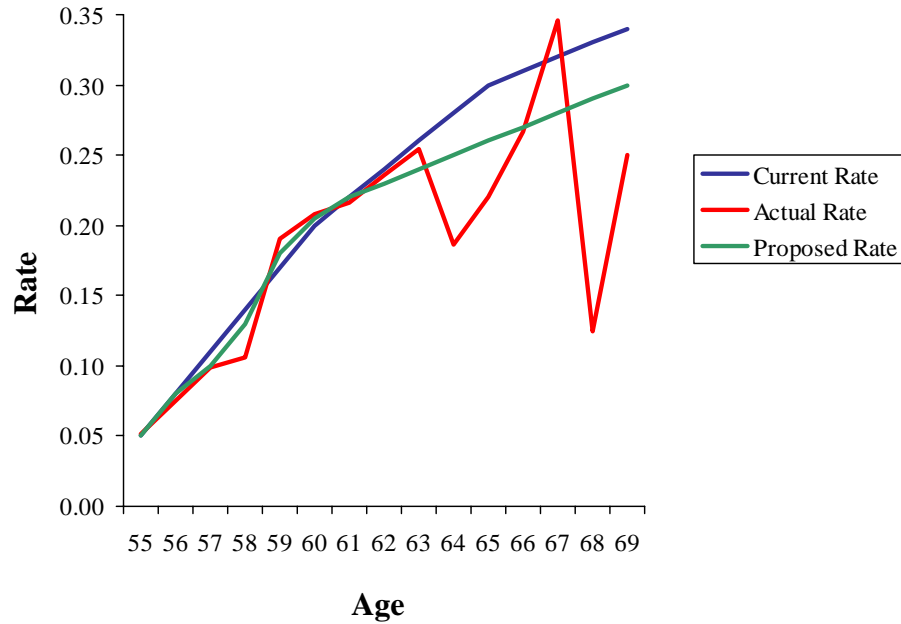


Death - Females

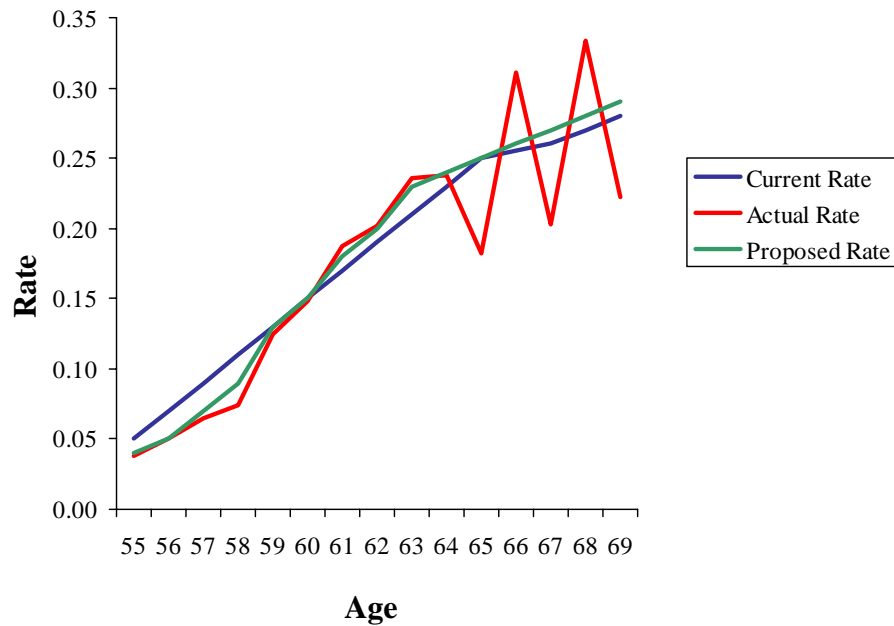


New Hampshire Retirement System Teachers July 1, 2001 Through June 30, 2005

Normal & Early Retirement Males

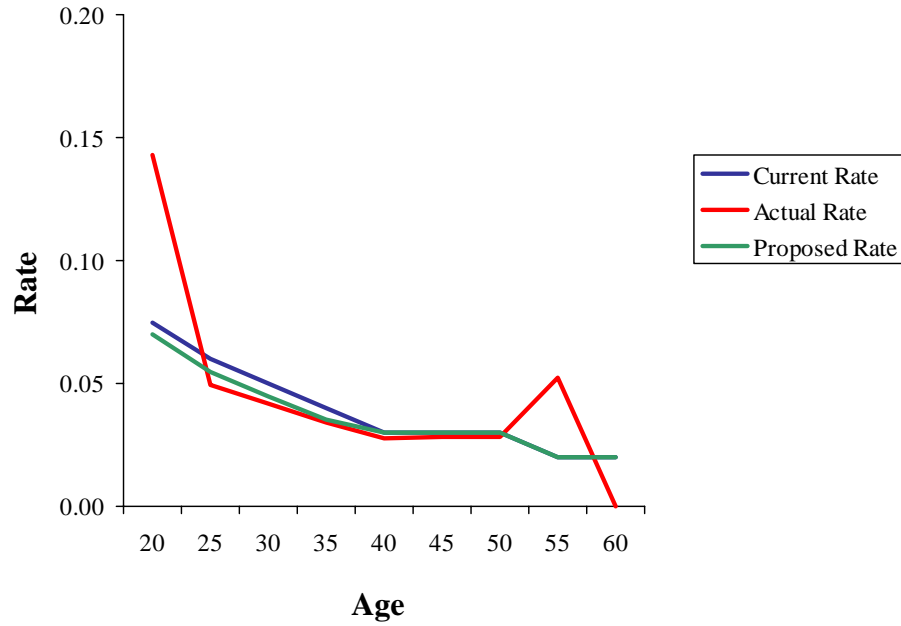


Normal & Early Retirement - Females

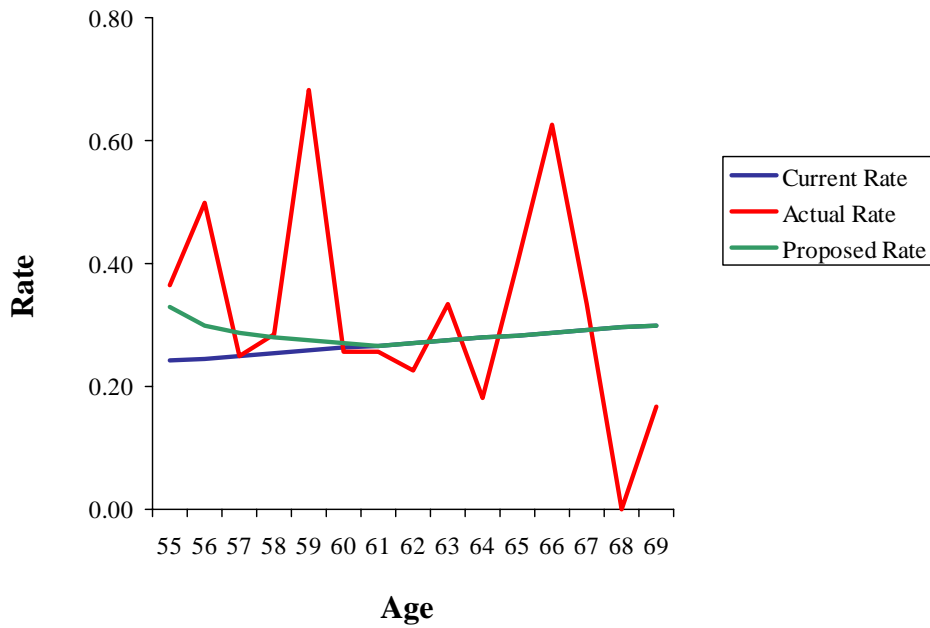


New Hampshire Retirement System Policemen July 1, 2001 Through June 30, 2005

Withdrawal & Vesting

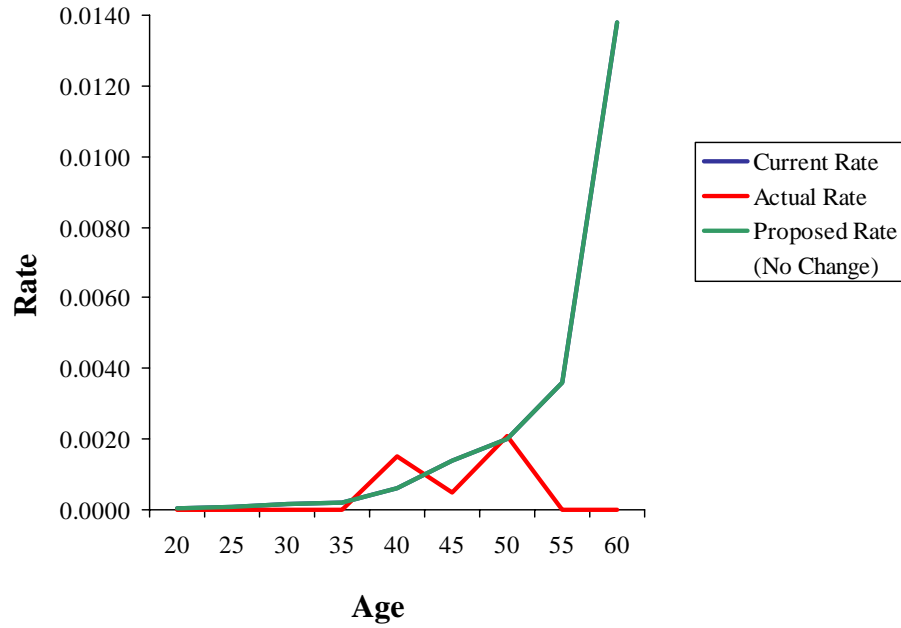


Normal Retirement

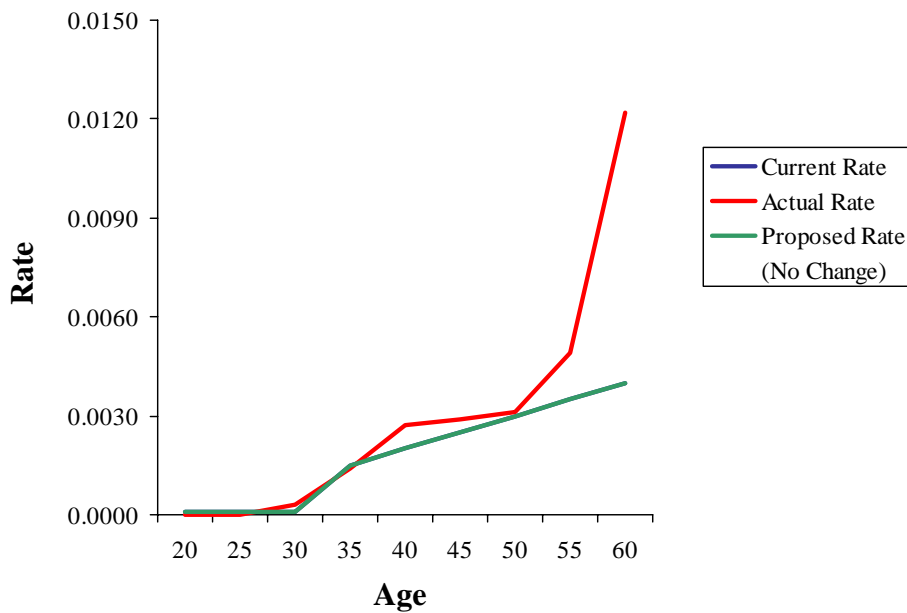


**New Hampshire Retirement System
Policemen
July 1, 2001 Through June 30, 2005**

Ordinary Disability

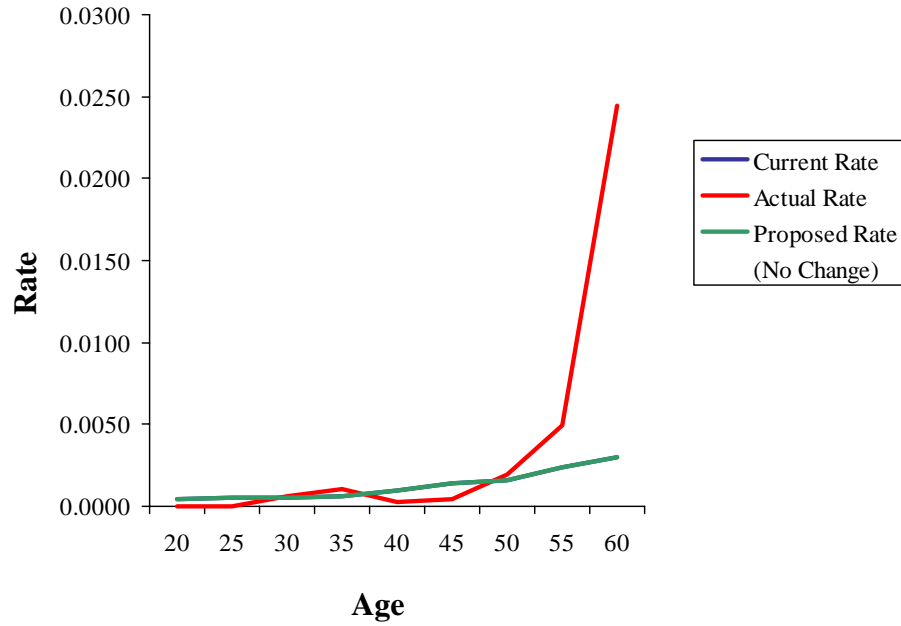


Accidental Disability

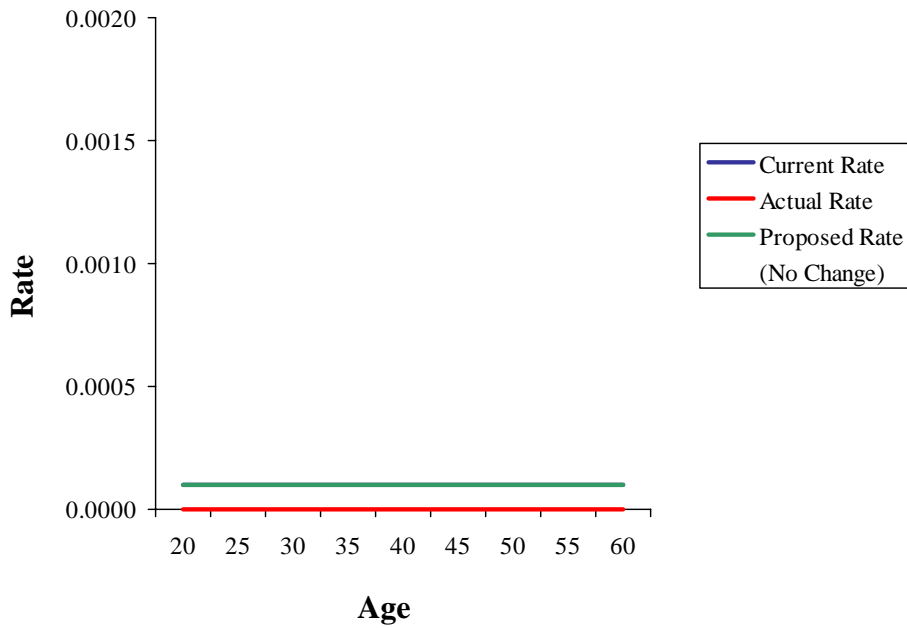


**New Hampshire Retirement System
Policemen
July 1, 2001 Through June 30, 2005**

Ordinary Death

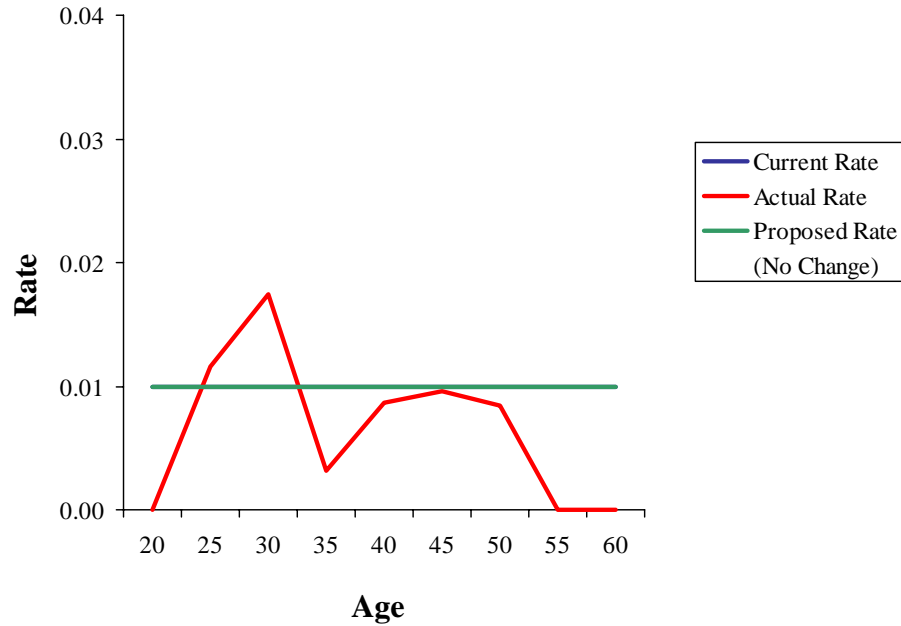


Accidental Death

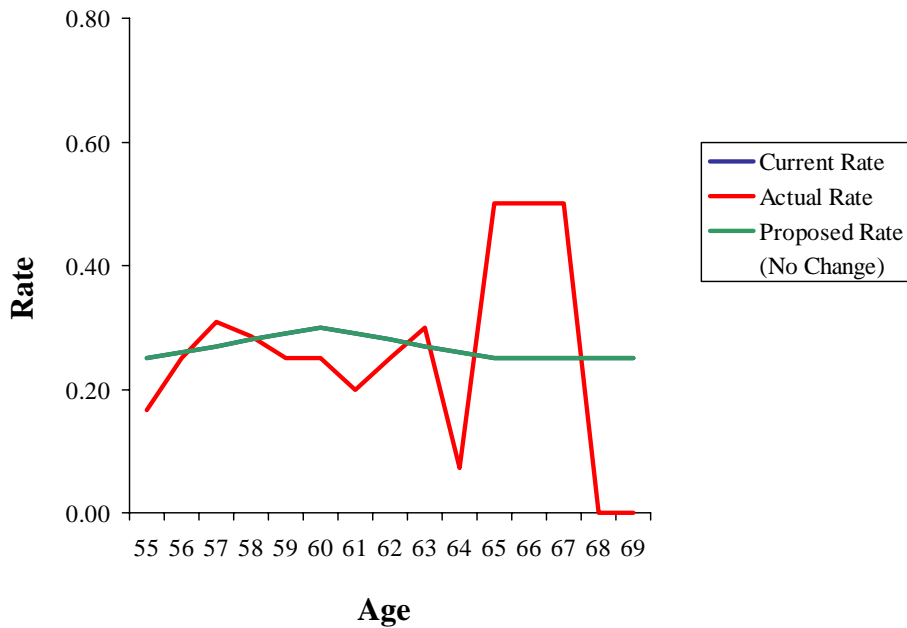


New Hampshire Retirement System Firemen July 1, 2001 Through June 30, 2005

Withdrawal & Vesting

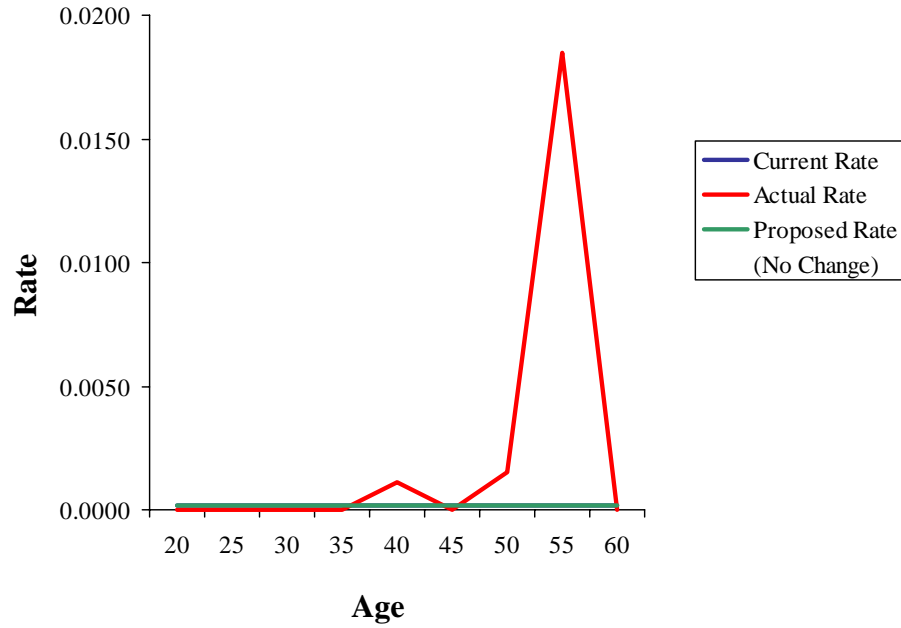


Normal Retirement

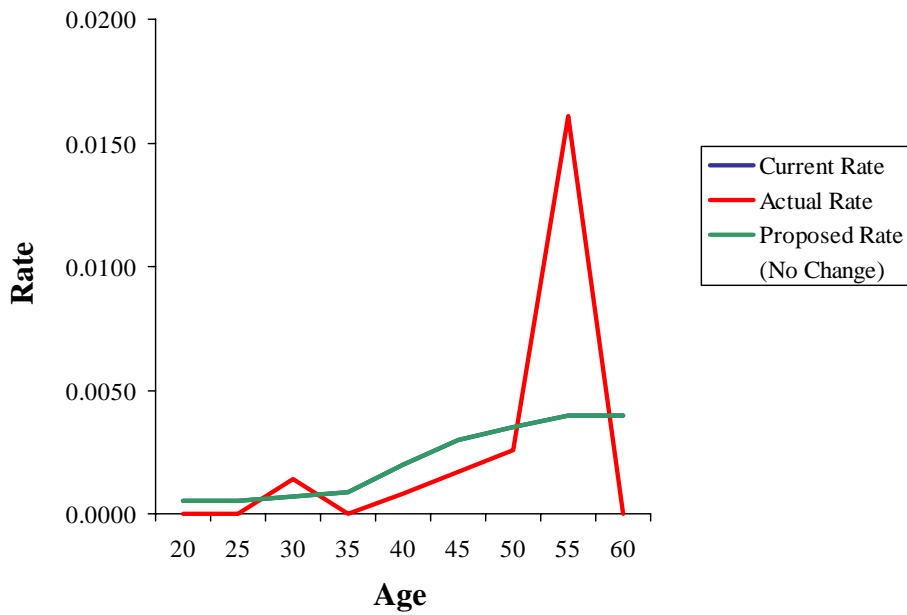


**New Hampshire Retirement System
Firemen
July 1, 2001 Through June 30, 2005**

Ordinary Disability

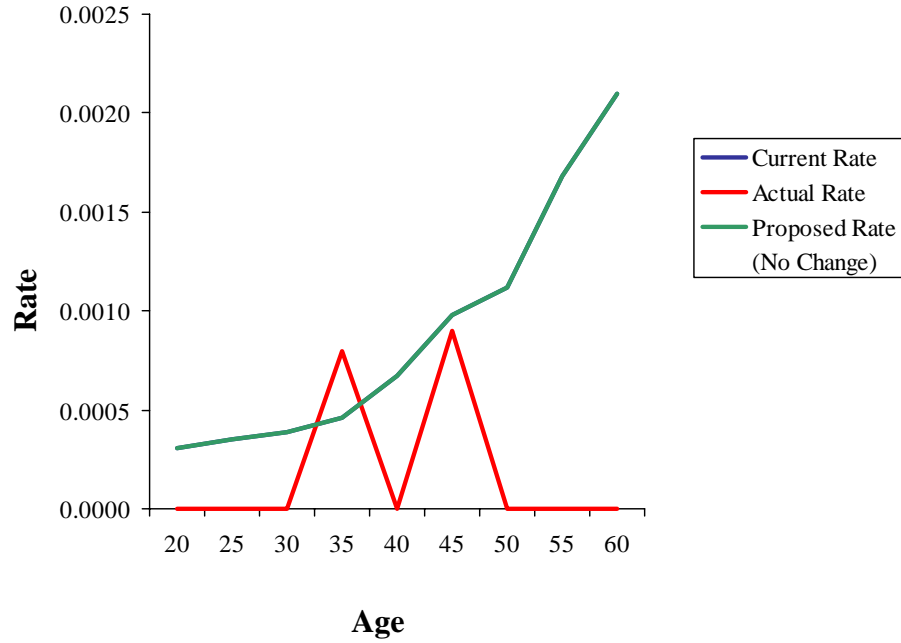


Accidental Disability

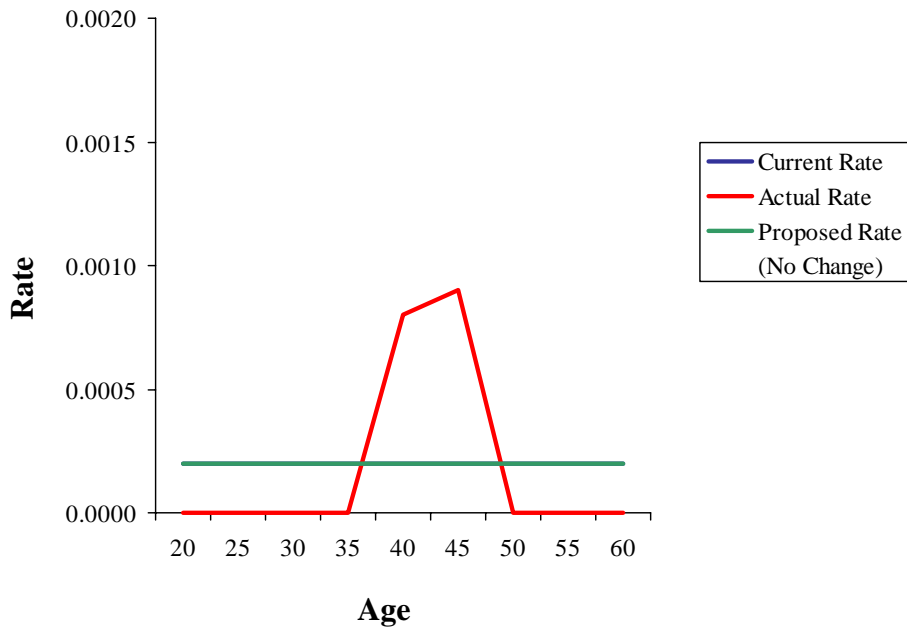


New Hampshire Retirement System Firemen July 1, 2001 Through June 30, 2005

Ordinary Death



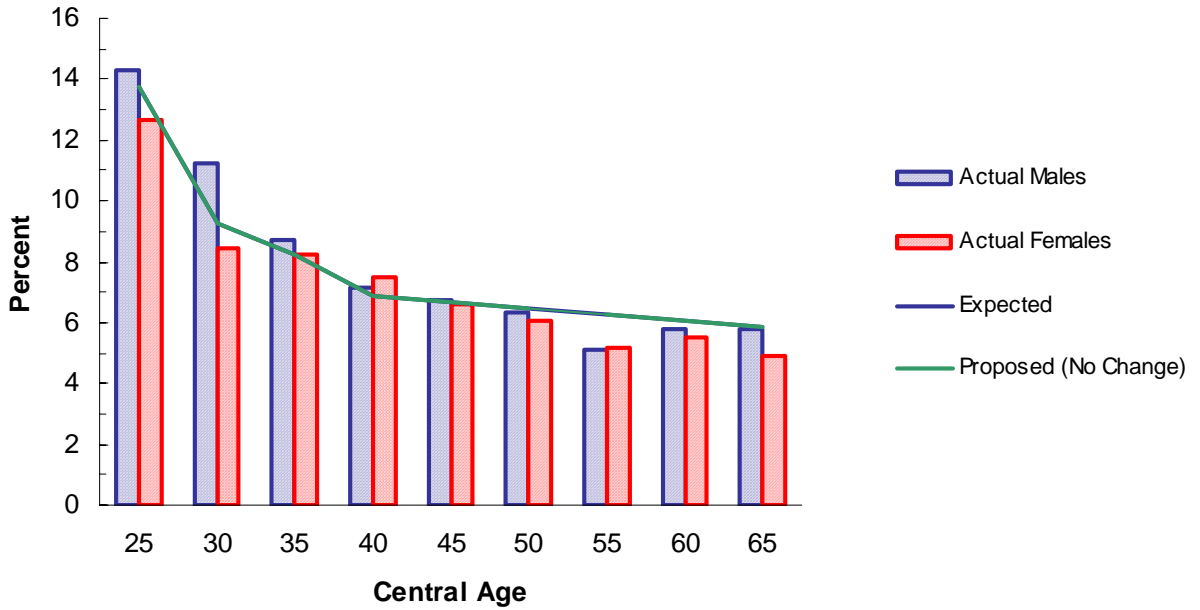
Accidental Death



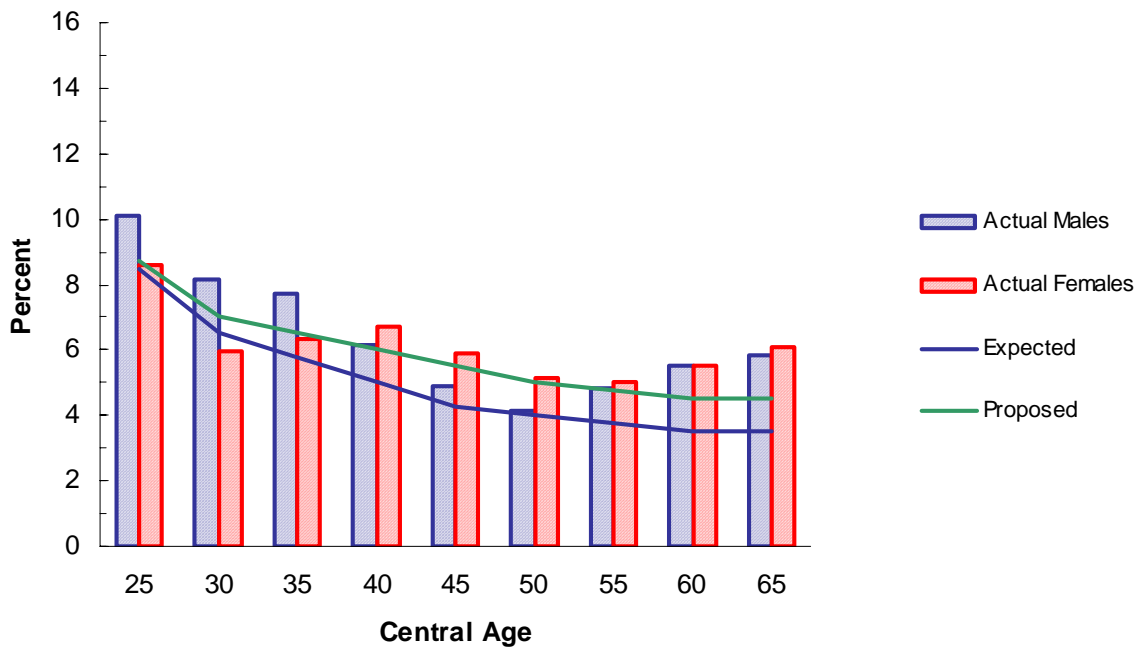
New Hampshire Retirement System

July 1, 2001 Through June 30, 2005

Salary Experience - Employees



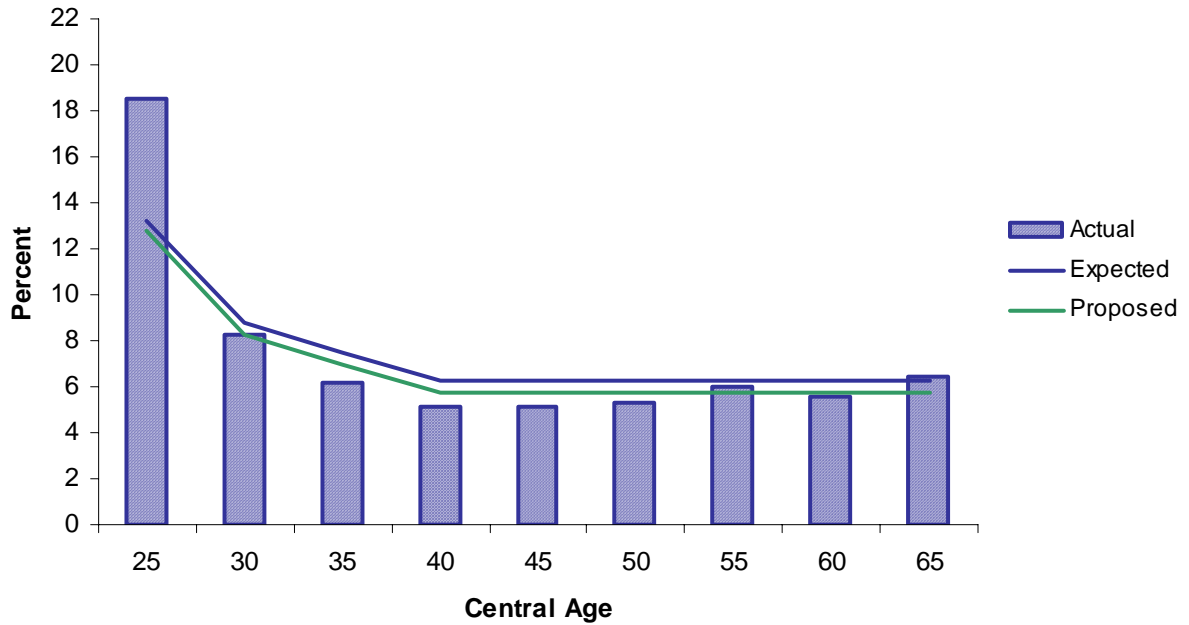
Salary Experience - Teachers



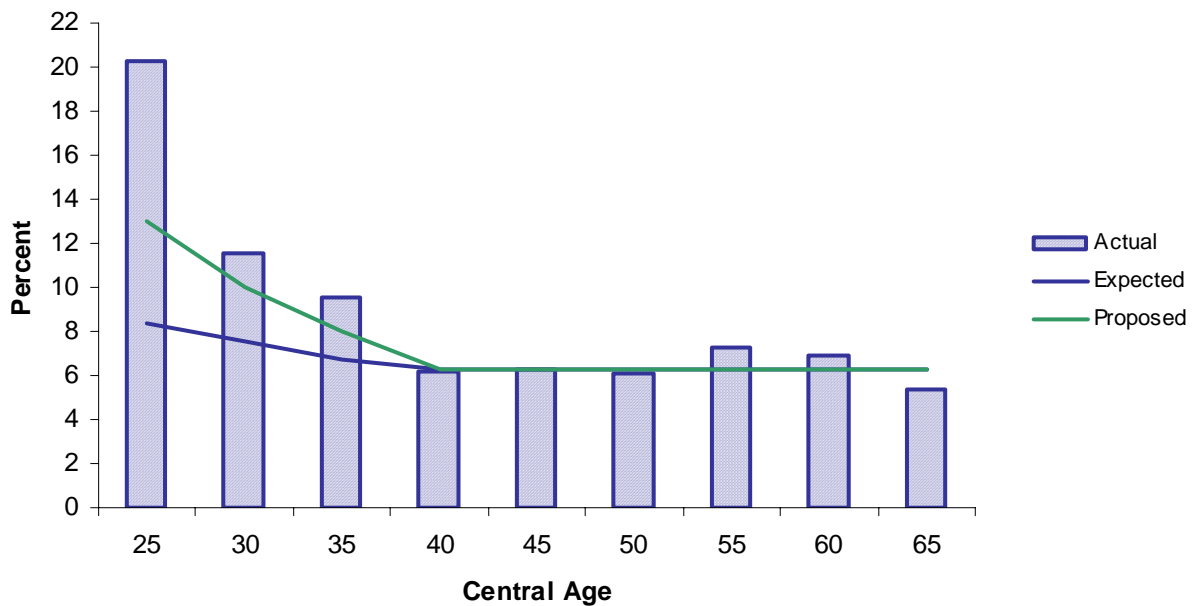
New Hampshire Retirement System

July 1, 2001 Through June 30, 2005

Salary Experience - Policemen

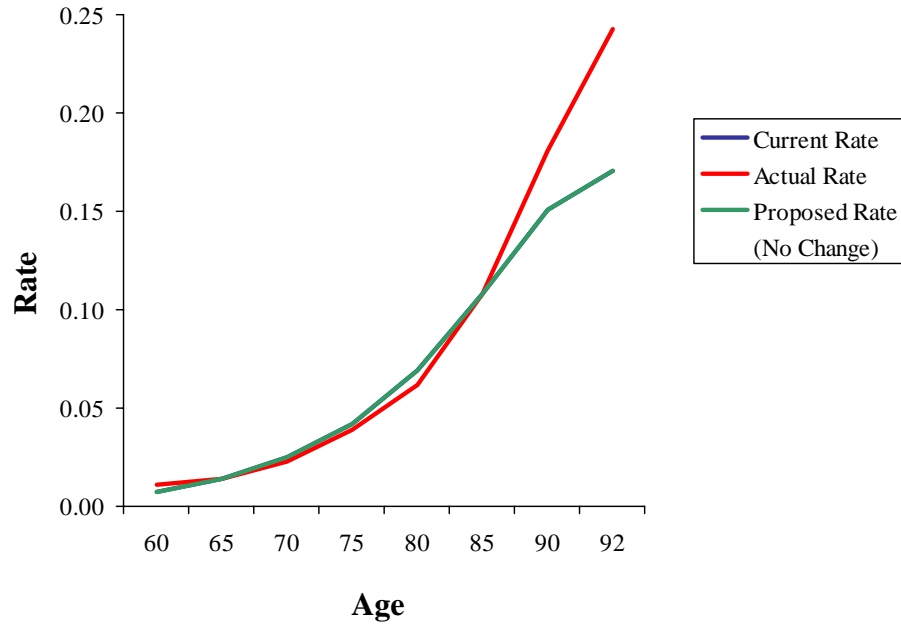


Salary Experience - Firemen

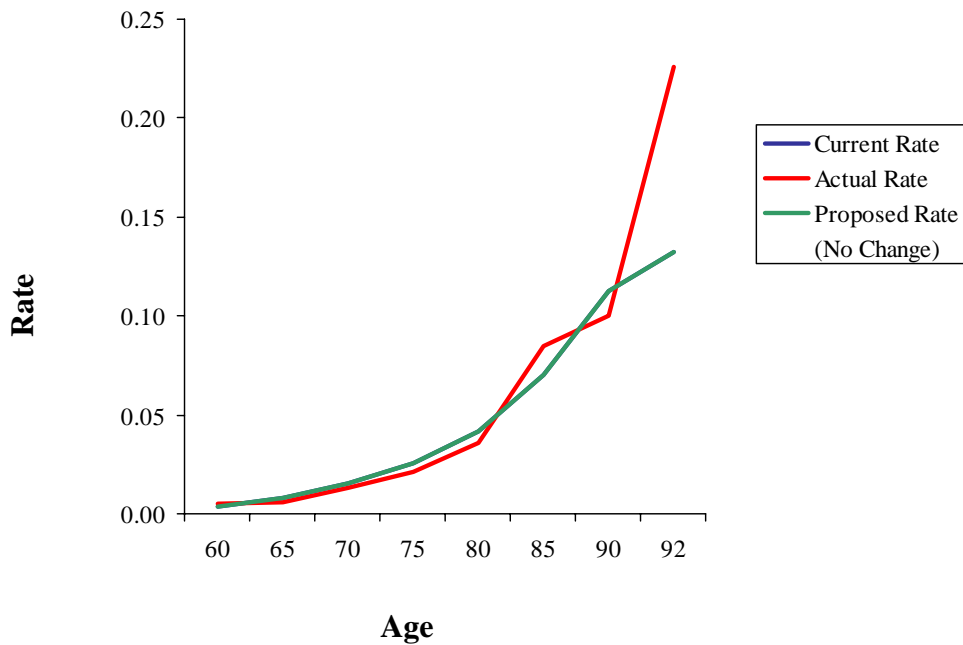


**New Hampshire Retirement System
Employees
July 1, 2001 Through June 30, 2005**

Postretirement Mortality – Service - Males

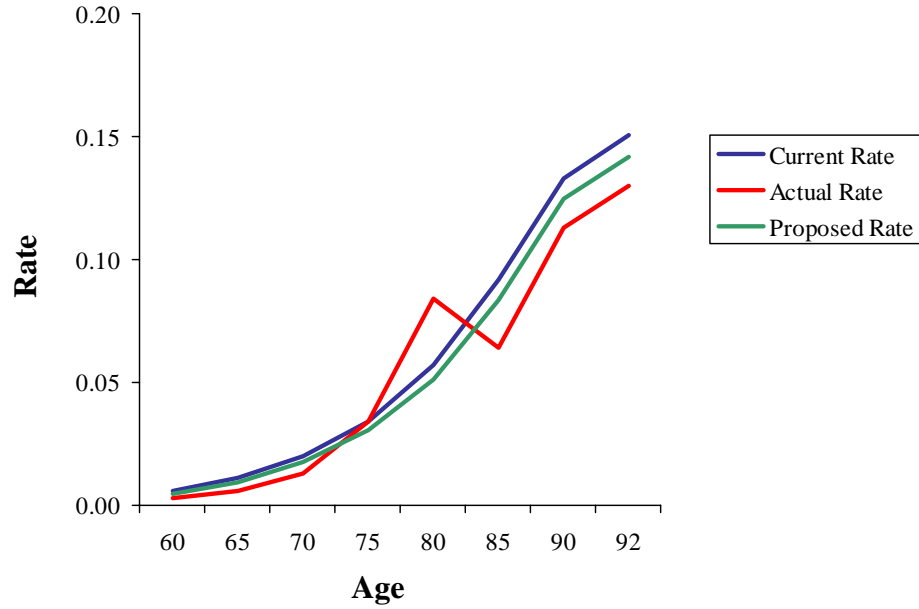


Postretirement Mortality – Service - Females

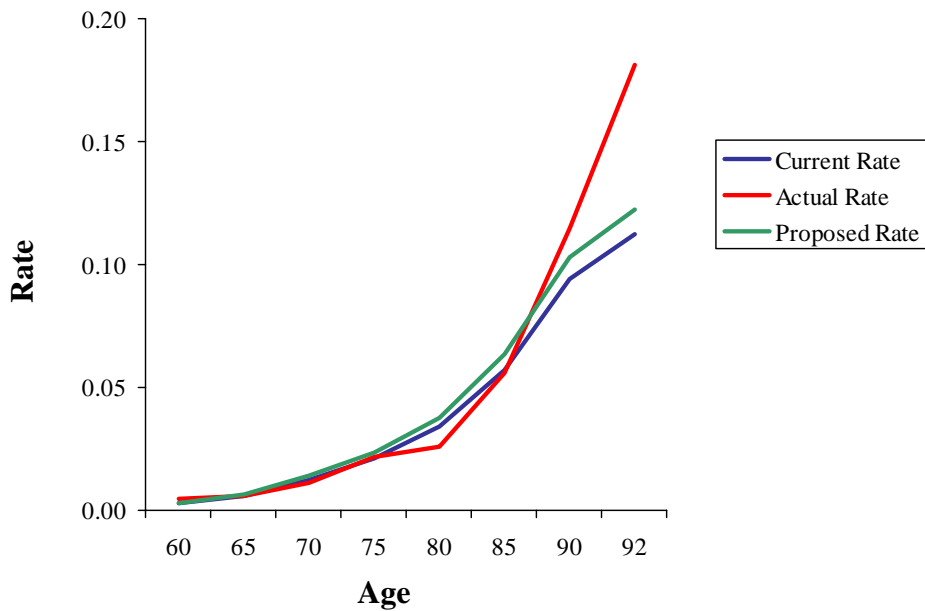


**New Hampshire Retirement System
Teachers
July 1, 2001 Through June 30, 2005**

Postretirement Mortality – Service - Males

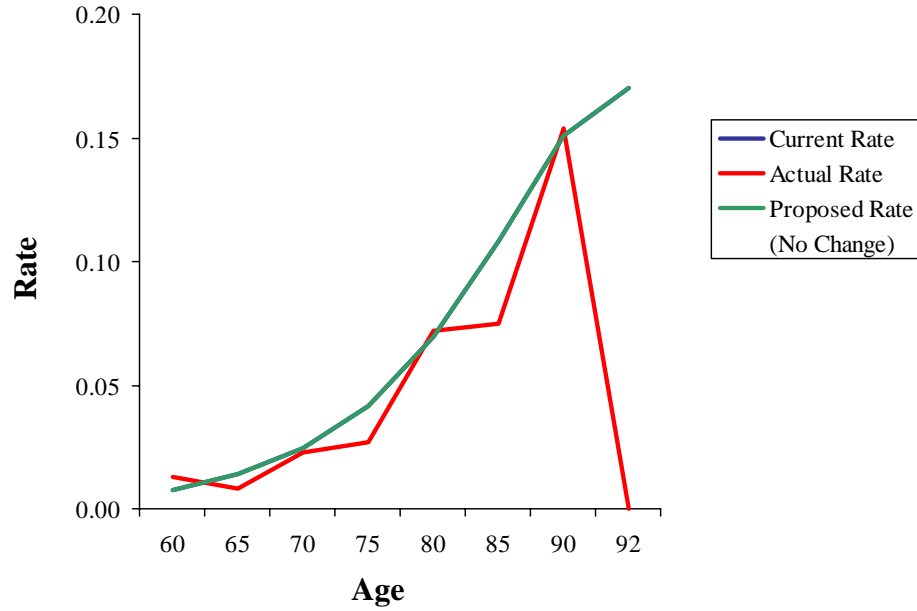


Postretirement Mortality – Service - Females

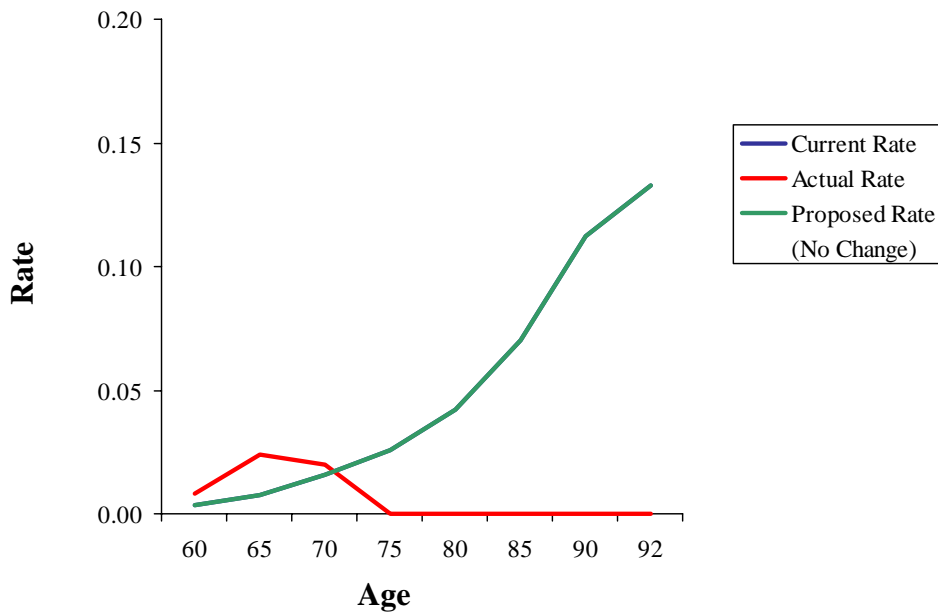


**New Hampshire Retirement System
Policemen
July 1, 2001 Through June 30, 2005**

Postretirement Mortality – Service - Males

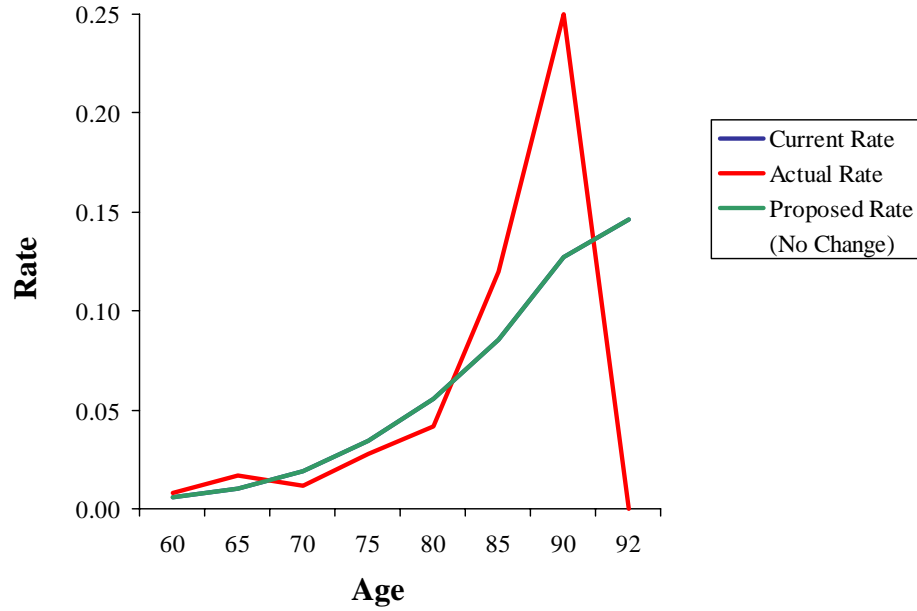


Postretirement Mortality – Service - Females

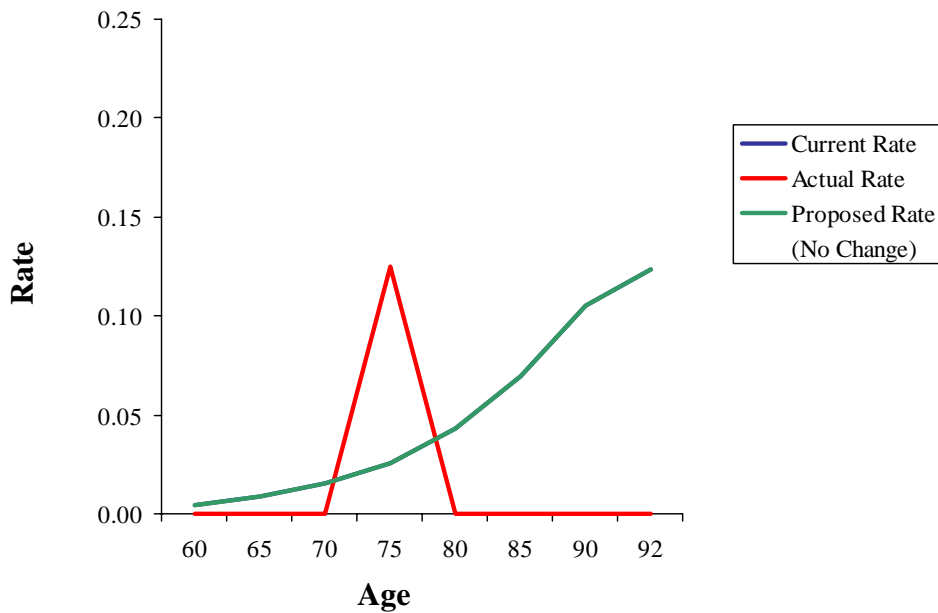


**New Hampshire Retirement System
Firemen
July 1, 2001 Through June 30, 2005**

Postretirement Mortality – Service - Males



Postretirement Mortality – Service - Females



**NEW HAMPSHIRE RETIREMENT SYSTEM
EMPLOYEES
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - MALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	66.50	35	0.526	0.12	0	0.000
25	285.00	137	0.481	0.62	0	0.000
30	382.32	235	0.615	1.04	1	0.962
35	384.58	242	0.629	2.16	5	2.315
40	344.40	249	0.723	6.16	11	1.786
45	380.20	242	0.637	14.24	14	0.983
50	274.30	198	0.722	23.16	23	0.993
53	36.20	36	0.994	4.84	6	1.240
54	39.00	32	0.821	5.18	5	0.965
55	37.30	29	0.777	5.42	9	1.661
56	37.40	37	0.989	5.18	8	1.544
57	33.90	30	0.885	4.72	6	1.271
58	29.30	31	1.058	4.18	8	1.914
59	26.90	0	0.000	3.98	3	0.754
60	0.00	0	N/A	3.62	2	0.552
61	0.00	0	N/A	3.60	2	0.556
62	0.00	0	N/A	2.62	2	0.763
63	0.00	0	N/A	2.10	0	0.000
64	0.00	0	N/A	1.32	2	1.515
65	0.00	0	N/A	1.14	0	0.000
66	0.00	0	N/A	0.82	1	1.220
67	0.00	0	N/A	0.62	1	1.613
68	0.00	0	N/A	0.34	0	0.000
69	0.00	0	N/A	0.36	0	0.000
72	0.00	0	N/A	1.18	0	0.000
TOTAL	2,357.30	1,533	0.650	98.72	109	1.104
AGE	DEATH			RETIREMENT		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.26	0	0.000	0.00	0	N/A
25	1.24	3	2.419	0.00	0	N/A
30	2.00	1	0.500	0.00	0	N/A
35	2.78	3	1.079	0.00	0	N/A
40	3.78	3	0.794	0.00	0	N/A
45	7.20	9	1.250	7.68	8	1.042
50	11.82	10	0.846	92.94	59	0.635
53	2.64	2	0.758	26.78	14	0.523
54	2.90	4	1.379	29.46	25	0.849
55	3.10	3	0.968	31.50	34	1.079
56	3.26	7	2.147	36.52	37	1.013
57	3.24	2	0.617	40.70	35	0.860
58	3.10	4	1.290	42.66	53	1.242
59	3.18	7	2.201	45.58	83	1.821
60	3.10	3	0.968	103.20	123	1.192
61	3.08	5	1.623	133.38	146	1.095
62	2.26	0	0.000	120.00	132	1.100
63	1.80	2	1.111	113.62	118	1.039
64	1.12	1	0.893	82.72	68	0.822
65	0.98	2	2.041	81.00	73	0.901
66	0.70	1	1.429	58.50	65	1.111
67	0.54	0	0.000	44.50	33	0.742
68	0.30	0	0.000	24.50	15	0.612
69	0.30	2	6.667	25.50	18	0.706
72	1.02	1	0.980	338.00	54	0.160
TOTAL	65.70	75	1.142	1,478.74	1,193	0.807

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
EMPLOYEES
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - FEMALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	103.70	62	0.598	0.12	0	0.000
25	504.48	256	0.507	0.80	2	2.500
30	577.20	362	0.627	2.60	1	0.385
35	566.58	411	0.725	6.14	4	0.651
40	637.94	412	0.646	9.66	7	0.725
45	655.16	453	0.691	17.32	13	0.751
50	474.34	335	0.706	22.68	24	1.058
53	62.12	57	0.918	4.52	7	1.549
54	49.22	51	1.036	4.14	8	1.932
55	50.96	49	0.962	4.48	10	2.232
56	43.04	49	1.138	4.26	6	1.408
57	38.96	46	1.181	3.92	5	1.276
58	33.76	41	1.214	3.74	6	1.604
59	26.56	0	0.000	3.30	5	1.515
60	0.00	0	N/A	3.44	1	0.291
61	0.00	0	N/A	3.80	5	1.316
62	0.00	0	N/A	2.94	2	0.680
63	0.00	0	N/A	2.02	2	0.990
64	0.00	0	N/A	1.58	4	2.532
65	0.00	0	N/A	1.08	2	1.852
66	0.00	0	N/A	0.82	2	2.439
67	0.00	0	N/A	0.58	0	0.000
68	0.00	0	N/A	0.38	0	0.000
69	0.00	0	N/A	0.30	0	0.000
72	0.00	0	N/A	0.96	2	2.083
TOTAL	3,824.02	2,584	0.676	105.58	118	1.118
AGE	DEATH			RETIREMENT		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.12	0	0.000	0.00	0	N/A
25	0.66	0	0.000	0.00	0	N/A
30	0.96	2	2.083	0.00	1	N/A
35	1.38	1	0.725	0.00	0	N/A
40	2.74	11	4.015	0.00	0	N/A
45	4.62	8	1.732	7.42	2	0.270
50	8.36	10	1.196	97.98	58	0.592
53	3.84	3	0.781	31.62	14	0.443
54	4.34	2	0.461	31.62	25	0.791
55	5.58	5	0.896	45.52	41	0.901
56	5.46	5	0.916	56.78	49	0.863
57	5.16	2	0.388	61.56	39	0.634
58	5.04	4	0.794	69.16	38	0.549
59	4.54	1	0.220	71.10	93	1.308
60	4.82	0	0.000	137.60	178	1.294
61	4.42	4	0.905	151.68	198	1.305
62	3.44	2	0.581	137.20	175	1.276
63	2.36	0	0.000	107.52	143	1.330
64	1.84	1	0.543	95.04	82	0.863
65	1.26	0	0.000	71.60	70	0.978
66	0.96	1	1.042	69.00	61	0.884
67	0.68	0	0.000	38.80	39	1.005
68	0.44	0	0.000	24.80	16	0.645
69	0.36	0	0.000	20.40	17	0.833
72	1.12	0	0.000	322.00	54	0.168
TOTAL	74.50	62	0.832	1,648.40	1,393	0.845

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
TEACHERS
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - MALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.00	0	N/A	0.00	0	N/A
25	53.40	22	0.412	0.04	0	0.000
30	126.60	82	0.648	0.10	0	0.000
35	110.74	81	0.731	0.12	0	0.000
40	72.78	54	0.742	0.14	0	0.000
45	78.66	62	0.788	0.42	0	0.000
50	69.22	51	0.737	1.86	4	2.151
53	9.76	10	1.025	0.70	1	1.429
54	11.42	12	1.051	0.82	0	0.000
55	11.90	7	0.588	1.94	0	0.000
56	9.98	10	1.002	1.70	0	0.000
57	10.78	7	0.649	1.62	0	0.000
58	8.16	9	1.103	1.30	0	0.000
59	7.92	0	0.000	1.08	0	0.000
60	0.00	0	N/A	1.22	0	0.000
61	0.00	0	N/A	1.12	0	0.000
62	0.00	0	N/A	1.02	0	0.000
63	0.00	0	N/A	0.74	0	0.000
64	0.00	0	N/A	0.60	0	0.000
65	0.00	0	N/A	0.40	0	0.000
66	0.00	0	N/A	0.28	0	0.000
67	0.00	0	N/A	0.26	0	0.000
68	0.00	0	N/A	0.08	0	0.000
69	0.00	0	N/A	0.14	0	0.000
72	0.00	0	N/A	0.30	0	0.000
TOTAL	581.32	407	0.700	18.00	5	0.278
AGE	DEATH			RETIREMENT		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.00	0	N/A	0.00	0	N/A
25	0.46	0	0.000	0.00	0	N/A
30	1.20	0	0.000	0.00	0	N/A
35	1.38	1	0.725	0.00	0	N/A
40	1.26	1	0.794	0.00	0	N/A
45	1.58	0	0.000	2.30	0	0.000
50	3.82	1	0.262	41.42	15	0.362
53	0.96	2	2.083	22.20	7	0.315
54	1.00	2	2.000	27.04	15	0.555
55	1.76	4	2.273	40.10	41	1.022
56	1.54	2	1.299	55.36	52	0.939
57	1.46	1	0.685	74.58	67	0.898
58	1.16	2	1.724	75.60	57	0.754
59	0.98	0	0.000	74.12	83	1.120
60	1.02	1	0.980	81.60	85	1.042
61	0.86	1	1.163	61.16	60	0.981
62	0.78	0	0.000	48.96	48	0.980
63	0.54	0	0.000	31.72	31	0.977
64	0.38	0	0.000	24.08	16	0.664
65	0.22	0	0.000	15.00	11	0.733
66	0.14	0	0.000	9.30	8	0.860
67	0.12	0	0.000	8.32	9	1.082
68	0.04	0	0.000	2.64	1	0.379
69	0.06	0	0.000	4.08	3	0.735
72	0.88	0	0.000	20.00	4	0.200
TOTAL	23.60	18	0.763	719.58	613	0.852

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
TEACHERS
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - FEMALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.40	1	2.500	0.00	0	N/A
25	206.10	92	0.446	0.14	0	0.000
30	442.50	234	0.529	0.34	0	0.000
35	374.08	281	0.751	0.32	1	3.125
40	220.38	205	0.930	0.40	0	0.000
45	214.76	137	0.638	1.54	5	3.247
50	253.72	136	0.536	5.80	8	1.379
53	37.28	30	0.805	2.02	3	1.485
54	34.08	38	1.115	2.24	4	1.786
55	26.24	24	0.915	2.46	3	1.220
56	29.50	30	1.017	2.32	2	0.862
57	19.36	16	0.826	1.94	0	0.000
58	19.48	14	0.719	1.60	2	1.250
59	15.30	0	0.000	1.26	1	0.794
60	0.00	0	N/A	2.50	0	0.000
61	0.00	0	N/A	2.92	0	0.000
62	0.00	0	N/A	2.56	0	0.000
63	0.00	0	N/A	2.46	0	0.000
64	0.00	0	N/A	1.68	0	0.000
65	0.00	0	N/A	1.32	0	0.000
66	0.00	0	N/A	1.04	0	0.000
67	0.00	0	N/A	0.84	0	0.000
68	0.00	0	N/A	0.60	0	0.000
69	0.00	0	N/A	0.58	0	0.000
72	0.00	0	N/A	1.40	0	0.000
TOTAL	1,893.18	1,238	0.654	40.28	29	0.720
AGE	DEATH			RETIREMENT		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.00	0	N/A	0.00	0	N/A
25	0.90	0	0.000	0.00	0	N/A
30	2.06	0	0.000	0.00	0	N/A
35	2.06	1	0.485	0.00	0	N/A
40	2.98	2	0.671	0.00	0	N/A
45	4.84	6	1.240	2.52	1	0.397
50	11.98	13	1.085	98.76	50	0.506
53	3.36	2	0.595	61.14	22	0.360
54	3.52	4	1.136	75.94	35	0.461
55	3.68	2	0.543	94.90	73	0.769
56	3.46	5	1.445	121.10	88	0.727
57	2.92	1	0.342	142.20	103	0.724
58	2.40	4	1.667	139.70	94	0.673
59	1.88	4	2.128	129.48	124	0.958
60	2.00	1	0.500	150.30	149	0.991
61	1.46	1	0.685	124.10	137	1.104
62	0.94	0	0.000	88.54	94	1.062
63	0.70	1	1.429	73.92	83	1.123
64	0.40	0	0.000	45.54	47	1.032
65	0.26	0	0.000	33.00	24	0.727
66	0.18	1	5.556	22.94	28	1.221
67	0.12	0	0.000	16.64	13	0.781
68	0.08	0	0.000	11.34	14	1.235
69	0.08	0	0.000	10.08	8	0.794
72	0.14	0	0.000	70.00	13	0.186
TOTAL	52.40	48	0.916	1,512.14	1,200	0.794

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
POLICEMEN
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - MALE & FEMALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			ORDINARY DISABILITY			ACCIDENTAL DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	4.86	10	2.058	0.00	0	N/A	0.00	0	N/A
25	91.54	76	0.830	0.00	0	N/A	0.16	0	0.000
30	155.30	130	0.837	0.02	0	0.000	0.90	1	1.111
35	140.40	120	0.855	0.32	0	0.000	4.84	5	1.033
40	106.42	94	0.883	1.56	3	1.923	6.72	9	1.339
45	69.94	64	0.915	4.16	1	0.240	6.90	8	1.159
50	31.94	33	1.033	1.70	2	1.176	4.78	5	1.046
53	3.06	8	2.614	0.04	0	0.000	0.74	2	2.703
54	4.20	8	1.905	0.42	1	2.381	0.82	0	0.000
55	3.40	8	2.353	0.36	0	0.000	0.72	1	1.389
56	3.86	5	1.295	0.62	2	3.226	0.72	0	0.000
57	2.84	5	1.761	0.54	0	0.000	0.52	0	0.000
58	2.58	6	2.326	0.66	3	4.545	0.44	1	2.273
59	2.62	0	0.000	0.88	1	1.136	0.50	0	0.000
60	0.00	0	N/A	0.60	0	0.000	0.32	1	3.125
61	0.00	0	N/A	0.60	0	0.000	0.30	0	0.000
62	0.00	0	N/A	0.36	0	0.000	0.16	0	0.000
63	0.00	0	N/A	0.20	0	0.000	0.12	0	0.000
64	0.00	0	N/A	0.26	0	0.000	0.10	0	0.000
65	0.00	0	N/A	0.14	0	0.000	0.04	0	0.000
66	0.00	0	N/A	0.10	0	0.000	0.02	0	0.000
67	0.00	0	N/A	0.06	0	0.000	0.02	0	0.000
68	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
69	0.00	0	N/A	0.06	0	0.000	0.02	0	0.000
72	0.00	0	N/A	0.28	0	0.000	0.02	0	0.000
TOTAL	622.96	567	0.910	13.94	13	0.933	29.88	33	1.104
AGE	RETIREMENT			ORDINARY DEATH			ACCIDENTAL DEATH		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.00	0	N/A	0.02	0	0.000	0.00	0	N/A
25	0.00	0	N/A	0.76	0	0.000	0.16	0	0.000
30	0.00	0	N/A	1.76	2	1.136	0.32	0	0.000
35	0.00	1	N/A	2.30	4	1.739	0.36	0	0.000
40	0.00	0	N/A	3.24	1	0.309	0.34	0	0.000
45	102.34	128	1.251	3.78	1	0.265	0.28	0	0.000
50	98.02	106	1.081	2.64	3	1.136	0.16	0	0.000
53	16.34	17	1.040	0.46	0	0.000	0.02	0	0.000
54	11.40	14	1.228	0.54	0	0.000	0.02	0	0.000
55	12.56	19	1.513	0.50	1	2.000	0.02	0	0.000
56	7.88	16	2.030	0.50	0	0.000	0.02	0	0.000
57	6.00	6	1.000	0.38	1	2.632	0.02	0	0.000
58	3.56	4	1.124	0.32	1	3.125	0.00	0	N/A
59	5.68	15	2.641	0.34	1	2.941	0.00	0	N/A
60	22.06	21	0.952	0.24	2	8.333	0.00	0	N/A
61	21.42	20	0.934	0.24	0	0.000	0.00	0	N/A
62	11.20	9	0.804	0.14	0	0.000	0.00	0	N/A
63	8.64	10	1.157	0.12	1	8.333	0.00	0	N/A
64	6.36	4	0.629	0.10	0	0.000	0.00	0	N/A
65	2.92	4	1.370	0.04	0	0.000	0.00	0	N/A
66	2.40	5	2.083	0.02	0	0.000	0.00	0	N/A
67	1.86	2	1.075	0.02	0	0.000	0.00	0	N/A
68	0.66	0	0.000	0.00	0	N/A	0.00	0	N/A
69	1.92	1	0.521	0.02	0	0.000	0.00	0	N/A
72	6.00	2	0.333	0.02	0	0.000	0.00	0	N/A
TOTAL	349.22	404	1.157	18.50	18	0.973	1.72	0	0.000

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
FIREMEN
JULY 1, 2001 THROUGH JUNE 30, 2005
NUMBER OF SEPARATIONS - MALE & FEMALE**

AGE	ULTIMATE WITHDRAWAL & VESTING			ORDINARY DISABILITY			ACCIDENTAL DISABILITY		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.20	0	0.000	0.00	0	N/A	0.02	0	0.000
25	3.50	4	1.143	0.00	0	N/A	0.18	0	0.000
30	7.02	12	1.709	0.00	0	N/A	0.48	1	2.083
35	12.64	4	0.316	0.10	0	0.000	1.28	0	0.000
40	12.80	11	0.859	0.16	1	6.250	2.42	1	0.413
45	8.36	8	0.957	0.20	0	0.000	2.88	2	0.694
50	3.58	3	0.838	0.14	1	7.143	2.34	2	0.855
53	0.40	0	0.000	0.02	0	0.000	0.34	3	8.824
54	0.30	0	0.000	0.02	0	0.000	0.26	0	0.000
55	0.26	0	0.000	0.02	1	50.000	0.22	1	4.545
56	0.18	0	0.000	0.00	0	N/A	0.16	1	6.250
57	0.08	0	0.000	0.00	0	N/A	0.12	0	0.000
58	0.14	0	0.000	0.00	0	N/A	0.10	0	0.000
59	0.10	0	0.000	0.00	0	N/A	0.08	0	0.000
60	0.00	0	N/A	0.00	0	N/A	0.12	0	0.000
61	0.00	0	N/A	0.00	0	N/A	0.08	0	0.000
62	0.00	0	N/A	0.00	0	N/A	0.04	0	0.000
63	0.00	0	N/A	0.00	0	N/A	0.04	0	0.000
64	0.00	0	N/A	0.00	0	N/A	0.06	0	0.000
65	0.00	0	N/A	0.00	0	N/A	0.02	0	0.000
66	0.00	0	N/A	0.00	0	N/A	0.04	0	0.000
67	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
68	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
69	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
72	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
TOTAL	49.56	42	0.847	0.66	3	4.545	11.28	11	0.975
AGE	RETIREMENT			ORDINARY DEATH			ACCIDENTAL DEATH		
	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*	EXPECTED	ACTUAL	A/E*
20	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
25	0.00	0	N/A	0.12	0	0.000	0.06	0	0.000
30	0.00	0	N/A	0.26	0	0.000	0.14	0	0.000
35	0.00	0	N/A	0.58	1	1.724	0.24	0	0.000
40	0.00	0	N/A	0.86	0	0.000	0.26	1	3.846
45	49.80	48	0.964	1.12	1	0.893	0.24	1	4.167
50	63.90	66	1.033	0.90	0	0.000	0.16	0	0.000
53	9.30	7	0.753	0.14	0	0.000	0.02	0	0.000
54	7.20	10	1.389	0.12	0	0.000	0.02	0	0.000
55	9.00	6	0.667	0.10	0	0.000	0.02	0	0.000
56	7.28	7	0.962	0.08	0	0.000	0.00	0	N/A
57	7.02	8	1.140	0.06	0	0.000	0.00	0	N/A
58	3.92	4	1.020	0.06	0	0.000	0.00	0	N/A
59	2.32	2	0.862	0.04	0	0.000	0.00	0	N/A
60	8.40	7	0.833	0.06	0	0.000	0.00	0	N/A
61	5.80	4	0.690	0.04	0	0.000	0.00	0	N/A
62	3.36	3	0.893	0.02	0	0.000	0.00	0	N/A
63	2.70	3	1.111	0.02	0	0.000	0.00	0	N/A
64	3.64	1	0.275	0.04	0	0.000	0.00	0	N/A
65	1.00	2	2.000	0.02	0	0.000	0.00	0	N/A
66	2.00	4	2.000	0.02	0	0.000	0.00	0	N/A
67	0.50	1	2.000	0.00	0	N/A	0.00	0	N/A
68	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
69	0.00	0	N/A	0.00	0	N/A	0.00	0	N/A
72	2.00	1	0.500	0.00	0	N/A	0.00	0	N/A
TOTAL	189.14	184	0.973	4.66	2	0.429	1.16	2	1.724

* Ratio of actual to expected

NEW HAMPSHIRE RETIREMENT SYSTEM
JULY 1, 2001 THROUGH JUNE 30, 2005
SALARY EXPERIENCE
GROUP I

EMPLOYEES						
AGE	MALE			FEMALE		
	EXPECTED	ACTUAL	A/E	EXPECTED	ACTUAL	A/E *
20	2,210,971	2,425,002	1.097	2,690,367	2,710,044	1.007
25	16,568,325	16,723,052	1.009	19,800,471	19,421,975	0.981
30	33,929,189	35,188,362	1.037	36,716,430	36,157,522	0.985
35	63,808,944	64,331,376	1.008	64,389,924	64,384,588	1.000
40	88,507,802	89,008,390	1.006	102,522,302	103,717,749	1.012
45	112,613,988	112,778,316	1.001	135,773,518	135,630,737	0.999
50	137,044,423	136,813,607	0.998	153,431,863	152,281,209	0.993
55	130,565,721	127,700,732	0.978	140,225,176	137,317,060	0.979
60	73,459,875	73,114,043	0.995	74,590,599	73,856,437	0.990
65	16,916,536	16,894,316	0.999	17,440,533	17,126,945	0.982
70	5,395,481	5,394,208	1.000	5,256,038	5,156,388	0.981
TOTAL	681,021,255	680,371,404	0.999	752,837,221	747,760,654	0.993
TEACHERS						
AGE	MALE			FEMALE		
	EXPECTED	ACTUAL	A/E	EXPECTED	ACTUAL	A/E *
20	0	0	0.000	66,570	65,903	0.990
25	10,185,232	10,490,309	1.030	37,631,703	37,708,292	1.002
30	27,568,912	28,437,036	1.031	82,524,384	81,668,510	0.990
35	37,352,401	38,760,585	1.038	81,963,730	82,850,383	1.011
40	40,509,558	41,386,534	1.022	101,966,787	105,270,327	1.032
45	48,299,274	48,875,110	1.012	163,659,218	168,775,858	1.031
50	75,750,339	75,993,034	1.003	244,748,093	250,155,854	1.022
55	93,194,512	95,127,438	1.021	245,580,723	251,547,855	1.024
60	35,953,349	37,377,921	1.040	88,522,465	92,036,942	1.040
65	4,059,566	4,245,128	1.046	10,473,987	11,003,293	1.051
70	527,213	523,971	0.994	1,865,600	2,001,891	1.073
TOTAL	373,400,356	381,217,066	1.021	1,059,003,260	1,083,085,108	1.023

* Ratio of actual to expected

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 SALARY EXPERIENCE MALE AND FEMALE
 GROUP II**

POLICEMEN			
AGE	EXPECTED	ACTUAL	A/E *
20	480,255	788,600	1.642
25	24,172,017	26,486,826	1.096
30	60,235,027	59,730,196	0.992
35	77,031,460	75,098,667	0.975
40	80,450,670	78,795,086	0.979
45	67,053,917	65,700,609	0.980
50	33,916,395	33,327,377	0.983
55	19,676,774	19,573,792	0.995
60	6,882,187	6,799,185	0.988
65	652,696	655,464	1.004
70	210,066	194,627	0.927
TOTAL	370,761,464	367,150,429	0.990
FIREMEN			
AGE	EXPECTED	ACTUAL	A/E *
20	154,511	439,478	2.844
25	6,424,809	7,911,212	1.231
30	15,650,923	16,840,159	1.076
35	31,496,530	33,208,596	1.054
40	34,610,569	34,542,698	0.998
45	31,849,412	31,871,451	1.001
50	19,717,585	19,648,061	0.996
55	6,923,660	7,058,469	1.019
60	1,870,707	1,894,558	1.013
65	395,001	388,288	0.983
70	0	0	0.000
TOTAL	149,093,707	153,802,970	1.032

* Ratio of actual to expected

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 POSTRETIREMENT MORTALITY
 SERVICE
 GROUP I
 NUMBER OF DEATHS**

EMPLOYEES						
AGE	MALE			FEMALE		
	EXPECTED	ACTUAL	A/E *	EXPECTED	ACTUAL	A/E *
45	0.0	0	N/A	0.0	0	N/A
50	0.2	0	0.000	0.1	0	0.000
55	1.8	3	1.667	1.1	2	1.818
60	11.2	15	1.339	7.0	8	1.143
65	43.4	41	0.945	26.8	21	0.784
70	87.4	79	0.904	51.3	42	0.819
75	125.4	118	0.941	71.1	59	0.830
80	142.3	128	0.900	93.3	79	0.847
85	125.5	128	1.020	83.5	102	1.222
90	65.9	81	1.229	57.4	52	0.906
95	28.8	34	1.181	36.3	47	1.295
TOTAL	631.9	627	0.992	427.9	412	0.963

TEACHERS						
AGE	MALE			FEMALE		
	EXPECTED	ACTUAL	A/E *	EXPECTED	ACTUAL	A/E *
45	0.0	0	N/A	0.0	0	N/A
50	0.0	0	N/A	0.1	0	0.000
55	1.5	4	2.667	1.3	2	1.538
60	8.1	4	0.494	6.6	12	1.818
65	15.8	8	0.506	16.4	16	0.976
70	26.0	17	0.654	26.8	24	0.896
75	26.5	27	1.019	33.4	34	1.018
80	26.5	40	1.509	43.8	33	0.753
85	20.8	15	0.721	65.2	64	0.982
90	10.4	9	0.865	80.4	99	1.231
95	4.3	3	0.698	92.1	110	1.194
TOTAL	139.9	127	0.908	366.1	394	1.076

* Ratio of actual to expected

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NEW HAMPSHIRE RETIREMENT SYSTEM
JULY 1, 2001 THROUGH JUNE 30, 2005
POSTRETIREMENT MORTALITY
SERVICE
GROUP II
NUMBER OF DEATHS

POLICEMEN							
AGE	MALE			FEMALE			
	EXPECTED	ACTUAL	A/E *	EXPECTED	ACTUAL	A/E *	
45	0.3	0	0.000	0.1	0	0.000	
50	1.8	1	0.556	0.2	1	5.000	
55	3.7	3	0.811	0.2	0	0.000	
60	6.4	11	1.719	0.5	1	2.000	
65	9.9	6	0.606	0.7	2	2.857	
70	12.9	12	0.930	1.5	2	1.333	
75	15.3	10	0.654	0.8	0	0.000	
80	10.6	11	1.038	0.8	0	0.000	
85	8.4	6	0.714	0.8	0	0.000	
90	3.9	4	1.026	0.0	0	N/A	
95	1.6	0	0.000	0.0	0	N/A	
TOTAL	74.8	64	0.856	5.6	6	1.071	
FIREMEN							
AGE	MALE			FEMALE			
	EXPECTED	ACTUAL	A/E *	EXPECTED	ACTUAL	A/E *	
45	0.1	0	0.000	0.0	0	N/A	
50	1.0	1	1.000	0.0	0	N/A	
55	1.6	3	1.875	0.0	1	N/A	
60	2.6	4	1.538	0.1	0	0.000	
65	3.7	6	1.622	0.1	0	0.000	
70	4.8	3	0.625	0.0	0	N/A	
75	7.6	6	0.789	0.2	1	5.000	
80	6.4	5	0.781	0.0	0	N/A	
85	4.1	6	1.463	0.0	0	N/A	
90	1.0	2	2.000	0.0	0	N/A	
95	0.0	0	N/A	0.0	0	N/A	
TOTAL	32.9	36	1.094	0.4	2	5.000	

* Ratio of actual to expected

**NEW HAMPSHIRE RETIREMENT SYSTEM
EMPLOYEES
JULY 1, 2001 THROUGH JUNE 30, 2005
CURRENT AND PROPOSED RATES**

AGE	WITHDRAWAL & VESTING					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.1100	0.0810	0.0800	0.1350	0.0984	0.1000
25	0.1000	0.0663	0.0700	0.1100	0.0775	0.0800
30	0.0900	0.0707	0.0650	0.0900	0.0751	0.0700
35	0.0700	0.0522	0.0550	0.0700	0.0631	0.0600
40	0.0500	0.0430	0.0450	0.0600	0.0454	0.0500
45	0.0500	0.0356	0.0400	0.0500	0.0404	0.0400
50	0.0500	0.0409	0.0350	0.0500	0.0398	0.0350
55	0.0500	0.0448	0.0300	0.0400	0.0446	0.0300
60	0.0500	0.0000	0.0200	0.0400	0.0000	0.0250
AGE	DISABILITY					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.0003	0.0000	0.0003	0.0002	0.0000	0.0002
25	0.0003	0.0000	0.0004	0.0002	0.0006	0.0002
30	0.0003	0.0003	0.0005	0.0005	0.0002	0.0002
35	0.0004	0.0011	0.0010	0.0010	0.0006	0.0005
40	0.0010	0.0019	0.0018	0.0010	0.0008	0.0008
45	0.0020	0.0020	0.0022	0.0015	0.0011	0.0012
50	0.0030	0.0029	0.0027	0.0020	0.0021	0.0018
55	0.0035	0.0058	0.0029	0.0020	0.0045	0.0022
60	0.0035	0.0019	0.0030	0.0025	0.0007	0.0025
AGE	DEATH					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.0006	0.0000	0.0006	0.0002	0.0000	0.0002
25	0.0006	0.0015	0.0006	0.0002	0.0000	0.0002
30	0.0006	0.0003	0.0006	0.0002	0.0004	0.0003
35	0.0006	0.0006	0.0006	0.0002	0.0002	0.0004
40	0.0006	0.0005	0.0006	0.0003	0.0012	0.0007
45	0.0010	0.0013	0.0010	0.0004	0.0007	0.0010
50	0.0015	0.0013	0.0015	0.0005	0.0009	0.0014
55	0.0020	0.0019	0.0020	0.0025	0.0022	0.0018
60	0.0030	0.0029	0.0030	0.0035	0.0000	0.0023
AGE	NORMAL RETIREMENT					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
55	0.0350	0.0378	0.0350	0.0400	0.0360	0.0300
56	0.0440	0.0446	0.0440	0.0520	0.0449	0.0400
57	0.0530	0.0456	0.0550	0.0640	0.0405	0.0500
58	0.0620	0.0770	0.0770	0.0760	0.0418	0.0700
59	0.0710	0.1293	0.1000	0.0880	0.1151	0.1050
60	0.1000	0.1192	0.1250	0.1000	0.1294	0.1300
61	0.1300	0.1423	0.1500	0.1200	0.1566	0.1500
62	0.1600	0.1760	0.1700	0.1400	0.1786	0.1700
63	0.1900	0.1973	0.1900	0.1600	0.2128	0.1800
64	0.2200	0.1809	0.2100	0.1800	0.1553	0.1850
65	0.2500	0.2253	0.2400	0.2000	0.1955	0.1900
66	0.2500	0.2778	0.2600	0.2500	0.2210	0.1950
67	0.2500	0.1854	0.2400	0.2000	0.2010	0.1900
68	0.2500	0.1531	0.2200	0.2000	0.1290	0.1800
69	0.2500	0.1765	0.2000	0.2000	0.1667	0.1700

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**NEW HAMPSHIRE RETIREMENT SYSTEM
TEACHERS
JULY 1, 2001 THROUGH JUNE 30, 2005
CURRENT AND PROPOSED RATES**

AGE	WITHDRAWAL & VESTING					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.05000	0.00000	0.04750	0.05000	0.25000	0.05000
25	0.05000	0.02840	0.04500	0.05000	0.03090	0.04500
30	0.05000	0.04100	0.04000	0.05000	0.03410	0.04000
35	0.04000	0.03500	0.03500	0.05000	0.04370	0.03500
40	0.03000	0.02560	0.02750	0.03000	0.03270	0.03000
45	0.03000	0.02790	0.02750	0.02000	0.01650	0.02000
50	0.04000	0.03470	0.03500	0.04000	0.02230	0.02500
55	0.05000	0.04070	0.04000	0.04000	0.04320	0.03500
60	0.06000	0.00000	0.04500	0.05000	0.00000	0.04000
AGE	DISABILITY					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00005	0.00000	0.00005	0.00005	0.00000	0.00005
25	0.00005	0.00000	0.00005	0.00005	0.00000	0.00005
30	0.00005	0.00000	0.00005	0.00005	0.00000	0.00005
35	0.00005	0.00000	0.00005	0.00005	0.00020	0.00005
40	0.00005	0.00000	0.00005	0.00005	0.00000	0.00005
45	0.00015	0.00000	0.00015	0.00015	0.00060	0.00015
50	0.00050	0.00120	0.00050	0.00045	0.00070	0.00045
55	0.00200	0.00000	0.00200	0.00100	0.00120	0.00100
60	0.00300	0.00000	0.00300	0.00250	0.00000	0.00250
AGE	DEATH					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00060	0.00000	0.00020	0.00030	0.00000	0.00030
25	0.00060	0.00000	0.00020	0.00030	0.00000	0.00030
30	0.00060	0.00000	0.00030	0.00030	0.00000	0.00030
35	0.00060	0.00040	0.00040	0.00030	0.00020	0.00030
40	0.00060	0.00050	0.00050	0.00050	0.00030	0.00050
45	0.00060	0.00000	0.00060	0.00050	0.00070	0.00050
50	0.00120	0.00030	0.00120	0.00100	0.00110	0.00100
55	0.00180	0.00410	0.00180	0.00150	0.00080	0.00150
60	0.00250	0.00250	0.00250	0.00200	0.00100	0.00200
AGE	NORMAL RETIREMENT					
	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
55	0.05000	0.05110	0.05000	0.05000	0.03850	0.04000
56	0.08000	0.07510	0.08000	0.07000	0.05090	0.05000
57	0.11000	0.09880	0.10000	0.09000	0.06520	0.07000
58	0.14000	0.10560	0.13000	0.11000	0.07400	0.09000
59	0.17000	0.19040	0.18000	0.13000	0.12450	0.13000
60	0.20000	0.20830	0.20500	0.15000	0.14870	0.15000
61	0.22000	0.21580	0.22000	0.17000	0.18770	0.18000
62	0.24000	0.23530	0.23000	0.19000	0.20170	0.20000
63	0.26000	0.25410	0.24000	0.21000	0.23580	0.23000
64	0.28000	0.18600	0.25000	0.23000	0.23740	0.24000
65	0.30000	0.22000	0.26000	0.25000	0.18180	0.25000
66	0.31000	0.26670	0.27000	0.25500	0.31110	0.26000
67	0.32000	0.34620	0.28000	0.26000	0.20310	0.27000
68	0.33000	0.12500	0.29000	0.27000	0.33330	0.28000
69	0.34000	0.25000	0.30000	0.28000	0.22220	0.29000

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**NEW HAMPSHIRE RETIREMENT SYSTEM
POLICEMEN
JULY 1, 2001 THROUGH JUNE 30, 2005
CURRENT AND PROPOSED RATES**

AGE	WITHDRAWAL & VESTING		
	CURRENT	ACTUAL	PROPOSED
20	0.07500	0.14290	0.07000
25	0.06000	0.04920	0.05500
30	0.05000	0.04170	0.04500
35	0.04000	0.03440	0.03500
40	0.03000	0.02790	0.03000
45	0.03000	0.02810	0.03000
50	0.03000	0.02850	0.03000
55	0.02000	0.05260	0.02000
60	0.02000	0.00000	0.02000

AGE	ORDINARY DISABILITY			ACCIDENTAL DISABILITY		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00005	0.00000	0.00005	0.00010	0.00000	0.00010
25	0.00009	0.00000	0.00009	0.00010	0.00000	0.00010
30	0.00015	0.00000	0.00015	0.00010	0.00030	0.00010
35	0.00021	0.00000	0.00021	0.00150	0.00140	0.00150
40	0.00060	0.00150	0.00060	0.00200	0.00270	0.00200
45	0.00140	0.00050	0.00140	0.00250	0.00290	0.00250
50	0.00200	0.00210	0.00200	0.00300	0.00310	0.00300
55	0.00360	0.00000	0.00360	0.00350	0.00490	0.00350
60	0.01380	0.00000	0.01380	0.00400	0.01220	0.00400

AGE	ORDINARY DEATH			ACCIDENTAL DEATH		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00044	0.00000	0.00044	0.00010	0.00000	0.00010
25	0.00050	0.00000	0.00050	0.00010	0.00000	0.00010
30	0.00056	0.00060	0.00056	0.00010	0.00000	0.00010
35	0.00065	0.00110	0.00065	0.00010	0.00000	0.00010
40	0.00096	0.00030	0.00096	0.00010	0.00000	0.00010
45	0.00140	0.00040	0.00140	0.00010	0.00000	0.00010
50	0.00160	0.00190	0.00160	0.00010	0.00000	0.00010
55	0.00240	0.00490	0.00240	0.00010	0.00000	0.00010
60	0.00300	0.02440	0.00300	0.00010	0.00000	0.00010

AGE	NORMAL RETIREMENT		
	CURRENT	ACTUAL	PROPOSED
55	0.24167	0.36540	0.33000
56	0.24583	0.50000	0.30000
57	0.25000	0.25000	0.28750
58	0.25417	0.28570	0.28000
59	0.25833	0.68180	0.27500
60	0.26250	0.25610	0.27000
61	0.26667	0.25640	0.26667
62	0.27083	0.22500	0.27083
63	0.27500	0.33330	0.27500
64	0.27917	0.18180	0.27917
65	0.28333	0.40000	0.28333
66	0.28750	0.62500	0.28750
67	0.29167	0.33330	0.29167
68	0.29583	0.00000	0.29583
69	0.30000	0.16670	0.30000

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NEW HAMPSHIRE RETIREMENT SYSTEM

FIREMEN

JULY 1, 2001 THROUGH JUNE 30, 2005

CURRENT AND PROPOSED RATES

AGE	WITHDRAWAL & VESTING		
	CURRENT	ACTUAL	PROPOSED
20	0.01000	0.00000	0.01000
25	0.01000	0.01160	0.01000
30	0.01000	0.01740	0.01000
35	0.01000	0.00320	0.01000
40	0.01000	0.00860	0.01000
45	0.01000	0.00960	0.01000
50	0.01000	0.00840	0.01000
55	0.01000	0.00000	0.01000
60	0.01000	0.00000	0.01000

AGE	ORDINARY DISABILITY			ACCIDENTAL DISABILITY		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00020	0.00000	0.00020	0.00050	0.00000	0.00050
25	0.00020	0.00000	0.00020	0.00050	0.00000	0.00050
30	0.00020	0.00000	0.00020	0.00070	0.00140	0.00070
35	0.00020	0.00000	0.00020	0.00090	0.00000	0.00090
40	0.00020	0.00110	0.00020	0.00200	0.00080	0.00200
45	0.00020	0.00000	0.00020	0.00300	0.00170	0.00300
50	0.00020	0.00150	0.00020	0.00350	0.00260	0.00350
55	0.00020	0.01850	0.00020	0.00400	0.01610	0.00400
60	0.00020	0.00000	0.00020	0.00400	0.00000	0.00400

AGE	ORDINARY DEATH			ACCIDENTAL DEATH		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
20	0.00031	0.00000	0.00031	0.00020	0.00000	0.00020
25	0.00035	0.00000	0.00035	0.00020	0.00000	0.00020
30	0.00039	0.00000	0.00039	0.00020	0.00000	0.00020
35	0.00046	0.00080	0.00046	0.00020	0.00000	0.00020
40	0.00067	0.00000	0.00067	0.00020	0.00080	0.00020
45	0.00098	0.00090	0.00098	0.00020	0.00090	0.00020
50	0.00112	0.00000	0.00112	0.00020	0.00000	0.00020
55	0.00168	0.00000	0.00168	0.00020	0.00000	0.00020
60	0.00210	0.00000	0.00210	0.00020	0.00000	0.00020

AGE	NORMAL RETIREMENT		
	CURRENT	ACTUAL	PROPOSED
55	0.25000	0.16670	0.25000
56	0.26000	0.25000	0.26000
57	0.27000	0.30770	0.27000
58	0.28000	0.28570	0.28000
59	0.29000	0.25000	0.29000
60	0.30000	0.25000	0.30000
61	0.29000	0.20000	0.29000
62	0.28000	0.25000	0.28000
63	0.27000	0.30000	0.27000
64	0.26000	0.07140	0.26000
65	0.25000	0.50000	0.25000
66	0.25000	0.50000	0.25000
67	0.25000	0.50000	0.25000
68	0.25000	0.00000	0.25000
69	0.25000	0.00000	0.25000

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 CURRENT AND PROPOSED SALARY RATES
 GROUP I**

EMPLOYEES				
AGE	CURRENT	ACTUAL		PROPOSED
		MALE	FEMALE	
20	16.750	22.270	17.176	16.750
25	13.750	14.280	12.658	13.750
30	9.250	11.259	8.415	9.250
35	8.250	8.692	8.246	8.250
40	6.850	7.152	7.471	6.850
45	6.650	6.728	6.594	6.650
50	6.450	6.360	6.050	6.450
55	6.250	5.078	5.142	6.250
60	6.050	5.800	5.527	6.050
65	5.850	5.780	4.894	5.850
70	5.750	5.738	4.743	5.750

TEACHERS				
AGE	CURRENT	ACTUAL		PROPOSED
		MALE	FEMALE	
20	8.500	0.000	7.955	8.750
25	8.500	10.113	8.610	8.750
30	6.500	8.164	5.946	7.000
35	5.750	7.725	6.320	6.500
40	5.000	6.130	6.687	6.000
45	4.250	4.870	5.867	5.500
50	4.000	4.166	5.143	5.000
55	3.750	4.820	5.003	4.750
60	3.500	5.531	5.535	4.500
65	3.500	5.839	6.083	4.500
70	3.500	3.181	7.214	4.500

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 CURRENT AND PROPOSED SALARY RATES
 GROUP II**

POLICEMEN			
AGE	CURRENT	ACTUAL	PROPOSED
20	13.250	45.121	12.750
25	13.250	18.549	12.750
30	8.750	8.293	8.250
35	7.500	6.143	7.000
40	6.250	5.151	5.750
45	6.250	5.172	5.750
50	6.250	5.323	5.750
55	6.250	5.972	5.750
60	6.250	5.607	5.750
65	6.250	6.475	5.750
70	6.250	2.271	5.750
FIREMEN			
AGE	CURRENT	ACTUAL	PROPOSED
20	9.537	84.735	14.000
25	8.371	20.255	13.000
30	7.540	11.551	10.000
35	6.708	9.570	8.000
40	6.250	6.146	6.250
45	6.250	6.287	6.250
50	6.250	6.063	6.250
55	6.250	7.279	6.250
60	6.250	6.925	6.250
65	6.250	5.343	6.250
70	6.250	0.000	6.250

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 POSTRETIREMENT MORTALITY RATES
 CURRENT AND PROPOSED
 GROUP I**

EMPLOYEES						
AGE	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
48	0.00197	0.00000	0.00197	0.00131	0.00000	0.00131
50	0.00235	0.00000	0.00235	0.00155	0.00000	0.00155
55	0.00387	0.00700	0.00387	0.00226	0.00400	0.00226
60	0.00735	0.01100	0.00735	0.00360	0.00500	0.00360
65	0.01408	0.01400	0.01408	0.00779	0.00600	0.00779
70	0.02485	0.02300	0.02485	0.01562	0.01300	0.01562
75	0.04176	0.03900	0.04176	0.02566	0.02100	0.02566
80	0.06934	0.06200	0.06934	0.04195	0.03600	0.04195
85	0.10800	0.10800	0.10800	0.07012	0.08500	0.07012
90	0.15083	0.18100	0.15083	0.11249	0.10000	0.11249
92	0.17028	0.24300	0.17028	0.13267	0.22600	0.13267
TEACHERS						
AGE	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
48	0.00165	0.00000	0.00151	0.00109	0.00000	0.00119
50	0.00197	0.00000	0.00180	0.00131	0.00000	0.00143
55	0.00312	0.00900	0.00283	0.00196	0.00300	0.00211
60	0.00563	0.00300	0.00494	0.00287	0.00500	0.00319
65	0.01094	0.00600	0.00959	0.00562	0.00600	0.00661
70	0.02001	0.01300	0.01787	0.01222	0.01100	0.01389
75	0.03397	0.03400	0.03062	0.02124	0.02200	0.02335
80	0.05678	0.08400	0.05129	0.03427	0.02600	0.03789
85	0.09160	0.06400	0.08378	0.05710	0.05600	0.06329
90	0.13319	0.11300	0.12474	0.09425	0.11500	0.10316
92	0.15083	0.13000	0.14184	0.11249	0.18100	0.12230

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**NEW HAMPSHIRE RETIREMENT SYSTEM
 JULY 1, 2001 THROUGH JUNE 30, 2005
 POSTRETIREMENT MORTALITY RATES
 CURRENT AND PROPOSED
 GROUP II**

POLICEMEN						
AGE	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
48	0.00197	0.00000	0.00197	0.00131	0.00000	0.00131
50	0.00235	0.00100	0.00235	0.00155	0.00900	0.00155
55	0.00387	0.00300	0.00387	0.00226	0.00000	0.00226
60	0.00735	0.01300	0.00735	0.00360	0.00800	0.00360
65	0.01408	0.00800	0.01408	0.00779	0.02400	0.00779
70	0.02485	0.02300	0.02485	0.01562	0.02000	0.01562
75	0.04176	0.02700	0.04176	0.02566	0.00000	0.02566
80	0.06934	0.07200	0.06934	0.04195	0.00000	0.04195
85	0.10800	0.07500	0.10800	0.07012	0.00000	0.07012
90	0.15083	0.15400	0.15083	0.11249	0.00000	0.11249
92	0.17028	0.00000	0.17028	0.13267	0.00000	0.13267
FIREMEN						
AGE	MALE			FEMALE		
	CURRENT	ACTUAL	PROPOSED	CURRENT	ACTUAL	PROPOSED
48	0.00169	0.00000	0.00169	0.00102	0.00000	0.00102
50	0.00207	0.00200	0.00207	0.00123	0.00000	0.00123
55	0.00338	0.00600	0.00338	0.00227	0.04500	0.00227
60	0.00560	0.00800	0.00560	0.00444	0.00000	0.00444
65	0.01024	0.01700	0.01024	0.00864	0.00000	0.00864
70	0.01927	0.01200	0.01927	0.01555	0.00000	0.01555
75	0.03425	0.02800	0.03425	0.02593	0.12500	0.02593
80	0.05542	0.04200	0.05542	0.04325	0.00000	0.04325
85	0.08534	0.12000	0.08534	0.06940	0.00000	0.06940
90	0.12721	0.25000	0.12721	0.10531	0.00000	0.10531
92	0.14613	0.00000	0.14613	0.12345	0.00000	0.12345

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