_____ moves that the Legislative Commission on Pensions and Retirement approve the following replacement actuarial assumptions for the State Patrol Retirement Plan, beginning with the July 1, 2012, actuarial valuation, under Minnesota Statutes, Section 356.215, Subdivision 18:

**Mortality Rates:**

**Post-Retirement Mortality for Healthy Lives**

RP-2000 annuitant generational mortality table, white collar adjustment

Males: Set back two years

Females: Set forward one year

**Post-Retirement Mortality for Disabled Lives**

RP-2000 annuitant generational mortality table, white collar adjustment

Males: Set back two years

Females: Set forward one year

**Pre-Retirement Mortality for Healthy Lives**

RP-2000 non-annuitant generational mortality table, white collar adjustment

Males: No set back or set forward

Females: No set back or set forward

**Retirement Rates:**

| Age | Retirements from Active Status |
|---|---|
| 50 | 7% |
| 51 | 6% |
| 52 | 6% |
| 53 | 6% |
| 54 | 3% |
| 55 | 65% |
| 56 | 50% |
| 57 | 30% |
| 58 | 20% |
| 59 | 20% |
| 60+ | 100% |

**Disablement Rates:**

| Age | | Age | | Age | |
|---|---|---|---|---|---|
| 20 | 0.03% | 40 | 0.14% | 60 | 1.13% |
| 21 | 0.03% | 41 | 0.16% | 61 | 1.23% |
| 22 | 0.04% | 42 | 0.18% | 62 | 1.34% |
| 23 | 0.04% | 43 | 0.19% | 63+ | 0.00% |
| 24 | 0.05% | 44 | 0.21% | | |
| 25 | 0.05% | 45 | 0.23% | | |
| 26 | 0.05% | 46 | 0.26% | | |
| 27 | 0.06% | 47 | 0.29% | | |
| 28 | 0.06% | 48 | 0.33% | | |
| 29 | 0.06% | 49 | 0.37% | | |
| 30 | 0.06% | 50 | 0.40% | | |
| 31 | 0.07% | 51 | 0.46% | | |
| 32 | 0.07% | 52 | 0.51% | | |
| 33 | 0.08% | 53 | 0.58% | | |
| 34 | 0.08% | 54 | 0.64% | | |
| 35 | 0.09% | 55 | 0.70% | | |
| 36 | 0.10% | 56 | 0.78% | | |
| 37 | 0.10% | 57 | 0.86% | | |
| 38 | 0.12% | 58 | 0.94% | | |
| 39 | 0.13% | 59 | 1.03% | | |

**Marital Status:**

(percentage married)

Males: 85%

Females: 85%

**Age of Beneficiary:**

(beneficiary's age – member's age)

Males: 2 years older

Females: 2 years younger

**Annuity Form:**

(% of married members electing)

| Annuity Form | Males | Females |
|---|---|---|
| Straight Life | 25% | 40% |
| 15-Year Certain & Life | 0% | 0% |
| 50% Joint & Survivor | 15% | 25% |
| 75% Joint & Survivor | 25% | 30% |
| 100% Joint & Survivor | 35% | 5% |

**Termination from Active Status:**

| Years of Service | Select Withdrawal Rates |
|---|---|
| 1 | 5.00% |
| 2 | 2.00% |
| 3 | 2.00% |

| Age | Ultimate Withdrawal Rates | Age | Ultimate Withdrawal Rates |
|---|---|---|---|
| 20 | 1.47% | 40 | 0.40% |
| 21 | 1.40% | 41 | 0.40% |
| 22 | 1.33% | 42 | 0.40% |
| 23 | 1.27% | 43 | 0.40% |
| 24 | 1.20% | 44 | 0.40% |
| 25 | 1.13% | 45 | 0.40% |
| 26 | 1.07% | 46 | 0.40% |
| 27 | 1.00% | 47 | 0.40% |
| 28 | 0.93% | 48 | 0.40% |
| 29 | 0.87% | 49 | 0.20% |
| 30 | 0.80% | 50 | 0.00% |
| 31 | 0.73% | 51 | 0.00% |
| 32 | 0.67% | 52 | 0.00% |
| 33 | 0.60% | 53 | 0.00% |
| 34 | 0.53% | 54 | 0.00% |
| 35 | 0.47% | 55 | 0.00% |
| 36 | 0.40% | 56 | 0.00% |
| 37 | 0.40% | 57 | 0.00% |
| 38 | 0.40% | 58 | 0.00% |
| 39 | 0.40% | 59 | 0.00% |
| | | 60+ | 0.00% |