**I. Overview**

The Wisconsin Public Employers Group Life Insurance program offers group life insurance to current and retired employees of state government and participating local public employers. Under Chapter 40, the statutory authority to contract for group insurance benefits for State and local government employees resides in the Group Insurance Board (GIB). The GIB has administered a comprehensive group life insurance program for State employees since January 1, 1958 and for Wisconsin public employers who elect to participate since January 1, 1960. The GIB selects a life insurance company to underwrite the life insurance benefits for employees. Minnesota Life Insurance Company (MLIC) has been the Insurer for these plans since their inception.

While the State and local government plans have historically been very similar in both benefits and premiums, the two plans have always been financially independent of each other. Additionally, while the State acts as one employer under the plan for State employees, the local government plan currently includes over 707 separate and independent participating employers, each with its own circumstances and needs.

**II. Historical Development and Statutory Authority**

**A. Basic Insurance**

Basic insurance coverage, authorized by s. 40.72(1), Stats., is equal to an employee's annual earnings for the prior calendar year (as reported to WRS) rounded to the next highest thousand dollars. Section 40.05(6)(a) of the Wisconsin Statutes limits the premium rate for an employee to no more than $.60 monthly for each $1,000 of insurance. Employees and employers share the premium cost of basic insurance. Basic coverage also includes a post-retirement benefit in a reduced amount.

**B. Accidental Death and Dismemberment (AD&D)**

AD&D coverage was added to the basic insurance in 1969. AD&D coverage is equal to an employee's insurance under the basic, supplemental, and additional coverages.

**C. Supplemental Insurance**

Supplemental insurance, authorized by s. 40.72(10), Stats, was added to the State plan in 1974 and the local plan in 1984. State employees and the State share the premium cost of the pre-retirement insurance. Prior to July 1, 1995, local employers were required to pay an amount equal to at least 20% of the total premium for supplemental coverage. Effective July 1, 1995, local employers are not required to contribute toward the premiums for supplemental insurance.

**D. Additional Insurance**

Additional insurance was added by insurance policy rider to the State and local plans in 1984. There are no statutory limits on premium rates for this insurance and employees must pay the entire premium cost. There is no post-retirement benefit; however, an employee who continues in active employment beyond age 70 may continue this coverage by continuing to pay premiums.

In 1998, two more units of Additional coverage were made available to State employees and to local employees whose employer files a resolution to offer the coverage. Employees may elect one, two, or three levels of Additional coverage.

**E. Spouse and Dependent Coverage**

Spouse and dependent coverage, available to active employees under age 70, was first offered to State employees in 1981 and local employers in 1983. The amount of coverage at that time was $5,000 for an insured spouse and $2,500 for each dependent child. In 1988, a second optional unit of coverage was introduced, allowing an employee to double the amounts of insurance by paying an additional monthly premium.

The spouse and dependent plan benefits and premiums for the State and local plans were identical for several years. Through the early 90’s, the financial experience of the State and local plans fluctuated causing differences in benefit levels and premium. Effective July 1, 1996, the coverage for both the State and local plan became the same--$10,000 per unit for spouses and $5,000 per unit for each dependent.

**III. Innovative Benefits**

**A. Living Benefit**

In 1992, a living benefit rider was added to the plan. The living benefit provision allows an insured employee, retiree, spouse or dependent to receive the proceeds of his or her life insurance coverage while still living if certain medical criteria are met.

**B. Life to Health or Long-Term Care Option**

This option, authorized by Section 40.72(4r), Stats, enables persons insured at the post-retirement amount under the plan to convert the present value of that coverage to pay premiums for health or long-term care insurance plans offered under subchapter IV of Chapter 40, Stats. Administrative Rule ETF 60.60, effective in 1995, establishes procedures to implement this statute.

**IV. Premiums**

**A. Premium Structure Until 1995**

Premiums are established annually by the GIB, based on the recommendations of the Insurer. Historically, employee premium rates were designed to pay the cost of current coverage for active employees (i.e. preretirement insurance). Employer premium contributions were designed to fund the cost of post-retirement insurance, calculated as a percentage of active employee premiums. As premium rates fell in the basic and supplemental plans, the effect of the employer subsidy of the premium rates became more evident. Premium rates in the supplemental plan were substantially below the basic plan rates, even though all insured employees must enroll in the basic plan in order to be eligible for supplemental plan coverage. The rate disparity was due to the employer subsidy structure put in place when the plan was instituted in 1974.

**B. Current Premium Structure**

In 1995, changes in the premium structure were implemented in both the State and local plans. These changes were intended to simplify the plan for both the employer and the employees and to recognize differences in environmental circumstances and claims experience of the local government and State plans. In both plans, the changes simplify the plan for both employers and employees and increased its attractiveness to employees. The following is a summary of the changes.

B.1 Separate experience rating for State and local plans.

The local plan and the State plan are experience-rated separately. In the past, portions of the plans have been rated together. Because the populations and the experiences in the two plans are often quite different, this approach has produced some distortions in premium rates on both sides. The plans were deemed large and stable enough to be rated independently.

B.2 State employer subsidy shifted back to basic plan.

A premium rate structure was implemented in the State plan to shift the employer subsidy back to the basic life insurance plan and to equalize the premium rates in the basic and supplemental plans for each age category. The State reduced its premium contribution toward supplemental insurance to 35% of employee premium and increased its contributions toward basic insurance to 63% of employee premium. At the same time, employee premiums for basic insurance were decreased while employee premiums for supplemental insurance were increased. Effectively, the State began paying a portion of the cost of preretirement basic insurance coverage, which previously was covered totally by employee premiums.

B.3 Simplification of premium schedule for local plan.

The premium schedule was simplified in the local plan by setting employee premiums for supplemental and additional coverages equal to the basic premium. The employer’s contributions for the basic plan with 50% reduced benefits at ages 66 and later is 40% of employee contributions. For the plan with a benefit reduction of 25% at age 67 and later, the contribution is 20% of employee contributions.

B.4 Local plan employers not required to contribute to supplemental coverage.

Prior to 1995, local government employers were required to contribute toward the cost of supplemental coverage. Very few local employers elected the supplemental plan, presumably because the required employer contribution precludes collective bargaining on this benefit. Employers now have the option of offering levels of coverage over and above the Basic plan without increasing their fringe benefit cost

**C. Changes to Funding Arrangements**

Beginning with the 2008 policy year, the experience calculation for both the State employee plan and the local employee plan is split between active employees and retirees. See Appendix D for the current funding arrangements.

Refer to Wisconsin Public Employers Group Life Insurance Policy No. 2832-G. (See Appendix F—Additional Information.)

**I. Administrative Requirements**

Administrative responsibilities are currently divided among the Department of Employee Trust Funds, the Insurer, and participating employers. Individual local employers and state agencies are responsible for initial eligibility determinations, enrollments, collection and remittance of premiums, annual update of premium/coverage amounts, and submission of requests for premium waivers.

**A. General Administrative Requirements – *Insurer***

1. Processes new enrollments, including verification of eligibility and coverage amount, requests corrections if necessary, and notifies employer and the Department of effective date and amount of coverage.
2. Underwrites late enrollments, including requests to add coverage. Communicates results to the employer, the employee, and the Department.
3. Determines fact of coverage and certifies amount of coverage and other required information as delegated by the Department when an insured individual retires. Works closely with Department staff and employers to manage and coordinate premium collection and coverage issues related to the transition from active to retiree status.
4. Administers and pays claims for life, living benefits and AD&D insurance. As delegated by the Department, the Insurer receives notice of claim and is responsible for verifying enrollment, coverage, amount of insurance and beneficiary using the Department’s records. The Insurer provides all service pertaining to the investigation, approval, or disapproval of claims, makes claims payment to the beneficiary(ies), and notifies the Department as to the disposition of each claim.
5. Identifies unpaid claims for which no beneficiary is found and makes every reasonable effort to locate beneficiaries including the use of locating services. Provides a list of unclaimed life insurance policies to the Department to be posted to the Department’s internet site with periodic updates as claims are paid or additional unclaimed policies are identified.
6. Approves or disapproves medical evidence when an insured applies for a Living Benefit; pays approved benefit and maintains record of remaining death benefit, if any.
7. Administers the Life to Health/Long Term Care Program. This program permits retirees to use the present value of their life insurance to pay premiums for Department- sponsored health or long-term care insurance plans. The Insurer determines the present value, remits monthly health insurance premiums to the Department and works with the Department staff to assure that health insurance coverage is properly continued. For long-term care, the Insurer is responsible for remitting monthly long-term care premiums to the long-term care provider, working with the long-term care provider(s) to assure that the proper amount of premium is remitted, tracking the balance of the subscribers account, notifying the subscriber of the remaining balance annually, and assisting in the transition to another premium source when the account is depleted.
8. Approves or disapproves employee’s medical evidence when an employee requests a waiver of premiums due to disability. Follows up annually on medical condition of persons whose premiums have been waived due to disability. (Those approved for a Department-administered permanent disability benefit are exempt from follow-up).
9. Maintains a billing and membership system for local government employers. The current system contains complete life insurance information, billing and payment information for approximately 78,000 insured employees of 707 local government units. Employers are billed monthly for premiums, either via paper bill or electronically, as requested by the employer. Administers back-charges, refunds, and late payment penalties, as necessary.
10. Maintains a premium remittance and reporting system for State agencies, in lieu of direct billing. The payroll processing centers send the Insurer a monthly file with premium deduction information by agency and sub-agency. The Insurer reconciles premium reports for each state agency, researches discrepancies, and sends discrepancy reports to agencies, as required. As many as 120 separate remittance/discrepancy reports may be processed each month. The Insurer maintains membership information for about 33,000 State employees on the Central payroll system, UW Hospital and Clinics payroll system and the Wisconsin Housing and Economic Development Authority (WHEDA) payroll system. Two large payroll systems, the University of Wisconsin and the Legislature, do not currently report premiums to the Insurer, but are planning to implement a reporting system by 2011.
11. Maintains coverage and premium information for over 52,000 insured WRS retirees (both state and local).
12. Conducts an annual renewal census for State and local employers to update coverage and premium information for each insured employee.
13. Provides the Department with updated premium and/or coverage amounts for annuitants who have life insurance premiums deducted from their annuities. Provides the Department with an annual ingest file to automatically update premium deduction and coverage amounts for annuitants. The Insurer performs a monthly comparison of the Insurer's premium and coverage records with the Department's annuity deduction records. The Insurer reports any discrepancies to the Department and works with them to correct any errors.
14. On an annual or semi-annual basis, direct-bills certain retirees and other former employees who cannot pay group insurance premiums by deduction from WRS annuity.
15. Provides individual policies for persons eligible to convert group coverage upon termination of employment; prints and maintains a supply of conversion brochures for distribution to eligible employees; processes conversion applications; bills for premiums.
16. Provides counsel and defense on contested claims. In addition, the Insurer works with the Department Counsel on all legal matters associated with the Plan.
17. Comments on proposed legislation, administrative code changes, contract changes, and Department or GIB recommendations.
18. Works with the Department and other state agencies to communicate benefits through bulletins, brochures, benefits fairs, e-mail, web sites and other appropriate channels.
19. Prints and delivers enrollment applications (approximately 35,000 per year), evidence of insurability applications (approximately 15,000 per year) and brochures (approximately 30,000 per year) and other selected forms for the program.
20. Provides local employers with on-line access to their employee’s insurance information. Provides authorized Department staff with on-line access to all employee coverage records.
21. Maintains a Madison claims and service office. (Note: The GIB has historically preferred a local Madison claims and service office. However, the Insurer is not required to establish such an office in order to submit a proposal.)
22. Provides hardware and software necessary for it’s staff to access WEBS (Wisconsin Employee Benefits System) records, ETF imaging system, etc. and ensures that staff are trained to use this system to obtain employment, salary, and related information on insured employees. (See Section I.B.1&2 of this Appendix C.)
23. Makes service calls to participating local governments to keep them informed on plan procedures and to review current questions. Communicates regularly with local employers regarding billing and coverage issues.
24. In consultation with the Department, develops and implements a plan for offering the plan to non-participating local government employers, including visits, mailings, and customized reports to inform the employers of plan features and changes, requirements, and estimated costs.
25. Confers frequently in person or by telephone with the Department to review current questions on program operations, claims, and unusual problems.
26. Insurer provides the following reports to the Department:
27. A monthly report for Life to Health or Long Term Care conversions.
28. An annual Policy Year Report to the GIB. A draft of this report is due to the Department no later than 180 days after the close of the contract year. A sample of this report is provided in Appendix F.
29. Annual recommendations on the next year's premium rates to the Department for its concurrence and then to the GIB for its approval.
30. A quarterly report on performance standards.
31. Actuarial and administrative studies on the feasibility and/or cost of proposed legislative or procedural changes, as requested. Such reports are requested several times per year.

**B. General Administrative Responsibilities – *Department of Employee Trust Funds***

The Department:

1. Maintains all participant and employer records of the Wisconsin Retirement System. These records are accessible as necessary to the Insurer through the following systems:
2. WEBS (Wisconsin Employee Benefits System) is an on-line data system which is maintained by the Department. The operating system, maintained by the Wisconsin Department of Electronic Government (DEG), is IBM’s OS/390 V.2.Rel.6. The Relational Database Management System used is IBM’s DB2 Version 7.1 for OS/390. WEBS contains extensive information on employment and salary history of WRS participating employees and inactives, address information for WRS monthly annuitants, and summary information on WRS participating employers. It does not include individual insurance coverage information.
3. Step2000/Workflow--The Department maintains imaged records for approximately 500,660 current employees, inactives, and annuitants and for over 1,302 current and former participating WRS employers. The participant files contain original insurance applications, beneficiary designations, and other items pertaining to participants' insurance coverage. These files are used by the Department and the Insurer’s staff when a claim arises or the employee retires, changes employers, etc. Final determination of a participant's insurance status often depends on the Department record. The basic workflow system called Step 2000 is used by the Department staff and made available to the Insurer to complete their job duties on-line, respond to member inquiries, and analyze the flow of work in order to improve the service provided to its participants.
4. EOS—The Enterprise Output Solution (EOS) is the on-line annuitant ledger that contains the history of monthly WRS payments.
5. WiSMART—The Wisconsin Management Reporting Tool (WiSMART) is a multi-purpose accounting program maintained by the State Department of Administration and used by the Department for a variety of reasons, including to track and management overpayments.

2. Makes available to the Insurer on-line electronic access to the Department’s WEBS (Wisconsin Employee Benefit System), Step 2000/Visual Info (imaging system), WiSMART (Wisconsin Accounts Receivable). This access will be through the Wisconsin Department of Administration (DOA) mainframe located in Madison, Wisconsin. The operation of this access is subject to the standards of DOA. A Trusted Partnership Computer Agreement may be necessary. Access will be through, at a minimum, a T-1 connection to the Internet. Connection will be made via Citrix client software using Department/DOA resources.

a. Computers will require the following minimums to be able to access and use these systems:

Pentium processor - minimum 350 Mhz

124 KB RAM (minimum)

Monitor/Video - 21" monitor must support 1600 x 1200 resolution

Printer - sufficient memory to print graphics

Windows XP or above

T-1 or better connection to the Internet

b. PC/operating system must be able to run Citrix client software.

c. The cost for this is approximately $800 per computer and is to be included in the administrative charge.

1. Accepts, validates, and maintains all beneficiary designations and provides proper beneficiary information to the Insurer at time of claim.
2. Deducts premiums from annuities of insured retirees under age 65 and remits to Insurer.
3. In consultation with the Insurer, revises all forms, employer manuals, and brochures as needed. Prints and distributes employer manuals and selected forms.
4. Counsels employees and retirees on their benefits under the group life insurance program.
5. Counsels employers interested in participating in the plan; approves new employers; responds to routine and unusual employer questions about plan provisions and requirements.
6. Acts as staff to the GIB, making recommendations on plan changes, contract amendments, administrative rules, extraordinary plan expenditures, and similar matters.
7. Publishes official notice of premium rates, statutory or contract changes, policy and procedures pertaining to the program via the *Employer Bulletin* a newsletter that is sent to all participating employers. Publishes information for plan participants in its *Trust Fund News*, a newsletter that is send to all WRS participants.
8. Determines application of statute, administrative code, and contract regarding the fact of coverage, whether an employee is entitled to enroll or to continue coverage after termination of employment, and similar matters.
9. Reviews and grants or denies requests from employers for enrollment of employees based on employer error.
10. Administers the appeal process by which interested parties may contest the Department's determinations related to the program. These appeals are ultimately decided by the GIB.
11. Handles collection of premium from State agencies and remits premium via wire transfer to the Insurer.
12. Provides the Insurer with an annual report in electronic format of State employees' insurance coverage. This report is provided to the Insurer for actuarial and statistical purposes.
13. Provides the Insurer with prior-year salary information in electronic format for each employee of the State and of participating local government units. The State file is prepared annually in February and the local government file is prepared in March. The file permits the Insurer to perform most up-dates to local government unit billing and coverage records electronically, and to State agencies who are currently reporting coverage and premium amounts.

**C. Performance Standards and Penalties**

The Insurer will meet or exceed the performance standards found in Article VI Performance Standards and Penalties found in the Wisconsin Public Employers Group Life Insurance Administrative Agreement (See Appendix F—Additional Information).

**II. Future Enhancements**

The changes listed below are seen at this time as necessary or desirable for the efficient operation of the Program and the integration of the Program into the Department's changing information environment. This list of future developments is not exhaustive, nor will every change listed actually occur in the form now envisaged. This list represents the Department's current expectations about the near future.

1. An electronic billing and membership information system for University of Wisconsin and Legislative employees is being developed. Such systems may not be identical to the systems in place for local employees and State payroll processing centers, but must accommodate both the needs of state agency payroll personnel and program requirements for accurate and complete membership and premium payment information. This project it dependent upon payroll systems upgrades which will allow them to report premium and coverage amounts as required by the Department.
2. Provide on-line access for participants to view their coverage and premium information, as well as on-line enrollment for coverage. This may be through the Insurer’s system, in concert with a comprehensive employee benefit system implemented by the Department or through a system implemented by an employer.
3. Assist the Department with implementation of new initiatives introduced through new legislation or contract amendment. Initiatives may include, but not be limited to allowing employees to enroll for coverage immediately upon hire rather than after six month WRS employment; allowing changes in amount of insurance if employee has an eligible change in status; revising employer participation requirements for employers that have multiple union contracts; or other initiatives to support the Department in carrying out functions associated with plan administration.

The information in this appendix provides a description of the funding arrangement currently used for the State and Local Government Plans. It is expected that potential proposers will propose on the funding arrangement. Other funding may be accepted by the GIB, but the current funding arrangement will be the basis of the GIB’s evaluation.

### **I. Stop‑Loss Provision**

A.1 General Description

1. The stop‑loss provision limits the liability of the plan for claims and expense charges in any one policy year.
2. Stop‑loss factors as described below are determined annually based on recent plan experience. The premium rates and stop-loss factors are determined independently for the State and local government plans.
3. The stop‑loss provisions of the State and local government plans are separate for financial experience.

A.2 State Plan

1. Stop‑loss provision applies to:
2. Pre‑retirement insurance for employees.
3. Post‑retirement insurance for employees.
4. Spouse and dependent insurance.

Beginning in 2008, independent calculations are performed for each of these groups. Prior to 2008 the calculation for pre-retirement and post-retirement insurance for employees was performed on a combined basis.

1. The financial agreement includes two tables of age by age stop‑loss factors for employee insurance. These factors are multiplied by the insurance in force at each age to determine the stop‑loss limit. The stop‑loss factors are intended to generate a stop‑loss limit equal to approximately 140% of expected claims for active employees and 120% of expected claims for retirees.
2. The stop‑loss limit for the spouse and dependent insurance plan equals 130% of policy year premium.
3. A loss in a policy year occurs when death claims plus accidental death claims plus pooled claim charges plus living benefit claims plus increase in waiver of premium disability claim reserves during the year plus conversion charges plus company expense and risk charges (excludes State administrative expense) and state premium taxes exceed the stop‑loss limit(s).
4. Such losses are deemed catastrophic and are charged against the Insurer rather than the plan.

### A.3 Local Government Plan

1. Stop‑loss provision applies to:
2. Pre‑retirement insurance for employees.
3. Post‑retirement insurance for employees.
4. Spouse and dependent insurance.

Beginning in 2008, independent calculations are performed for each of these groups. Prior to 2008 the calculation for pre-retirement and post-retirement insurance for employees was performed on a combined basis.

1. The financial agreement includes two tables of age by age stop‑loss factors for employee insurance. These factors are multiplied by the insurance in force at each age to determine the stop‑loss limit. The stop‑loss factors are intended to generate a stop‑loss limit equal to approximately 140% of expected claims for active employees and 120% of expected claims for retirees.
2. The stop‑loss limit for the spouse and dependent insurance plan equals 145% of policy year premium.
3. A loss in a policy year occurs when death claims plus accidental death claims plus pooled claim charges plus living benefit claims plus increase in waiver of premium disability claim reserves during the year plus conversion charges plus company expense and risk charges (excludes State administrative expense) and state premium taxes exceed the stop‑loss limit(s).
4. Such losses are deemed catastrophic and are charged against the Insurer rather than the plan.

### B. Reinsurance Arrangements

B.1 Currently, 2.4% of employee insurance under both the State and local government plans is reinsured through a carrier domiciled in Wisconsin per request of the GIB.

B.2 Both active and retired employee coverage is reinsured including the pooling of large insurance amounts and the stop‑loss arrangement.

B.3 The cost of reinsurance is passed on to the plan in the form of a reinsurance expense charge. The 2008 charge was as follows:

|  |  |  |
| --- | --- | --- |
|  | State | Local |
| Reinsurance Expense Charge | $3,567 | $3,605 |

Since January 1, 2003, The EPIC Life Insurance Company has been the only company participating in the reinsurance:

B.4 Proposing Insurers should indicate the cost of reinsuring 2.4% of the employee coverage including the stop‑loss provision for the contract commencing on January 1, 2011.

B.5 The decision of whether or not to require reinsurance will be made by the GIB independent of this rebidding process.

B.6 There is no reinsurance on the spouse and dependent plans.

### 

### C.1 State Plan Stop‑Loss Experience

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Employees** | | **Spouses and Dependents** | |
| Policy | **Stop-Loss** | | **Stop-Loss** | |
| Year | **Limit** | **Charges** | **Limit** | **Charges** |
| 1999 | $23,269,341 | $20,072,884 | $1,137,393 | $1,210,4111 |
| 2000 | 25,208,914 | 17,704,574 | 1,201,825 | 949,575 |
| 2001 | 27,449,699 | 19,820,850 | 1,483,490 | 1,054,609 |
| 2002 | 30,006,468 | 21,257,049 | 1,592,355 | 920,734 |
| 2003 | 29,570,788 | 25,509,041 | 1,629,598 | 1,404,310 |
| 2004 | 29,994,172 | 23,018,330 | 1,395,195 | 1,232,916 |
| 2005 | 30,466,787 | 26,555,852 | 1,342,692 | 1,081,098 |
| 2006 | 32,268,284 | 28,596,452 | 1,324,828 | 1,016,004 |
| 2007 | 34,574,402 | 28,548,443 | 1,334,807 | 1,120,649 |
| 2008 (Active)2 | 23,413,703 | 12,912,940 | 1,350,109 | 1,246,672 |
| 2008 (Retiree)2 | 15,687,799 | 13,059,245 | N/A | N/A |

11999 charges plus additional 1999 claims reported in 2000 resulted in total catastrophic loss credits to the plan of $114,902.

2Refer to Section I, Part A.2.a. of this Appendix D.

##### C.2 Local Government Plan Stop-Loss Experience

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Employees** | | **Spouses and Dependents** | |
| Policy | **Stop-Loss** | | **Stop-Loss** | |
| Year | **Limit** | **Charges** | **Limit** | **Charges** |
| 1999 | $15,365,213 | $13,426,374 | $2,405,074 | $1,541,551 |
| 2000 | 16,917,151 | 14,296,290 | 2,104,658 | 1,720,446 |
| 2001 | 18,457,598 | 16,890,781 | 1,734,168 | 1,591,457 |
| 2002 | 20,578,176 | 17,873,698 | 1,797,526 | 1,532,528 |
| 2003 | 22,555,431 | 20,675,708 | 2,103,617 | 1,440,412 |
| 2004 | 23,928,967 | 19,051,906 | 2,119,622 | 1,263,482 |
| 2005 | 25,587,763 | 18,113,341 | 2,150,804 | 1,528,906 |
| 2006 | 27,509,015 | 22,715,714 | 2,163,892 | 1,437.645 |
| 2007 | 30,050,557 | 24,095,311 | 2,071,186 | 1,789,529 |
| 2008 (Active)1 | 22,433,342 | 14,859,192 | 1,938,804 | 1,676,844 |
| 2008 (Retiree)1 | 11,769,835 | 9,945,410 | N/A | N/A |

1 Refer to Section I, Part A.3.a. of this Appendix D.

**II. Post‑Retirement Insurance**

A. State Plan

A.1 No premiums are collected from the employee after the insurance reduction age. Deposits accumulated under the plan from total premium contributions for employees under the insurance reduction age are the source of funds for continuing insurance on a term basis after the insurance reduction age.

A.2 The post‑retirement fund is accumulated under the following funding goals:

1. The funding of the post‑retirement insurance should be on a current basis for each generation of employees. Past service liabilities which arose from initiating the plan and from a change in the post‑retirement insurance should be amortized over a reasonable period of time by margins in future contributions.
2. The present value of post‑retirement insurance for retired lives should be funded as soon as possible and should be maintained at a fully funded level (this goal has already been met).

A.3 The determination of the employee and employer premium contributions for pre‑retirement insurance is based on separate calculations for the State and local government plans that take into account the funding goals.

A.4 These calculations involve assumptions of growth of the employee groups, salary increases, employee turnover and assumed interest such that the level of employee and employer contributions, subject to the assumptions, will remain constant for many years. Minor corrections may be made on the basis of actual experience.

A.5 The post‑retirement funds are held by the Insurer, but the funds are fully vested with the State and all interest credits on the funds accrue to the State.

A.6 The sufficiency of the funds to maintain the post‑retirement insurance is the responsibility of the GIB. The Insurer does not guarantee the sufficiency of the funds nor their rate of accumulation.

B. Local Government Plan

Separate post‑retirement funds for the local government plan are established in the same manner as the State post‑retirement funds.

**III. Experience Rating Basis**

A. General Description

A.1 Premium rates are established annually by the GIB. The Insurer makes recommendations based on recent claims experience of the plan.

A.2 The premium rates are established independently for the State and local government plans.

A.3 Under the State plan, the State contributes toward the cost of current year term insurance on the basic and supplemental coverages. The employee premium rates for these two coverages are equal. Premium rates for additional insurance are established separately based on experience of that coverage. Employees pay the entire premiums.

A.4 Under the local government plan, employers are not required to contribute toward the cost of current year term insurance on any coverage. Employee premium rates for all three coverages are equal at all ages under 70.

B. State Plan

B.1 The basic, supplemental and additional plans are combined for experience rating.

B.2 Currently, the annual experience accounting is performed separately for the pre‑retirement insurance and for the post‑retirement insurance. All employee premium contributions and a portion of the employer premium contributions are intended to cover the cost of pre‑retirement insurance. The remainder of the employer premium contributions is intended to fund the future cost of post‑retirement insurance.

1. For the pre‑retirement insurance, active employee premium contributions are cleared immediately as premium. The portion of employer contributions intended to cover the cost of pre-retirement insurance are cleared immediately as premium as well. Premium contributions are reduced by death, disability, living benefit and accidental death claims, pooled claim charges, conversion charges, company expense and risk charges, State administrative expense, and charges for state premium taxes and federal income taxes. The net amount is increased by current year interest credits. The balance remaining is added to a stabilization reserve.
2. For the post-retirement insurance, annuitant premium contributions are cleared immediately as premium. Employer contributions which are intended to fund the cost of post‑retirement insurance are deposited immediately in the funds held for post‑retirement insurance. Annuitant premium contributions are reduced by post-retirement death and living benefit claims, pooled claims charges, company expense and risk charges, and state and federal premium taxes. The net amount is increased by current year interest credits. Additional premium is needed to cover the negative balance that results from this calculation. The contingent liability reserve is decreased by this additional required premium and is increased by the interest credited to the fund.

B.3 The claim liability of the plan is limited by pooling insurance amounts in excess of the specified pooling level. The pooling level for life insurance is $500,000. The pooling level for accidental death and dismemberment insurance is $500,000. Appendix E includes the pooled volume as of December 31, 2009.

B.4 The stop‑loss provision described in Appendix D Section I, Part A.2 places an aggregate limit on claim charges.

B.5 The spouse and dependent plan is separate for experience rating.

1. Premiums are reduced by death and living benefit claims, conversion charges, expense and risk charges, state administrative expenses, and charges for state premium taxes and federal income taxes. The total is increased by current year interest credits. The balance remaining is added to a stabilization reserve.
2. The stop‑loss provision described in Appendix D, Section I, Part A.2 places an aggregate limit on claim charges.

C. Local Government Plan

C.1. The local government plan is completely separate from the State plan for financial experience.

C.2 The basic, supplemental and additional plans are combined for experience rating.

C.3 Currently, the annual experience accounting is performed separately for the pre‑retirement insurance and for the post‑retirement insurance. All employee premium contributions are intended to cover the cost of pre‑retirement insurance. Employer premium contributions are intended to fund the future cost of post‑retirement insurance. (Some local government Employers may pay all or a portion of the employee premium contributions. These payments are handled the same as employee contributions.)

1. For the pre‑retirement insurance, active employee premium contributions are cleared immediately as premium.

Active employee premium contributions are reduced by death, disability, living benefit and accidental death claims, pooled claim charges, conversion charges, company expense and risk charges, state administrative expenses, and charges for state premium taxes and federal income taxes. The net amount is increased by current year interest credits. The balance remaining is added to a stabilization reserve.

1. For the post-retirement insurance, annuitant premium contributions are cleared immediately as premium. Employer contributions which are intended to fund the cost of post‑retirement insurance are deposited immediately in the funds held for post‑retirement insurance. Annuitant premium contributions are reduced by the post‑retirement death and living benefit claims, pooled claim charges, company expense and risk charges, and state and federal premium taxes. The net amount is increased by current year interest credits. Additional premium is needed to cover the negative balance that results from this calculation. The contingent liability reserve is decreased by this additional required premium and is increased by the interest credited to the fund.
2. This plan is subject to potential anti-selection and volatility as new Employers enter the plan and provide initial guaranteed enrollment to employees.

C.4 The claim liability of the plan is limited by pooling insurance amounts in excess of the specified pooling level. The pooling level for life insurance is $500,000. The pooling level for accidental death and dismemberment insurance is $500,000. Appendix F includes the pooled volume as of December 31, 2009.

C.5 The stop‑loss provision described in Appendix D, Section I, Part A.3 places an aggregate limit on claim charges.

C.6 The spouse and dependent plan is separate for experience rating.

1. Premiums are reduced by death and living benefit claims, conversion charges, expense and risk charges, state administrative expenses, and charges for state premium taxes and federal income taxes. The total is increased by current year interest credits. The balance remaining is added to a stabilization reserve.
2. The stop‑loss provision described in Appendix D, Section I, Part A.3 places an aggregate limit on claim charges.
3. This plan is subject to potential anti-selection and volatility as new Employers enter the plan and provide initial guaranteed enrollment to employees.

**IV. Disability Claim Reserves**

A. Purpose

A.1 Premiums are waived for disabled employees satisfying the policy's definition of total disability. (See Section 6 of policy.)

The full amount of insurance is maintained for a continuously disabled employee until the insurance reduction age, which is the later of the 65th birthday or termination of employment but in no event beyond the 70th birthday.

A.2 The Insurer is liable for payment of death benefits for disabled employees. If a local government employer leaves the plan, the disabled employees of that employer remain with the plan.

A.3 The Insurer establishes and holds disability claims reserves.

B. Reserve Determination

B.1 The Reserve is calculated annually based upon a table of reserve factors as specified in agreement with the Insurer.

B.2 If a disabled employee recovers, the claim reserve for that employee is released and credited to the plan.

B.3 If a disabled employee dies, the reserve is released and credited to the plan, and the amount of the death claim is charged to the plan.

B.4 Reserves are released and credited to the plan for all disabled employees who reach the insurance reduction age. At that time, the employees are assumed to retire, the normal insurance reduction schedule is implemented, and the responsibility for future claim liability is shifted to the contingent liability reserve and premium deposit fund.

C. The total disability claim reserves held at the ends of recent years have been:

|  |  |  |
| --- | --- | --- |
| **Policy Year** | **State Plan** | **Local Government Plan** |
| 2006 | $19,910,412 | $15,823,671 |
| 2007 | 20,958,083 | 17,151,148 |
| 2008 | 22,791,938 | 17,729,504 |

**V. Premium Contributions**

A. State Plan

A.1 Historically, employee premium rates have been intended to pay the full cost of current year insurance under the additional coverage, and to pay a portion of the cost of current year insurance under the basic and supplemental coverages. The State premium contributions have been intended to accumulate the funds for future post-retirement insurance under the basic coverage and to pay the remaining portion of current year cost for basic and supplemental coverages. Employee premium rates for basic and supplemental insurance coverages are the same. The additional rates are higher due to the employee paying the entire cost without a State contribution.

A.2 Premium rates for basic, supplemental and additional insurance coverages are shown in the following tables. In the tables for basic and supplemental coverages, there are two columns of rates:

*Employee* ‑ These are the premium rates paid by employees.

*Total* ‑ These rates are the total of the employee and employer premium contributions.

The tables also show the employer premium contribution rates expressed as percentages of the employee premium rates. You will observe that the "Total" rates are equal to the "employee" rates increased by the percentages shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **STATE PLAN**  **MONTHLY PREMIUMS PER $1,000 OF INSURANCE** | | | | | | | | | | | | | |
|  |  | Mar. 05 - Feb. 06 | | Mar. 06 - Feb. 07 | | Mar. 07 - Feb. 08 | | Mar. 08 - Feb.09 | | Mar. 09 - Feb. 10 | | Proposed  Mar. 10 – Feb. 11 | |
| **Attained Age** | | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** |
|  | Under 30 | $0.05 | $0.0815 | $0.05 | $0.0815 | $0.05 | $0.0815 | $0.05 | $0.0815 | $0.05 | $0.0815 | $0.05 | $0.0815 |
|  | 30 - 34 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 |
|  | 35 - 39 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 | 0.05 | 0.0815 |
| **BASIC** | 40 - 44 | 0.07 | 0.1141 | 0.07 | 0.1141 | 0.07 | 0.1141 | 0.07 | 0.1141 | 0.07 | 0.1141 | 0.07 | 0.1141 |
|  | 45 - 49 | 0.11 | 0.1793 | 0.11 | 0.1793 | 0.11 | 0.1793 | 0.11 | 0.1793 | 0.11 | 0.1793 | 0.11 | 0.1793 |
|  | 50 - 54 | 0.18 | 0.2934 | 0.18 | 0.2934 | 0.18 | 0.2934 | 0.18 | 0.2934 | 0.18 | 0.2934 | 0.18 | 0.2934 |
|  | 55 - 59 | 0.28 | 0.4564 | 0.28 | 0.4564 | 0.28 | 0.4564 | 0.28 | 0.4564 | 0.28 | 0.4564 | 0.28 | 0.4564 |
|  | 60 - 64 | 0.38 | 0.6194 | 0.38 | 0.6194 | 0.38 | 0.6194 | 0.38 | 0.6194 | 0.38 | 0.6194 | 0.38 | 0.6194 |
|  | 65 - 69 | 0.50 | 0.8150 | 0.50 | 0.8150 | 0.50 | 0.8150 | 0.50 | 0.8150 | 0.50 | 0.8150 | 0.50 | 0.8150 |
| Employer Premium as Percent of Employee Premium | |  | 63% |  | 63% |  | 63% |  | 63% |  | 63% |  | 63% |
|  |  |  | |  | |  | |  | |  | |  | |
|  |  | Mar. 05 - Feb. 06 | | Mar. 06 - Feb. 07 | | Mar. 07 - Feb. 08 | | Mar. 08 - Feb.09 | | Mar. 09 - Feb. 10 | | Proposed  Mar. 10 – Feb. 11 | |
| **Attained Age** | | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** | **Employee** | **Total** |
|  | Under 30 | $0.05 | $0.0675 | $0.05 | $0.0675 | $0.05 | $0.0675 | $0.05 | $0.0675 | $0.05 | $0.0675 | $0.05 | $0.0675 |
|  | 30 - 34 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 |
|  | 35 - 39 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 | 0.05 | 0.0675 |
| **SUPPLEMENTAL** | 40 - 44 | 0.07 | 0.0945 | 0.07 | 0.0945 | 0.07 | 0.0945 | 0.07 | 0.0945 | 0.07 | 0.0945 | 0.07 | 0.0945 |
|  | 45 - 49 | 0.11 | 0.1485 | 0.11 | 0.1485 | 0.11 | 0.1485 | 0.11 | 0.1485 | 0.11 | 0.1485 | 0.11 | 0.1485 |
|  | 50 - 54 | 0.18 | 0.2430 | 0.18 | 0.2430 | 0.18 | 0.2430 | 0.18 | 0.2430 | 0.18 | 0.2430 | 0.18 | 0.2430 |
|  | 55 - 59 | 0.28 | 0.3780 | 0.28 | 0.3780 | 0.28 | 0.3780 | 0.28 | 0.3780 | 0.28 | 0.3780 | 0.28 | 0.3780 |
|  | 60 - 64 | 0.38 | 0.5130 | 0.38 | 0.5130 | 0.38 | 0.5130 | 0.38 | 0.5130 | 0.38 | 0.5130 | 0.38 | 0.5130 |
|  | 65 - 69 | 0.50 | 0.6750 | 0.50 | 0.6750 | 0.50 | 0.6750 | 0.50 | 0.6750 | 0.50 | 0.6750 | 0.50 | 0.6750 |
| Employer Premium as Percent of Employee Premium | |  | 35% |  | 35% |  | 35% |  | 35% |  | 35% |  | 35% |

NOTE: Only the employee share of premiums is collected from annuitants. The employer does not pay a premium contribution for annuitants.

**STATE PLAN**

**MONTHLY PREMIUMS PER $1,000 OF INSURANCE**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | Mar. 05 - Feb. 06 | Mar. 06 - Feb. 07 | Mar. 07 - Feb. 08 | Mar. 08 - Feb. 09 | Mar. 09 - Feb. 10 | Proposed  Mar. 10 – Feb. 11 |
| **Attained Age** | | | **Employee** | **Employee** | **Employee** | **Employee** | **Employee** | **Employee** |
|  | Under 30 | | $0.06 | $0.06 | $0.06 | $0.07 | $0.07 | $0.07 |
|  | 30 - 34 | | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 |
|  | 35 - 39 | | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 |
| **ADDITIONAL**(1) | 40 - 44 | | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 |
|  | 45 - 49 | | 0.15 | 0.15 | 0.15 | 0.17 | 0.17 | 0.17 |
|  | 50 - 54 | | 0.24 | 0.24 | 0.24 | 0.27 | 0.27 | 0.27 |
|  | 55 - 59 | | 0.38 | 0.38 | 0.38 | 0.42 | 0.42 | 0.42 |
|  | 60 - 64 | | 0.51 | 0.51 | 0.51 | 0.57 | 0.57 | 0.57 |
|  | 65 - 69 | | 0.68 | 0.68 | 0.68 | 0.75 | 0.75 | 0.75 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Rates at Ages 70 and Over** | | | | | | | |
|  | Mar. 08 –  Feb. 09 | Mar. 09 –  Feb. 10 | Proposed March 2010 |  | Mar. 08 –  Feb. 09 | Mar. 09 –  Feb. 10 | Proposed  Mar. 10 – Feb. 11 |
| **Attained Age** | **Employee** | **Employee** | **Employee** | **Attained Age** | **Employee** | **Employee** | **Employee** |
| **70**  **71**  **72**  **73**  **74**  **75**  **76**  **77**  **78**  **79** | $1.00  1.15  1.25  1.45  1.60  1.80  1.95  2.15  2.45  2.75 | $1.00  1.15  1.25  1.45  1.60  1.80  1.95  2.15  2.45  2.75 | $1.00  1.15  1.25  1.45  1.60  1.80  1.95  2.15  2.45  2.75 | **80**  **81**  **82**  **83**  **84**  **85**  **86**  **87**  **88**  **89** | $3.10  3.40  3.70  4.10  4.50  4.90  5.30  5.70  6.35  7.00 | $3.10  3.40  3.70  4.10  4.50  4.90  5.30  5.70  6.35  7.00 | $3.10  3.40  3.70  4.10  4.50  4.90  5.30  5.70  6.35  7.00 |

(1) Employees pay the entire premium for additional insurance.

B. Local Government Plan

B.1 Generally, employees pay the full cost for basic, supplemental, and additional coverages, and the premium rates for these covereages are equal. Employer contributions are intended to cover future retiree claims.

B.2 Premium rates for basic, supplemental and additional insurance coverages are shown in the tables at the end of the section in the same format used for the State plan rate tables.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Jul. 07 – Jun. 08 | | | Jul. 08 – Jun. 09 | | | Jul. 09 – Jun. 10 | | | Jul. 10 – Jun. 11 | | |
| **Attained Age** | | **Employee** | **Total (1)** | | **Employee** | **Total (1)** | | **Employee** | **Total (1)** | | **Employee** | Total (1) | |
|  | Under 30 | $0.05 | $0.060 | $0.084 | $0.05 | $0.060 | $0.084 | $0.05 | $0.060 | $0.084 | $0.05 | $0.060 | $0.084 |
|  | 30 - 34 | 0.06 | 0.072 | 0.101 | 0.06 | 0.072 | 0.101 | 0.06 | 0.072 | 0.101 | 0.06 | 0.072 | 0.101 |
|  | 35 - 39 | 0.07 | 0.084 | 0.118 | 0.07 | 0.084 | 0.118 | 0.07 | 0.084 | 0.118 | 0.07 | 0.084 | 0.118 |
| **BASIC**(1) | 40 - 44 | 0.09 | 0.108 | 0.151 | 0.09 | 0.108 | 0.151 | 0.09 | 0.108 | 0.151 | 0.09 | 0.108 | 0.151 |
|  | 45 - 49 | 0.15 | 0.180 | 0.252 | 0.15 | 0.180 | 0.252 | 0.15 | 0.180 | 0.252 | 0.15 | 0.180 | 0.252 |
|  | 50 - 54 | 0.29 | 0.348 | 0.487 | 0.27 | 0.324 | 0.454 | 0.27 | 0.324 | 0.454 | 0.23 | 0.276 | 0.386 |
|  | 55 - 59 | 0.47 | 0.564 | 0.790 | 0.44 | 0.528 | 0.739 | 0.44 | 0.528 | 0.739 | 0.43 | 0.516 | 0.722 |
|  | 60 - 64 | 0.53 | 0.636 | 0.890 | 0.53 | 0.636 | 0.890 | 0.53 | 0.636 | 0.890 | 0.53 | 0.636 | 0.890 |
|  | 65 - 69 | 0.60 | 0.654 | 0.713 | 0.60 | 0.654 | 0.713 | 0.60 | 0.654 | 0.713 | 0.60 | 0.654 | 0.713 |
| Employer Premium as Percent of Employee Premium | |  | 20% | 40% |  | 20% | 40% |  | 20% | 40% |  | 20% | 40% |
|  |  |  |  | |  |  | |  |  | |  |  | |
|  |  | Jul. 07 – Jun. 08 | | | Jul. 08 – Jun. 09 | | | Jul. 09 – Jun. 10 | | | Jul. 10 – Jun. 11 | | |
| **Attained Age** | | **Employee** | **Total (1)** | | **Employee** | **Total (1)** | | **Employee** | **Total (1)** | | **Employee** | Total (1) | |
| **SUPPLEMENTAL** | Under 30 | $0.05 | $0.05 | | $0.05 | $0.05 | | $0.05 | $0.05 | | $0.05 | $0.05 | |
| 30 - 34 | 0.06 | 0.06 | | 0.06 | 0.06 | | 0.06 | 0.06 | | 0.06 | 0.06 | |
| 35 - 39 | 0.07 | 0.07 | | 0.07 | 0.07 | | 0.07 | 0.07 | | 0.07 | 0.07 | |
| 40 - 44 | 0.09 | 0.09 | | 0.09 | 0.09 | | 0.09 | 0.09 | | 0.09 | 0.09 | |
| 45 - 49 | 0.15 | 0.15 | | 0.15 | 0.15 | | 0.15 | 0.15 | | 0.15 | 0.15 | |
| 50 - 54 | 0.29 | 0.29 | | 0.27 | 0.27 | | 0.27 | 0.27 | | 0.23 | 0.23 | |
| 55 - 59 | 0.47 | 0.47 | | 0.44 | 0.44 | | 0.44 | 0.44 | | 0.43 | 0.43 | |
| 60 - 64 | 0.53 | 0.53 | | 0.53 | 0.53 | | 0.53 | 0.53 | | 0.53 | 0.53 | |
| 65 - 69 | 0.60 | 0.60 | | 0.60 | 0.60 | | 0.60 | 0.60 | | 0.60 | 0.60 | |
| Employer Premium as Percent of Employee Premium | |  | 0% | |  | 0% | |  | 0% | |  | 0% | |

(1) The two “Total” columns for basic insurance represent the rates for the 25% post-retirement benefit and for the 50% post-retirement benefit, respectively.

NOTE: Only the employee share of premiums is collected from annuitants. The employer does not pay a premium contribution for annuitants.

**LOCAL GOVERNMENT PLAN**

**MONTHLY PREMIUMS PER $1,000 OF INSURANCE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | Jul. 06 – Jun. 07 | Jul. 07 – Jun. 08 | Jul. 08 – Jun. 09 | Jul. 09 – Jun. 10 | Jul. 10 – Jun. 11 |
| **Attained Age** | | | **Employee** | **Employee** | **Employee** | **Employee** | **Employee** |
|  | Under 30 | | $0.05 | $0.05 | $0.05 | $0.05 | $0.05 |
|  | 30 – 34 | | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
|  | 35 - 39 | | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| **ADDITIONAL**(1) | 40 - 44 | | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
|  | 45 - 49 | | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
|  | 50 - 54 | | 0.29 | 0.29 | 0.27 | 0.27 | 0.23 |
|  | 55 - 59 | | 0.47 | 0.47 | 0.44 | 0.44 | 0.43 |
|  | 60 - 64 | | 0.53 | 0.53 | 0.53 | 0.53 | 0.53 |
|  | 65 - 69 | | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Rates at Ages 70 and Over** | | | | | | | |
|  | Jul. 08 – Jun. 09 | Jul. 09 – Jun. 10 | Jul. 10 – Jun. 11 |  | Jul. 08 – Jun. 09 | Jul. 09 – Jun. 10 | Jul. 10 – Jun. 11 |
| **Attained Age** | **Employee** | | | **Attained Age** | **Employee** | | |
| **70** | $1.00 | $1.00 | $1.00 | **80** | $3.10 | $3.10 | $3.10 |
| **71** | 1.15 | 1.15 | 1.15 | **81** | 3.40 | 3.40 | 3.40 |
| **72** | 1.25 | 1.25 | 1.25 | **82** | 3.70 | 3.70 | 3.70 |
| **73** | 1.45 | 1.45 | 1.45 | **83** | 4.10 | 4.10 | 4.10 |
| **74** | 1.60 | 1.60 | 1.60 | **84** | 4.50 | 4.50 | 4.50 |
| **75** | 1.80 | 1.80 | 1.80 | **85** | 4.90 | 4.90 | 4.90 |
| **76** | 1.95 | 1.95 | 1.95 | **86** | 5.30 | 5.30 | 5.30 |
| **77** | 2.15 | 2.15 | 2.15 | **87** | 5.70 | 5.70 | 5.70 |
| **78** | 2.45 | 2.45 | 2.45 | **88** | 6.35 | 6.35 | 6.35 |
| **79** | 2.75 | 2.75 | 2.75 | **89** | 7.00 | 7.00 | 7.00 |

(1) Employees pay the entire premium for additional insurance.

**VI. Termination Provisions**

A. Liabilities Retained by Insurer

A.1 The Insurer retains liability for life insurance for all retired employees beyond the retirement benefit age on date of termination.

A.2 The Insurer retains liability for life insurance for all disabled employees under retirement benefit age on date of termination. This liability includes the post‑retirement benefit on basic insurance coverage.

B. Allocation of Plan Reserves

B.1 Post‑retirement reserves for employee insurance, stabilization reserves for employee insurance, and stabilization reserves for spouse and dependent insurance are combined.

B.2 The Insurer retains sufficient reserves to fund retained liabilities described in item A above.

B.3 Remaining unallocated reserve is repaid to the GIB in installments as described in item D below.

C. Experience Accounting for Retained Reserves

C.1 The GIB and the Insurer will agree upon one of the following bases for determining the actuarial assumptions for retained reserves:

a. Assumptions agreed upon by the GIB, the GIB's independent actuary and the Insurer.

b. Assumptions determined by the Insurer.

C.2 Experience among retired and disabled employees will be analyzed annually, including claims, expense charges, interest credits and charges, and changes in required reserves.

C.3 If credits exceed charges, the excess will be paid to the GIB as a dividend.

C.4 If charges exceed credits:

a. If actuarial assumptions were agreed upon by the GIB, the GIB's independent actuary and the Insurer, then the GIB will pay the excess to the Insurer as a premium.

b. If the Insurer determined the actuarial assumptions, then the excess will be carried forward with interest as a deficit to be recovered in future years.

D. Distribution of Unallocated Reserve

D.1 Unallocated reserve will be paid to the GIB in 84 monthly payments plus a final payment.

D.2 Each monthly payment will reflect investment cash flow including principal and interest payments.

**I. State Plan for Active and Retired Employees, Spouses and Dependents**

A.1 Basic Insurance on active employees as of December 31, 2009:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Amount of Insurance** | | | |  | | **Amount of Insurance** | |
| **Attained** | | **(000's omitted)** | | | | **Attained** | | **(000's omitted)** | |
| **Age** | | **Males Females** | | | | **Age** | | **Males Females** | |
| 17 | | - | | - | | 44 | 37,434 | | 35,347 |
| 18 | | - | | - | | 45 | 38,686 | | 37,315 |
| 19 | | 62 | | 27 | | 46 | 41,213 | | 40,664 |
| 20 | | 355 | | 415 | | 47 | 43,817 | | 41,031 |
| 21 | | 936 | | 757 | | 48 | 43,085 | | 43,828 |
| 22 | | 1,722 | | 1,603 | | 49 | 44,878 | | 49,729 |
| 23 | | 2,100 | | 4,949 | | 50 | 51,175 | | 51,358 |
| 24 | | 4,732 | | 9,387 | | 51 | 51,399 | | 45,403 |
| 25 | | 6,304 | | 11,481 | | 52 | 51,842 | | 52,790 |
| 26 | | 9,168 | | 13,500 | | 53 | 50,331 | | 49,103 |
| 27 | | 9,996 | | 16,532 | | 54 | 54,566 | | 53,899 |
| 28 | | 11,524 | | 17,922 | | 55 | 58,479 | | 56,589 |
| 29 | | 13,868 | | 19,464 | | 56 | 53,933 | | 49,875 |
| 30 | | 15,187 | | 21,710 | | 57 | 55,568 | | 48,400 |
| 31 | | 17,751 | | 24,542 | | 58 | 55,244 | | 47,952 |
| 32 | | 19,908 | | 23,803 | | 59 | 49,001 | | 39,234 |
| 33 | | 20,086 | | 24,940 | | 60 | 41,866 | | 33,968 |
| 34 | | 21,413 | | 25,759 | | 61 | 39,613 | | 30,724 |
| 35 | | 23,829 | | 26,150 | | 62 | 39,092 | | 23,154 |
| 36 | | 25,707 | | 27,078 | | 63 | 29,780 | | 17,671 |
| 37 | | 25,697 | | 26,085 | | 64 | 19,728 | | 13,171 |
| 38 | | 33,670 | | 30,201 | | 65 | 17,222 | | 8,079 |
| 39 | | 36,753 | | 34,039 | | 66 | 12,882 | | 5,386 |
| 40 | | 35,279 | | 33,479 | | 67 | 9,711 | | 3,923 |
| 41 | | 37,079 | | 32,170 | | 68 | 5,283 | | 2,480 |
| 42 | | 38,317 | | 33,631 | | 69 | 4,198 | | 2,736 |
| 43 | | 36,424 | | 31,227 | |  |  | |  |
| **TOTALS** |  | |  | |  | | | **$1,447,893** | **$1,374,660** |

A.2 Supplemental Insurance on active employees as of December 31, 2009:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | | **Attained Age** | **Amount of Insurance** | |
| **(000's omitted)** | | **(000's omitted)** | |
| **Males** | **Females** | **Males** | **Females** |
| 17 | - | - | 44 | 29,026 | 25,034 |
| 18 | - | - | 45 | 30,973 | 26,721 |
| 19 | 62 | 27 | 46 | 32,176 | 29,541 |
| 20 | 185 | 308 | 47 | 34,999 | 31,342 |
| 21 | 470 | 462 | 48 | 33,808 | 31,446 |
| 22 | 1,148 | 944 | 49 | 35,798 | 36,003 |
| 23 | 1,179 | 2,743 | 50 | 41,360 | 37,991 |
| 24 | 3,049 | 4,905 | 51 | 42,496 | 33,533 |
| 25 | 3,579 | 6,488 | 52 | 42,358 | 39,380 |
| 26 | 5,397 | 6,720 | 53 | 41,588 | 34,890 |
| 27 | 5,744 | 9,258 | 54 | 44,315 | 40,492 |
| 28 | 6,862 | 9,779 | 55 | 48,029 | 41,833 |
| 29 | 8,865 | 12,053 | 56 | 44,397 | 35,284 |
| 30 | 9,893 | 13,757 | 57 | 43,628 | 35,590 |
| 31 | 11,529 | 15,502 | 58 | 42,723 | 35,241 |
| 32 | 13,700 | 15,601 | 59 | 39,093 | 27,012 |
| 33 | 14,188 | 16,832 | 60 | 32,382 | 22,276 |
| 34 | 15,766 | 18,050 | 61 | 30,120 | 19,900 |
| 35 | 16,968 | 17,932 | 62 | 31,527 | 14,558 |
| 36 | 18,533 | 19,142 | 63 | 23,137 | 10,896 |
| 37 | 19,198 | 18,408 | 64 | 16,091 | 7,634 |
| 38 | 26,182 | 22,499 | 65 | 13,108 | 4,337 |
| 39 | 29,043 | 25,191 | 66 | 9,746 | 3,001 |
| 40 | 27,857 | 23,950 | 67 | 7,326 | 1,891 |
| 41 | 29,262 | 23,066 | 68 | 4,262 | 1,411 |
| 42 | 28,960 | 23,902 | 69 | 3,439 | 1927 |
| 43 | 28,241 | 22,589 |  |  |  |
| **TOTALS** | | | | **$1,123,765** | **$959,272** |

A.3

a. Additional Insurance on active employees as of December 31, 2009:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | | **Attained Age** | **Amount of Insurance** | |
| **(000's omitted)** | | **(000's omitted)** | |
| **Males** | **Females** | **Males** | **Females** |
| 17 | - | - | 44 | 55,823 | 44,340 |
| 18 | - | - | 45 | 55,251 | 46,226 |
| 19 | 186 | 81 | 46 | 57,672 | 48,127 |
| 20 | 346 | 445 | 47 | 55,761 | 48,551 |
| 21 | 878 | 872 | 48 | 54,876 | 45,543 |
| 22 | 2,509 | 1,490 | 49 | 59,739 | 48,159 |
| 23 | 2,072 | 3,645 | 50 | 59,045 | 53,693 |
| 24 | 5,877 | 7,541 | 51 | 58,982 | 47,480 |
| 25 | 5,886 | 9,481 | 52 | 57,165 | 45,957 |
| 26 | 10,750 | 9,873 | 53 | 52,919 | 39,386 |
| 27 | 11,097 | 13,019 | 54 | 53,084 | 43,389 |
| 28 | 12,882 | 15,709 | 55 | 55,330 | 41,924 |
| 29 | 16,225 | 18,571 | 56 | 48,821 | 34,443 |
| 30 | 19,355 | 22,432 | 57 | 47,269 | 30,525 |
| 31 | 22,483 | 27,025 | 58 | 44,719 | 29,074 |
| 32 | 26,894 | 26,642 | 59 | 35,036 | 22,086 |
| 33 | 24,922 | 29,785 | 60 | 31,479 | 16,933 |
| 34 | 28,445 | 31,949 | 61 | 29,009 | 14,729 |
| 35 | 33,837 | 33,342 | 62 | 25,132 | 8,599 |
| 36 | 37,259 | 35,849 | 63 | 22,429 | 8,036 |
| 37 | 36,645 | 33,484 | 64 | 7,947 | 4,915 |
| 38 | 52,770 | 40,053 | 65 | 8,989 | 3,220 |
| 39 | 58,523 | 44,594 | 66 | 6,477 | 1,087 |
| 40 | 52,661 | 42,930 | 67 | 3,821 | 558 |
| 41 | 57,903 | 41,702 | 68 | 2,838 | 736 |
| 42 | 52,536 | 44,327 | 69 | 1,247 | 401 |
| 43 | 54,094 | 41,498 |  |  |  |
| **TOTALS** | | | | **$1,617,895** | **$1,304,456** |

b. Additional Insurance on Lives ages 70 and Over (State Plan Only)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Attained Age** | **VOLUME OF INSURANCE** | | | | **ANNUAL PREMIUM** | |
| **Male** | **Female** | | **Total** |
| 70 | 130 | 0 | 130 | | | 1,560 |
| 71 | 339 | 90 | 429 | | | 5,920 |
| 72 | 76 | 279 | 355 | | | 5,325 |
| 73 | 133 | 132 | 265 | | | 4,611 |
| 74 | 0 | 0 | 0 | | | 0 |
| 75 | 0 | 50 | 50 | | | 1,080 |
| 76 | 0 | 196 | 196 | | | 4,586 |
| 77 | 0 | 0 | 0 | | | 0 |
| 78 | 0 | 11 | 11 | | | 323 |
| 79 | 0 | 0 | 0 | | | 0 |
| 80 | 0 | 0 | 0 | | | 0 |
| **TOTAL** | **678** | **758** | **1,436** | | | **$23,406** |

A.4 Insurance and Premium Summary on active employees as of December 31, 2009:

a. Basic Insurance

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | |
| **(000's omitted)** | | |
| **Males** | **Females** | **Total** |
| Under 30 | 60,767 | 96,037 | 156,804 |
| 30 - 34 | 94,345 | 120,754 | 215,099 |
| 35 - 39 | 145,656 | 143,553 | 289,209 |
| 40 - 44 | 184,533 | 165,854 | 350,387 |
| 45 - 49 | 211,679 | 212,567 | 424,246 |
| 50 - 54 | 259,313 | 252,553 | 511,866 |
| 55 - 59 | 272,225 | 242,050 | 514,275 |
| 60 - 64 | 170,079 | 118,688 | 288,767 |
| 65 - 69 | 49,296 | 22,604 | 71,900 |
| **TOTAL** | **$1,447,893** | **$1,374,660** | **$2,822,553** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL Premium** | | |
| **Employees** | **State** | **Total** |
| Under 30 | 94,082 | 59,272 | 153,354 |
| 30 - 34 | 129,059 | 81,307 | 210,367 |
| 35 - 39 | 173,525 | 109,321 | 282,846 |
| 40 - 44 | 294,325 | 185,425 | 479,750 |
| 45 - 49 | 560,005 | 352,803 | 912,808 |
| 50 - 54 | 1,105,631 | 696,547 | 1,802,178 |
| 55 - 59 | 1,727,964 | 1,088,617 | 2,816,581 |
| 60 - 64 | 1,316,778 | 829,570 | 2,146,347 |
| 65 - 69 | 431,400 | 271,782 | 703,182 |
| **TOTAL** | **$5,832,769** | **$3,674,645** | **$9,507,414** |

b. Supplemental Insurance

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | |
| **(000's omitted)** | | |
| **Males** | **Females** | **Total** |
| Under 30 | 36,540 | 53,687 | 90,227 |
| 30 - 34 | 65,076 | 79,742 | 144,818 |
| 35 - 39 | 109,924 | 103,172 | 213,096 |
| 40 - 44 | 143,346 | 118,541 | 261,887 |
| 45 - 49 | 167,754 | 155,053 | 322,807 |
| 50 - 54 | 212,117 | 186,286 | 398,403 |
| 55 - 59 | 217,870 | 174,960 | 392,830 |
| 60 - 64 | 133,257 | 75,264 | 208,521 |
| 65 - 69 | 37,881 | 12,567 | 50,448 |
| **TOTAL** | **$1,123,765** | **$959,272** | **$2,083,037** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL Premium** | | |
| **Employees** | **State** | **Total** |
| Under 30 | 54,136 | 18,948 | 73,084 |
| 30 - 34 | 86,891 | 30,412 | 117,303 |
| 35 - 39 | 127,858 | 44,750 | 172,608 |
| 40 - 44 | 219,985 | 76,995 | 296,980 |
| 45 - 49 | 426,105 | 149,137 | 575,242 |
| 50 - 54 | 860,550 | 301,193 | 1,161,743 |
| 55 - 59 | 1,319,909 | 461,968 | 1,781,877 |
| 60 - 64 | 950,856 | 332,800 | 1,283,655 |
| 65 - 69 | 302,688 | 105,941 | 408,629 |
| **TOTAL** | **$4,348,978** | **$1,522,142** | **$5,871,120** |

c. Additional Insurance

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | |
| **(000's omitted)** | | |
| **Males** | **Females** | **Total** |
| Under 30 | 68,708 | 80,727 | 149,435 |
| 30 - 34 | 122,099 | 137,833 | 259,932 |
| 35 - 39 | 219,034 | 187,322 | 406,356 |
| 40 - 44 | 273,017 | 214,797 | 487,814 |
| 45 - 49 | 283,299 | 236,606 | 519,905 |
| 50 - 54 | 281,195 | 229,905 | 511,100 |
| 55 - 59 | 231,175 | 158,052 | 389,227 |
| 60 - 64 | 115,996 | 53,212 | 169,208 |
| 65 - 69 | 23,372 | 6,002 | 29,374 |
| **TOTAL** | **$1,617,895** | **$1,304,456** | **$2,922,351** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL Premium** | | |
| **Employees** | **State** | **Total** |
| Under 30 | 125,525 | - | 125,525 |
| 30 - 34 | 249,535 | - | 249,535 |
| 35 - 39 | 390,102 | - | 390,102 |
| 40 - 44 | 585,377 | - | 585,377 |
| 45 - 49 | 1,060,606 | - | 1,060,606 |
| 50 - 54 | 1,655,964 | - | 1,655,964 |
| 55 - 59 | 1,961,704 | - | 1,961,704 |
| 60 - 64 | 1,157,383 | - | 1,157,383 |
| 65 - 69 | 264,366 | - | 264,366 |
| **TOTAL** | **$7,450,562** | **$ -** | **$7,450,562** |

d. Total Employee Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | |
| **(000's omitted)** | | |
| **Males** | **Females** | **Total** |
| Under 30 | 166,015 | 230,451 | 396,466 |
| 30 - 34 | 281,520 | 338,329 | 619,849 |
| 35 - 39 | 474,614 | 434,047 | 908,661 |
| 40 - 44 | 600,896 | 499,192 | 1,100,088 |
| 45 - 49 | 662,732 | 604,226 | 1,266,958 |
| 50 - 54 | 752,625 | 668,744 | 1,421,369 |
| 55 - 59 | 721,270 | 575,062 | 1,296,332 |
| 60 - 64 | 419,332 | 247,164 | 666,496 |
| 65 - 69 | 110,549 | 41,173 | 151,722 |
| **TOTAL** | **$4,189,553** | **$3,638,388** | **$7,827,941** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL Premium** | | |
| **(000's omitted)** | | |
| **Employees** | **State** | **Total** |
| Under 30 | 273,744 | 78,220 | 351,964 |
| 30 - 34 | 465,485 | 111,719 | 577,204 |
| 35 - 39 | 691,485 | 154,071 | 845,556 |
| 40 - 44 | 1,099,687 | 262,420 | 1,362,107 |
| 45 - 49 | 2,046,716 | 501,940 | 2,548,656 |
| 50 - 54 | 3,622,145 | 997,740 | 4,619,885 |
| 55 - 59 | 5,009,577 | 1,550,585 | 6,560,162 |
| 60 - 64 | 3,425,016 | 1,162,369 | 4,587,385 |
| 65 - 69 | 998,454 | 377,723 | 1,376,177 |
| **TOTAL** | **$17,632,309** | **$5,196,787** | **$22,829,096** |

A.5 Basic Insurance on annuitants as of December 31, 2009 (breakdown by sex is unavailable):

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | - |
| 19 | - | 46 | 168 |
| 20 | - | 47 | 121 |
| 21 | - | 48 | 146 |
| 22 | - | 49 | 790 |
| 23 | - | 50 | 1,136 |
| 24 | - | 51 | 815 |
| 25 | - | 52 | 1,413 |
| 26 | - | 53 | 1,719 |
| 27 | - | 54 | 3,779 |
| 28 | - | 55 | 6,234 |
| 29 | - | 56 | 12,723 |
| 30 | - | 57 | 17,969 |
| 31 | - | 58 | 28,449 |
| 32 | - | 59 | 34,045 |
| 33 | - | 60 | 46,766 |
| 34 | - | 61 | 53,015 |
| 35 | - | 62 | 58,633 |
| 36 | - | 63 | 54,779 |
| 37 | - | 64 | 47,789 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | - |  |  |
| **TOTALS** | | | **$370,489** |

A.6 Supplemental Insurance on annuitants as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | - |
| 19 | - | 46 | 87 |
| 20 | - | 47 | 85 |
| 21 | - | 48 | 146 |
| 22 | - | 49 | 734 |
| 23 | - | 50 | 583 |
| 24 | - | 51 | 746 |
| 25 | - | 52 | 1,133 |
| 26 | - | 53 | 1,412 |
| 27 | - | 54 | 3,163 |
| 28 | - | 55 | 4,781 |
| 29 | - | 56 | 9,158 |
| 30 | - | 57 | 12,323 |
| 31 | - | 58 | 19,392 |
| 32 | - | 59 | 23,456 |
| 33 | - | 60 | 31,395 |
| 34 | - | 61 | 35,943 |
| 35 | - | 62 | 39,334 |
| 36 | - | 63 | 35,569 |
| 37 | - | 64 | 29,423 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | - |  |  |
| **TOTALS** | | | **$248,863** |

A.7 Additional Insurance on annuitants as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | - |
| 19 | - | 46 | 173 |
| 20 | - | 47 | 99 |
| 21 | - | 48 | 48 |
| 22 | - | 49 | 707 |
| 23 | - | 50 | 1,131 |
| 24 | - | 51 | 655 |
| 25 | - | 52 | 865 |
| 26 | - | 53 | 1,345 |
| 27 | - | 54 | 2,957 |
| 28 | - | 55 | 3,697 |
| 29 | - | 56 | 6,141 |
| 30 | - | 57 | 8,740 |
| 31 | - | 58 | 13,311 |
| 32 | - | 59 | 15,602 |
| 33 | - | 60 | 19,028 |
| 34 | - | 61 | 21,186 |
| 35 | - | 62 | 18,291 |
| 36 | - | 63 | 19,586 |
| 37 | - | 64 | 14,583 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | - |  |  |
| **TOTALS** | | | **$148,145** |

A.8 Annuitant Insurance and Premium Summary as of December 31, 2009:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | | |
| **(000's omitted)** | | | |
| **Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | - | - | - | - |
| 30 - 34 | - | - | - | - |
| 35 - 39 | - | - | - | - |
| 40 - 44 | - | - | - | - |
| 45 - 49 | 1,225 | 1,052 | 1,027 | 3,304 |
| 50 - 54 | 8,862 | 7,037 | 6,953 | 22,852 |
| 55 - 59 | 99,420 | 69,110 | 47,491 | 216,021 |
| 60 - 64 | 260,982 | 171,664 | 92,674 | 525,320 |
| 65 - 69 | - | - | - | - |
| **TOTAL** | **$370,489** | **$248,863** | **$148,145** | **$767,497** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM (1)** | | | |
| **Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | - | - | - | - |
| 30 - 34 | - | - | - | - |
| 35 - 39 | - | - | - | - |
| 40 - 44 | - | - | - | - |
| 45 - 49 | 1,617 | 1,389 | 2,095 | 5,101 |
| 50 - 54 | 19,142 | 15,200 | 22,528 | 56,870 |
| 55 - 59 | 334,051 | 232,210 | 239,355 | 805,615 |
| 60 - 64 | 1,190,078 | 782,788 | 633,890 | 2,606,756 |
| 65 - 69 | - | - | - | - |
| **TOTAL** | **$1,544,888** | **$1,031,586** | **$897,868** | **$3,474,342** |

*(1) These are employee premiums only. The State does not make premium contributions for annuitants.*

A.9 Basic Insurance on disabled lives as of December 31, 2009 (breakdown by sex is unavailable):

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 650 |
| 18 | - | 45 | 788 |
| 19 | - | 46 | 708 |
| 20 | - | 47 | 611 |
| 21 | - | 48 | 802 |
| 22 | - | 49 | 1,243 |
| 23 | - | 50 | 1,435 |
| 24 | - | 51 | 1,933 |
| 25 | 57 | 52 | 1,770 |
| 26 | 29 | 53 | 2,080 |
| 27 | - | 54 | 2,932 |
| 28 | 24 | 55 | 2,608 |
| 29 | - | 56 | 3,107 |
| 30 | 199 | 57 | 2,906 |
| 31 | 158 | 58 | 3,849 |
| 32 | - | 59 | 2,799 |
| 33 | 20 | 60 | 3,137 |
| 34 | 170 | 61 | 2,820 |
| 35 | 20 | 62 | 3,108 |
| 36 | 159 | 63 | 2,387 |
| 37 | 68 | 64 | 2,136 |
| 38 | 134 | 65 | - |
| 39 | 281 | 66 | - |
| 40 | 233 | 67 | - |
| 41 | 328 | 68 | - |
| 42 | 225 | 69 | - |
| 43 | 218 |  |  |
| **TOTALS** | | | **$46,132** |

A.10 Supplemental Insurance on Disabled Lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 567 |
| 18 | - | 45 | 537 |
| 19 | - | 46 | 541 |
| 20 | - | 47 | 504 |
| 21 | - | 48 | 649 |
| 22 | - | 49 | 868 |
| 23 | - | 50 | 975 |
| 24 | - | 51 | 1,452 |
| 25 | - | 52 | 1,367 |
| 26 | 29 | 53 | 1,635 |
| 27 | - | 54 | 2,135 |
| 28 | - | 55 | 2,174 |
| 29 | - | 56 | 2,379 |
| 30 | 155 | 57 | 2,251 |
| 31 | 158 | 58 | 3,058 |
| 32 | - | 59 | 2,374 |
| 33 | 20 | 60 | 2,391 |
| 34 | 142 | 61 | 2,042 |
| 35 | 20 | 62 | 2,277 |
| 36 | 159 | 63 | 1,801 |
| 37 | 44 | 64 | 1,531 |
| 38 | 103 | 65 | - |
| 39 | 226 | 66 | - |
| 40 | 151 | 67 | - |
| 41 | 308 | 68 | - |
| 42 | 178 | 69 | - |
| 43 | 193 |  |  |
| **TOTALS** | | | **$35,394** |

A.11 Additional Insurance on Disabled Lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 1,214 |
| 18 | - | 45 | 755 |
| 19 | - | 46 | 990 |
| 20 | - | 47 | 638 |
| 21 | - | 48 | 519 |
| 22 | - | 49 | 1,498 |
| 23 | - | 50 | 1,520 |
| 24 | - | 51 | 1,633 |
| 25 | - | 52 | 2,098 |
| 26 | 87 | 53 | 1,815 |
| 27 | - | 54 | 2,276 |
| 28 | - | 55 | 2,038 |
| 29 | - | 56 | 2,256 |
| 30 | 333 | 57 | 2,608 |
| 31 | 111 | 58 | 2,639 |
| 32 | - | 59 | 2,694 |
| 33 | - | 60 | 2,274 |
| 34 | 384 | 61 | 1,613 |
| 35 | - | 62 | 2,325 |
| 36 | 399 | 63 | 1,699 |
| 37 | 132 | 64 | 933 |
| 38 | 231 | 65 | - |
| 39 | 512 | 66 | - |
| 40 | 413 | 67 | - |
| 41 | 783 | 68 | - |
| 42 | 274 | 69 | - |
| 43 | 251 |  |  |
| **TOTALS** | | | **$39,945** |

A.12 Disabled Lives Insurance Summary as of December 31, 2009:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | | |
| **(000's omitted)** | | | |
| **Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | 110 | 29 | 87 | 226 |
| 30 - 34 | 547 | 475 | 828 | 1,850 |
| 35 - 39 | 662 | 552 | 1,274 | 2,488 |
| 40 - 44 | 1,654 | 1,397 | 2,935 | 5,986 |
| 45 - 49 | 4,152 | 3,099 | 4,400 | 11,651 |
| 50 - 54 | 10,150 | 7,564 | 9,342 | 27,056 |
| 55 - 59 | 15,269 | 12,236 | 12,235 | 39,740 |
| 60 - 64 | 13,588 | 10,042 | 8,844 | 32,474 |
| 65 - 69 | - | - | - | - |
| **TOTAL** | **$46,132** | **$35,394** | **$39,945** | **$121,471** |

A.13 Basic Insurance Premium summary for active and annuitant lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **State** | **Total** |
| Under 30 | 94,082 | 59,272 | 153,354 |
| 30 - 34 | 129,059 | 81,307 | 210,367 |
| 35 - 39 | 173,525 | 109,321 | 282,846 |
| 40 - 44 | 294,325 | 185,425 | 479,750 |
| 45 - 49 | 561,622 | 352,803 | 914,425 |
| 50 - 54 | 1,124,772 | 696,547 | 1,821,320 |
| 55 - 59 | 2,062,015 | 1,088,617 | 3,150,633 |
| 60 - 64 | 2,506,855 | 829,570 | 3,336,425 |
| 65 - 69 | 431,400 | 271,782 | 703,182 |
| **TOTAL** | **$7,377,657** | **$3,674,645** | **$11,052,302** |

A.14 Supplemental Insurance Premium summary for active and annuitant lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **State** | **Total** |
| Under 30 | 54,136 | 18,948 | 73,084 |
| 30 - 34 | 86,891 | 30,412 | 117,303 |
| 35 - 39 | 127,858 | 44,750 | 172,608 |
| 40 - 44 | 219,985 | 76,995 | 296,980 |
| 45 - 49 | 427,494 | 149,137 | 576,631 |
| 50 - 54 | 875,750 | 301,193 | 1,176,943 |
| 55 - 59 | 1,552,118 | 461,968 | 2,014,086 |
| 60 - 64 | 1,733,644 | 332,800 | 2,066,443 |
| 65 - 69 | 302,688 | 105,941 | 408,629 |
| **TOTAL** | **$5,380,564** | **$1,522,142** | **$6,902,706** |

A.15 Additional Insurance Premium summary for active and annuitant lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **State** | **Total** |
| Under 30 | 125,525 | - | 125,525 |
| 30 - 34 | 249,535 | - | 249,535 |
| 35 - 39 | 390,102 | - | 390,102 |
| 40 - 44 | 585,377 | - | 585,377 |
| 45 - 49 | 1,062,701 | - | 1,062,701 |
| 50 - 54 | 1,678,492 | - | 1,678,492 |
| 55 - 59 | 2,201,059 | - | 2,201,059 |
| 60 - 64 | 1,791,273 | - | 1,791,273 |
| 65 - 69 | 264,366 | - | 264,366 |
| **TOTAL** | **$8,348,429** | **$ -** | **$8,348,429** |

A.16 Total Employee Plan Premium summary for active and annuitant lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **State** | **Total** |
| Under 30 | 273,744 | 78,220 | 351,964 |
| 30 - 34 | 465,485 | 111,719 | 577,204 |
| 35 - 39 | 691,485 | 154,071 | 845,556 |
| 40 - 44 | 1,099,687 | 262,420 | 1,362,107 |
| 45 - 49 | 2,051,817 | 501,940 | 2,553,757 |
| 50 - 54 | 3,679,015 | 997,740 | 4,676,755 |
| 55 - 59 | 5,815,192 | 1,550,585 | 7,365,778 |
| 60 - 64 | 6,031,772 | 1,162,369 | 7,194,141 |
| 65 - 69 | 998,454 | 377,723 | 1,376,177 |
| **TOTAL** | **$21,106,650** | **$5,196,787** | **$26,303,437** |

B.1 Insurance on retired employees as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
|
| 65 | 40,893,750 | 85 | 5,886,500 |
| 66 | 30,387,500 | 86 | 4,075,500 |
| 67 | 28,312,500 | 87 | 3,849,500 |
| 68 | 24,703,000 | 88 | 3,148,500 |
| 69 | 21,576,000 | 89 | 2,825,500 |
| 70 | 21,045,500 | 90 | 1,779,500 |
| 71 | 20,921,000 | 91 | 1,640,000 |
| 72 | 19,090,000 | 92 | 1,322,500 |
| 73 | 16,143,500 | 93 | 779,000 |
| 74 | 16,173,000 | 94 | 561,500 |
| 75 | 14,081,500 | 95 | 559,500 |
| 76 | 13,299,000 | 96 | 244,000 |
| 77 | 12,315,500 | 97 | 263,000 |
| 78 | 12,492,500 | 98 | 190,500 |
| 79 | 11,941,500 | 99 | 19,500 |
| 80 | 10,641,500 | 100 | 13,000 |
| 81 | 8,267,000 | 101 | 17,000 |
| 82 | 8,517,000 | 102 | 20,500 |
| 83 | 7,545,000 | 103 | 6,000 |
| 84 | 6,167,500 | 104 | - |
|  |  | 105 | - |
| **TOTALS** | | | **371,714,750** |

C.1 Insurance on spouse and dependent plan as of December 31, 2009:

|  |  |
| --- | --- |
| 6,276 | Employee family units with one unit of coverage |
| 18,869 | Employee family units with two units of coverage |

D.1 Active and Pre-Age 65 Retiree Insurance: Prior Experience

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Premiums:** | | | | | |
| Employee | $13,436,167 | $14,094,642 | $14,974,540 | $16,156,764 | $18,046,113 |
| State | 3,713,409 | 3,802,679 | 3,942,501 | 4,188,099 | 4,473,123 |
| **TOTAL** | $17,149,576 | $17,897,321 | $18,917,041 | $20,344,863 | $22,519,236 |
| **Claims:** | | | | | |
| **Death:** |  |  |  |  |  |
| Basic | $5,176,037 | $5,855,986 | $5,515,193 | $5,858,235 | $5,296,700 |
| Supplemental | 4,151,072 | 4,279,359 | 4,039,491 | 4,979,491 | 3,741,845 |
| Additional | 4,545,613 | 3,343,955 | 5,398,428 | 4,586,668 | 3,399,882 |
| **AD&D:** | | | | | |
| Basic | 382,229 | 523,062 | 398,146 | 313,914 | 313,384 |
| Supplemental | 220,441 | 513,191 | 149,127 | 240,704 | 250,031 |
| Additional | 338,188 | 752,132 | 572,486 | 23,749 | 384,092 |
| **Living Benefits:** | | | | | |
| Basic | 195,000 | 76,000 | 180,000 | 162,000 | 81,000 |
| Supplemental | 210,000 | 60,000 | 142,000 | 188,000 | 118,000 |
| Additional | 153000 | 179,000 | 254000 | 162,000 | 126,000 |
| **Disability (1):** | | | | | |
| Basic | 1,995,000 | 3,331,000 | 3,279,000 | 2,885,000 | 3,281,000 |
| Supplemental | 1,537,000 | 2,994,000 | 2,705,000 | 1,673,000 | 2,188,000 |
| Additional | 2,124,000 | 5,411,000 | 4,159,000 | 2,462,000 | 3,684,000 |
| **TOTAL** | $21,027,580 | $27,318,685 | $26,791,871 | $23,534,761 | $22,863,934 |
| **Insurance Converted** | - | - | - | - | - |
|
| **State Internal Admin. Expense** | 181,758 | 208,373 | 223,343 | 249,586 | 126,424 |
|

*(1) Net increase in the face amount of insurance continued under the waiver of premium benefit. The net increase includes the newly approved disability face amounts reduced by face amounts on recovered employees, on death claims paid for disabled employees, and on attainment of age 65. The charge against premium income in determining dividends for the policy year is based on the reserve for the waiver of premium disability benefit which is less than the face amount of insurance.*

D.2 Post-Age 65 Retiree insurance: Prior Experience

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Death Claims** | $7,554,908 | $7,520,973 | $8,480,232 | $8,774,275 | $8,687,927 |
| **Living Benefits** | $43,500 | $25,500 | $ - | $ - | $19,500 |

D.3 Spouse and Dependent Insurance: Prior Experience

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Premiums** | $1,073,227 | $1,032,840 | $1,019,099 | $1,026,775 | $1,038,545 |
| **Death Claims** | $1,191,246 | $1,075,980 | $1,003,482 | $1,094,710 | $1,182,121 |
| **Living Benefits** | $ - | $ - | $ - | $ - | $20,000 |
| **Insurance Converted** | $ - | $ - | $ - | $ - | $ - |
| **State Internal Admin. Expense** | $39,520 | $43,261 | $45,654 | $50,720 | $24,797 |

**II. Local Government Plan for Active and Retired Employees, Spouses and Dependents (statistics by sex are not available)**

A.1 Basic Insurance on active employees as of December 31, 2009:

1. 25% Post-Retirement Insurance Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | 5 | 44 | 105,181 |
| 18 | 15 | 45 | 102,206 |
| 19 | 345 | 46 | 104,400 |
| 20 | 875 | 47 | 108,757 |
| 21 | 1,585 | 48 | 115,953 |
| 22 | 3,389 | 49 | 115,777 |
| 23 | 7,782 | 50 | 118,305 |
| 24 | 17,976 | 51 | 121,126 |
| 25 | 27,409 | 52 | 121,017 |
| 26 | 30,134 | 53 | 121,354 |
| 27 | 41,628 | 54 | 118,677 |
| 28 | 47,156 | 55 | 114,156 |
| 29 | 50,842 | 56 | 104,949 |
| 30 | 52,501 | 57 | 98,918 |
| 31 | 58,603 | 58 | 91,923 |
| 32 | 64,206 | 59 | 75,905 |
| 33 | 62,252 | 60 | 64,673 |
| 34 | 66,737 | 61 | 57,479 |
| 35 | 74,057 | 62 | 47,357 |
| 36 | 71,922 | 63 | 32,419 |
| 37 | 75,363 | 64 | 21,020 |
| 38 | 83,734 | 65 | 13,074 |
| 39 | 97,078 | 66 | 8,562 |
| 40 | 87,501 | 67 | 5,356 |
| 41 | 91,953 | 68 | 3,820 |
| 42 | 90,369 | 69 | 2,941 |
| 43 | 99,998 |  |  |
| **TOTALS** | | | **$3,300,720** |

1. 50% Post-Retirement Insurance Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 9,281 |
| 18 | - | 45 | 10,422 |
| 19 | 13 | 46 | 10,189 |
| 20 | 45 | 47 | 12,209 |
| 21 | 130 | 48 | 11,884 |
| 22 | 470 | 49 | 10,567 |
| 23 | 862 | 50 | 13,050 |
| 24 | 1,234 | 51 | 13,010 |
| 25 | 1,884 | 52 | 13,218 |
| 26 | 2,274 | 53 | 13,142 |
| 27 | 3,151 | 54 | 13,583 |
| 28 | 3,421 | 55 | 12,870 |
| 29 | 4,163 | 56 | 11,597 |
| 30 | 5,502 | 57 | 11,608 |
| 31 | 3,753 | 58 | 9,367 |
| 32 | 4,948 | 59 | 8,538 |
| 33 | 4,730 | 60 | 7,276 |
| 34 | 5,340 | 61 | 5,727 |
| 35 | 6,638 | 62 | 5,275 |
| 36 | 6,099 | 63 | 3,024 |
| 37 | 6,268 | 64 | 2,870 |
| 38 | 9,574 | 65 | 822 |
| 39 | 9,147 | 66 | 1,913 |
| 40 | 8,577 | 67 | 802 |
| 41 | 8,403 | 68 | 380 |
| 42 | 10,394 | 69 | 102 |
| 43 | 10,568 |  |  |
| **TOTALS** | | | **$330,314** |

A.2 Supplemental Insurance on active employees as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 41,656 |
| 18 | - | 45 | 40,039 |
| 19 | 95 | 46 | 40,315 |
| 20 | 227 | 47 | 41,157 |
| 21 | 371 | 48 | 44,267 |
| 22 | 1,342 | 49 | 43,100 |
| 23 | 2,762 | 50 | 43,513 |
| 24 | 5,644 | 51 | 44,234 |
| 25 | 8,812 | 52 | 40,215 |
| 26 | 10,006 | 53 | 40,792 |
| 27 | 14,602 | 54 | 34,123 |
| 28 | 14,838 | 55 | 33,327 |
| 29 | 17,536 | 56 | 28,686 |
| 30 | 21,128 | 57 | 26,293 |
| 31 | 22,319 | 58 | 24,192 |
| 32 | 25,621 | 59 | 18,216 |
| 33 | 25,927 | 60 | 14,596 |
| 34 | 25,921 | 61 | 12,905 |
| 35 | 31,766 | 62 | 9,630 |
| 36 | 30,057 | 63 | 6,950 |
| 37 | 30,196 | 64 | 4,305 |
| 38 | 34,968 | 65 | 2,480 |
| 39 | 38,423 | 66 | 1,642 |
| 40 | 34,384 | 67 | 781 |
| 41 | 38,439 | 68 | 464 |
| 42 | 38,048 | 69 | 487 |
| 43 | 41,940 |  |  |
| **TOTALS** | | | **$1,153,737** |

A.3 Additional Insurance on active employees as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | 5 | 44 | 129,737 |
| 18 | - | 45 | 131,199 |
| 19 | 187 | 46 | 123,846 |
| 20 | 450 | 47 | 126,902 |
| 21 | 995 | 48 | 134,003 |
| 22 | 3,792 | 49 | 125,178 |
| 23 | 8,775 | 50 | 128,646 |
| 24 | 14,323 | 51 | 123,621 |
| 25 | 23,903 | 52 | 115,488 |
| 26 | 28,888 | 53 | 112,185 |
| 27 | 41,167 | 54 | 95,768 |
| 28 | 43,078 | 55 | 81,727 |
| 29 | 53,733 | 56 | 75,626 |
| 30 | 61,956 | 57 | 64,306 |
| 31 | 67,319 | 58 | 59,780 |
| 32 | 74,182 | 59 | 44,929 |
| 33 | 80,595 | 60 | 34,348 |
| 34 | 85,367 | 61 | 31,844 |
| 35 | 96,892 | 62 | 21,389 |
| 36 | 92,352 | 63 | 15,783 |
| 37 | 100,237 | 64 | 9,843 |
| 38 | 112,411 | 65 | 7,580 |
| 39 | 129,031 | 66 | 5,631 |
| 40 | 113,994 | 67 | 2,743 |
| 41 | 117,027 | 68 | 1,480 |
| 42 | 120,334 | 69 | 881 |
| 43 | 125,652 |  |  |
| **TOTALS** | | | **$3,401,108** |

A.4 Insurance and Premium Summary

a. Basic Insurance

i. 25% Post-Retirement Insurance Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 229,141 | 137,485 | 27,497 | 164,982 |
| 30 - 34 | 304,299 | 219,095 | 43,819 | 262,914 |
| 35 - 39 | 402,154 | 337,809 | 67,562 | 405,371 |
| 40 - 44 | 475,002 | 513,002 | 102,600 | 615,603 |
| 45 - 49 | 547,093 | 984,767 | 196,953 | 1,181,721 |
| 50 - 54 | 600,479 | 1,945,552 | 389,110 | 2,334,662 |
| 55 - 59 | 485,851 | 2,565,293 | 513,059 | 3,078,352 |
| 60 - 64 | 222,948 | 1,417,949 | 283,590 | 1,701,539 |
| 65 - 69 | 33,753 | 243,022 | 21,872 | 264,894 |
| **TOTAL** | **$3,300,720** | **$8,363,975** | **$1,646,063** | **$10,010,038** |

ii. 50% Post-Retirement Insurance Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 17,647 | 10,588 | 7,200 | 17,788 |
| 30 - 34 | 24,273 | 17,477 | 11,884 | 29,361 |
| 35 - 39 | 37,726 | 31,690 | 21,549 | 53,239 |
| 40 - 44 | 47,223 | 51,001 | 34,681 | 85,681 |
| 45 - 49 | 55,271 | 99,488 | 67,652 | 167,140 |
| 50 - 54 | 66,003 | 213,850 | 145,418 | 359,268 |
| 55 - 59 | 53,980 | 285,014 | 193,810 | 478,824 |
| 60 - 64 | 24,172 | 153,734 | 104,539 | 258,273 |
| 65 - 69 | 4,019 | 28,937 | 5,443 | 34,380 |
| **TOTAL** | **$330,314** | **$891,778** | **$592,175** | **$1,483,953** |

iii. Total Basic Insurance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 246,788 | 148,073 | 34,697 | 182,770 |
| 30 - 34 | 328,572 | 236,572 | 55,703 | 292,275 |
| 35 - 39 | 439,880 | 369,499 | 89,111 | 458,610 |
| 40 - 44 | 522,225 | 564,003 | 137,281 | 701,284 |
| 45 - 49 | 602,364 | 1,084,255 | 264,605 | 1,348,860 |
| 50 - 54 | 666,482 | 2,159,402 | 534,528 | 2,693,930 |
| 55 - 59 | 539,831 | 2,850,308 | 706,868 | 3,557,176 |
| 60 - 64 | 247,120 | 1,571,683 | 388,129 | 1,959,812 |
| 65 - 69 | 37,772 | 271,958 | 27,315 | 299,273 |
| **TOTAL** | **$3,631,034** | **$9,255,753** | **$2,238,238** | **$11,493,991** |

b. Supplemental Insurance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 76,235 | 45,741 | - | 45,741 |
| 30 - 34 | 120,916 | 87,060 | - | 87,060 |
| 35 - 39 | 165,410 | 138,944 | - | 138,944 |
| 40 - 44 | 194,467 | 210,024 | - | 210,024 |
| 45 - 49 | 208,878 | 375,980 | - | 375,980 |
| 50 - 54 | 202,877 | 657,321 | - | 657,321 |
| 55 - 59 | 130,714 | 690,170 | - | 690,170 |
| 60 - 64 | 48,386 | 307,735 | - | 307,735 |
| 65 - 69 | 5,854 | 42,149 | - | 42,149 |
| **TOTAL** | **$1,153,737** | **$2,555,125** | **$ -** | **$2,555,125** |

c. Additional Insurance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 219,296 | 131,578 | - | 131,578 |
| 30 - 34 | 369,419 | 265,982 | - | 265,982 |
| 35 - 39 | 530,923 | 445,975 | - | 445,975 |
| 40 - 44 | 606,744 | 655,284 | - | 655,284 |
| 45 - 49 | 641,128 | 1,154,030 | - | 1,154,030 |
| 50 - 54 | 575,708 | 1,865,294 | - | 1,865,294 |
| 55 - 59 | 326,368 | 1,723,223 | - | 1,723,223 |
| 60 - 64 | 113,207 | 719,997 | - | 719,997 |
| 65 - 69 | 18,315 | 131,868 | - | 131,868 |
| **TOTAL** | **$3,401,108** | **$7,093,230** | **$ -** | **$7,093,230** |

d Total Employee Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance (000's omitted)** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 542,319 | 325,391 | 34,697 | 360,088 |
| 30 - 34 | 818,907 | 589,613 | 55,703 | 645,316 |
| 35 - 39 | 1,136,213 | 954,419 | 89,111 | 1,043,530 |
| 40 - 44 | 1,323,436 | 1,429,311 | 137,281 | 1,566,592 |
| 45 - 49 | 1,452,370 | 2,614,266 | 264,605 | 2,878,871 |
| 50 - 54 | 1,445,067 | 4,682,017 | 534,528 | 5,216,545 |
| 55 - 59 | 996,913 | 5,263,701 | 706,868 | 5,970,569 |
| 60 - 64 | 408,713 | 2,599,415 | 388,129 | 2,987,544 |
| 65 - 69 | 61,941 | 445,975 | 27,315 | 473,290 |
| **TOTAL** | **$8,185,879** | **$18,904,108** | **$2,238,238** | **$21,142,346** |

A.5 Basic Insurance on annuitants as of December 31, 2009 (breakdown by sex is unavailable):

1. 25% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | 68 |
| 19 | - | 46 | - |
| 20 | - | 47 | 125 |
| 21 | - | 48 | 76 |
| 22 | - | 49 | 293 |
| 23 | - | 50 | 238 |
| 24 | - | 51 | 1,578 |
| 25 | - | 52 | 1,765 |
| 26 | - | 53 | 3,679 |
| 27 | - | 54 | 6,221 |
| 28 | - | 55 | 13,143 |
| 29 | - | 56 | 19,930 |
| 30 | - | 57 | 31,328 |
| 31 | - | 58 | 40,716 |
| 32 | - | 59 | 45,449 |
| 33 | - | 60 | 53,591 |
| 34 | - | 61 | 56,320 |
| 35 | - | 62 | 64,933 |
| 36 | - | 63 | 61,385 |
| 37 | - | 64 | 48,577 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | 44 |  |  |
| **TOTALS** | | | **$449,459** |

1. 50% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | - |
| 19 | - | 46 | - |
| 20 | - | 47 | 65 |
| 21 | - | 48 | - |
| 22 | - | 49 | - |
| 23 | - | 50 | - |
| 24 | - | 51 | 82 |
| 25 | - | 52 | 318 |
| 26 | - | 53 | 563 |
| 27 | - | 54 | 561 |
| 28 | - | 55 | 814 |
| 29 | - | 56 | 1,611 |
| 30 | - | 57 | 2,896 |
| 31 | - | 58 | 5,320 |
| 32 | - | 59 | 4,663 |
| 33 | - | 60 | 4,875 |
| 34 | - | 61 | 6,211 |
| 35 | - | 62 | 6,262 |
| 36 | - | 63 | 7,770 |
| 37 | - | 64 | 5,215 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | - |  |  |
| **TOTALS** | | | **$47,226** |

A.6 Supplemental Insurance on annuitants as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | 33 |
| 19 | - | 46 | - |
| 20 | - | 47 | 116 |
| 21 | - | 48 | - |
| 22 | - | 49 | 119 |
| 23 | - | 50 | 124 |
| 24 | - | 51 | 421 |
| 25 | - | 52 | 695 |
| 26 | - | 53 | 1,355 |
| 27 | - | 54 | 2,164 |
| 28 | - | 55 | 2,856 |
| 29 | - | 56 | 3,958 |
| 30 | - | 57 | 5,206 |
| 31 | - | 58 | 8,446 |
| 32 | - | 59 | 7,369 |
| 33 | - | 60 | 8,018 |
| 34 | - | 61 | 7,881 |
| 35 | - | 62 | 8,126 |
| 36 | - | 63 | 8,693 |
| 37 | - | 64 | 5,778 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | - |  |  |
| **TOTALS** | | | **$71,358** |

A.7 Additional Insurance on annuitants as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | - |
| 18 | - | 45 | 33 |
| 19 | - | 46 | - |
| 20 | - | 47 | 512 |
| 21 | - | 48 | - |
| 22 | - | 49 | 476 |
| 23 | - | 50 | 366 |
| 24 | - | 51 | 1,113 |
| 25 | - | 52 | 2,045 |
| 26 | - | 53 | 4,380 |
| 27 | - | 54 | 5,249 |
| 28 | - | 55 | 9,656 |
| 29 | - | 56 | 10,349 |
| 30 | - | 57 | 13,014 |
| 31 | - | 58 | 15,974 |
| 32 | - | 59 | 16,007 |
| 33 | - | 60 | 21,356 |
| 34 | - | 61 | 19,699 |
| 35 | - | 62 | 19,434 |
| 36 | - | 63 | 20,647 |
| 37 | - | 64 | 15,740 |
| 38 | - | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | - | 68 | - |
| 42 | - | 69 | - |
| 43 | 88 |  |  |
| **TOTALS** | | | **$176,138** |

A.8 Annuitant Insurance and Premium Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | | | |
| **(000's omitted)** | | | | |
| **25% Basic** | **50% Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | - | - | - | - | - |
| 30 - 34 | - | - | - | - | - |
| 35 - 39 | - | - | - | - | - |
| 40 - 44 | 44 | - | - | 88 | 132 |
| 45 - 49 | 562 | 65 | 268 | 1,021 | 1,916 |
| 50 - 54 | 13,481 | 1,524 | 4,759 | 13,153 | 32,917 |
| 55 - 59 | 150,566 | 15,304 | 27,835 | 65,000 | 258,705 |
| 60 - 64 | 284,806 | 30,333 | 38,496 | 96,876 | 450,511 |
| 65 - 69 | - | - | - | - | - |
| **TOTAL** | **$449,459** | **$47,226** | **$71,358** | **$176,138** | **$744,181** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attained**  **Age** | **ANNUAL PREMIUM (1)** | | | | |
| **25% Basic** | **50% Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | - | - | - | - | - |
| 30 - 34 | - | - | - | - | - |
| 35 - 39 | - | - | - | - | - |
| 40 - 44 | 48 | - | - | 95 | 143 |
| 45 - 49 | 1,012 | 117 | 482 | 1,838 | 3,449 |
| 50 - 54 | 43,678 | 4,938 | 15,419 | 42,616 | 106,651 |
| 55 - 59 | 794,988 | 80,805 | 146,969 | 343,200 | 1,365,962 |
| 60 - 64 | 1,811,366 | 192,918 | 244,835 | 616,131 | 2,865,250 |
| 65 - 69 | - | - | - | - | - |
| **TOTAL** | **$2,651,092** | **$278,778** | **$407,705** | **$1,003,880** | **$4,341,455** |

*(1) These are employee premiums only. Employers do not make premium contributions for annuitants.*

A.9 Basic Insurance on disabled lives as of December 31, 2009 (statistics by sex are not available):

1. 25% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 581 |
| 18 | - | 45 | 516 |
| 19 | - | 46 | 537 |
| 20 | - | 47 | 993 |
| 21 | - | 48 | 927 |
| 22 | - | 49 | 851 |
| 23 | - | 50 | 1,064 |
| 24 | - | 51 | 1,487 |
| 25 | - | 52 | 1,911 |
| 26 | - | 53 | 1,823 |
| 27 | - | 54 | 2,071 |
| 28 | - | 55 | 2,275 |
| 29 | - | 56 | 2,190 |
| 30 | 194 | 57 | 3,078 |
| 31 | 35 | 58 | 2,639 |
| 32 | 128 | 59 | 2,931 |
| 33 | - | 60 | 2,773 |
| 34 | 186 | 61 | 2,769 |
| 35 | 172 | 62 | 2,981 |
| 36 | 75 | 63 | 3,043 |
| 37 | 96 | 64 | 2,503 |
| 38 | 91 | 65 | - |
| 39 | 234 | 66 | - |
| 40 | 513 | 67 | - |
| 41 | 134 | 68 | - |
| 42 | 272 | 69 | - |
| 43 | 236 |  |  |
| **TOTALS** | | | **$42,309** |

1. 50% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 174 |
| 18 | - | 45 | - |
| 19 | - | 46 | - |
| 20 | - | 47 | - |
| 21 | - | 48 | 34 |
| 22 | - | 49 | 101 |
| 23 | - | 50 | - |
| 24 | - | 51 | 64 |
| 25 | - | 52 | 71 |
| 26 | - | 53 | 262 |
| 27 | - | 54 | 237 |
| 28 | - | 55 | 183 |
| 29 | - | 56 | 155 |
| 30 | - | 57 | 201 |
| 31 | - | 58 | 169 |
| 32 | - | 59 | 208 |
| 33 | - | 60 | 214 |
| 34 | - | 61 | 151 |
| 35 | 53 | 62 | 483 |
| 36 | 80 | 63 | 351 |
| 37 | - | 64 | 191 |
| 38 | 53 | 65 | - |
| 39 | - | 66 | - |
| 40 | - | 67 | - |
| 41 | 47 | 68 | - |
| 42 | 77 | 69 | - |
| 43 | 39 |  |  |
| **TOTALS** | | | **$3,598** |

A.10 Supplemental Insurance on disabled lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 126 |
| 18 | - | 45 | 62 |
| 19 | - | 46 | 188 |
| 20 | - | 47 | 423 |
| 21 | - | 48 | 258 |
| 22 | - | 49 | 348 |
| 23 | - | 50 | 275 |
| 24 | - | 51 | 719 |
| 25 | - | 52 | 891 |
| 26 | - | 53 | 620 |
| 27 | - | 54 | 793 |
| 28 | - | 55 | 600 |
| 29 | - | 56 | 510 |
| 30 | 130 | 57 | 697 |
| 31 | 35 | 58 | 602 |
| 32 | 33 | 59 | 603 |
| 33 | - | 60 | 923 |
| 34 | 108 | 61 | 715 |
| 35 | 137 | 62 | 383 |
| 36 | 128 | 63 | 637 |
| 37 | 60 | 64 | 309 |
| 38 | 91 | 65 | - |
| 39 | 38 | 66 | - |
| 40 | 216 | 67 | - |
| 41 | 79 | 68 | - |
| 42 | 154 | 69 | - |
| 43 | 41 |  |  |
| **TOTALS** | | | **$11,932** |

A.11 Additional Insurance on disabled lives as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
| **(000's omitted)** | **(000's omitted)** |
| 17 | - | 44 | 538 |
| 18 | - | 45 | 658 |
| 19 | - | 46 | 536 |
| 20 | - | 47 | 930 |
| 21 | - | 48 | 1,013 |
| 22 | - | 49 | 744 |
| 23 | - | 50 | 1,444 |
| 24 | - | 51 | 1,899 |
| 25 | - | 52 | 2,408 |
| 26 | - | 53 | 1,917 |
| 27 | - | 54 | 2,087 |
| 28 | - | 55 | 2,437 |
| 29 | - | 56 | 1,649 |
| 30 | 355 | 57 | 2,102 |
| 31 | 70 | 58 | 1,761 |
| 32 | 133 | 59 | 2,019 |
| 33 | - | 60 | 2,662 |
| 34 | 148 | 61 | 2,096 |
| 35 | 411 | 62 | 1,403 |
| 36 | 384 | 63 | 1,877 |
| 37 | 80 | 64 | 1,231 |
| 38 | 273 | 65 | - |
| 39 | 266 | 66 | - |
| 40 | 418 | 67 | - |
| 41 | 348 | 68 | - |
| 42 | 584 | 69 | - |
| 43 | 41 |  |  |
| **TOTALS** | | | **$36,922** |

A.12 Disabled Lives Insurance Summary on disabled lives as of December 31, 2009:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attained Age** | **AMOUNT of INSURANCE** | | | | |
| **(000's omitted)** | | | | |
| **25% Basic** | **50% Basic** | **Supplemental** | **Additional** | **Total** |
| Under 30 | - | - | - | - | - |
| 30 - 34 | 543 | - | 306 | 706 | 1,555 |
| 35 - 39 | 668 | 186 | 454 | 1,414 | 2,722 |
| 40 - 44 | 1,736 | 337 | 616 | 1,929 | 4,618 |
| 45 - 49 | 3,824 | 135 | 1,279 | 3,881 | 9,119 |
| 50 - 54 | 8,356 | 634 | 3,298 | 9,755 | 22,043 |
| 55 - 59 | 13,113 | 916 | 3,012 | 9,968 | 27,009 |
| 60 - 64 | 14,069 | 1,390 | 2,967 | 9,269 | 27,695 |
| 65 - 69 | - | - | - | - | - |
| **TOTAL** | **$42,309** | **$3,598** | **$11,932** | **$36,922** | **$94,761** |

A.13 Basic Insurance Premium summary for active and annuitant lives:

a. 25% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 137,485 | 27,497 | 164,982 |
| 30 - 34 | 219,095 | 43,819 | 262,914 |
| 35 - 39 | 337,809 | 67,562 | 405,371 |
| 40 - 44 | 513,050 | 102,600 | 615,650 |
| 45 - 49 | 985,779 | 196,953 | 1,182,732 |
| 50 - 54 | 1,989,230 | 389,110 | 2,378,341 |
| 55 - 59 | 3,360,282 | 513,059 | 3,873,340 |
| 60 - 64 | 3,229,315 | 283,590 | 3,512,905 |
| 65 - 69 | 243,022 | 21,872 | 264,894 |
| **TOTAL** | **$11,015,067** | **$1,646,063** | **$12,661,130** |

b. 50% Post-Retirement Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 10,588 | 7,200 | 17,788 |
| 30 - 34 | 17,477 | 11,884 | 29,361 |
| 35 - 39 | 31,690 | 21,549 | 53,239 |
| 40 - 44 | 51,001 | 34,681 | 85,681 |
| 45 - 49 | 99,605 | 67,652 | 167,257 |
| 50 - 54 | 218,787 | 145,418 | 364,205 |
| 55 - 59 | 365,820 | 193,810 | 559,629 |
| 60 - 64 | 346,652 | 104,539 | 451,191 |
| 65 - 69 | 28,937 | 5,443 | 34,380 |
| **TOTAL** | **$1,170,556** | **$592,175** | **$1,762,731** |

c. Total Basic Insurance

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 148,073 | 34,697 | 182,770 |
| 30 - 34 | 236,572 | 55,703 | 292,275 |
| 35 - 39 | 369,499 | 89,111 | 458,610 |
| 40 - 44 | 564,051 | 137,281 | 701,332 |
| 45 - 49 | 1,085,384 | 264,605 | 1,349,989 |
| 50 - 54 | 2,208,018 | 534,528 | 2,742,546 |
| 55 - 59 | 3,726,101 | 706,868 | 4,432,970 |
| 60 - 64 | 3,575,967 | 388,129 | 3,964,096 |
| 65 - 69 | 271,958 | 27,315 | 299,273 |
| **TOTAL** | **$12,185,623** | **$2,238,238** | **$14,423,861** |

A.14 Supplemental Insurance Premium summary for active and annuitant lives:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 45,741 | - | 45,741 |
| 30 - 34 | 87,060 | - | 87,060 |
| 35 - 39 | 138,944 | - | 138,944 |
| 40 - 44 | 210,024 | - | 210,024 |
| 45 - 49 | 376,463 | - | 376,463 |
| 50 - 54 | 672,741 | - | 672,741 |
| 55 - 59 | 837,139 | - | 837,139 |
| 60 - 64 | 552,570 | - | 552,570 |
| 65 - 69 | 42,149 | - | 42,149 |
| **TOTAL** | **$2,962,830** | **$ -** | **$2,962,830** |

A.15 Additional Insurance Premium summary for active and annuitant lives:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 131,578 | - | 131,578 |
| 30 - 34 | 265,982 | - | 265,982 |
| 35 - 39 | 445,975 | - | 445,975 |
| 40 - 44 | 655,379 | - | 655,379 |
| 45 - 49 | 1,155,868 | - | 1,155,868 |
| 50 - 54 | 1,907,910 | - | 1,907,910 |
| 55 - 59 | 2,066,423 | - | 2,066,423 |
| 60 - 64 | 1,336,128 | - | 1,336,128 |
| 65 - 69 | 131,868 | - | 131,868 |
| **TOTAL** | **$8,097,110** | **$ -** | **$8,097,110** |

A.16 Total Employee Plan Premium summary for active and annuitant lives:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **ANNUAL PREMIUM** | | |
|
| **Employees** | **Employer** | **Total** |
| Under 30 | 325,391 | 34,697 | 360,088 |
| 30 - 34 | 589,613 | 55,703 | 645,316 |
| 35 - 39 | 954,419 | 89,111 | 1,043,530 |
| 40 - 44 | 1,429,453 | 137,281 | 1,566,734 |
| 45 - 49 | 2,617,715 | 264,605 | 2,882,320 |
| 50 - 54 | 4,788,668 | 534,528 | 5,323,196 |
| 55 - 59 | 6,629,663 | 706,868 | 7,336,531 |
| 60 - 64 | 5,464,665 | 388,129 | 5,852,794 |
| 65 - 69 | 445,975 | 27,315 | 473,290 |
| **TOTAL** | **$23,245,563** | **$2,238,238** | **$25,483,800** |

B.1 Insurance on retired employees as of December 31, 2009:

|  |  |  |  |
| --- | --- | --- | --- |
| **Attained Age** | **Amount of Insurance** | **Attained Age** | **Amount of Insurance** |
|
| 65\* | 49,752,000 | 87 | 1,756,500 |
| 66\* | 34,287,000 | 88 | 1,413,500 |
| 67 | 17,452,750 | 89 | 1,054,500 |
| 68 | 15,011,000 | 90 | 678,000 |
| 69 | 13,221,000 | 91 | 679,000 |
| 70 | 12,263,250 | 92 | 504,000 |
| 71 | 12,480,000 | 93 | 456,000 |
| 72 | 9,908,250 | 94 | 317,500 |
| 73 | 10,378,250 | 95 | 185,250 |
| 74 | 9,598,250 | 96 | 170,750 |
| 75 | 8,057,750 | 97 | 142,750 |
| 76 | 6,835,500 | 98 | 78,000 |
| 77 | 6,760,000 | 99 | 78,750 |
| 78 | 6,350,000 | 100 | 26,500 |
| 79 | 5,041,500 | 101 | 23,750 |
| 80 | 4,879,250 | 102 | 26,000 |
| 81 | 4,426,000 | 103 | 12,250 |
| 82 | 3,726,500 | 104 | - |
| 83 | 3,186,750 | 105 | - |
| 84 | 2,611,500 | 106 | - |
| 85 | 2,213,000 | 107 | - |
| 86 | 1,943,500 | 108 | - |
|  |  |  |  |
| **TOTALS** | | | **$247,986,000** |

|  |  |  |
| --- | --- | --- |
| **\*Age** | **25% Post-Retirement Insurance** | **50% Post-Retirement Insurance** |
| 65 | $45,117,000 | $4,635,000 |
| 66 | $31,469,000 | $2,818,000 |

C.1 Insurance on spouse and dependent plan as of December 31, 2009:

|  |  |
| --- | --- |
| 8,627 | Employee family units with one unit of coverage |
| 28,313 | Employee family units with two units of coverage |

D.1 Active and Pre-Age 65 Retiree Insurance: Prior Experience:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Premiums:** | | | | | |
| Employee | $15,492,527 | $16,656,925 | $17,905,337 | $19,619,359 | $20,568,635 |
| Employer | 1,488,778 | 1,523,359 | 1,610,684 | 1,732,601 | 1,806,300 |
| **TOTAL** | $16,981,305 | $18,180,284 | $19,516,021 | $21,351,960 | $22,374,935 |
| **Claims:** | | | | | |
| **Death:** | | | | | |
| Basic | $6,386,577 | $6,082,473 | $7,024,073 | $7,309,847 | $7,986,336 |
| Supplemental | 1,589,499 | 1,265,950 | 1,434,837 | 1,572,141 | 2,190,804 |
| Additional | 4,651,720 | 3,040,557 | 3,883,812 | 4,779,989 | 5,752,244 |
| **AD&D:** | | | | | |
| Basic | 549,792 | 420,662 | 862,000 | 548,813 | 629,867 |
| Supplemental | 95,553 | 170,281 | 237,519 | 158,467 | 111,799 |
| Additional | 369,932 | 289,023 | 480,739 | 485,212 | 544,759 |
| **Living Benefits:** | | | | | |
| Basic | 83,000 | 39,000 | 426,000 | 172,000 | 96,000 |
| Supplemental | 28,000 | 39,000 | 197,000 | 61,000 | 33,000 |
| Additional | 85000 | 37,000 | 248000 | 275,000 | 139,000 |
| **Disability (1):** | | | | | |
| Basic | 1,376,000 | 1,342,000 | 1,875,000 | 2,220,000 | 74,000 |
| Supplemental | 673,000 | 1,125,000 | 1,182,000 | 1,481,000 | 687,000 |
| Additional | 3,013,000 | 2,046,000 | 3,769,000 | 4,132,000 | 2,599,000 |
| **TOTAL** | $18,901,073 | $15,896,946 | $21,619,980 | $23,195,469 | $20,843,809 |
| **Insurance Converted** | 444,000 | 444,000 | 960,000 | 186,000 | 35,000 |
|
| **State Internal Admin. Expense** | 181,758 | 208,373 | 223,343 | 249,586 | 126,424 |
|

*(1) Net increase in the face amount of insurance continued under the waiver of premium benefit. The net increase includes the newly approved disability face amounts reduced by face amounts on recovered employees, on death claims paid for disabled employees, and on attainment of age 65. The charge against premium income in determining dividends for the policy year is based on the reserve for the waiver of premium disability benefit which is less than the face amount of insurance.*

D.2 Post-Age 65 Retiree insurance: Prior Experience:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Death Claims** | $4,283,601 | $4,145,891 | $4,521,061 | $5,305,187 | $4,439,163 |
| **Living Benefits** | $4,000 | $9,500 | $30,000 | $3,000 | $27,750 |

D.3 Spouse and Dependent Insurance: Prior Experience:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2004 | 2005 | 2006 | 2007 | 2008 |
| **Premiums** | $1,461,808 | $1,483,313 | $1,492,339 | $1,428,404 | $1,337,106 |
| **Death Claims** | 1,186,010 | 1,426,228 | 1,311,196 | 1,690,331 | 1,617,363 |
| **Living Benefits** | - | 20,000 | 35,000 | 20,000 | - |
| **Insurance Converted** | 309,000 | 430,000 | 326,500 | 245,000 | 161,500 |
| **State Internal Admin. Expense** | 39,520 | 43,261 | 45,654 | 50,720 | 24,797 |

**III. Post-Retirement Insurance Actuarial Assumptions for State and Local Government Plans**

The following actuarial assumptions were used in the December 31, 2008 calculation of the post-retirement insurance funding status:

1. Salaries increase annually in accordance with the following schedule:

|  |  |  |
| --- | --- | --- |
|  | **Percentage Increase** | |
| **Age** | **State** | **Local** |
| 20 | 9.0% | 10.0% |
| 25 | 8.3 | 9.0 |
| 30 | 7.3 | 7.2 |
| 35 | 6.4 | 6.0 |
| 40 | 5.8 | 5.5 |
| 45 | 5.6 | 5.1 |
| 50 | 5.4 | 4.9 |
| 55 | 5.2 | 4.6 |
| 60 | 4.8 | 4.5 |
| 65 | 4.6 | 4.4 |

1. Annual employee withdrawal rates are as follows:

|  |  |  |
| --- | --- | --- |
|  | **Withdrawals**  **Per 1,000** | |
| **Age** | **State** | **Local** |
| 20 | 61 | 47 |
| 25 | 61 | 47 |
| 30 | 54 | 39 |
| 35 | 42 | 27 |
| 40 | 31 | 20 |
| 45 | 23 | 16 |
| 50 | 19 | 14 |
| 55 | 15 | 12 |
| 60 | 11 | 9 |

1. Annual interest rates are 7% for active employees and 5% for retired employees
2. Expected mortality and morbidity are based on the actual experience of the plan during the years 2000 thru 2002

**IV. Life Insurance Statistics For State and Local Plans (1999-2008)**

A.1 Group Life Insurance Premiums Collected (amounts in thousands):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **State** | | **Local (1)** | | **Totals** |
| **Employee** | **State** | **Employee** | **Employer** |
| 1999 | 10,249 | 3,160 | 9,982 | 1,330 | 24,721 |
| 2000 | 10,944 | 3,260 | 10,654 | 1,379 | 26,237 |
| 2001 | 12,058 | 3,503 | 11,892 | 1,275 | 28,728 |
| 2002 | 13,378 | 3,814 | 13,254 | 1,375 | 31,821 |
| 2003 | 13,565 | 3,821 | 14,703 | 1,462 | 33,551 |
| 2004 | 13,436 | 3,713 | 15,493 | 1,489 | 34,131 |
| 2005 | 14,095 | 3,803 | 16,657 | 1,523 | 36,078 |
| 2006 | 14,975 | 3,943 | 17,905 | 1,611 | 38,433 |
| 2007 | 16,157 | 4,188 | 19,619 | 1,733 | 41,697 |
| 2008 | 18,046 | 4,473 | 20,569 | 1,806 | 44,894 |

*(1) Some local government Employers pay part or all of the employee share of premiums. In this exhibit, such payments are included in the employee premium numbers.* B.1 State Employees: Group Life insurance in Force (amounts in thousands):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **State Employees** | | | |
|  | **Pre-Retirement** | | | **Post -Retirement** |
| **Year** | **Basic** | **Supplemental** | **Additional** |
| 1999 | 1,944,008 | 1,468,193 | 1,181,027 | 195,619 |
| 2000 | 2,058,557 | 1,550,124 | 1,356,399 | 207,849 |
| 2001 | 2,277,758 | 1,709,216 | 1,614,778 | 219,828 |
| 2002 | 2,441,489 | 1,823,029 | 1,835,845 | 234,159 |
| 2003 | 2,525,292 | 1,876,086 | 1,976,044 | 248,541 |
| 2004 | 2,649,332 | 1,958,599 | 2,153,059 | 261,620 |
| 2005 | 2,719,404 | 2,003,210 | 2,276,487 | 277,560 |
| 2006 | 2,812,389 | 2,065,965 | 2,450,801 | 295,682 |
| 2007 | 2,953,085 | 2,163,847 | 2,686,412 | 320,233 |
| 2008 | 3,101,958 | 2,267,825 | 2,897,834 | 348,802 |

B.2 Local Government Employees: Group Life insurance in Force (amounts in thousands):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Local Government Employees** | | | |
|  | **Pre-Retirement** | | | **Post-Retirement** |
| **Year** | **Basic** | **Supplemental** | **Additional** |
| 1999 | 2,662,094 | 451,206 | 1,446,069 | 115,356 |
| 2000 | 2,817,790 | 511,401 | 1,635,022 | 125,537 |
| 2001 | 3,012,639 | 589,955 | 1,903,271 | 134,879 |
| 2002 | 3,174,758 | 657,863 | 2,133,086 | 141,321 |
| 2003 | 3,281,854 | 736,895 | 2,325,771 | 152,083 |
| 2004 | 3,391,695 | 797,296 | 2,515,802 | 161,094 |
| 2005 | 3,540,667 | 910,482 | 2,746,798 | 173,746 |
| 2006 | 3,665,026 | 985,403 | 2,954,710 | 190,202 |
| 2007 | 3,849,827 | 1,085,500 | 3,171,093 | 209,310 |
| 2008 | 3,998,963 | 1,157,300 | 3,369,883 | 230,296 |

C.1 State Employees: Group Life Insurance Contracts in Force:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **State Employees** | | | |
|  | **Pre-Retirement** | | | **Post-**  **Retirement** |
| **Year** | **Basic** | **Supplemental** | **Additional** |
| 1999 | 50,799 | 37,856 | 19,506 | 11,961 |
| 2000 | 51,604 | 38,287 | 20,441 | 12,246 |
| 2001 | 53,735 | 39,752 | 21,949 | 12,489 |
| 2002 | 55,359 | 40,663 | 23,096 | 12,809 |
| 2003 | 56,087 | 41,003 | 23,721 | 13,112 |
| 2004 | 56,437 | 41,095 | 24,202 | 13,392 |
| 2005 | 56,594 | 41,049 | 24,474 | 13,720 |
| 2006 | 57,137 | 41,358 | 25,120 | 14,148 |
| 2007 | 57,907 | 41,813 | 25,851 | 14,729 |
| 2008 | 58,668 | 42,246 | 26,444 | 15,431 |

C.2 Local Government Employees: Contracts in Force:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Local Government Employees** | | | |
|  | **Pre-Retirement** | | | **Post-**  **Retirement** |
| **Year** | **Basic** | **Supplemental** | **Additional** |
| 1999 | 76,432 | 12,374 | 23,384 | 15,560 |
| 2000 | 78,674 | 13,754 | 25,126 | 16,097 |
| 2001 | 81,773 | 15,478 | 27,380 | 16,560 |
| 2002 | 83,438 | 16,604 | 29,106 | 16,841 |
| 2003 | 83,716 | 18,128 | 30,192 | 17,305 |
| 2004 | 83,598 | 18,901 | 30,926 | 17,750 |
| 2005 | 84,180 | 20,882 | 31,986 | 18,421 |
| 2006 | 84,928 | 21,753 | 32,904 | 19,187 |
| 2007 | 86,623 | 23,712 | 33,994 | 19,926 |
| 2008 | 87,150 | 24,444 | 34,430 | 20,912 |

D.1 Group Life Insurance Monthly Employee Premium Rates (Per $1,000 Coverage)

**Please see Appendix D for a complete premium rate history**

E.1 Group Life Insurance Claims Paid (Death, AD&D, Living Benefits) (Amounts in Thousands):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **State Employees** | | **Local Employees** | | **Total** |
| **Actives and Pre-Age 65 Retirement** | **Post-Age 65 Retirement** | **Actives and Pre-Age 65 Retirement** | **Post-Age 65 Retirement** |
| 1999 | 12,641 | 6,012 | 8,601 | 3,357 | $30,611,752 |
| 2000 | 10,200 | 6,192 | 8,736 | 3,377 | 28,504,740 |
| 2001 | 11,651 | 6,179 | 10,115 | 3,565 | 31,509,751 |
| 2002 | 12,711 | 6,843 | 11,409 | 3,873 | 34,835,870 |
| 2003 | 15,913 | 6,919 | 14,507 | 3,986 | 41,325,928 |
| 2004 | 15,372 | 7,598 | 13,839 | 4,288 | 41,096,662 |
| 2005 | 15,583 | 7,546 | 11,384 | 4,155 | 38,668,495 |
| 2006 | 16,649 | 8,480 | 14,794 | 4,551 | 44,474,144 |
| 2007 | 16,515 | 8,774 | 15,362 | 5,308 | 45,959,692 |
| 2008 | 13,711 | 8,707 | 17,484 | 4,467 | 44,369,083 |

F.1 State Employees: Spouse and Dependent Life Insurance:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Contracts in Force** | **Insurance in Force** | **Premiums Collected** | **Claims Paid** |
| 1999 | 23,738 | $547,785,000 | $1,184,785 | $1,212,835 |
| 2000 | 23,973 | 555,905,000 | 1,201,825 | 959,803 |
| 2001 | 24,513 | 572,335,000 | 1,227,716 | 1,017,237 |
| 2002 | 24,994 | 585,955,000 | 1,273,884 | 922,027 |
| 2003 | 25,064 | 590,340,000 | 1,303,679 | 1,363,388 |
| 2004 | 25,077 | 592,275,000 | 1,287,873 | 1,191,246 |
| 2005 | 24,583 | 582,575,000 | 1,291,050 | 1,075,980 |
| 2006 | 24,575 | 584,735,000 | 1,273,874 | 1,003,482 |
| 2007 | 24,762 | 592,020,000 | 1,283,469 | 1,094,710 |
| 2008 | 24,796 | 594,715,000 | 1,298,181 | 1,202,121 |

*(1) Premium and claim amounts reflect the current premium of $2.50 monthly and the*

*current benefit levels of $10,000 for spouse and $5,000 for dependent children, all per*

*unit of coverage.*

F.2 Local Government Employees: Spouse and Dependent Life Insurance:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Contracts in Force** | **Insurance in Force** | **Premiums Collected** | **Claims Paid** |
| 1999 | 32,808 | $771,135,000 | $1,169,133 | $1,432,740 |
| 2000 | 33,468 | 794,480,000 | 1,178,608 | 1,708,753 |
| 2001 | 34,885 | 829,425,000 | 1,213,917 | 1,605,553 |
| 2002 | 35,453 | 845,205,000 | 1,258,293 | 1,443,830 |
| 2003 | 35,366 | 844,175,000 | 1,269,424 | 1,344,795 |
| 2004 | 35,710 | 855,995,000 | 1,279,082 | 1,186,010 |
| 2005 | 36,075 | 868,055,000 | 1,297,899 | 1,446,228 |
| 2006 | 36,395 | 877,340,000 | 1,305,797 | 1,346,196 |
| 2007 | 36,861 | 893,160,000 | 1,333,177 | 1,710,331 |
| 2008 | 36,905 | 895,485,000 | 1,337,106 | 1,617,363 |

*(1) Premium and claim amounts reflect the current premium of $1.75 monthly and the*

*current benefit levels of $10,000 for spouse and $5,000 for dependent children, all per*

*unit of coverage.*

**V. Pooled Amounts as of December 31, 2009**

Volume in excess of $500,000 by age:

| **Age** | **Local** | **State** | **Total** |
| --- | --- | --- | --- |
|
| 17 | - | - | 0 |
| 18 | - | - | 0 |
| 19 | - | - | 0 |
| 20 | - | - | 0 |
| 21 | - | - | 0 |
| 22 | - | - | 0 |
| 23 | - | - | 0 |
| 24 | - | - | 0 |
| 25 | - | - | 0 |
| 26 | - | - | 0 |
| 27 | - | - | 0 |
| 28 | - | 70,000 | 70,000 |
| 29 | - | - | 0 |
| 30 | - | 345,000 | 345,000 |
| 31 | - | 855,000 | 855,000 |
| 32 | - | 245,000 | 245,000 |
| 33 | 150,000 | 460,000 | 610,000 |
| 34 | - | 205,000 | 205,000 |
| 35 | 70,000 | 542,000 | 612,000 |
| 36 | - | 2,565,000 | 2,565,000 |
| 37 | - | 1,420,000 | 1,420,000 |
| 38 | 45,000 | 3,683,000 | 3,728,000 |
| 39 | 525,000 | 2,357,000 | 2,882,000 |
| 40 | - | 1,645,000 | 1,645,000 |
| 41 | 254,000 | 2,406,000 | 2,660,000 |
| 42 | 180,000 | 3,259,000 | 3,439,000 |
| 43 | 270,000 | 3,664,000 | 3,934,000 |
| 44 | 525,000 | 5,992,000 | 6,517,000 |
| 45 | 560,000 | 2,974,000 | 3,534,000 |
| 46 | 250,000 | 5,355,000 | 5,605,000 |
| 47 | 552,000 | 5,016,000 | 5,568,000 |
| 48 | 347,000 | 4,505,000 | 4,852,000 |
| 49 | 235,000 | 4,972,000 | 5,207,000 |
| 50 | 540,000 | 4,167,000 | 4,707,000 |
| 51 | 439,000 | 4,289,000 | 4,728,000 |
| 52 | 310,000 | 5,553,000 | 5,863,000 |
| 53 | 924,000 | 3,101,000 | 4,025,000 |
| 54 | 400,000 | 8,665,000 | 9,065,000 |
| 55 | 303,000 | 5,609,000 | 5,912,000 |
| 56 | 115,000 | 3,925,000 | 4,040,000 |
| 57 | 129,000 | 6,895,000 | 7,024,000 |
| 58 | 40,000 | 3,454,000 | 3,594,000 |
| 59 | 635,000 | 2,909,000 | 3,544,000 |
| 60 | 340,000 | 4,355,000 | 4,695,000 |
| 61 | 471,000 | 3,674,000 | 4,145,000 |
| 62 | 24,000 | 3,194,000 | 3,218,000 |
| 63 | 45,000 | 5,850,000 | 5,895,000 |
| 64 | 230,000 | 721,000 | 951,000 |
| 65 | - | 827,000 | 827,000 |
| 66 | 359,000 | 1,952,000 | 2,311,000 |
| 67 | - | 1,477,000 | 1,477,000 |
| 68 | - | 450,000 | 450,000 |
| 69 | - | 37,000 | 37,000 |
| **TOTALS** | **$9,367,000** | **$123,639,000** | **$133,006,000** |

The following information is provided to assist in preparing your proposal. Due to document size and format, most of the information is provided as either a web address or separate document.

1. 2008 Policy Year Report <http://etf.wi.gov/boards/agenda_items_2009/gib20090825_items/Item4.pdf>
2. Group Life Insurance Policy No 2832-G with Amendments
3. Wisconsin Public Employers Group Life Insurance Program Administrative Agreement with Amendments
4. Wisconsin Statutes Chapter 40 <http://www.legis.state.wi.us/statutes/Stat0040.pdf>
5. Wisconsin Administrative Code, Employee Trust Funds <http://www.legis.state.wi.us/rsb/code/etf/etf.html>
6. Wisconsin Public Employers Group Life Insurance Forms and Brochures <http://etf.wi.gov/publications/insurance.htm>
7. Department of Employee Trust Funds Internet Site <http://etf.wi.gov>

|  |  |
| --- | --- |
|  |  |

1. Wisconsin Public Employers Group Life Insurance Program brochure (ET-2101) [http:/etf.wi.gov/publications/et2101.pdf](http://etf.wi.gov/publications/et2101.pdf)