# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

Actuarial Memorandum

January 2020

Long Term Care Insurance Policy:
Form BG01P(06/04)-MD
Long Term Care Insurance Policy:
Form BG01P(01/09)-MD

Berkshire Life Insurance Company of America (Berkshire Life) is requesting a rate increase on the above listed Long-Term Care (LTC) policy forms. Policy form BG01P(06/04)-MD was issued in Maryland from 2004 through 2009 under product name "Care ProVider" and is referred to as "BG01" in this actuarial memorandum. Policy form BG01P(01/09)-MD was issued in Maryland from 2009 through 2012 under product name "LTC Choice ProVider" and is referred to as "BG04" in this memorandum. The above policy forms are no longer being marketed in any jurisdiction.

## 1. Purpose of Filing

This is a rate increase filing for existing Long-Term Care policy forms. This actuarial memorandum has been prepared for the purpose of demonstrating that the requested rate increase meets the minimum requirements of the 2014 National Association of Insurance Commissioners (NAIC) Long-Term Care Insurance Model Regulation and the applicable regulatory requirements of this jurisdiction. It may not be suitable for other purposes.

## 2. Scope of Filing

This filing applies to the Company's LTC policy forms as specified above. These forms provide daily benefit for qualified long-term care services in various settings, as summarized in Exhibit A, when the insured meets policy benefit qualification requirements.

The forms included in this filing are individual LTC policies that are guaranteed renewable for life, subject to the Company's right to change premium rates.

These policy forms were issue age rated and fully underwritten. The issue ages were from 40 to 84 on an age nearest birthday basis, except for endorsed groups where the issue age range was 18 to 84 in some jurisdictions. Strict underwriting criteria were administered with frequent utilization of medical records and paramedical functional assessments, personal history interviews and MIB searches.

# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

## Actuarial Memorandum

January 2020

These policy forms were marketed by individual agents of Berkshire Life Insurance Company of America.

The proposed rate increase is applicable to all inforce policies as these forms are no longer being marketed. Paid-up policies will not receive a rate increase.

The number of policyholders and the annual inforce premium, as of December 2018, are displayed in Exhibits A1 and A2. The exhibits also show the average annual premium before and after proposed rate increase.

## 3. Reason for the Increase

A rate increase is necessary at this time due to significantly higher anticipated future and lifetime loss ratios. The higher loss ratios are a result of a combination of lower lapse, lower death, longer claim continuance, and lower investment earnings on the assets.

Berkshire Life has been evaluating this block and updating assumptions based on the actual experience as well as the industry experience. For the policy forms specified above, projected experience is now worse than what original pricing assumptions were projecting. The combined effect of updating the lapse, mortality and morbidity assumptions to better reflect the actual experience, as well as industry data, resulted in the need for a rate increase.

The current premium levels are inadequate. Therefore, the Company is requesting a rate increase to help alleviate the adverse performance on this block of business. Implementing a necessary rate increase earlier reduces the amount of the rate increase.

## 4. Requested Rate Increase

The Company is requesting the approval of the following increases:
BG01: A flat increase of $20 \%$ on the current base rates.
BG04: Two-year phase-in flat increase of $15 \%$ each year on the current base rates; this is a cumulative $32.25 \%$ increase on the current base rates.

# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

## Actuarial Memorandum

January 2020

The increase does not vary by issue age or other policy characteristics. The new premium for any contract is equal to the product of the contract's current premium and one plus the base premium increase percentage. Paidup policies will not be affected by the rate increase.

Please see Exhibits B1 \& B2 for rate tables reflecting the rate increase:
Exhibit B1: BG01 proposed rates
Exhibit B2: BG04 proposed rates

Please note that the actual rates implemented may vary from those in the rate pages slightly due to implementation rounding algorithms.

## 5. History of Previous Rate Revisions

a. BG01

A $15 \%$ increase was approved on October 9, 2014. A second increase of $10 \%$ was approved on March 3, 2016.
b. BG04

No prior rate increase has been requested for this policy form.

## 6. Actuarial Assumptions

a. Interest

The maximum valuation interest rate for contract reserves has been used for accumulating historical experience and for discounting projected future experience.
Maximum Valuation Interest Rate: BG01: 4.5\%
BG04: 4.0\%
b. Lapse

The current best estimate ultimate lapse rate is assumed to be $0.65 \%$, formulated by analyzing the trend in lapse rates of later policy durations for the reinsurer's entire similarly underwritten and

# Berkshire Life Insurance Company of America <br> <br> Home Office: Pittsfield, Massachusetts <br> <br> Home Office: Pittsfield, Massachusetts Company NAIC No. 71714 <br> <br> Administrative Office: Post Office Box 4243 <br> <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

Actuarial Memorandum

January 2020
administered block of LTC policies. Exhibit C shows the reinsurer's actual to expected lapse experience by duration where the expected is based on current best estimate assumptions.
c. Mortality

The current best estimate mortality assumptions are also based on the reinsurer's combined experience. The attained age mortality is assumed to be $100 \%$ of the 2012 IAR Table, which consists of the 2012 IAM Period Table along with the use of Scale G2 to project future mortality improvements beyond 2012, with duration selection factors, varied by joint vs. single, shown in Exhibit D1. Mortality selection factors for Single grade from $20 \%$ to $100 \%$ over 16 years while selection factors for Joint grade from $20 \%$ to $100 \%$ over 21 years.

Exhibit D2 includes a comparison of actual deaths and expected deaths based on best estimate assumptions for the combined reinsurer's block of LTC policies.
d. Morbidity

The current best estimate morbidity assumptions are based on the experience of the reinsurer's entire similarly underwritten and administered block of LTC policies as well. Studies are performed for incidence, continuance, utilization, and recovery from claim data. Incidence rates by gender, marital status, and attained age have been developed.

Claim continuance rates are derived from reinsurer data that has been credibility blended with the latest industry data. Recovery and return to active status is based on the policyholders' attained ages at the time their claims are incurred, grading down from $59 \%$ of all claims at age 40 , to $8.5 \%$ at age 99 , and then $0 \%$ at age 120. Utilization factors are then applied to the claim costs, which are as follows: $73 \%$ for COLA reimbursement policies and $90 \%$ for non-COLA reimbursement policies. No underwriting selection durational factors or morbidity improvements are assumed in the projection.

Policy design features have been taken into consideration. Benefit provisions, elimination periods, benefit periods, number of units, benefit growth, etc. have been accounted for either in the development of claim costs or projection model formulas.

Exhibit E1 shows the best estimate incidence rates by gender and marital status. Exhibit E2 demonstrates the best estimate lengths of stay for lifetime benefit period, 90-day elimination period policies with and without 5\% Compound COLA.

Attachments E3 and E4 contain the analysis of actual to expected incidence and termination respectively,

# Berkshire Life Insurance Company of America <br> <br> Home Office: Pittsfield, Massachusetts <br> <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> <br> Administrative Office: Post Office Box 4243 <br> <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

## Actuarial Memorandum

January 2020
with expected based on best estimate assumptions, for the combined reinsurer LTC blocks.

## e. Expenses

Expenses have not been explicitly projected. It is assumed that the originally filed expense assumptions remain appropriate.
f. Rate Increase Impact on Policyholder Behavior

At the time of a rate increase, policyholders have the option to elect a Contingent Benefit Upon Lapse (CBUL) or reduced benefit options (RBO). An increase in morbidity for adverse selection due to the rate increase is also assumed based on the percentage of policyholders that elect CBUL and RBO.

Policyholders who elect a CBUL are modeled as a shock lapse. The shock lapse assumption represents policyholders who are assumed to drop their policies instead of accepting a rate increase. The RBO assumption represents policyholders who are assumed to choose to reduce benefits in order to offset all or some of the rate increase. Adverse selection associated with the requested increase is a function of CBUL and RBO election. The reasoning for a permanent shift in morbidity due to adverse selection is that the insureds remaining after the increase are those who choose to accept the rate increase (i.e., the insureds who think they will use the policy) and are a less healthy population (will use more benefits) than the prefiling cohort. For those who lapse the policy, the assumption is that the insureds are healthier and less likely to need the policy as they do not value the policy enough to pay a higher premium.

The following provides approximate averages for these assumptions: $3 \%$ shock lapse, $11 \%$ RBO election rate, and $2 \%$ morbidity increase due to adverse selection.

The projections in Attachments F1 and G1 assume half of the rate increase is expected to occur in 2020 and the other half in 2021. The projections in Attachments F2 and G2 assume half of the $1^{\text {st }}$ phase increase is expected to occur in 2020 and the other half in 2021, and assume half of the $2^{\text {nd }}$ phase increase is expected to occur in 2021 and the other half in 2022.

The above assumptions are based on the experience of policies issued by the Company, reinsurer and industry experience, and actuarial judgement. The best estimate assumptions reflect an estimate of the most likely outcome and do not reflect an explicit margin for conservatism.

# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

Actuarial Memorandum

January 2020

## 7. Area Factors and Trend Assumptions

Area factors were not used in pricing for the above listed policy forms. As this is not medical insurance, an explicit medical cost trend is not included in the projections.

## 8. Reserves

Active life reserves have not been used in this rate increase analysis. Claim reserves as of December 31, 2018 have been discounted to the incurral date of each respective claim and included in historical incurred claims. Incurred but not reported reserve (IBNR) balances as of December 31, 2018 have been allocated to a calendar year of incurral and included in historical incurred claims. Paid claims have been discounted to the incurral date and included in historical incurred claims. Claim reserves are calculated for active and pending claimants as present value of benefit payments discounted by interest and terminations. The IBNR is based on lag factors which are applied to the claim reserves and survivor payments based on the difference between the incurral date and the valuation date.

## 9. Past and Future Policy Experience

Earned premiums and incurred claims for projection years 2019 through 2058 are developed from an active lives model representing actual contracts inforce as of December 31, 2018. The best estimate assumptions described above for morbidity, voluntary lapse and mortality are used to project earned premiums and incurred claims.

Nationwide and statewide historical experience and projections before and after proposed rate increase are shown as follows:

| Policy Form | Nationwide | Maryland |
| :---: | :---: | :---: |
| BG01 | Exhibit F1 | Exhibit G1 |
| BG04 | Exhibit F2 | Exhibit G2 |

Historical experience is shown by claim incurral year with the loss ratio for each loss year calculated by the following formula:

# Berkshire Life Insurance Company of America 

## Home Office: Pittsfield, Massachusetts

Company NAIC No. 71714

## Administrative Office: Post Office Box 4243

 Woodland Hills, California 91365-4243
## Actuarial Memorandum

January 2020

$$
L R_{j}=\frac{\sum_{t=j}^{2018} P m t_{t}^{j} \times v^{t-j}+{ }_{j} C R_{2018} \times v^{2018-j+0.5}+{ }_{j} I B N R_{2018} \times v^{2018-j+0.5}}{E P_{j}}
$$

$\boldsymbol{L} \boldsymbol{R}_{j}=$ loss ratio for year $j$
$\boldsymbol{P m} \boldsymbol{t}_{t}{ }^{j}=$ claim payments in year $t$ on claims incurred in year $j$, assumed to occur midyear
${ }_{j} \boldsymbol{C R}_{2018}=$ claim reserve held on December 31, 2018 for claims incurred in year $j$
${ }_{j} \boldsymbol{I B N R}_{2018}=$ incurred but not reported reserve as of December 31, 2018 attributable to claims incurred in year $j$
$\boldsymbol{E P} \boldsymbol{P}_{j}=$ earned premium in year $j$, assumed mid-year
$\boldsymbol{j}=$ year of incurral

- BG01: $\boldsymbol{v}=1 / 1.045=0.956938$
- BG04: $\boldsymbol{v}=1 / 1.04=0.961538$

Future anticipated loss ratio is calculated, with and without interest, as anticipated incurred claims divided by earned premiums. Lifetime loss ratio as of December 31, 2018 is calculated as the sum of accumulated past experience and discounted future experience where accumulation and discounting occur at the maximum valuation interest rate.

## 10. Analysis Performed

The originally approved premium schedule was based on pricing assumptions believed to be appropriate, given industry experience available when the originally approved rate schedule was developed. The original pricing assumptions for voluntary lapse, mortality and claim costs were as follows:

## a. Original Pricing Ultimate Lapse

BG01: 2.00\%
BG04: 0.75\%
b. Original Pricing Mortality

BG01: 1983 GAM
BG04: 1994 GAM with duration selection factors.
c. Original Pricing Morbidity

Original pricing claim costs for skilled, intermediate and Facility Care Benefits are derived from The Reports of the Society of Actuaries based on the 1985 National Nursing Home Survey Utilization Data in Transactions, Society of Actuaries, 1988-89-90 Reports; and the Long Term Care

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## Actuarial Memorandum

January 2020

Intercompany Study: 1984-1991 Experience in Transactions, Society of Actuaries, 1993-94 Reports. Claim costs factors shown in the original actuarial memorandum are applied to the inforce lives and represent the expected cost per life of incurred benefits.

Original pricing claim costs for Home and Community Based Care are decreasing percentages of Facility Care claims costs derived from information provided by a reinsurer.

Underwriting selection durational factors are:
BG01: $10 \%, 20 \%, 40 \%, 60 \%, 80 \%, 100 \%$ for durations $6 \&$ later.
BG04:
Single: $35 \%, 40 \%, 45 \%, 50 \%, 60 \%, 80 \%, 90 \%, 100 \%$ durations $8 \&$ later.
Joint: $21 \%, 24 \%, 27 \%, 30 \%, 36 \%, 38 \%, 48 \%, 54 \%, 60 \%, 66 \%, 72 \%, 78 \%, 84 \%, 90 \%, 96 \%$, $100 \%$ for durations $15 \&$ later.

## d. Original Pricing Interest

BG01: 4.5\%
BG04: 5.5\%

As part of the inforce management of the business, the reinsurer and administrator of the business monitor the performance of the business by completing periodic actual-to-expected analysis for voluntary lapse, mortality, claim incidence, and claim termination. The findings from these analyses were used in projecting the inforce business to determine the effect of experience on the projected lifetime loss ratio. An analysis of the projected lifetime loss ratio based on current best estimate assumptions compared to that assumed at the time of original pricing revealed that experience had deteriorated significantly.

The best estimate assumptions used in this filing (described in Section 6) are based on actual inforce experience of the Company, experience of the reinsurer's similarly underwritten and administered LTC products, industry experience, and actuarial judgement. Actual persistency and claim continuance have been higher than what were assumed in original pricing.

## 11. Loss Ratio Requirement Compliance Demonstration

Exhibits F (nationwide) and G (statewide) show actual and projected experience using current best estimate assumptions. Actual experience is provided from inception through 2018 and then projected on a seriatim basis

# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> <br> Administrative Office: Post Office Box 4243 <br> <br> Administrative Office: Post Office Box 4243 <br> Woodland Hills, California 91365-4243 

## Actuarial Memorandum

January 2020
for 40 years using the current assumptions described above in Section 6. Included in Exhibits F and G are calendar year earned premiums, incurred claims, annual loss ratios, and cumulative loss ratios. As shown in Exhibits F and G , the anticipated lifetime loss ratios with the requested rate increase exceed the minimum loss ratio required by pre-rate stability regulation.

Exhibits I1 and I2, for BG01 and BG04 respectively, demonstrate that the requested rate increase meets the $58 \% / 85 \%$ minimum loss ratio test under moderately adverse conditions as required by post-rate stability regulation. These exhibits show that the sum of the accumulated value of incurred claims without the inclusion of active life reserves, and the present value of future projected incurred claims, without the inclusion of active life reserves, will not be less than the sum of the following:
a. Accumulated value of the initial earned premium times $58 \%$,
b. $85 \%$ of the accumulated value of prior premium rate schedule increases,
c. Present value of future projected initial earned premiums times $58 \%$, and
d. $85 \%$ of the present value of future projected premiums in excess of the projected initial earned premiums.

Present and accumulated values in the lifetime projections in Exhibits I1 and I2 are determined at the maximum valuation interest rate for contract reserves applicable to long-term care business issued in the years in which the applicable business of this filing was issued.

## 12. Proposed Effective Date

The rate increase will apply to policies on their policy anniversary date following at least a 60 -day policyholder notification period after approval.

## 13. Nationwide Distribution of Business as of December 31, 2018

As of December 31, 2018, the number of policies in force that will be affected by this increase by policy form is shown in the following Exhibits:

| Policy Form | Nationwide | Maryland |
| :---: | :---: | :---: |
| BG01 | Exhibit H1 | Exhibit H3 |
| BG04 | Exhibit H2 | Exhibit H4 |

# Berkshire Life Insurance Company of America <br> Home Office: Pittsfield, Massachusetts <br> Company NAIC No. 71714 <br> <br> Administrative Office: Post Office Box 4243 <br> <br> Administrative Office: Post Office Box 4243 Woodland Hills, California 91365-4243 

## Actuarial Memorandum

January 2020

## 14. Actuarial Certification

I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Academy's qualification standards for preparing health rate filings and am familiar with the requirements for filing long-term care insurance premium rate increases.

This memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including ASOP No. 8 and No. 18.

The data used to develop this actuarial memorandum was provided by LifeCare Assurance Company, the administrator of the policies, and Employers Reassurance Corporation, the reinsurer of the business. I have reviewed the data for reasonableness.

To the best of my knowledge and judgement, I hereby certify that:

- this rate submission is in compliance with the applicable laws and regulations of the jurisdiction where it is filed;
- policy design, underwriting, and claims adjudication practices have been taken into consideration;
- the rates are not excessive or unfairly discriminatory, and bear reasonable relationship to the benefits based on the loss ratio standards of this jurisdiction;
- this filing will enhance premium adequacy, but may not be sufficient to prevent future rate action. Additional rate increases are needed to certify the rates will remain stable under moderately adverse conditions; and
- the relationship between renewal premium rate schedules and new business premium rate schedules is not applicable because the company is no longer marketing new business in any states.


Xiaoyan Song, FSA, MAAA, FLMI, LTCP
Consulting Actuary
Date: January 3, 2020

|  |  | Berkshire Life Insurance Company of America Policy Forms: BG01P(06/04) \& BG01P(01/09) |  |
| :---: | :---: | :---: | :---: |
|  | Exhibit A: Benefit Summary (does not reflect state variations) |  |  |
| General Information | Care ProVider [BG01P(06/04)] | LTC Choice ProVider [BG01P(01/09)] |  |
| Tax Qualified only | Yes | Yes |  |
| Available Coverage | Facility Care Only or Comprehensive | Facility Care Only or Comprehensive |  |
| Benefit Trigger | 2 of 6 ADL's or Severe Cognitive Impairment | 2 of 6 ADL's or Severe Cognitive Impairment |  |
| Benefit Pool | Yes | Yes |  |
| Underwriting classes | Preferred Plus, Preferred, Standard | Preferred Plus, Preferred, Standard, Substandard 1 and 2 |  |
| Employer/Association Group Discount | $10 \%$ for all ages | $5 \%$ for all ages |  |
| Available Issue Ages | $40-84$ (age nearest birthday) | $40-84$ (age nearest birthday) <br> 18-84 (age nearest, Employer/Association Groups) |  |
| Maximum Daily Benefit Amount | $\$ 50$ to $\$ 300$ ( $\$ 10$ increments). $\$ 350$ maximum in Metro New York area, Fairfield County CT, and Alaska | \$50 to $\$ 400$ (\$10 increments) |  |
| Benefit Period | 3 yrs, 4 yrs, 5 yrs, Lifetime | 3 yrs , 4 yrs, 5 yrs, 6 yrs, Lifetime |  |
| Payment Options | Lifetime, Paid-up at 65; 10-year pay | Lifetime, Paid-up at 65; 10-year pay, Step Rated Premium Payment (available with 5\% Compound Inflation and Lifetime pay) |  |
| Elimination period | 0, 30, 90, 180 days | 0, 30, 90, 180 days |  |
| Emergency Response System | If benefits are being received under HCCS, will reimburse for charges incurred up to $\$ 50$ monthly. Benefits paid are deducted from the benefit amount. | If benefits are being received under HCCS, will reimburse for charges incurred up to $\$ 50$ monthly. Benefits paid are deducted from the benefit amount. |  |
| Caregiver Training | Lifetime maximum of 5 times the daily benefit. Not subject to the elimination period. Benefits paid are deducted from the benefit amount. | Lifetime maximum of 5 times the daily benefit. Not subject to the elimination period. Benefits paid are deducted from the benefit amount. |  |
| Respite Care Benefit | Maximum of 30 days per calendar year. Not subject to the elimination period. Benefits paid are deducted from the benefit amount. | Maximum of 30 days per calendar year. Not subject to the elimination period. Benefits paid are deducted from the benefit amount. |  |
| Alternative Plan of Care | Lifetime maximum of 50 times the daily benefit. | Lifetime maximum of 50 times the daily benefit. |  |
| Facility Bed Reservation Benefit | 30 days per calendar year. Benefits paid are deducted from the benefit amount. | 30 days per calendar year. Benefits paid are deducted from the benefit amount. |  |
| Waiver of Premium | After 90 days confinement in a Nursing Facility or Assisted Living Facility. Premiums paid during the 90 -day period are considered unearned and also returned. | After 90 days confinement in a Nursing Facility or Assisted Living Facility. Premiums paid during the 90 -day period are considered unearned and also returned. |  |
| Coverage Outside of U.S, Canada, and U.S. Territories | 30 days per calendar year. | 30 days per calendar year. |  |
| Optional Personal Care Advisor | If requested, will assist with questions such as eligibility for benefits, appropriate levels of care, availability of facilities and other care and resources. No benefits will be deducted from the Benefit Amount for their use. | If requested, will assist with questions such as eligibility for benefits, appropriate levels of care, availability of facilities and other care and resources. No benefits will be deducted from the Benefit Amount for their use. |  |
| Optional Care Coordination | If requested, will assist with assessing and coordinating appropriate care and services, providing assistance in developing a Plan of Care, and assisting with necessary Claims documentation. No benefits will be deducted from the Benefit Amount for their use. | If requested, will assist with assessing and coordinating appropriate care and services, providing assistance in developing a Plan of Care, and assisting with necessary Claims documentation. No benefits will be deducted from the Benefit Amount for their use. |  |
| Renewability | Guaranteed renewable for life | Guaranteed renewable for life |  |
| Riders/Endorsements | Description | Care ProVider (BG01(06-04)) | LTC Choice ProVider (BG01(01-09)) |
| X\% Compound Inflation | Each policy anniversary, the daily benefit will increase by $\mathrm{X} \%$ of the previous year's daily benefit amount, with a corresponding increase in the Benefit Amount. | Available at $3 \%$ and $5 \%$ | Available at $3 \%, 4 \%, 5 \%$, and $6 \%$ |
| 5\% Step-Rated Compound Inflation | Step Rated Premium Payment Option - optional payment method available with 5\% Compound Inflation only. Rider premiums increase by same amount on each policy anniversary. | Not Available | Available |
| Monthly Benefit Rider | Changes the HCCS benefit from a daily to a monthly benefit, which will pay up to 31 times the daily benefit, based upon actual HCCS charges. | Available | Available |
| Waiver of Premium Rider | Waives the premium after receiving 90 days of HCCS benefits (regardless of the | Available | Available |
| Indemnity Benefit Rider | Upon meeting eligibility for payment of benefits, for days on which eligible care is received, benefits payable for covered services will be equal to the full daily benefit amount. | Available | Available |
| Paid-up Survivor Benefit Rider | The policy becomes paid up, with no further premiums due upon the end of the 10th policy year AND the date of death of either insured. | Available | Available |
| Personal Caregiver Rider | Benefits payable for covered services will be equal to the full daily benefit, regardless of the amount of the charges incurred. This includes payment to non-professional caregivers, including unpaid family and friends. | Available | Not available |
| Restoration of Benefits Rider | Benefits paid for a single claim period will not exceed benefit amount of policy. Benefits may be restored if for a period of 180 days if a) the policy remains inforce, b) the insured is not eligible for benefits because they have recovered, and c) insured has not received benefits under the policy. Restoration limited to twice the benefit amount. | Available | Available |
| Return of Premium Rider | If the insured dies (last to die under joint coverage) while the policy is inforce, the total premiums paid less the total of benefits paid, will be returned to the beneficiary. | Available | Not Available |
| Full Return of Premium Rider | If the insured dies (last to die under joint coverage) while the policy is inforce, the total premiums paid will be returned to the beneficiary (no deduction is made for benefits paid). | Not Available | Available |
| Shortened Benefit Period Nonforfeiture Rider | If policy inforce for 3 or more years and policy lapses for nonpayment of premium, coverage will continue at the daily benefit at time of lapse. The new benefit amount becomes equal to the greater of the total premiums paid or 30 times the daily benefit. | Available | Available |
| Optional Policy Surrender Rider | Upon surrender of the policy after the first 5 policy years, $80 \%$ of the premiums paid will be returned to the policyholder, subject to evidence of insurability. If sufficient evidence of insurability not provided, $80 \%$ of the premiums paid will provide a lifetime monthly income | Not Available | Not Available |
| First Day HCCS Rider | If otherwise satisfy the Payment of Benefits provision, we will waive any Elimination Period required for HCCS benefits. Days on which HCCS benefits are payable will count towards satisfaction of the Elimination Period for Facility Care Services. | Not Available | Available |
| Shared Benefit Amount Rider | Provides a third shared benefit pool, available to either or both insureds who have exhausted their own benefit pool on the base policy. | Not Available | Available |
| Paid Up at Age 65 Premium Payment Endorsement | Premiums are payable until age 65 (first to reach age 65 under joint coverage), after which no further premiums will be due. | Available | Available |
| 10- Year Premium Payment Endorsement | Premiums payable over a 10 year period, after which no further premium is due. | Available | Available |

## Berkshire Life Insurance Company of America

Rate Increase Impact Exhibit
Exhibit A1
Policy Form: BG01P(06/04)

| Maryland | BG01P(06/04)-MD |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Cost of Living Adjustment |  |  |  |
|  | None | Compound 5\% | Compound 3\% | Total |
|  |  |  |  |  |
| Number of Policies | 10 | 108 | 48 | 166 |
| Current Premium | $\$ 47,441$ | $\$ 661,986$ | $\$ 217,254$ | $\$ 926,681$ |
| Current Average Premium | $\$ 4,744$ | $\$ 6,130$ | $\$ 4,526$ | $\$ 5,582$ |
| New Premium | $\$ 56,929$ | $\$ 794,383$ | $\$ 260,705$ | $\$ 1,112,017$ |
| New Average Premium | $\$ 5,693$ | $\$ 7,355$ | $\$ 5,431$ | $\$ 6,699$ |
| Average Rate Increase | $20.00 \%$ | $20.00 \%$ | $20.00 \%$ | $20.00 \%$ |


| Nationwide | BG01P(06/04) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Cost of Living Adjustment |  |  |  |
|  | None | Compound 5\% | Compound 3\% | Total |
|  |  |  |  |  |
| Number of Policies | 679 | 2,584 | 1,562 | 4,825 |
| Current Premium | $\$ 2,266,717$ | $\$ 15,285,416$ | $\$ 7,008,728$ | $\$ 24,560,861$ |
| Current Average Premium | $\$ 3,338$ | $\$ 5,915$ | $\$ 4,487$ | $\$ 5,090$ |
| New Premium | $\$ 2,720,061$ | $\$ 18,342,499$ | $\$ 8,410,473$ | $\$ 29,473,033$ |
| New Average Premium | $\$ 4,006$ | $\$ 7,098$ | $\$ 5,384$ | $\$ 6,108$ |
| Average Rate Increase | $20.00 \%$ | $20.00 \%$ | $20.00 \%$ | $20.00 \%$ |


| Maryland | BG01P(06/04)-MD |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Payment Period |  |  |  |
| 10 Pay | Paid up at 65 | Total |  |  |
|  | Lifetime Pay |  |  |  |
|  |  | 7 | 13 | 166 |
| Number of Policies | 146 | 7 | $\$ 74,374$ | $\$ 926,681$ |
| Current Premium | $\$ 732,034$ | $\$ 120,273$ | $\$ 5,721$ | $\$ 5,582$ |
| Curent Average Premium | $\$ 5,014$ | $\$ 17,182$ | $\$ 89,248$ | $\$ 1,112,017$ |
| New Premium | $\$ 878,441$ | $\$ 144,328$ | $\$ 6,865$ | $\$ 6,699$ |
| New Average Premium | $\$ 6,017$ | $\$ 20,618$ | $20.00 \%$ | $20.00 \%$ |
| Average Rate Increase | $20.00 \%$ | $20.00 \%$ |  |  |


| Nationwide | BG01P(06/04) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Payment Period |  |  | Total |
|  | Lifetime Pay | 10 Pay | Paid up at 65 |  |
| Number of Policies | 3,992 | 707 | 126 | 4,825 |
| Current Premium | \$16,801,200 | \$7,003,157 | \$756,504 | \$24,560,861 |
| Current Average Premium | \$4,209 | \$9,905 | \$6,004 | \$5,090 |
| New Premium | \$20,161,440 | \$8,403,788 | \$907,805 | \$29,473,033 |
| New Average Premium | \$5,050 | \$11,887 | \$7,205 | \$6,108 |
| Average Rate Increase | 20.00\% | 20.00\% | 20.00\% | 20.00\% |

## Berkshire Life Insurance Company of America

Rate Increase Impact Exhibit
Exhibit A2
Policy Form: BG01P(01/09)

| Maryland | BG01P(01/09)-MD |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost of Living Adjustment |  |  |  |  |  | Total |
|  | None | Compound 6\% | Compound 5\% | Compound 4\% | Compound 3\% | Step Pay Compound 5\% |  |
| Number of Policies | 11 | 1 | 49 | 4 | 12 | 1 | 78 |
| Current Premium | \$33,910 | \$6,595 | \$344,643 | \$14,675 | \$79,463 | \$3,743 | \$483,028 |
| Current Average Premium | \$3,083 | \$6,595 | \$7,034 | \$3,669 | \$6,622 | \$3,743 | \$6,193 |
| New Premium | \$44,846 | \$8,722 | \$455,790 | \$19,407 | \$105,090 | \$4,950 | \$638,805 |
| New Average Premium | \$4,077 | \$8,722 | \$9,302 | \$4,852 | \$8,757 | \$4,950 | \$8,190 |
| Average Rate Increase | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% |


| Nationwide | BG01P(01/09) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost of Living Adjustment |  |  |  |  |  |  |
|  | None | Compound 6\% | Compound 5\% | Compound 4\% | Compound 3\% | Step Pay Compound 5\% | Total |
| Number of Policies | 728 | 37 | 1,506 | 144 | 452 | 24 | 2,891 |
| Current Premium | \$3,227,430 | \$271,533 | \$10,653,197 | \$822,357 | \$2,494,247 | \$114,902 | \$17,583,666 |
| Current Average Premium | \$4,433 | \$7,339 | \$7,074 | \$5,711 | \$5,518 | \$4,788 | \$6,082 |
| New Premium | \$4,268,277 | \$359,102 | \$14,088,853 | \$1,087,567 | \$3,298,642 | \$151,958 | \$23,254,398 |
| New Average Premium | \$5,863 | \$9,705 | \$9,355 | \$7,553 | \$7,298 | \$6,332 | \$8,044 |
| Average Rate Increase | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% | 32.25\% |


| Maryland | BG01P(01/09)-MD |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Payment Period |  |  | Total |
|  | Lifetime Pay | 10 Pay | Paid up at 65 |  |
| Number of Policies | 62 | 16 | 0 | 78 |
| Current Premium | \$286,189 | \$196,839 | \$0 | \$483,028 |
| Current Average Premium | \$4,616 | \$12,302 | \$0 | \$6,193 |
| New Premium | \$378,485 | \$260,320 | \$0 | \$638,805 |
| New Average Premium | \$6,105 | \$16,270 | \$0 | \$8,190 |
| Average Rate Increase | 32.25\% | 32.25\% | 0.00\% | 32.25\% |


| Nationwide | BG01P(01/09) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Lifetime Pay | Payment Period <br> 10 Pay | Paid up at 65 | Total |
|  |  |  |  |  |
| Number of Policies | 2,093 | 765 | 33 | 2,891 |
| Current Premium | $\$ 9,014,257$ | $\$ 8,384,927$ | $\$ 184,481$ | $\$ 17,583,666$ |
| Current Average Premium | $\$ 4,307$ | $\$ 10,961$ | $\$ 5,590$ | $\$ 6,082$ |
| New Premium | $\$ 11,921,355$ | $\$ 11,089,066$ | $\$ 243,977$ | $\$ 23,254,398$ |
| New Average Premium | $\$ 5,696$ | $\$ 14,496$ | $\$ 7,393$ | $\$ 8,044$ |
| Average Rate Increase | $32.25 \%$ | $32.25 \%$ | $32.25 \%$ | $32.25 \%$ |

Berkshire Life Insurance Company of America
Policy Form: BG01P(06/04)-MD
Exhibit B1
Rates and Factors After Proposed Increase ( (20\%)
Individual / Select Risk / Lifetime Benefit Period / 90 Day Elimination Period

|  |  |  | PREMIUM AND RIDER FACTORS |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Issue | Facility Care | ${ }_{\text {Comprehensive }}$ | Comp | flation | ${ }^{\text {Return Of }}$ | ${ }_{\text {SBP }}$ |  | Paid Up | Lim | CIP | HCCS | $\xrightarrow{\text { Paid Up }}$ Surs |
| Age | Service | Care | 5\% | 3\% | Premium | Nonforf | 10-Pay | at 65 | 5\% | 3\% | Waiver | Survivor |
| 40 | 48.57 | 60.72 | 3.500 | 2.170 | 1.224 | 1.600 | 2.098 | 1.259 | 5.635 | 3.494 | 1.037 | 1.400 |
| 41 | 51.00 | 63.75 | 3.450 | 2.140 | 1.233 | 1.600 | 2.048 | 1.262 | 5.481 | 3.400 | 1.040 | 1.400 |
| 42 | 53.42 | 66.79 | 3.400 | 2.110 | 1.242 | 1.600 | 1.998 | 1.266 | 5.328 | 3.306 | 1.042 | 1.400 |
| 43 | 56.11 | 69.82 | 3.350 | 2.070 | 1.251 | 1.600 | 1.983 | 1.270 | 5.174 | 3.197 | 1.045 | 1.400 |
| 44 | 58.81 | 72.86 | 3.300 | 2.030 | 1.260 | 1.600 | 1.967 | 1.273 | 5.020 | 3.088 | 1.047 | 1.400 |
| 45 | 60.26 | 74.37 | 3.250 | 1.990 | 1.269 | 1.600 | 1.952 | 1.277 | 4.867 | 2.980 | 1.050 | 1.400 |
| 46 | 62.97 | 77.41 | 3.150 | 1.980 | 1.278 | 1.600 | 1.937 | 1.325 | 4.573 | 2.912 | 1.052 | 1.400 |
| 47 | 65.67 | 80.44 | 3.050 | 1.970 | 1.287 | 1.600 | 1.922 | 1.373 | 4.297 | 2.845 | 1.055 | 1.400 |
| 48 | 69.74 | 85.00 | 2.950 | 1.960 | 1.296 | 1.600 | 1.903 | 1.421 | 4.034 | 2.778 | 1.057 | 1.400 |
| 49 | 73.81 | 89.55 | 2.850 | 1.950 | 1.305 | 1.600 | 1.884 | 1.469 | 3.863 | 2.710 | 1.060 | 1.400 |
| 50 | 79.14 | 95.62 | 2.750 | 1.940 | 1.314 | 1.600 | 1.865 | 1.517 | 3.746 | 2.643 | 1.062 | 1.400 |
| 51 | 83.20 | 100.18 | 2.700 | 1.910 | 1.323 | 1.600 | 1.846 | 1.565 | 3.651 | 2.583 | 1.065 | 1.400 |
| 52 | 87.27 | 104.73 | 2.650 | 1.890 | 1.332 | 1.600 | 1.826 | 1.613 | 3.555 | 2.536 | 1.067 | 1.400 |
| 53 | 93.33 | 110.80 | 2.600 | 1.870 | 1.341 | 1.600 | 1.803 | 1.661 | 3.519 | 2.531 | 1.070 | 1.400 |
| 54 | 100.65 | 118.40 | 2.550 | 1.850 | 1.350 | 1.600 | 1.780 | 1.709 | 3.473 | 2.519 | 1.072 | 1.400 |
| 55 | 106.71 | 124.47 | 2.500 | 1.830 | 1.368 | 1.600 | 1.757 | 1.757 | 3.420 | 2.504 | 1.075 | 1.400 |
| 56 | 114.07 | 132.06 | 2.450 | 1.810 | 1.386 | 1.600 | 1.733 |  | 3.246 | 2.398 | 1.077 | 1.400 |
| 57 | 120.09 | 138.13 | 2.400 | 1.790 | 1.404 | 1.530 | 1.710 |  | 3.086 | 2.301 | 1.080 | 1.400 |
| 58 | 131.58 | 150.27 | 2.350 | 1.770 | 1.422 | 1.514 | 1.684 |  | 2.938 | 2.213 | 1.082 | 1.400 |
| 59 | 141.72 | 160.90 | 2.300 | 1.750 | 1.440 | 1.498 | 1.657 |  | 2.837 | 2.159 | 1.085 | 1.400 |
| 60 | 153.21 | 173.05 | 2.250 | 1.730 | 1.458 | 1.482 | 1.631 |  | 2.738 | 2.105 | 1.087 | 1.400 |
| 61 | 163.34 | 183.67 | 2.200 | 1.710 | 1.476 | 1.466 | 1.604 |  | 2.695 | 2.095 | 1.090 | 1.400 |
| 62 | 174.82 | 195.81 | 2.150 | 1.690 | 1.494 | 1.450 | 1.578 |  | 2.634 | 2.071 | 1.092 | 1.400 |
| 63 | 194.78 | 217.06 | 2.100 | 1.670 | 1.512 | 1.424 | 1.548 |  | 2.533 | 2.014 | 1.095 | 1.400 |
| 64 | 216.12 | 239.84 | 2.050 | 1.650 | 1.530 | 1.398 | 1.518 |  | 2.466 | 1.985 | 1.097 | 1.400 |
| 65 | 236.07 | 261.09 | 2.000 | 1.630 | 1.539 | 1.372 | 1.489 |  | 2.391 | 1.949 | 1.100 | 1.400 |
| 66 | 257.41 | 283.86 | 1.950 | 1.610 | 1.548 | 1.346 | 1.459 |  | 2.321 | 1.917 | 1.102 | 1.390 |
| 67 | 277.36 | 305.11 | 1.900 | 1.590 | 1.557 | 1.320 | 1.429 |  | 2.247 | 1.880 | 1.105 | 1.380 |
| 68 | 313.24 | 344.58 | 1.850 | 1.570 | 1.566 | 1.296 | 1.401 |  | 2.188 | 1.857 | 1.107 | 1.370 |
| 69 | 349.14 | 384.04 | 1.800 | 1.550 | 1.575 | 1.272 | 1.373 |  | 2.125 | 1.830 | 1.110 | 1.360 |
| 70 | 383.62 | 422.00 | 1.750 | 1.530 | 1.584 | 1.248 | 1.345 |  | 2.059 | 1.800 | 1.112 | 1.350 |
| 71 | 419.50 | 461.47 | 1.720 | 1.510 | 1.593 | 1.224 | 1.317 |  | 1.996 | 1.753 | 1.115 | 1.340 |
| 72 | 455.40 | 500.94 | 1.690 | 1.490 | 1.602 | 1.200 | 1.289 |  | 1.934 | 1.705 | 1.117 | 1.330 |
| 73 | 520.24 | 572.28 | 1.660 | 1.470 | 1.611 | 1.184 | 1.267 |  | 1.873 | 1.658 | 1.120 | 1.320 |
| 74 | 583.74 | 642.10 | 1.630 | 1.450 | 1.620 | 1.168 | 1.244 |  | 1.811 | 1.611 | 1.122 | 1.310 |
| 75 | 648.58 | 713.46 | 1.600 | 1.430 | 1.629 | 1.152 | 1.221 |  | 1.800 | 1.609 | 1.125 | 1.300 |
| 76 | 712.06 | 783.28 | 1.580 | 1.420 | 1.638 | 1.136 | 1.198 |  | 1.770 | 1.591 | 1.127 | 1.300 |
| 77 | 776.92 | 854.62 | 1.560 | 1.410 | 1.647 | 1.120 | 1.176 |  | 1.740 | 1.572 | 1.130 | 1.300 |
| 78 | 872.16 | 959.37 | 1.540 | 1.400 | 1.656 | 1.116 | 1.154 |  | 1.710 | 1.554 | 1.132 | 1.300 |
| 79 | 968.74 | 1,065.63 | 1.520 | 1.390 | 1.665 | 1.112 | 1.132 |  | 1.680 | 1.536 | 1.135 | 1.300 |
| 80 | 1,063.96 | 1,170.37 | 1.500 | 1.380 | 1.674 | 1.108 | 1.111 |  | 1.650 | 1.518 | 1.137 | 1.300 |
| 81 | 1,160.58 | 1,276.63 | 1.490 | 1.370 | 1.683 | 1.104 | 1.089 |  | 1.630 | 1.499 | 1.140 | 1.300 |
| 82 | 1,255.78 | 1,381.38 | 1.480 | 1.360 | 1.692 | 1.100 | 1.067 |  | 1.610 | 1.479 | 1.142 | 1.300 |
| 83 | 1,359.27 | 1,495.22 | 1.470 | 1.350 | 1.701 | 1.090 | 1.046 |  | 1.590 | 1.460 | 1.145 | 1.300 |
| 84 | 1,471.06 | 1,618.18 | 1.460 | 1.340 | 1.710 | 1.085 | 1.026 |  | 1.570 | 1.441 | 1.147 | 1.300 |


| Elim Period : | 0 Day | 1.30 | Benefit Period: | Lifetime | 1.00 | Risk Classes : |  | Restoration of Benefits: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 30 Day | 1.15 |  | 5 Year | 0.82 | Preferred Plus | 0.80 | 5 Years | 1.034 |
|  | 90 Day | 1.00 |  | 4 Year | 0.71 | Preferred | 1.00 | 4 Years | 1.051 |
|  | 180 Day | 0.90 |  | 3 Year | 0.60 | Standard | 1.25 | 3 Years | 1.063 |


| Indemnity Benefit Factor (BG01R-IND): |  |  |
| :---: | :---: | :---: |
| Personal Caregiver Rider (BG01R-PCG) : |  | 2.00 |
| Monthly Benefit Rider: (BG01R-MTH): |  | 1.15 |
| Joint Coverage - Premiums for joint rate combinations are calculated as $130 \%$ of the base policy premium of the older insured, multiplied by the following factors: |  |  |
| 11 Pref Plus /1 Pref - . 900 | 1 Pref/ / Stand - 1.125 |  |
| 1 Pref Plus/ 1 Stand 1.025 | 2 Standard-1.250 |  |

Modal Premium Factors: PAC/EFT - $0.088 \quad$ Quarterly- 0.27 Semi-Annual -0.52
Direct Marketing Discount: $\quad$ All Ages: $10 \%$


|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ToFL | GRIDE | factor |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\substack{\text { Issue } \\ \text { Age }}}^{\text {l }}$ | $\underset{\substack{\text { Facility Care } \\ \text { Serrice }}}{\text { a }}$ |  | $\underset{\substack{\text { Comprenensive } \\ \text { Care }}}{\text { cene }}$ |  | Limited PayOptions |  | Nonforfiture |  | ${ }_{\substack{\text { HCCS } \\ \text { Waiver }}}^{\text {a }}$ | Paid UpSurrior | Liftime Step Rate ${ }^{\text {s\%em }}$ |  | Lifteime Pay |  |  |  | ${ }_{\text {Limited } \mathrm{Pay}}$ |  |  |  |
|  | BGIIP(0/09)-MD |  |  |  |  |  | ROP SBP |  |  |  | 1 lst Yar | Incrase | $6 \%$ | $5 \%$ | 4\% | $3 \%$ | 6\% | $5 \%$ | ${ }_{4 \%}$ | 3\% |
|  | After 1st Phase | After 2nd Phase | After 1st Phase | After 2nd Phase | BG01E-10P(01/99-MI | 01E-P65(01/09)-MD | IR-FROP(01/(9)-, | E1R-SBN(0208)-MD | BG01R-WOP(01099)-MD | BGIIRSVR(0604)-MD |  |  | BG01R.PP(1/09)-MD |  |  |  | BGIIR-P(01/O9,-MD |  |  |  |
| -18 | 38.00 | ${ }_{\substack{42.78 \\ 4370}}$ | 47.51 | 54.63 |  | ${ }_{1}^{1.8807}$ | ${ }_{\text {li.600 }}^{1.600}$ | ${ }_{1.0072}^{1.067}$ | ${ }_{1.011}^{1.010}$ | 1.400 | 1.40 | 0.51 | ${ }_{\substack{14.148 \\ 13.48}}^{12 .}$ | 8.896 | (8.1 .79 <br> 7.78 | ${ }_{\substack{6.944 \\ 6.69}}^{6}$ | ${ }_{1}^{18.239} 1$ | cili.300 | - | (8.854 |
| ${ }^{20}$ | ${ }_{3}^{38.81}$ | ${ }_{4}^{4.565}$ | ${ }^{48.50}$ | ${ }_{5}^{55.77}$ | 5.4.48 <br> 5 <br> 178 | ${ }_{1}^{1.807}$ | ${ }_{1}^{1.615}$ | ${ }_{1}^{1.077}$ | ${ }_{1}^{1.013}$ | ${ }^{1.400}$ | 1.40 | ${ }^{0.48}$ | ${ }_{1}^{12.839}$ | 8.469 | 7.355 | ${ }_{6}^{6.301}$ | 15.439 | ${ }^{10.850}$ | ${ }^{9.461}$ | 8.072 |
| ${ }_{22}^{21}$ | -30.62 <br> 40.4 | 45.56 46.49 | ${ }_{\substack{49.54 \\ 50.4}}^{\text {ces }}$ | ( 56.97 | ¢, $\begin{aligned} & 5.127 \\ & 5.113\end{aligned}$ | 1.808 1.888 d, | ${ }_{1}^{1.620}$ | ${ }_{1}^{1.088}$ | ${ }_{1}^{1.015}$ | ${ }_{\text {l }}^{1.4400}$ | ${ }_{1}^{1.40}$ | - $\begin{aligned} & 0.46 \\ & 0.44\end{aligned}$ | (12.257 |  | 7.050 6.734 | ${ }_{5}^{6.0176}$ | - $\begin{aligned} & 15.736 \\ & 1.5022\end{aligned}$ | (10.380 | ${ }_{8.651}^{9.051}$ | ${ }_{7}^{7.394}$ |
| 23 | 41.17 | 47.34 | 51.45 | 59.16 | 4.955 | 1.808 | 1.640 | 1.098 | 1.018 | 1.400 | 1.40 | 0.42 | ${ }^{11.191}$ | 7.381 | 6.436 | 5.491 | 14.434 | 9.520 | 8.301 | 7.082 |
| ${ }^{24}$ | 41.88 | 48.16 | 52,35 5326 | ${ }_{6}^{60,20}$ | 4.803 | ${ }^{1.8088}$ | (1.650 | ${ }^{1.108}$ | ${ }_{1}^{1.020}$ | (1.400 | 1.40 | ${ }^{0.39}$ | 10.705 | 7.061 | ${ }^{6} 1.15$ | ${ }_{5}^{5.234}$ | ${ }_{13,57}^{13}$ | 9.140 | 7.770 | ${ }_{6}^{6.801}$ |
| ${ }^{25}$ | ${ }^{42.60}$ | ${ }_{4973}^{48.99}$ | 53.26 <br> 54.07 | 61.24 6218 | ${ }_{4}^{4.657}$ | (1.808 | ${ }_{\text {l }}^{1.660}$ | 1.114 1.119 | ${ }_{1}^{1.022}$ | ${ }_{\text {litao }}^{1.4000}$ | ${ }_{1}^{1.40}$ | ${ }^{0.38}$ | 10.344 | 6.763 6.485 | S. | 5.0.822 | ${ }_{1}^{13,312}$ | 8.780 <br> 8.400 | ${ }_{7360}^{7.656}$ | -6.380 |
| 27 | 43.88 | 50.46 | ¢ | 63.07 | 4.381 | 1.8808 | 1.680 | 1.129 | 1.025 | ${ }_{1}^{1.400}$ | 1.40 | ${ }^{0.34}$ | 9.44 | 6.299 | 5.432 | 4.634 | 12311 | 8.120 | 7.081 | 6.041 |
| ${ }_{29}^{28}$ | ${ }_{45,50}^{44.52}$ | ${ }_{\substack{51.19 \\ 51.80}}$ | ( ${ }_{\substack{55.64 \\ 5633}}$ | 66398 6477 | ${ }_{4}^{4.251}$ | 1.889 | ${ }_{1.695}^{1.1990}$ | ${ }_{\text {l }}^{1.1 .124}$ | ${ }_{1}^{1.029}$ | ${ }_{\text {l }}$ | ${ }_{1}^{1.40}$ | - 0.31 0.31 | ${ }_{8,714}^{9.713}$ |  | ${ }_{\substack{\text { 5.014 }}}^{5.218}$ | ${ }_{4}^{4.2 .278}$ | cince | (7.540 | ${ }_{6.576}^{6.819}$ | $\underset{5}{5.611}$ |
| ${ }^{30}$ | 45.59 | 52.42 | 57.01 | 66.56 | 4.005 | 1.899 | 1.700 | 1.155 | 1.1031 | 1.400 | 1.40 | ${ }^{0.30}$ | 8.39 | 5.536 | 4.827 | 4.118 | 11.123 | 7.270 | 6.339 | 5.408 |
| ${ }_{32}^{31}$ | ${ }_{46.06}^{46,5}$ | ${ }_{\substack{52,96 \\ 5388}}$ | 57.88 5815 $\substack{\text { c/ }}$ | ${ }_{6}^{66.21}$ | 退, 3.888 | (1809 | ${ }^{1.770}$ | ${ }^{1.1 .170}$ | ${ }_{1}^{1.033}$ | ${ }_{1}^{1.400}$ | 1.40 | -0.28 | 8.084 | ${ }_{5}^{5.333}$ | 4.651 | , $\begin{aligned} & 3.968 \\ & 3 \\ & 3\end{aligned}$ | ${ }^{10.056}$ | 7.030 6090 | ${ }_{\substack{6.131}}^{6020}$ | $\underset{\substack{5.31 \\ 5052}}{5}$ |
| ${ }_{33} 3$ | ${ }_{4688}^{46.51}$ | cis, 5 | cis 58.15 | ${ }_{6}^{60.89}$ |  | 1.889 | ${ }_{1}^{1.730}$ | ${ }_{1} 1.1181$ | ${ }_{1}^{1.036}$ | ${ }_{1.400}$ | ${ }_{1.40}$ | ${ }^{0.26}$ | ${ }_{7}$ | 5.951 4.971 | 4.335 |  | ${ }_{\text {lo, }}^{\substack{10,296}}$ | ${ }_{\substack{6.588 \\ 6.900}}$ | ${ }_{5} 5.738$ | 5.032 4.895 |
| ${ }^{34}$ | 47.24 | 54.32 | 59.06 | 67.91 | ${ }_{3.564}$ | 1.889 | 1.770 | ${ }^{1.1 .186}$ | 1.038 | 1.400 | 1.40 | ${ }^{0.25}$ | 7.277 | 4.800 | 4.186 | 3.571 | 9.672 | ${ }^{6.380}$ | 5.564 | 4.746 |
| ${ }^{35}$ | 47.61 | ¢ | 59.51 <br> 59.55 | ${ }_{6}^{68.43}$ | ${ }_{\text {c }}$ 3.364 | 1.809 | +1.750 | ${ }^{1.1 .191}$ | ${ }_{1}^{1.040}$ | ${ }_{\text {1.400 }}$ | ${ }_{1}^{1.40}$ | ${ }^{0.24}$ | ${ }_{7}^{7.054}$ | 4.651 | ${ }_{\text {4, }}$ | ${ }^{3.460}$ | ${ }_{9}, 3,73$ | ${ }_{6}^{6.180}$ | ${ }_{5}^{5.388}$ | 4.597 |
| ${ }_{37}^{36}$ | 4.888 | ${ }_{555}^{5506}$ | 59.85 6007 | ¢ 68.88 | (3.368 | (1.809 | ${ }_{\text {l }}$ | ${ }_{1.212}^{1202}$ | ${ }_{1.044}$ | ${ }_{1.400}$ | ${ }_{1.40}$ | ${ }_{0} 022$ | ${ }_{\substack{6.8 .15 \\ 6.823}}$ | ${ }_{4}^{4.363}$ | - | ${ }_{\substack{3 \\ 3.246}}$ | ${ }^{2} 8895$ | ${ }_{\substack{\text { c. } \\ 5 \\ 5030}}$ | ${ }_{5084}^{5234}$ | ${ }_{4}^{4} 4.437$ |
| ${ }^{38}$ | 48.24 | 55.47 | 60.30 | 69.34 | 3.185 | ${ }^{1.809}$ | ${ }_{1}^{1.780}$ | ${ }_{1}^{1.222}$ | ${ }_{1}^{1.046}$ | 1.400 | 1.40 | ${ }^{0.21}$ | ${ }_{6}^{6.23}$ | 4235 | ${ }^{3.693}$ | 3.150 | 8.599 | ${ }_{5}^{5.670}$ | 4.944 | 4.217 |
| 40 | 48.35 48.22 | ${ }_{5}^{55.58}$ | ${ }_{6}^{60.42}$ |  | (3.015 | ${ }_{1.859}^{1.1809}$ | ${ }_{\text {li.800 }}$ | ${ }_{1.243}^{1.233}$ | ${ }_{\text {li.as }}^{1.048}$ | ${ }_{\text {l }}^{\text {lita0 }}$ | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.21}$ |  | ${ }_{4}^{4.000}$ | ci.3.488 |  | ${ }_{\substack{8.1732}}^{8.832}$ | ${ }_{5}^{5.350}$ | ${ }_{4.7200}^{4.822}$ | ${ }_{4.010}^{4.116}$ |
| ${ }_{41}$ | 50.61 | 58.20 | 63.26 | ${ }^{72.74}$ | 2.936 | 1.809 | 1.810 | 1.249 | 1.052 | 1.400 | 1.40 | 0.19 | 5.910 | 3.900 | 3.401 | ${ }^{2.903}$ | 7.92 | 5.230 | 4.561 | 3.893 |
| ${ }_{43}^{42}$ | ${ }_{5}^{52.78}$ |  | ${ }_{\substack{65996 \\ 6979}}$ | ${ }_{8}^{75.85}$ | ${ }_{2}^{2.780}$ | ${ }_{\text {li.768 }}$ | ${ }_{\substack{1.8820 \\ 1.850}}^{1.80}$ | ${ }_{1.226}^{1.254}$ | ${ }_{\text {li.0.06 }}^{1.054}$ | ${ }_{\text {litao }}$ | ${ }_{1.40}^{1.40}$ | - |  |  | ${ }_{\substack{3.315 \\ 3.222}}$ | ${ }_{\substack{28.730}}^{2.893}$ | $\underset{\substack{7.678 \\ 7}}{1.67}$ | ${ }_{\substack{5 \\ 5.040 \\ \hline}}$ | ${ }_{4}^{4.389}$ |  |
| ${ }_{4}^{44}$ | 59.46 | ${ }_{683}^{68}$ | 73.65 | ${ }_{84.69}$ | ${ }_{2}^{2.666}$ | 1.725 | 1.840 | 1.265 | 1.058 | 1.400 | 1.40 | 0.17 | ${ }_{5}^{5.514}$ | ${ }^{3.600}$ | ${ }^{3.129}$ | ${ }_{2}^{2.558}$ | 7.588 | 5.000 | 4.346 | ${ }^{3.692}$ |
| ${ }^{45}$ | ${ }^{61.59}$ | ${ }^{70.82}$ | ${ }^{76.00}$ | cos87.40 <br> 9.88 | ${ }_{\substack{2.578 \\ 204 \\ 204}}$ | (1.1.866 | 1.850 <br> 1.870 | ${ }_{1}^{1.2271}$ | ${ }_{\text {l }}^{1.060}$ | ${ }_{\text {li.400 }}^{1.400}$ | ${ }_{1}^{1.40} 1.40$ | ${ }_{0}^{0.16}$ | $\substack{5.395 \\ 5.062}_{\substack{\text { a }}}$ |  | ${ }_{2}^{3.036}$ | ${ }_{\substack{2.572}}^{2.54}$ | ${ }_{7}^{7.3020}$ | ${ }_{4}^{4.950} 4$ | ${ }_{4}^{4.1296}$ | ${ }_{\substack{3.388 \\ 3.582}}^{\substack{3}}$ |
| ${ }_{48}^{47}$ | ${ }_{6}^{68,42}$ | 78.68 $\substack{78.68 \\ 8.98}$ |  | ${ }_{9637}$ |  | ${ }_{1}^{1.724}$ | 1.1890 | 1.288 | ${ }_{1}^{10.064}$ | 1.400 | 1.40 | ${ }_{0} 0.15$ | ${ }^{4} 4.388$ | 3.300 | 2.299 | ${ }_{2}^{2.557}$ | 6.533 | 4.550 | 4.038 | 3.526 |
| ${ }_{49}^{48}$ | 72.07 <br> 7.57 |  |  |  | ${ }_{\substack{2,254 \\ 2.254}}$ | (1.7.78 | 1.910 <br> 1.930 | ${ }_{\substack{1.288 \\ 1.293}}^{1.26}$ |  | ${ }_{1}^{1.4400}$ |  | ${ }_{0}^{0.14}$ | ${ }_{4}^{4.421}$ |  | ${ }_{2}^{2827}$ | ${ }_{2}^{2.545}$ | ¢, 6.024 | ${ }_{4}^{4.360}$ | 3979 | ${ }^{3.523}$ |
| 50 | 80.17 | ${ }_{92.19}$ | 96.87 | 111.40 | ${ }_{\text {2, }}^{2.180}$ | 1.773 | 1.950 | 1.298 | 1.1070 | 1.490 | 1.40 | 0.13 | ${ }_{3.817}$ | 3.000 | 2.770 | 2.539 | ${ }_{5}^{5.357}$ | 4.210 | 3.887 | 3.518 |
| 51 52 | 82.55 86,28 | ${ }_{9}^{9493}$ | 9939 1035 | cillites | 2.108 <br> 2.039 <br> $\substack{\text { 2, }}$ <br> 109 | 1.787 <br> 1.801 | 1.970 1.900 | ${ }_{1}^{1.309}$ | ${ }_{1.074}^{1.072}$ | ${ }_{\text {l }}^{1.4000}$ | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.12}$ | (3.099 | 2.920 2.840 | 2.800 <br> 2.036 | ${ }_{\substack{2.479 \\ 2.431}}^{\substack{2,51}}$ | ${ }_{\substack{5,295 \\ 5184}}^{5}$ | 4.180 <br> 4.140 | $\underset{\substack{3.865 \\ 3.84}}{ }$ | ${ }_{\substack{3.516 \\ 3,513}}$ |
| 5, | ${ }_{\text {91. }}^{\text {9100 }}$ | ${ }^{10534}$ | ${ }^{108576}$ | ${ }^{1255,07}$ | 2,003 | 1.845 | 2.010 | ${ }_{1}^{13135}$ | ${ }_{1}^{1.076}$ | 1.400 | 1.40 | ${ }^{0.12}$ | 3.317 | ${ }_{2}^{2,760}$ | ${ }_{2}^{2.571}$ | ${ }_{2}^{2382}$ | 5.076 | 4.100 | ${ }_{\substack{3.819 \\ 3.797}}$ | 寺3.510 |
| ${ }_{55}^{54}$ | ${ }_{103,23}$ | ${ }_{118.71}^{112.81}$ | ${ }_{\text {120.40 }}^{150.36}$ | ${ }_{\text {138.46 }}^{12360}$ | ${ }_{1}^{1933}$ | ${ }_{1}^{1.933}$ | ${ }_{\text {2,050 }}$ | ${ }_{1.326}$ | ${ }_{1}{ }_{\text {li.080 }}$ | ${ }_{\text {l/4,400 }}$ | ${ }_{1.40}^{1.40}$ | ${ }_{0}^{0.11}$ | ${ }_{\substack{3.140}}^{3.278}$ | ${ }_{\text {2, }}$ | ${ }_{2.42}^{2.506}$ | ${ }_{2.284}^{2.238}$ | ${ }_{4}^{4.859}$ | 4.990 | ${ }_{3}^{3.788}$ | ${ }_{\substack{3.508 \\ 3.505}}$ |
| 5 | ${ }^{10953}$ | ${ }^{125,95}$ | ${ }^{122.81}$ | ${ }^{145.83}$ | ${ }^{1.8897}$ | 0.000 | 2.070 | 1.331 | 1.082 | 1.400 | 1.40 | ${ }^{0.10}$ | ${ }^{3.039}$ | ${ }^{2.550}$ | 2.405 | 2.261 | 4.517 | 3.790 | 3.574 | 3.360 |
| ${ }_{58}^{57}$ | ${ }_{12635}^{1535}$ | ${ }^{1825.31}$ | 122.64 <br> 1432 <br> 182 | 162.23 1659 | ${ }_{\substack{1.8185 \\ 1.85}}^{1.88}$ | coiol | ${ }_{2}^{2.11090}$ | ${ }_{\substack{1.337 \\ 1.35}}^{1.382}$ | ${ }_{\text {li. }}^{1.088}$ | ${ }_{\substack{\text { l.400 }}}^{\text {1.400 }}$ | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.10}$ | ${ }_{\substack{2989 \\ 2.858}}$ | ${ }_{\substack{2.450}}^{2.500}$ | ${ }_{2}^{23369}$ | ${ }_{\substack{2 \\ 22285 \\ 2205}}^{2}$ | ${ }_{4}^{4.025}$ | (inco | ${ }_{\substack{3.278 \\ 3.278}}$ |  |
| 59 | ${ }^{136.10}$ | ${ }^{156.51}$ | ${ }^{154.52}$ | 17769 | 1.778 | 0.000 | ${ }_{2}^{2.130}$ | ${ }_{1}^{1.348}$ | 1.088 | 1.400 | 1.40 | ${ }^{0.09}$ | 2.800 | 2.400 | 2.280 | 2.160 | 3.897 | ${ }_{3}^{3340}$ | 3.173 | 3.006 |
| ${ }_{61}^{60}$ | ${ }_{\substack{186.40 \\ 15604}}^{18080}$ | (17944 | 165.33 17547 | -190.12 | (1.705 | ${ }_{\text {coiol }}^{\substack{\text { 0.000 }}}$ | ${ }_{\substack{2.150 \\ 2.170}}^{\text {2.15 }}$ | 1.353 <br> 1.35 <br> 1 | ${ }_{1}^{1.0929}$ | ${ }_{\text {li.400 }}^{1.4}$ | ${ }_{1.40}^{1.40}$ | ${ }_{0}^{0.08}$ | ci.tid |  | ${ }_{2.166}^{2.238}$ | ${ }_{2}^{2.052}$ | - $\begin{aligned} & 3.769 \\ & 3.722\end{aligned}$ | (ence | ${ }_{3.031}^{3.069}$ | 2.971 |
| 62 | 1168.64 | 193.93 | 188.88 | 217.21 | 1.661 | ${ }_{0} 0.000$ | 2.190 | 1.364 | 1.094 | 1.400 | 1.40 | ${ }^{0.08}$ | ${ }_{2} 2578$ | 2210 | 2.100 | 1.989 | 3.663 | 3.140 | 2.984 | 2.826 |
| 63 64 | 189.69 <br> 21246 | ${ }_{24}^{218.14}$ | 211.38 <br> 235.77 | ${ }^{243.08}$ | 1.1614 <br> 1.568 | (0.000 | 2.210 <br> 2.230 | 1.370 1.375 | ${ }^{1.0968}$ | ${ }_{\text {l }}^{1.4000}$ | lita ${ }_{1}^{1.40}$ | ${ }^{0.08}$ | ${ }_{2}^{2.497}$ | 2.140 2.070 | 2.033 | 1.1926 <br> 1.863 <br> 1.8 | -3.477 <br> 3.47 |  | ${ }_{2.838}^{2.888}$ | ${ }_{2}^{2.888}$ |
| ${ }_{65}^{65}$ | -234.25 | ${ }^{269.38}$ | ${ }_{\text {259,07 }}^{250}$ | ${ }^{29793}$ | 1.385 <br> 1.35 | ${ }_{\text {done }}^{0.000}$ | 2.250 <br> $\substack{2880 \\ 2}$ | +1.386 | ${ }_{1}^{1.1100}$ | ${ }_{\text {1.4.400 }}^{1.300}$ | ${ }_{1}^{1.40} 1$ | ${ }_{0}^{0.07}$ | 2,333 | 2.000 | 1.900 | 1.880 | ${ }_{3}^{3.395}$ | 2,910 | ${ }_{2}^{2765}$ | ${ }_{2}^{2.619}$ |
| ${ }_{67}^{66}$ | ${ }_{\text {282,91 }}^{29.80}$ | ${ }_{3}^{295.34}$ | ${ }_{\substack{2812.20}}^{23}$ | - 357.98 | ${ }_{1}^{1.293}$ | coion | ${ }_{\substack{\text { 2,310 }}}^{2258}$ | ${ }_{1.498}$ | 1.104 | 1.380 | 1.40 | 0.06 | ${ }_{2}^{2193}$ | 1.880 | 1.786 | 1.192 | 3.266 | 2880 | 2.660 | ${ }_{2} 2.520$ |
| ${ }_{68}^{68}$ | ${ }_{3}^{35527}$ | ${ }^{374.06}$ | -357.81 | ${ }_{4}^{411.48}$ | ${ }^{1.245}$ | ${ }^{0.000}$ | ${ }_{2}^{2330}$ | ${ }_{1}^{1.419}$ | ${ }^{1.106}$ | ${ }^{1.370}$ | 1.40 | ${ }^{0.066}$ | ${ }_{2}^{2.123}$ | 1.820 | ${ }_{1}^{1.292}$ | ${ }_{\substack{1.658 \\ 1.584}}^{1.106}$ | ${ }^{3.231}$ | ${ }^{2} 2770$ | ${ }_{2}^{2.632}$ | 2.493 |
| ${ }_{70}$ | ${ }_{4}^{3612.52}$ | ${ }_{474.39}$ | ${ }_{4}^{453.79}$ | ${ }_{5}{ }_{5121.85}^{46.17}$ | 1.155 | ${ }_{0}^{0.0000}$ | ${ }_{2}$ | ${ }_{1}$ | ${ }_{1.110}$ | ${ }_{1}^{1.350}$ | ${ }_{1.40}$ | ${ }_{0}^{0.066}$ | ${ }_{1}^{1.983}$ | 1.780 | 1.615 | ${ }_{1.538}$ | ${ }_{3.128}$ | ${ }_{2}^{2.990}$ | ${ }_{2} 2.556$ | ${ }_{2}^{2.421}$ |
| ${ }_{72}^{71}$ | cisis. ${ }_{\substack{495 \\ 51912}}$ | ¢ |  | ¢80.45 | 1.145 1.136 1.15 | 0.000 <br> 0.000 | 2.430 <br> 2.460 | ${ }_{1}^{1.452}$ | 1.112 1.114 1.14 | 1.340 <br> 1.350 <br> 1.0 | 1.40 <br> 1.40 <br> 1 | ${ }_{0}^{0.065}$ | (1.937 | 1.660 1.620 | ${ }_{\substack{1.577 \\ 1.59}}^{1}$ | ${ }_{1}^{1.4948}$ | 2.990 | ${ }_{2.545}^{2.562}$ | ${ }_{2}^{2.334}$ | 2.306 <br> 2.201 |
| ${ }_{73}$ | ${ }_{617.06}$ | 709.61 | 678.77 | ${ }_{780.58}$ | 1.126 | ${ }_{0} 0.000$ | ${ }_{2}$ | 1.474 | 1.116 | 1.320 | ${ }_{1.40}$ | ${ }_{0}^{0.05}$ | ${ }_{1.143}$ | 1.580 | 1.501 | ${ }_{1} 1.422$ | ${ }_{2}^{2.738}$ | 2.347 | ${ }_{2230}$ | 2.12 |
| ${ }_{75}^{74}$ | ${ }_{8}^{7199.31}$ | ${ }_{\substack{827.20 \\ 98535}}$ | ${ }_{9}^{791.22}$ |  | 1.1117 <br> 1.107 | co.0.000 | 2.520 <br> 2.550 | ${ }_{\text {l }}^{1.485}$ | 1.118 1.120 1.12 | 1.310 <br> 1.300 | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.05}$ | - 1.797 | 1.540 <br> 1.500 <br> 1.0 |  |  | 2.609 | ${ }_{2}^{2,236}$ | ${ }_{2}^{2.124}$ | ${ }_{2}^{2.012}$ |
| ${ }^{76}$ | ${ }_{9} 93.15$ | 1.084 .63 | 1.1.37.48 | ${ }_{\text {l, } 1,193.10}$ | 1.1098 | ${ }_{0}^{0.000}$ | ${ }_{2}^{2.580}$ | ${ }_{1.496}$ | 1.122 | 1.300 | 1.40 | ${ }_{0}^{0.05}$ | ${ }^{1.738}$ | 1.490 | ${ }_{1.416}$ | ${ }_{1}^{1.341}$ | ${ }^{2.493}$ | 2.137 | 2.031 | 1.923 |
| 77 | 1.029.08 | 1.1183.44 | 1.131.97 | ${ }^{1.301 .76}$ | ${ }_{1}^{1.089}$ | ${ }^{0.000}$ | 2.610 | ${ }^{1.502}$ | 1.124 | ${ }_{1}^{1.300}$ | 1.40 | ${ }^{0.05}$ | ${ }^{1.727}$ | 1.480 | 1.406 | ${ }_{1}^{1.332}$ | 2.417 | 2.071 | 1.967 | 1.864 |
| ${ }_{79}^{78}$ |  |  | ${ }_{\text {l }}^{\text {a }}$ |  | ${ }_{\text {li.072 }}^{1.079}$ | (0.000 | ${ }_{\substack{2.640}}^{2.680}$ | ${ }_{1.513}^{1.507}$ |  | (1.300 | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.05}$ | ${ }_{\text {1.703 }}^{1.717}$ | 1.4600 | ${ }_{1}^{1.397}$ | ${ }_{\substack{1.314 \\ 1.323}}^{1.314}$ | ${ }_{2}^{2} 2.279$ | ${ }_{1}^{2.954}$ | 1.9181 | 1.811 1.759 1 |
| ${ }^{80}$ | 1,40926 | 1,620.64 | 1,550.18 | ${ }^{1,782.70}$ | ${ }_{1}^{1.061}$ | 0.000 | ${ }^{2} 2700$ | 1.518 | ${ }^{1.1 .130}$ | (1.300 | 1.40 | ${ }^{0.04}$ | ${ }^{1.1992}$ | 1.450 | ${ }_{1}^{1.378}$ | ${ }_{1}^{1.305}$ | 2.204 | 1.889 | 1.795 | 1.700 |
| ${ }_{82}^{81}$ | ${ }_{\text {li, }}^{1.563,33^{2}}$ |  |  |  | ${ }_{1}^{1.044}$ | (o.000 | ${ }_{\substack{2730 \\ 2780}}^{2.70}$ | +1.529 | ${ }_{\text {li.134 }}^{1.122}$ | 1.300 <br> 1.300 | ${ }_{1}^{1.40}$ | ${ }_{0}^{0.04} 0$ |  | 1.440 <br> 1.430 | ${ }_{1}^{1.368}$ | ${ }_{\substack{1.288 \\ 1.298 \\ \hline}}$ | ${ }_{2}^{2.095}$ | (1.7967 | ${ }_{1}^{1.7757}$ | (1.1602 |
| ${ }_{8}^{83}$ | ${ }^{1.880 .40}$ | ${ }^{2.070 .46}$ | ${ }_{1}^{1.980 .47}$ | ${ }^{2} 2,27.54$ | 1.035 | 0.000 | 2790 | 1.535 | (1.136 | +1.300 | 1.40 | ${ }_{0}^{0.04}$ | ${ }^{1.1 .55}$ | 1.420 | 1.349 | 1278 | 2.039 | 1.747 | 1.660 | 1.572 |
| ${ }_{84}$ | ${ }^{1.948 .46}$ | 2.240 .72 | ${ }_{2}^{2.143 .33}$ | 2.464.82 | 1.026 | 0.000 | 2.820 | 1.540 | 1.138 | 1.300 | 1.40 | 0.04 | 1.645 | 1.410 | 1.340 | 1.269 | 1.983 | 1.700 | 1.1616 | 1.530 |



Berkshire Life Insurance Company of America
Combined Reinsurer Experience
Exhibit C
Lapse Rates

| Duration* | Exposure** | Lapses | Actual Lapse Rates | Best Estimate Lapse Rates | A/E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | 152,089 | 1,258 | $0.83 \%$ | $0.65 \%$ | 1.27 |
| 9 | 144,033 | 1,103 | $0.77 \%$ | $0.65 \%$ | 1.18 |
| 10 | 136,780 | 848 | $0.62 \%$ | $0.65 \%$ | 0.95 |
| 11 | 129,466 | 811 | $0.63 \%$ | $0.65 \%$ | 0.96 |
| 12 | 121,523 | 789 | $0.65 \%$ | $0.65 \%$ | 1.00 |
| 13 | 113,350 | 671 | $0.59 \%$ | $0.65 \%$ | 0.91 |
| 14 | 99,928 | 519 | $0.52 \%$ | $0.65 \%$ | 0.80 |
| 15 | 83,755 | 417 | $0.50 \%$ | $0.65 \%$ | 0.77 |
| 16 | 66,401 | 306 | $0.46 \%$ | $0.65 \%$ | 0.71 |
| 17 | 49,386 | 211 | $0.43 \%$ | $0.65 \%$ | 0.66 |
| 18 | 37,998 | 191 | $0.50 \%$ | $0.65 \%$ | 0.77 |
| 19 | 30,053 | 150 | $0.50 \%$ | $0.65 \%$ | 0.77 |
| 20 | 20,928 | 101 | $0.48 \%$ | $0.65 \%$ | 0.74 |
| 21 | 13,462 | 70 | $0.52 \%$ | $0.65 \%$ | 0.80 |
| 22 | 7,919 | 31 | $0.39 \%$ | $0.65 \%$ | 0.60 |
| 23 | 4,097 | 23 | $0.56 \%$ | $0.65 \%$ | 0.86 |
| 24 | 1,872 | 14 | $0.75 \%$ | $0.65 \%$ | 1.15 |
| 25 | 750 | 2 | $0.27 \%$ | $0.65 \%$ | 0.41 |
| 26 | 378 | 1 | $0.26 \%$ | $0.65 \%$ | 0.41 |
| 27 | 143 | 0 | $0.00 \%$ | $0.65 \%$ | 0.00 |
| 28 | 36 | 0 | $0.00 \%$ | $0.65 \%$ | 0.00 |
| Average | $1,214,345$ | 7,516 | $0.62 \%$ | 0.95 |  |

* All BG01P(06/04) policies are duration $10+\&$ all $\operatorname{BG01P}(01 / 09)$ policies are duration $8+$.
** Lifetime pay policies only


## Berkshire Life Insurance Company of America Policy Forms: BG01P(06/04) \& BG01P(01/09) <br> Exhibit D1 <br> Mortality Selection Factors

| Policy <br> Duration | Selection <br> Factors |  |
| :---: | :---: | :---: |
|  | Single | Joint |
| 1 | 0.200 | 0.200 |
| 2 | 0.380 | 0.320 |
| 3 | 0.480 | 0.390 |
| 4 | 0.500 | 0.410 |
| 5 | 0.550 | 0.440 |
| 6 | 0.570 | 0.470 |
| 7 | 0.600 | 0.500 |
| 8 | 0.620 | 0.520 |
| 9 | 0.700 | 0.540 |
| 10 | 0.770 | 0.570 |
| 11 | 0.800 | 0.600 |
| 12 | 0.830 | 0.640 |
| 13 | 0.870 | 0.670 |
| 14 | 0.930 | 0.720 |
| 15 | 0.980 | 0.740 |
| 16 | 1.000 | 0.760 |
| 17 | 1.000 | 0.790 |
| 18 | 1.000 | 0.820 |
| 19 | 1.000 | 0.920 |
| 20 | 1.000 | 0.970 |
| 21 | 1.000 | 1.000 |
| 22 | 1.000 | 1.000 |
| 23 | 1.000 | 1.000 |
| 24 | 1.000 | 1.000 |
| 25 | 1.000 | 1.000 |

## Berkshire Life Insurance Company of America

Combined Reinsurer Experience
Exhibit D2
Mortality A to E Analysis

| Attained Age | Single Lives Death Counts |  |  | Joint Lives Death Counts** |  |  | Total Death Counts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual | Expected* | A/E | Actual | Expected* | A/E | Actual | Expected* | A/E |
| <40 | 1 | 1 | 78\% | 1 | 3 | 39\% | 2 | 4 | 52\% |
| 40-44 | 1 | 3 | 30\% | 14 | 10 | 144\% | 15 | 13 | 115\% |
| 45-49 | 25 | 13 | 190\% | 46 | 37 | 124\% | 71 | 50 | 141\% |
| 50-54 | 58 | 53 | 109\% | 136 | 143 | 95\% | 194 | 196 | 99\% |
| 55-59 | 151 | 165 | 91\% | 399 | 423 | 94\% | 550 | 589 | 93\% |
| 60-64 | 362 | 422 | 86\% | 852 | 969 | 88\% | 1,214 | 1,391 | 87\% |
| 65-69 | 613 | 726 | 84\% | 1,193 | 1,421 | 84\% | 1,806 | 2,147 | 84\% |
| 70-74 | 833 | 886 | 94\% | 1,434 | 1,394 | 103\% | 2,267 | 2,280 | 99\% |
| 75-79 | 952 | 892 | 107\% | 1,138 | 1,016 | 112\% | 2,090 | 1,908 | 110\% |
| 80-84 | 905 | 787 | 115\% | 662 | 521 | 127\% | 1,567 | 1,309 | 120\% |
| 85-89 | 628 | 568 | 111\% | 240 | 186 | 129\% | 868 | 753 | 115\% |
| 90+ | 332 | 275 | 121\% | 54 | 33 | 163\% | 386 | 308 | 125\% |
| Total | 4,861 | 4,793 | 101\% | 6,169 | 6,155 | 100\% | 11,030 | 10,948 | 101\% |

* Expected - 100\% of 2012 IAR mortality table with the mortality selection factors shown in Exhibit D2
** Joint lives - joint policy at issue

Berkshire Life Insurance Company of America Policy Forms: BG01P(06/04) \& BG01P(01/09)

## Exhibit E1

Incidence Rates Per 100

| Best Estimate |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nursing Facility Care Incidence Rates |  |  |  | Incidence Rate Factors |  |
| Attained Age | Single Male | Single Female | Married Male | Married Female | Home and Community Based Care and Assisted Living Facility | Assisted Living Facility |
| 40 | 0.0022 | 0.0024 | 0.0005 | 0.0005 | 1.550 | 0.300 |
| 41 | 0.0025 | 0.0028 | 0.0006 | 0.0006 | 1.550 | 0.300 |
| 42 | 0.0030 | 0.0033 | 0.0007 | 0.0007 | 1.550 | 0.300 |
| 43 | 0.0034 | 0.0039 | 0.0009 | 0.0008 | 1.550 | 0.300 |
| 44 | 0.0040 | 0.0045 | 0.0011 | 0.0010 | 1.550 | 0.300 |
| 45 | 0.0047 | 0.0053 | 0.0013 | 0.0012 | 1.550 | 0.300 |
| 46 | 0.0054 | 0.0061 | 0.0015 | 0.0014 | 1.550 | 0.300 |
| 47 | 0.0063 | 0.0072 | 0.0018 | 0.0017 | 1.550 | 0.300 |
| 48 | 0.0073 | 0.0083 | 0.0022 | 0.0021 | 1.550 | 0.300 |
| 49 | 0.0085 | 0.0097 | 0.0026 | 0.0025 | 1.550 | 0.300 |
| 50 | 0.0099 | 0.0113 | 0.0031 | 0.0030 | 1.550 | 0.300 |
| 51 | 0.0115 | 0.0132 | 0.0037 | 0.0036 | 1.550 | 0.300 |
| 52 | 0.0134 | 0.0154 | 0.0045 | 0.0044 | 1.550 | 0.300 |
| 53 | 0.0155 | 0.0180 | 0.0054 | 0.0053 | 1.550 | 0.300 |
| 54 | 0.0181 | 0.0210 | 0.0064 | 0.0064 | 1.550 | 0.300 |
| 55 | 0.0210 | 0.0244 | 0.0077 | 0.0077 | 1.550 | 0.300 |
| 56 | 0.0244 | 0.0285 | 0.0093 | 0.0093 | 1.550 | 0.300 |
| 57 | 0.0284 | 0.0332 | 0.0111 | 0.0112 | 1.550 | 0.300 |
| 58 | 0.0346 | 0.0405 | 0.0139 | 0.0141 | 1.436 | 0.290 |
| 59 | 0.0424 | 0.0498 | 0.0176 | 0.0179 | 1.311 | 0.290 |
| 60 | 0.0516 | 0.0609 | 0.0221 | 0.0226 | 1.206 | 0.280 |
| 61 | 0.0627 | 0.0742 | 0.0277 | 0.0284 | 1.111 | 0.270 |
| 62 | 0.0752 | 0.0892 | 0.0343 | 0.0354 | 1.045 | 0.270 |
| 63 | 0.0908 | 0.1081 | 0.0427 | 0.0443 | 0.969 | 0.260 |
| 64 | 0.1111 | 0.1325 | 0.0538 | 0.0561 | 0.872 | 0.260 |
| 65 | 0.1347 | 0.1611 | 0.0673 | 0.0705 | 0.795 | 0.250 |
| 66 | 0.1627 | 0.1952 | 0.0838 | 0.0883 | 0.728 | 0.240 |
| 67 | 0.1956 | 0.2353 | 0.1038 | 0.1100 | 0.671 | 0.240 |
| 68 | 0.2355 | 0.2842 | 0.1290 | 0.1373 | 0.613 | 0.230 |
| 69 | 0.2841 | 0.3437 | 0.1604 | 0.1717 | 0.555 | 0.230 |
| 70 | 0.3408 | 0.4135 | 0.1984 | 0.2135 | 0.507 | 0.220 |
| 71 | 0.4062 | 0.4942 | 0.2438 | 0.2637 | 0.470 | 0.220 |
| 72 | 0.4781 | 0.5834 | 0.2958 | 0.3217 | 0.452 | 0.210 |
| 73 | 0.5663 | 0.6931 | 0.3614 | 0.3951 | 0.425 | 0.210 |
| 74 | 0.6716 | 0.8242 | 0.4419 | 0.4857 | 0.397 | 0.200 |
| 75 | 0.7968 | 0.9806 | 0.5405 | 0.5972 | 0.369 | 0.200 |
| 76 | 0.9457 | 1.1672 | 0.6615 | 0.7348 | 0.341 | 0.190 |
| 77 | 1.1145 | 1.3794 | 0.8038 | 0.8975 | 0.323 | 0.190 |
| 78 | 1.3136 | 1.6304 | 0.9768 | 1.0965 | 0.305 | 0.190 |
| 79 | 1.5366 | 1.9126 | 1.1782 | 1.3295 | 0.297 | 0.180 |
| 80 | 1.8116 | 2.2613 | 1.4322 | 1.6248 | 0.279 | 0.180 |
| 81 | 2.1363 | 2.6741 | 1.7414 | 1.9859 | 0.261 | 0.170 |
| 82 | 2.4995 | 3.1377 | 2.1009 | 2.4085 | 0.253 | 0.170 |
| 83 | 2.9483 | 3.7116 | 2.5551 | 2.9448 | 0.235 | 0.170 |
| 84 | 3.4501 | 4.3556 | 3.0830 | 3.5719 | 0.227 | 0.160 |
| 85 | 4.0375 | 5.1115 | 3.7200 | 4.3328 | 0.219 | 0.160 |
| 86 | 4.2907 | 5.3811 | 3.9663 | 4.5915 | 0.212 | 0.150 |
| 87 | 4.5637 | 5.6698 | 4.2325 | 4.8699 | 0.204 | 0.150 |
| 88 | 4.8544 | 5.9742 | 4.5168 | 5.1655 | 0.196 | 0.150 |
| 89 | 5.1637 | 6.2953 | 4.8205 | 5.4792 | 0.188 | 0.140 |
| 90 | 5.4931 | 6.6339 | 5.1447 | 5.8122 | 0.180 | 0.140 |
| 91 | 5.7942 | 6.9319 | 5.4446 | 6.1136 | 0.182 | 0.140 |
| 92 | 6.1640 | 7.3050 | 5.8111 | 6.4854 | 0.174 | 0.130 |
| 93 | 6.5577 | 7.6985 | 6.2025 | 6.8801 | 0.166 | 0.130 |
| 94 | 6.9111 | 8.0373 | 6.5583 | 7.2305 | 0.169 | 0.130 |
| 95 | 7.2899 | 8.3982 | 6.9404 | 7.6053 | 0.171 | 0.130 |
| 96 | 7.7557 | 8.8509 | 7.4080 | 8.0684 | 0.163 | 0.120 |
| 97 | 8.1737 | 9.2403 | 7.8329 | 8.4793 | 0.166 | 0.120 |
| 98 | 8.6216 | 9.6552 | 8.2893 | 8.9188 | 0.168 | 0.120 |
| 99 | 9.0864 | 10.0801 | 8.7648 | 9.3730 | 0.171 | 0.110 |
| 100 | 9.5763 | 10.5238 | 9.2677 | 9.8505 | 0.174 | 0.110 |
| 101 | 10.1013 | 10.9965 | 9.8078 | 10.3612 | 0.176 | 0.110 |
| 102 | 10.6460 | 11.4807 | 10.3706 | 10.8892 | 0.179 | 0.110 |
| 103 | 11.2297 | 11.9964 | 10.9751 | 11.4538 | 0.181 | 0.100 |
| 104 | 11.8354 | 12.5247 | 11.6050 | 12.0376 | 0.184 | 0.100 |
| 105 | 12.4738 | 13.0764 | 12.2712 | 12.6512 | 0.187 | 0.100 |
| 106 | 13.1579 | 13.6639 | 12.9866 | 13.3073 | 0.189 | 0.100 |
| 107 | 13.8678 | 14.2659 | 13.7322 | 13.9858 | 0.192 | 0.100 |
| 108 | 14.6161 | 14.8946 | 14.5207 | 14.6989 | 0.195 | 0.100 |
| 109 | 15.4178 | 15.5640 | 15.3674 | 15.4614 | 0.197 | 0.100 |
| 110 | 16.2500 | 16.2500 | 16.2500 | 16.2500 | 0.200 | 0.100 |

Berkshire Life Insurance Company of America
Policy Forms: BG01P(06/04) \& BG01P(01/09) Exhibit E2
Length of Stay Per \$1 of Daily Benefit

| Best Estimate Length of Stay* |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Attained | Male |  | Female |  |
| Age | No COLA | 5\% Compound COLA | No COLA | 5\% Compound COLA |
| 40 | 660.68 | 918.89 | 672.79 | 864.12 |
| 41 | 660.68 | 918.89 | 672.79 | 864.12 |
| 42 | 660.68 | 918.89 | 672.79 | 864.12 |
| 43 | 660.68 | 918.89 | 672.79 | 864.12 |
| 44 | 660.68 | 918.89 | 672.79 | 864.12 |
| 45 | 660.68 | 918.89 | 672.79 | 864.12 |
| 46 | 660.68 | 918.89 | 672.79 | 864.12 |
| 47 | 660.68 | 918.89 | 672.79 | 864.12 |
| 48 | 660.68 | 918.89 | 672.79 | 864.12 |
| 49 | 660.68 | 918.89 | 672.79 | 864.12 |
| 50 | 660.68 | 918.89 | 672.79 | 864.12 |
| 51 | 660.68 | 918.89 | 672.79 | 864.12 |
| 52 | 660.68 | 918.89 | 672.79 | 864.12 |
| 53 | 652.45 | 901.80 | 646.26 | 818.52 |
| 54 | 644.60 | 885.58 | 625.79 | 786.96 |
| 55 | 637.12 | 870.17 | 606.84 | 758.18 |
| 56 | 629.98 | 855.53 | 589.19 | 731.77 |
| 57 | 623.16 | 841.62 | 572.67 | 707.40 |
| 58 | 616.64 | 828.40 | 557.15 | 684.80 |
| 59 | 610.42 | 815.83 | 542.52 | 663.74 |
| 60 | 604.47 | 803.88 | 528.66 | 644.04 |
| 61 | 598.78 | 792.51 | 515.51 | 625.54 |
| 62 | 593.34 | 781.69 | 502.99 | 608.12 |
| 63 | 599.07 | 781.05 | 532.93 | 644.09 |
| 64 | 606.22 | 782.35 | 564.99 | 682.79 |
| 65 | 614.79 | 785.58 | 599.45 | 724.71 |
| 66 | 624.78 | 790.71 | 636.74 | 770.66 |
| 67 | 636.20 | 797.71 | 679.89 | 827.38 |
| 68 | 616.78 | 756.45 | 702.96 | 850.15 |
| 69 | 601.66 | 724.44 | 728.02 | 876.03 |
| 70 | 589.86 | 699.47 | 754.78 | 904.24 |
| 71 | 580.64 | 679.89 | 783.17 | 934.59 |
| 72 | 573.44 | 664.46 | 813.18 | 966.96 |
| 73 | 568.79 | 648.24 | 819.34 | 970.51 |
| 74 | 569.40 | 645.56 | 826.10 | 975.02 |
| 75 | 570.85 | 644.35 | 833.42 | 980.39 |
| 76 | 572.98 | 644.25 | 841.27 | 986.57 |
| 77 | 575.67 | 645.03 | 850.40 | 995.51 |
| 78 | 575.42 | 642.62 | 853.34 | 995.75 |
| 79 | 575.91 | 641.55 | 856.73 | 996.61 |
| 80 | 576.69 | 640.89 | 860.53 | 998.05 |
| 81 | 577.77 | 640.63 | 864.75 | 1,000.07 |
| 82 | 579.11 | 640.73 | 869.37 | 1,002.62 |
| 83 | 566.01 | 622.80 | 851.93 | 972.76 |
| 84 | 555.19 | 608.58 | 840.51 | 955.02 |
| 85 | 545.46 | 595.94 | 830.70 | 939.86 |
| 86 | 536.61 | 584.54 | 822.08 | 926.52 |
| 87 | 528.48 | 574.16 | 814.42 | 914.60 |
| 88 | 510.70 | 552.26 | 778.08 | 868.67 |
| 89 | 495.46 | 533.96 | 745.27 | 827.68 |
| 90 | 481.56 | 517.38 | 715.44 | 790.78 |
| 91 | 468.81 | 502.26 | 688.16 | 757.35 |
| 92 | 457.04 | 488.39 | 663.10 | 726.89 |
| 93 | 457.04 | 488.39 | 663.10 | 726.89 |
| 94 | 457.04 | 488.39 | 663.10 | 726.89 |
| 95 | 457.04 | 488.39 | 663.10 | 726.89 |
| 96 | 457.04 | 488.39 | 663.10 | 726.89 |
| 97 | 457.04 | 488.39 | 663.10 | 726.89 |
| 98 | 457.04 | 488.39 | 663.10 | 726.89 |
| 99 | 457.04 | 488.39 | 663.10 | 726.89 |
| 100 | 457.04 | 488.39 | 663.10 | 726.89 |
| 101 | 457.04 | 488.39 | 663.10 | 726.89 |
| 102 | 457.04 | 488.39 | 663.10 | 726.89 |
| 103 | 457.04 | 488.39 | 663.10 | 726.89 |
| 104 | 457.04 | 488.39 | 663.10 | 726.89 |
| 105 | 457.04 | 488.39 | 663.10 | 726.89 |
| 106 | 457.04 | 488.39 | 663.10 | 726.89 |
| 107 | 457.04 | 488.39 | 663.10 | 726.89 |
| 108 | 457.04 | 488.39 | 663.10 | 726.89 |
| 109 | 457.04 | 488.39 | 663.10 | 726.89 |
| 110 | 457.04 | 488.39 | 663.10 | 726.89 |

* Based on SOA LTC Intercompany 2000-2011 Study (released in 2015) and reinsurer's experiences, 4.5\% interest, Lifetime Benefits, 90 Day Elimination Period

Berkshire Life Insurance Company of America Combined Reinsurer Experience Exhibit E3
Incidence A to E Analysis

| Attained <br> Age | Single Male |  |  |  |  | Single Female |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exposure | Claim <br> Count | Expected <br> Claim Count | A/E | Exposure | Claim <br> Count | Expected <br> Claim Count | A/E |  |
| $40-44$ | 1,179 | 0 | 0 | $0 \%$ | 1,462 | 0 | 0 | $0 \%$ |  |
| $45-49$ | 3,700 | 5 | 1 | $608 \%$ | 5,699 | 7 | 1 | $479 \%$ |  |
| $50-54$ | 8,678 | 6 | 4 | $147 \%$ | 16,582 | 24 | 9 | $264 \%$ |  |
| $55-59$ | 18,253 | 33 | 18 | $183 \%$ | 39,710 | 62 | 46 | $134 \%$ |  |
| $60-64$ | 29,977 | 65 | 62 | $105 \%$ | 71,865 | 194 | 177 | $110 \%$ |  |
| $65-69$ | 37,945 | 162 | 164 | $99 \%$ | 96,385 | 507 | 501 | $101 \%$ |  |
| $70-74$ | 35,298 | 310 | 316 | $98 \%$ | 92,470 | 1,013 | 1,015 | $100 \%$ |  |
| $75-79$ | 23,976 | 457 | 450 | $102 \%$ | 67,201 | 1,571 | 1,569 | $100 \%$ |  |
| $80-84$ | 12,732 | 515 | 497 | $104 \%$ | 38,817 | 1,937 | 1,919 | $101 \%$ |  |
| $85-89$ | 4,959 | 400 | 346 | $116 \%$ | 17,502 | 1,746 | 1,525 | $114 \%$ |  |
| $90+$ | 696 | 92 | 67 | $137 \%$ | 3,003 | 497 | 343 | $145 \%$ |  |
| Total | 177,394 | 2,045 | 1,925 | $106 \%$ | 450,696 | 7,558 | 7,106 | $106 \%$ |  |


| Attained <br> Age | Married Male |  |  |  |  | Married Female |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exposure | Claim <br> Count | Expected <br> Claim Count | $\mathrm{A} / \mathrm{E}$ | Exposure | Claim <br> Count | Expected <br> Claim Count | A/E |  |
| $40-44$ | 3,861 | 0 | 0 | $0 \%$ | 7,045 | 6 | 0 | $3406 \%$ |  |
| $45-49$ | 13,391 | 5 | 1 | $569 \%$ | 21,267 | 15 | 1 | $1128 \%$ |  |
| $50-54$ | 35,278 | 21 | 6 | $368 \%$ | 51,914 | 44 | 8 | $537 \%$ |  |
| $55-59$ | 83,318 | 79 | 33 | $240 \%$ | 109,609 | 115 | 43 | $265 \%$ |  |
| $60-64$ | 151,245 | 216 | 145 | $149 \%$ | 176,000 | 263 | 173 | $152 \%$ |  |
| $65-69$ | 196,472 | 459 | 454 | $101 \%$ | 197,117 | 488 | 479 | $102 \%$ |  |
| $70-74$ | 172,459 | 918 | 957 | $96 \%$ | 151,788 | 877 | 911 | $96 \%$ |  |
| $75-79$ | 105,083 | 1,463 | 1,412 | $104 \%$ | 86,111 | 1,314 | 1,287 | $102 \%$ |  |
| $80-84$ | 45,535 | 1,486 | 1,470 | $101 \%$ | 35,777 | 1,348 | 1,321 | $102 \%$ |  |
| $85-89$ | 12,731 | 953 | 812 | $117 \%$ | 9,978 | 806 | 735 | $110 \%$ |  |
| $90+$ | 977 | 158 | 87 | $181 \%$ | 911 | 133 | 91 | $146 \%$ |  |
| Total | 820,349 | 5,758 | 5,376 | $107 \%$ | 847,518 | 5,409 | 5,049 | $107 \%$ |  |

## Berkshire Life Insurance Company of America <br> Combined Reinsurer Experience <br> Exhibit E4 <br> Claim Termination A to E Analysis

| Duration | Claim Exposure | Actual | Expected | $\mathrm{A} / \mathrm{E}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1st quarter | 1,643 | 477 | 496 | $96 \%$ |
| 2nd quarter | 3,883 | 651 | 496 | $131 \%$ |
| 3rd quarter | 3,250 | 289 | 280 | $103 \%$ |
| 4th quarter | 2,876 | 224 | 208 | $108 \%$ |
| 2 | 9,957 | 2,246 | 2,264 | $99 \%$ |
| 3 | 6,738 | 1,547 | 1,654 | $94 \%$ |
| 4 | 4,548 | 1,406 | 1,282 | $110 \%$ |
| 5 | 2,701 | 676 | 739 | $92 \%$ |
| 6 | 1,757 | 405 | 457 | $89 \%$ |
| 7 | 1,167 | 258 | 313 | $82 \%$ |
| 8 | 776 | 162 | 198 | $82 \%$ |
| 9 | 515 | 107 | 130 | $82 \%$ |
| 10 | 343 | 72 | 100 | $72 \%$ |
| 11 | 223 | 54 | 57 | $95 \%$ |
| 12 | 137 | 35 | 44 | $79 \%$ |
| 13 | 84 | 13 | 31 | $42 \%$ |
| 14 | 56 | 22 | 17 | $128 \%$ |
| 15 | 35 | 14 | 12 | $118 \%$ |
| 16 | 20 | 8 | 3 | $288 \%$ |
| 17 | 15 | 6 | 3 | $174 \%$ |
| 18 | 9 | 4 | 7 | $55 \%$ |
| 19 | 3 | 1 | $21 \%$ |  |
| 20 | 2 | 1 | 2 | $58 \%$ |
| 21 | 1 | 8,679 | $100 \%$ |  |
| Average | 40,740 |  | 8,795 | $99 \%$ |

## Berkshire Life Insurance Company of America

Nationwide Experience Projection
Policy Form: BG01P(06/04)
Exhibit F1

|  | Calendar Year | Before Proposed Rate Increase |  |  | With Proposed Rate Increase* |  |  | at:Year End2018 | $4.50 \%$Disc/AccumFactor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Earned Premium | Incurred Claims | $\begin{aligned} & \hline \text { Loss } \\ & \text { Ratio } \end{aligned}$ | Earned Premium | Incurred Claims | $\begin{aligned} & \hline \text { Loss } \\ & \text { Ratio } \\ & \hline \end{aligned}$ |  |  |
| Historical <br> Experience | 2004 | 163,433 | 0 | 0.0\% | 163,433 | 0 | 0.0\% | 14.5 | 1.8932 |
|  | 2005 | 3,332,517 | 0 | 0.0\% | 3,332,517 |  | 0.0\% | 13.5 | 1.8116 |
|  | 2006 | 9,299,375 | 0 | 0.0\% | 9,299,375 | 0 | 0.0\% | 12.5 | 1.7336 |
|  | 2007 | 18,505,477 | 338,475 | 1.8\% | 18,505,477 | 338,475 | 1.8\% | 11.5 | 1.6590 |
|  | 2008 | 27,747,900 | 88,682 | 0.3\% | 27,747,900 | 88,682 | 0.3\% | 10.5 | 1.5875 |
|  | 2009 | 36,847,300 | 211,859 | 0.6\% | 36,847,300 | 211,859 | 0.6\% | 9.5 | 1.5192 |
|  | 2010 | 43,801,244 | 2,748,251 | 6.3\% | 43,801,244 | 2,748,251 | 6.3\% | 8.5 | 1.4537 |
|  | 2011 | 47,332,109 | 817,116 | 1.7\% | 47,332,109 | 817,116 | 1.7\% | 7.5 | 1.3911 |
|  | 2012 | 47,452,966 | 2,606,467 | 5.5\% | 47,452,966 | 2,606,467 | 5.5\% | 6.5 | 1.3312 |
|  | 2013 | 46,636,000 | 1,304,739 | 2.8\% | 46,636,000 | 1,304,739 | 2.8\% | 5.5 | 1.2739 |
|  | 2014 | 46,211,931 | 2,685,039 | 5.8\% | 46,211,931 | 2,685,039 | 5.8\% | 4.5 | 1.2191 |
|  | 2015 | 46,554,487 | 2,359,526 | 5.1\% | 46,554,487 | 2,359,526 | 5.1\% | 3.5 | 1.1666 |
|  | 2016 | 43,194,170 | 3,204,230 | 7.4\% | 43,194,170 | 3,204,230 | 7.4\% | 2.5 | 1.1163 |
|  | 2017 | 38,276,849 | 7,387,171 | 19.3\% | 38,276,849 | 7,387,171 | 19.3\% | 1.5 | 1.0683 |
|  | 2018 | 32,696,564 | 6,071,253 | 18.6\% | 32,696,564 | 6,071,253 | 18.6\% | 0.5 | 1.0223 |
| Projected Future Experience | 2019 | 23,759,846 | 6,164,582 | 25.9\% | 23,759,846 | 6,164,582 | 25.9\% | -0.5 | 0.9782 |
|  | 2020 | 19,453,238 | 7,384,648 | 38.0\% | 20,972,195 | 7,309,884 | 34.9\% | -1.5 | 0.9361 |
|  | 2021 | 17,301,455 | 8,826,054 | 51.0\% | 19,769,680 | 8,572,402 | 43.4\% | -2.5 | 0.8958 |
|  | 2022 | 16,751,536 | 10,516,227 | 62.8\% | 19,141,310 | 10,214,002 | 53.4\% | -3.5 | 0.8572 |
|  | 2023 | 16,223,880 | 12,488,939 | 77.0\% | 18,538,378 | 12,130,019 | 65.4\% | -4.5 | 0.8203 |
|  | 2024 | 15,694,495 | 14,779,180 | 94.2\% | 17,933,472 | 14,354,441 | 80.0\% | -5.5 | 0.7850 |
|  | 2025 | 15,162,788 | 17,403,135 | 114.8\% | 17,325,911 | 16,902,986 | 97.6\% | -6.5 | 0.7512 |
|  | 2026 | 14,603,377 | 20,382,688 | 139.6\% | 16,686,695 | 19,796,910 | 118.6\% | -7.5 | 0.7188 |
|  | 2027 | 14,021,253 | 23,723,770 | 169.2\% | 16,021,524 | 23,041,973 | 143.8\% | -8.5 | 0.6879 |
|  | 2028 | 13,436,228 | 27,433,784 | 204.2\% | 15,353,040 | 26,645,364 | 173.6\% | -9.5 | 0.6583 |
|  | 2029 | 12,820,571 | 31,498,939 | 245.7\% | 14,649,554 | 30,593,691 | 208.8\% | -10.5 | 0.6299 |
|  | 2030 | 12,193,884 | 35,872,549 | 294.2\% | 13,933,463 | 34,841,608 | 250.1\% | -11.5 | 0.6028 |
|  | 2031 | 11,568,399 | 40,530,262 | 350.4\% | 13,218,746 | 39,365,463 | 297.8\% | -12.5 | 0.5768 |
|  | 2032 | 10,928,978 | 45,392,658 | 415.3\% | 12,488,106 | 44,088,118 | 353.0\% | -13.5 | 0.5520 |
|  | 2033 | 10,277,861 | 50,267,736 | 489.1\% | 11,744,101 | 48,823,092 | 415.7\% | -14.5 | 0.5282 |
|  | 2034 | 9,610,961 | 55,085,601 | 573.2\% | 10,982,060 | 53,502,496 | 487.2\% | -15.5 | 0.5055 |
|  | 2035 | 8,950,915 | 59,702,774 | 667.0\% | 10,227,853 | 57,986,976 | 567.0\% | -16.5 | 0.4837 |
|  | 2036 | 8,292,100 | 64,059,964 | 772.5\% | 9,475,051 | 62,218,945 | 656.7\% | -17.5 | 0.4629 |
|  | 2037 | 7,652,816 | 68,099,903 | 889.9\% | 8,744,567 | 66,142,779 | 756.4\% | -18.5 | 0.4429 |
|  | 2038 | 7,026,520 | 71,712,033 | 1020.6\% | 8,028,924 | 69,651,101 | 867.5\% | -19.5 | 0.4239 |
|  | 2039 | 6,417,733 | 74,879,466 | 1166.8\% | 7,333,287 | 72,727,505 | 991.7\% | -20.5 | 0.4056 |
|  | 2040 | 5,830,112 | 77,567,940 | 1330.5\% | 6,661,836 | 75,338,715 | 1130.9\% | -21.5 | 0.3882 |
|  | 2041 | 5,267,110 | 79,618,648 | 1511.6\% | 6,018,516 | 77,330,487 | 1284.9\% | -22.5 | 0.3714 |
|  | 2042 | 4,731,858 | 80,992,822 | 1711.6\% | 5,406,904 | 78,665,169 | 1454.9\% | -23.5 | 0.3554 |
|  | 2043 | 4,226,899 | 81,617,538 | 1930.9\% | 4,829,909 | 79,271,932 | 1641.3\% | -24.5 | 0.3401 |
|  | 2044 | 3,754,397 | 81,421,027 | 2168.7\% | 4,289,999 | 79,081,068 | 1843.4\% | -25.5 | 0.3255 |
|  | 2045 | 3,315,733 | 80,474,335 | 2427.0\% | 3,788,755 | 78,161,583 | 2063.0\% | -26.5 | 0.3115 |
|  | 2046 | 2,911,732 | 78,857,472 | 2708.3\% | 3,327,120 | 76,591,187 | 2302.0\% | -27.5 | 0.2981 |
|  | 2047 | 2,542,412 | 76,597,335 | 3012.8\% | 2,905,113 | 74,396,004 | 2560.9\% | -28.5 | 0.2852 |
|  | 2048 | 2,207,290 | 73,888,277 | $3347.5 \%$ | 2,522,182 | 71,764,802 | 2845.3\% | -29.5 | 0.2729 |
|  | 2049 | 1,905,479 | 70,748,537 | $3712.9 \%$ | 2,177,315 | 68,715,295 | 3156.0\% | -30.5 | 0.2612 |
|  | 2050 | 1,635,601 | 67,240,835 | 4111.1\% | 1,868,935 | 65,308,400 | 3494.4\% | -31.5 | 0.2499 |
|  | 2051 | 1,396,128 | 63,476,358 | 4546.6\% | 1,595,299 | 61,652,111 | 3864.6\% | -32.5 | 0.2392 |
|  | 2052 | 1,185,110 | 59,530,366 | 5023.2\% | 1,354,178 | 57,819,523 | 4269.7\% | -33.5 | 0.2289 |
|  | 2053 | 1,000,501 | 55,516,318 | 5548.8\% | 1,143,233 | 53,920,835 | 4716.5\% | -34.5 | 0.2190 |
|  | 2054 | 840,002 | 51,440,683 | 6123.9\% | 959,837 | 49,962,329 | 5205.3\% | -35.5 | 0.2096 |
|  | 2055 | 701,427 | 47,421,630 | 6760.7\% | 801,493 | 46,058,780 | 5746.6\% | -36.5 | 0.2006 |
|  | 2056 | 582,671 | 43,443,068 | 7455.9\% | 665,795 | 42,194,558 | 6337.5\% | -37.5 | 0.1919 |
|  | 2057 | 481,598 | 39,541,231 | 8210.4\% | 550,303 | 38,404,856 | 6978.9\% | -38.5 | 0.1837 |
|  | 2058 | 396,266 | 35,785,443 | 9030.7\% | 452,798 | 34,757,005 | 7676.1\% | -39.5 | 0.1758 |
|  | Past | 488,052,322 | 29,822,807 | 6.1\% | 488,052,322 | 29,822,807 | 6.1\% |  |  |
|  | Future | 317,061,160 | 1,991,384,755 | 628.1\% | 357,647,284 | 1,934,468,976 | 540.9\% |  |  |
|  | Lifetime | 805,113,482 | 2,021,207,562 | 251.0\% | 845,699,606 | 1,964,291,783 | 232.3\% |  |  |
| Interest | 4.50\% |  |  |  |  |  |  |  |  |
|  | Past w/ int | 638,474,673 | 34,988,516 | 5.5\% | 638,474,673 | 34,988,516 | 5.5\% |  |  |
|  | Future w/ int | 206,981,090 | 759,323,036 | 366.9\% | 232,017,241 | 737,802,839 | 318.0\% |  |  |
|  | Lifetime w/ int | 845,455,763 | 794,311,552 | 94.0\% | 870,491,914 | 772,791,355 | 88.8\% |  |  |

* Proposed rate increase: $\mathbf{2 0 . 0 \%}$; projection includes $\mathbf{3 \%}$ shock lapse rate, $\mathbf{1 1 \%}$ benefit reduction, and $\mathbf{2 \%}$ adverse selection

Berkshire Life Insurance Company of America Nationwide Experience Projection Policy Form: BG01P(01/09)

Exhibit F2

|  | Calendar Year | Before Proposed Rate Increase |  |  | With Proposed Rate Increase* |  |  | at:Year End2018 | $4.00 \%$ <br> Disc/Accum <br> Factor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Earned Premium | Incurred Claims | $\begin{aligned} & \hline \text { Loss } \\ & \text { Ratio } \end{aligned}$ | Earned Premium | Incurred Claims | Loss <br> Ratio |  |  |
|  | 2009 | 397,107 | 0 | 0.0\% | 397,107 | 0 | 0.0\% | 9.5 | 1.4515 |
|  | 2010 | 4,040,940 | 0 | 0.0\% | 4,040,940 | 0 | 0.0\% | 8.5 | 1.3957 |
|  | 2011 | 11,135,937 | 0 | 0.0\% | 11,135,937 | 0 | 0.0\% | 7.5 | 1.3420 |
|  | 2012 | 20,433,906 | 108,448 | 0.5\% | 20,433,906 | 108,448 | 0.5\% | 6.5 | 1.2904 |
|  | 2013 | 19,821,060 | 220,797 | 1.1\% | 19,821,060 | 220,797 | 1.1\% | 5.5 | 1.2407 |
|  | 2014 | 19,478,201 | 732,048 | 3.8\% | 19,478,201 | 732,048 | 3.8\% | 4.5 | 1.1930 |
|  | 2015 | 19,095,247 | 655,197 | 3.4\% | 19,095,247 | 655,197 | 3.4\% | 3.5 | 1.1471 |
|  | 2016 | 18,726,148 | 842,406 | 4.5\% | 18,726,148 | 842,406 | 4.5\% | 2.5 | 1.1030 |
|  | 2017 | 18,602,887 | 884,718 | 4.8\% | 18,602,887 | 884,718 | 4.8\% | 1.5 | 1.0606 |
|  | 2018 | 18,491,472 | 1,176,276 | 6.4\% | 18,491,472 | 1,176,276 | 6.4\% | 0.5 | 1.0198 |
|  | 2019 | 17,766,002 | 1,376,662 | 7.7\% | 17,766,002 | 1,376,662 | 7.7\% | -0.5 | 0.9806 |
|  | 2020 | 16,007,906 | 1,664,104 | 10.4\% | 17,003,728 | 1,660,745 | 9.8\% | -1.5 | 0.9429 |
|  | 2021 | 11,989,790 | 2,006,764 | 16.7\% | 14,357,556 | 1,973,729 | 13.7\% | -2.5 | 0.9066 |
|  | 2022 | 9,034,022 | 2,414,908 | 26.7\% | 11,278,202 | 2,325,219 | 20.6\% | -3.5 | 0.8717 |
|  | 2023 | 8,826,672 | 2,901,914 | 32.9\% | 11,019,343 | 2,794,138 | 25.4\% | -4.5 | 0.8382 |
|  | 2024 | 8,634,508 | 3,474,955 | 40.2\% | 10,779,443 | 3,345,896 | 31.0\% | -5.5 | 0.8060 |
|  | 2025 | 8,447,731 | 4,149,776 | 49.1\% | 10,546,267 | 3,995,654 | 37.9\% | -6.5 | 0.7750 |
|  | 2026 | 8,248,332 | 4,937,077 | 59.9\% | 10,297,335 | 4,753,714 | 46.2\% | -7.5 | 0.7452 |
|  | 2027 | 8,023,490 | 5,845,759 | 72.9\% | 10,016,639 | 5,628,649 | 56.2\% | -8.5 | 0.7165 |
|  | 2028 | 7,794,478 | 6,889,904 | 88.4\% | 9,730,738 | 6,634,014 | 68.2\% | -9.5 | 0.6889 |
|  | 2029 | 7,550,470 | 8,073,851 | 106.9\% | 9,426,115 | 7,773,990 | 82.5\% | -10.5 | 0.6624 |
|  | 2030 | 7,281,050 | 9,383,905 | 128.9\% | 9,089,767 | 9,035,388 | 99.4\% | -11.5 | 0.6370 |
|  | 2031 | 6,980,774 | 10,830,336 | 155.1\% | 8,714,898 | 10,428,098 | 119.7\% | -12.5 | 0.6125 |
|  | 2032 | 6,687,672 | 12,396,844 | 185.4\% | 8,348,985 | 11,936,427 | 143.0\% | -13.5 | 0.5889 |
|  | 2033 | 6,389,710 | 14,044,191 | 219.8\% | 7,977,005 | 13,522,591 | 169.5\% | -14.5 | 0.5663 |
|  | 2034 | 6,075,166 | 15,747,714 | 259.2\% | 7,584,324 | 15,162,846 | 199.9\% | -15.5 | 0.5445 |
|  | 2035 | 5,756,876 | 17,480,590 | 303.6\% | 7,186,967 | 16,831,364 | 234.2\% | -16.5 | 0.5235 |
|  | 2036 | 5,419,828 | 19,216,339 | 354.6\% | 6,766,191 | 18,502,647 | 273.5\% | -17.5 | 0.5034 |
|  | 2037 | 5,080,397 | 20,882,872 | 411.0\% | 6,342,440 | 20,107,286 | 317.0\% | -18.5 | 0.4840 |
| Future | 2038 | 4,741,997 | 22,450,502 | 473.4\% | 5,919,977 | 21,616,694 | 365.1\% | -19.5 | 0.4654 |
| Future | 2039 | 4,407,232 | 23,890,225 | 542.1\% | 5,502,051 | 23,002,945 | 418.1\% | -20.5 | 0.4475 |
| Experience | 2040 | 4,077,885 | 25,159,637 | 617.0\% | 5,090,890 | 24,225,211 | 475.9\% | -21.5 | 0.4303 |
|  | 2041 | 3,754,242 | 26,204,198 | 698.0\% | 4,686,850 | 25,230,977 | 538.3\% | -22.5 | 0.4138 |
|  | 2042 | 3,434,220 | 26,996,027 | 786.1\% | 4,287,330 | 25,993,398 | 606.3\% | -23.5 | 0.3978 |
|  | 2043 | 3,127,325 | 27,499,834 | 879.3\% | 3,904,197 | 26,478,494 | 678.2\% | -24.5 | 0.3825 |
|  | 2044 | 2,831,894 | 27,712,392 | 978.6\% | 3,535,377 | 26,683,158 | 754.7\% | -25.5 | 0.3678 |
|  | 2045 | 2,549,647 | 27,664,707 | 1085.0\% | 3,183,016 | 26,637,243 | 836.9\% | -26.5 | 0.3537 |
|  | 2046 | 2,282,251 | 27,330,472 | 1197.5\% | 2,849,195 | 26,315,422 | 923.6\% | -27.5 | 0.3401 |
|  | 2047 | 2,031,083 | 26,733,685 | 1316.2\% | 2,535,633 | 25,740,800 | 1015.2\% | -28.5 | 0.3270 |
|  | 2048 | 1,797,113 | 25,916,168 | 1442.1\% | 2,243,542 | 24,953,645 | 1112.2\% | -29.5 | 0.3144 |
|  | 2049 | 1,580,919 | 24,896,676 | 1574.8\% | 1,973,642 | 23,972,016 | 1214.6\% | -30.5 | 0.3023 |
|  | 2050 | 1,382,582 | 23,730,920 | 1716.4\% | 1,726,035 | 22,849,557 | 1323.8\% | -31.5 | 0.2907 |
|  | 2051 | 1,202,044 | 22,449,801 | 1867.6\% | 1,500,649 | 21,616,019 | 1440.4\% | -32.5 | 0.2795 |
|  | 2052 | 1,038,900 | 21,098,120 | 2030.8\% | 1,296,978 | 20,314,539 | 1566.3\% | -33.5 | 0.2688 |
|  | 2053 | 892,509 | 19,720,161 | 2209.5\% | 1,114,220 | 18,987,757 | 1704.1\% | -34.5 | 0.2584 |
|  | 2054 | 762,177 | 18,297,245 | 2400.7\% | 951,513 | 17,617,688 | 1851.5\% | -35.5 | 0.2485 |
|  | 2055 | 647,072 | 16,870,704 | 2607.2\% | 807,814 | 16,244,128 | 2010.9\% | -36.5 | 0.2389 |
|  | 2056 | 546,167 | 15,464,548 | 2831.5\% | 681,843 | 14,890,197 | 2183.8\% | -37.5 | 0.2297 |
|  | 2057 | 458,411 | 14,065,723 | 3068.4\% | 572,287 | 13,543,324 | 2366.5\% | -38.5 | 0.2209 |
|  | 2058 | 382,636 | 12,687,068 | 3315.7\% | 477,688 | 12,215,872 | 2557.3\% | -39.5 | 0.2124 |
|  | Past | 150,222,905 | 4,619,888 | 3.1\% | 150,222,905 | 4,619,888 | 3.1\% |  |  |
|  | Future | 205,923,183 | 640,557,279 | 311.1\% | 249,072,669 | 616,918,142 | 247.7\% |  |  |
|  | Lifetime | 356,146,087 | 645,177,167 | 181.2\% | 399,295,574 | 621,538,030 | 155.7\% |  |  |
| Interest | 4.00\% |  |  |  |  |  |  |  |  |
|  | Past w/ int | 176,507,025 | 5,105,936 | 2.9\% | 176,507,025 | 5,105,936 | 2.9\% |  |  |
|  | Future w/ int | 138,786,796 | 258,260,384 | 186.1\% | 165,571,689 | 248,811,493 | 150.3\% |  |  |
|  | Lifetime w/ int | 315,293,820 | 263,366,320 | 83.5\% | 342,078,714 | 253,917,428 | 74.2\% |  |  |

[^0]
## Berkshire Life Insurance Company of America

Maryland Experience Projection
Policy Form: BG01P(06/04)-MD
Exhibit G1

|  | $\begin{gathered} \text { Calendar } \\ \text { Year } \end{gathered}$ | Before Proposed Rate Increase |  |  | With Proposed Rate Increase* |  |  | at: | 4.50\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Earned } \\ \text { Premium } \end{gathered}$ | Incurred Claims | $\begin{gathered} \hline \text { Loss } \\ \text { Ratio } \end{gathered}$ | Earned Premium | Incurred Claims | $\begin{aligned} & \hline \text { Loss } \\ & \text { Ratio } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Year End } \\ 2018 \end{gathered}$ | Disc/Accum Factor |
| Historical <br> Experience | 2004 | 4,408 | 0 | 0.0\% | 4,408 | 0 | 0.0\% | 14.5 | 1.8932 |
|  | 2005 | 151,678 | 0 | 0.0\% | 151,678 | 0 | 0.0\% | 13.5 | 1.8116 |
|  | 2006 | 500,312 | 0 | 0.0\% | 500,312 | 0 | 0.0\% | 12.5 | 1.7336 |
|  | 2007 | 954,715 | 0 | 0.0\% | 954,715 | 0 | 0.0\% | 11.5 | 1.6590 |
|  | 2008 | 1,304,647 | 0 | 0.0\% | 1,304,647 | 0 | 0.0\% | 10.5 | 1.5875 |
|  | 2009 | 1,561,788 | 0 | 0.0\% | 1,561,788 | 0 | 0.0\% | 9.5 | 1.5192 |
|  | 2010 | 1,606,579 | 0 | 0.0\% | 1,606,579 | 0 | 0.0\% | 8.5 | 1.4537 |
|  | 2011 | 1,697,378 | 5,895 | 0.3\% | 1,697,378 | 5,895 | 0.3\% | 7.5 | 1.3911 |
|  | 2012 | 1,697,227 | 0 | 0.0\% | 1,697,227 | 0 | 0.0\% | 6.5 | 1.3312 |
|  | 2013 | 1,666,189 | 0 | 0.0\% | 1,666,189 | 0 | 0.0\% | 5.5 | 1.2739 |
|  | 2014 | 1,619,689 | 180,963 | 11.2\% | 1,619,689 | 180,963 | 11.2\% | 4.5 | 1.2191 |
|  | 2015 | 1,749,639 | 0 | 0.0\% | 1,749,639 | 0 | 0.0\% | 3.5 | 1.1666 |
|  | 2016 | 1,606,125 | 0 | 0.0\% | 1,606,125 | 0 | 0.0\% | 2.5 | 1.1163 |
|  | 2017 | 1,360,838 | 557,048 | 40.9\% | 1,360,838 | 557,048 | 40.9\% | 1.5 | 1.0683 |
|  | 2018 | 1,240,548 | 0 | 0.0\% | 1,240,548 | 0 | 0.0\% | 0.5 | 1.0223 |
| Projected <br> Future <br> Experience | 2019 | 868,953 | 184,682 | 21.3\% | 868,953 | 184,682 | 21.3\% | -0.5 | 0.9782 |
|  | 2020 | 812,454 | 225,048 | 27.7\% | 875,892 | 222,770 | 25.4\% | -1.5 | 0.9361 |
|  | 2021 | 785,612 | 273,920 | 34.9\% | 897,687 | 266,047 | 29.6\% | -2.5 | 0.8958 |
|  | 2022 | 756,480 | 332,572 | 44.0\% | 864,399 | 323,014 | 37.4\% | -3.5 | 0.8572 |
|  | 2023 | 733,632 | 402,457 | 54.9\% | 838,292 | 390,891 | 46.6\% | -4.5 | 0.8203 |
|  | 2024 | 715,740 | 485,549 | 67.8\% | 817,847 | 471,595 | 57.7\% | -5.5 | 0.7850 |
|  | 2025 | 693,811 | 583,578 | 84.1\% | 792,790 | 566,806 | 71.5\% | -6.5 | 0.7512 |
|  | 2026 | 667,197 | 697,906 | 104.6\% | 762,379 | 677,849 | 88.9\% | -7.5 | 0.7188 |
|  | 2027 | 639,373 | 829,725 | 129.8\% | 730,587 | 805,879 | 110.3\% | -8.5 | 0.6879 |
|  | 2028 | 608,834 | 979,406 | 160.9\% | 695,690 | 951,258 | 136.7\% | -9.5 | 0.6583 |
|  | 2029 | 573,246 | 1,143,847 | 199.5\% | 655,026 | 1,110,974 | 169.6\% | -10.5 | 0.6299 |
|  | 2030 | 541,453 | 1,323,867 | 244.5\% | 618,697 | 1,285,820 | 207.8\% | -11.5 | 0.6028 |
|  | 2031 | 516,203 | 1,520,674 | 294.6\% | 589,844 | 1,476,971 | 250.4\% | -12.5 | 0.5768 |
|  | 2032 | 490,081 | 1,729,837 | 353.0\% | 559,996 | 1,680,123 | 300.0\% | -13.5 | 0.5520 |
|  | 2033 | 463,235 | 1,945,440 | 420.0\% | 529,320 | 1,889,530 | 357.0\% | -14.5 | 0.5282 |
|  | 2034 | 435,839 | 2,159,974 | 495.6\% | 498,016 | 2,097,899 | 421.3\% | -15.5 | 0.5055 |
|  | 2035 | 408,113 | 2,360,355 | 578.4\% | 466,334 | 2,292,521 | 491.6\% | -16.5 | 0.4837 |
|  | 2036 | 380,397 | 2,540,644 | 667.9\% | 434,665 | 2,467,629 | 567.7\% | -17.5 | 0.4629 |
|  | 2037 | 352,920 | 2,697,048 | 764.2\% | 403,267 | 2,619,538 | 649.6\% | -18.5 | 0.4429 |
|  | 2038 | 325,896 | 2,835,349 | 870.0\% | 372,389 | 2,753,864 | 739.5\% | -19.5 | 0.4239 |
|  | 2039 | 299,499 | 2,960,538 | 988.5\% | 342,226 | 2,875,455 | 840.2\% | -20.5 | 0.4056 |
|  | 2040 | 273,843 | 3,070,891 | 1121.4\% | 312,910 | 2,982,637 | 953.2\% | -21.5 | 0.3882 |
|  | 2041 | 249,094 | 3,152,348 | 1265.5\% | 284,630 | 3,061,753 | 1075.7\% | -22.5 | 0.3714 |
|  | 2042 | 225,423 | 3,212,314 | 1425.0\% | 257,582 | 3,119,995 | 1211.3\% | -23.5 | 0.3554 |
|  | 2043 | 202,875 | 3,248,532 | 1601.2\% | 231,817 | 3,155,172 | 1361.1\% | -24.5 | 0.3401 |
|  | 2044 | 181,524 | 3,263,525 | 1797.9\% | 207,420 | 3,169,735 | 1528.2\% | -25.5 | 0.3255 |
|  | 2045 | 161,430 | 3,256,771 | 2017.5\% | 184,460 | 3,163,175 | 1714.8\% | -26.5 | 0.3115 |
|  | 2046 | 142,655 | 3,224,454 | 2260.3\% | 163,006 | 3,131,787 | 1921.3\% | -27.5 | 0.2981 |
|  | 2047 | 125,229 | 3,151,185 | 2516.3\% | 143,094 | 3,060,623 | 2138.9\% | -28.5 | 0.2852 |
|  | 2048 | 109,179 | 3,059,409 | 2802.2\% | 124,754 | 2,971,485 | 2381.9\% | -29.5 | 0.2729 |
|  | 2049 | 94,526 | 2,920,775 | 3089.9\% | 108,011 | 2,836,835 | 2626.4\% | -30.5 | 0.2612 |
|  | 2050 | 81,264 | 2,753,027 | 3387.8\% | 92,857 | 2,673,907 | 2879.6\% | -31.5 | 0.2499 |
|  | 2051 | 69,362 | 2,573,279 | 3709.9\% | 79,257 | 2,499,326 | 3153.5\% | -32.5 | 0.2392 |
|  | 2052 | 58,738 | 2,396,340 | 4079.7\% | 67,118 | 2,327,472 | 3467.7\% | -33.5 | 0.2289 |
|  | 2053 | 49,332 | 2,224,809 | 4509.9\% | 56,369 | 2,160,870 | 3833.4\% | -34.5 | 0.2190 |
|  | 2054 | 41,083 | 2,051,684 | 4994.0\% | 46,944 | 1,992,721 | 4244.9\% | -35.5 | 0.2096 |
|  | 2055 | 33,909 | 1,889,827 | 5573.3\% | 38,746 | 1,835,515 | 4737.3\% | -36.5 | 0.2006 |
|  | 2056 | 27,730 | 1,736,206 | 6261.1\% | 31,686 | 1,686,309 | 5322.0\% | -37.5 | 0.1919 |
|  | 2057 | 22,447 | 1,581,846 | 7047.0\% | 25,649 | 1,536,385 | 5990.0\% | -38.5 | 0.1837 |
|  | 2058 | 17,978 | 1,423,837 | 7920.1\% | 20,542 | 1,382,917 | 6732.1\% | -39.5 | 0.1758 |
|  | Past | 18,721,759 | 743,906 | 4.0\% | 18,721,759 | 743,906 | 4.0\% |  |  |
|  | Future | 14,236,586 | 78,403,475 | 550.7\% | 16,091,146 | 76,159,734 | 473.3\% |  |  |
|  | Lifetime | 32,958,345 | 79,147,381 | 240.1\% | 34,812,905 | 76,903,640 | 220.9\% |  |  |
| Interest | 4.50\% |  |  |  |  |  |  |  |  |
|  | Past w/ int | 24,787,321 | 823,873 | 3.3\% | 24,787,321 | 823,873 | 3.3\% |  |  |
|  | Future w/ int | 9,157,181 | 29,339,936 | 320.4\% | 10,293,164 | 28,505,849 | 276.9\% |  |  |
|  | Lifetime w/ int | 33,944,502 | 30,163,809 | 88.9\% | 35,080,485 | 29,329,723 | 83.6\% |  |  |

[^1]Berkshire Life Insurance Company of America
Maryland Experience Projection
Policy Form: BG01P(01/09)-MD
Exhibit G2

|  | Calendar Year | Before Proposed Rate Increase |  |  | With Proposed Rate Increase* |  |  | at:Year End2018 | $4.00 \%$ <br> Disc/Accum Factor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Earned Premium | Incurred Claims | Loss <br> Ratio | Earned Premium | Incurred Claims | Loss <br> Ratio |  |  |
|  | 2009 | 8,947 | 0 | 0.0\% | 8,947 | 0 | 0.0\% | 9.5 | 1.4515 |
|  | 2010 | 179,337 | 0 | 0.0\% | 179,337 | 0 | 0.0\% | 8.5 | 1.3957 |
|  | 2011 | 338,225 | 0 | 0.0\% | 338,225 | 0 | 0.0\% | 7.5 | 1.3420 |
|  | 2012 | 566,368 | 2,921 | 0.5\% | 566,368 | 2,921 | 0.5\% | 6.5 | 1.2904 |
|  | 2013 | 586,132 | 0 | 0.0\% | 586,132 | 0 | 0.0\% | 5.5 | 1.2407 |
|  | 2014 | 554,455 | 0 | 0.0\% | 554,455 | 0 | 0.0\% | 4.5 | 1.1930 |
|  | 2015 | 530,979 | 156,337 | 29.4\% | 530,979 | 156,337 | 29.4\% | 3.5 | 1.1471 |
|  | 2016 | 528,108 | 0 | 0.0\% | 528,108 | 0 | 0.0\% | 2.5 | 1.1030 |
|  | 2017 | 515,481 | 0 | 0.0\% | 515,481 | 0 | 0.0\% | 1.5 | 1.0606 |
|  | 2018 | 488,245 | 0 | 0.0\% | 488,245 | 0 | 0.0\% | 0.5 | 1.0198 |
| Projected Future Experience | 2019 | 488,594 | 29,453 | 6.0\% | 488,594 | 29,453 | 6.0\% | -0.5 | 0.9806 |
|  | 2020 | 434,186 | 36,249 | 8.3\% | 461,196 | 36,176 | 7.8\% | -1.5 | 0.9429 |
|  | 2021 | 333,241 | 44,464 | 13.3\% | 399,050 | 43,732 | 11.0\% | -2.5 | 0.9066 |
|  | 2022 | 279,019 | 54,398 | 19.5\% | 348,332 | 52,378 | 15.0\% | -3.5 | 0.8717 |
|  | 2023 | 275,362 | 66,517 | 24.2\% | 343,766 | 64,046 | 18.6\% | -4.5 | 0.8382 |
|  | 2024 | 271,327 | 81,073 | 29.9\% | 338,729 | 78,061 | 23.0\% | -5.5 | 0.8060 |
|  | 2025 | 266,879 | 98,415 | 36.9\% | 333,176 | 94,760 | 28.4\% | -6.5 | 0.7750 |
|  | 2026 | 261,987 | 118,736 | 45.3\% | 327,068 | 114,326 | 35.0\% | -7.5 | 0.7452 |
|  | 2027 | 256,623 | 142,868 | 55.7\% | 320,372 | 137,562 | 42.9\% | -8.5 | 0.7165 |
|  | 2028 | 250,757 | 171,256 | 68.3\% | 313,048 | 164,896 | 52.7\% | -9.5 | 0.6889 |
|  | 2029 | 244,330 | 204,268 | 83.6\% | 305,025 | 196,681 | 64.5\% | -10.5 | 0.6624 |
|  | 2030 | 237,324 | 241,634 | 101.8\% | 296,279 | 232,660 | 78.5\% | -11.5 | 0.6370 |
|  | 2031 | 229,738 | 284,233 | 123.7\% | 286,808 | 273,677 | 95.4\% | -12.5 | 0.6125 |
|  | 2032 | 221,584 | 332,542 | 150.1\% | 276,629 | 320,192 | 115.7\% | -13.5 | 0.5889 |
|  | 2033 | 212,884 | 384,046 | 180.4\% | 265,768 | 369,783 | 139.1\% | -14.5 | 0.5663 |
|  | 2034 | 203,717 | 438,958 | 215.5\% | 254,323 | 422,655 | 166.2\% | -15.5 | 0.5445 |
|  | 2035 | 194,171 | 497,045 | 256.0\% | 242,405 | 478,585 | 197.4\% | -16.5 | 0.5235 |
|  | 2036 | 184,292 | 559,258 | 303.5\% | 230,073 | 538,487 | 234.1\% | -17.5 | 0.5034 |
|  | 2037 | 174,141 | 618,683 | 355.3\% | 217,400 | 595,706 | 274.0\% | -18.5 | 0.4840 |
|  | 2038 | 163,858 | 678,212 | 413.9\% | 204,563 | 653,023 | 319.2\% | -19.5 | 0.4654 |
|  | 2039 | 153,541 | 730,861 | 476.0\% | 191,683 | 703,717 | 367.1\% | -20.5 | 0.4475 |
|  | 2040 | 143,293 | 776,701 | 542.0\% | 178,890 | 747,854 | 418.1\% | -21.5 | 0.4303 |
|  | 2041 | 133,155 | 822,203 | 617.5\% | 166,232 | 791,667 | 476.2\% | -22.5 | 0.4138 |
|  | 2042 | 123,176 | 857,712 | 696.3\% | 153,775 | 825,857 | 537.1\% | -23.5 | 0.3978 |
|  | 2043 | 113,458 | 889,395 | 783.9\% | 141,643 | 856,363 | 604.6\% | -24.5 | 0.3825 |
|  | 2044 | 103,988 | 918,506 | 883.3\% | 129,820 | 884,393 | 681.2\% | -25.5 | 0.3678 |
|  | 2045 | 94,804 | 944,080 | 995.8\% | 118,355 | 909,017 | 768.0\% | -26.5 | 0.3537 |
|  | 2046 | 85,916 | 969,112 | 1128.0\% | 107,258 | 933,119 | 870.0\% | -27.5 | 0.3401 |
|  | 2047 | 77,365 | 981,278 | 1268.4\% | 96,584 | 944,833 | 978.3\% | -28.5 | 0.3270 |
|  | 2048 | 69,222 | 982,599 | 1419.5\% | 86,417 | 946,105 | 1094.8\% | -29.5 | 0.3144 |
|  | 2049 | 61,498 | 973,303 | 1582.6\% | 76,775 | 937,154 | 1220.6\% | -30.5 | 0.3023 |
|  | 2050 | 54,235 | 946,389 | 1745.0\% | 67,708 | 911,240 | 1345.8\% | -31.5 | 0.2907 |
|  | 2051 | 47,486 | 910,651 | 1917.7\% | 59,283 | 876,829 | 1479.1\% | -32.5 | 0.2795 |
|  | 2052 | 41,274 | 870,545 | 2109.2\% | 51,527 | 838,213 | 1626.7\% | -33.5 | 0.2688 |
|  | 2053 | 35,585 | 827,328 | 2324.9\% | 44,425 | 796,601 | 1793.1\% | -34.5 | 0.2584 |
|  | 2054 | 30,407 | 785,200 | 2582.3\% | 37,961 | 756,037 | 1991.6\% | -35.5 | 0.2485 |
|  | 2055 | 25,743 | 736,694 | 2861.7\% | 32,138 | 709,333 | 2207.1\% | -36.5 | 0.2389 |
|  | 2056 | 21,581 | 687,334 | 3184.9\% | 26,942 | 661,806 | 2456.4\% | -37.5 | 0.2297 |
|  | 2057 | 17,898 | 635,241 | 3549.2\% | 22,344 | 611,649 | 2737.4\% | -38.5 | 0.2209 |
|  | 2058 | 14,675 | 572,081 | 3898.3\% | 18,321 | 550,834 | 3006.6\% | -39.5 | 0.2124 |
|  | Past | 4,296,279 | 159,257 | 3.7\% | 4,296,279 | 159,257 | 3.7\% |  |  |
|  | Future | 6,632,318 | 21,899,520 | 330.2\% | 8,060,686 | 21,089,461 | 261.6\% |  |  |
|  | Lifetime | 10,928,597 | 22,058,777 | 201.8\% | 12,356,965 | 21,248,718 | 172.0\% |  |  |
| Interest | 4.00\% |  |  |  |  |  |  |  |  |
|  | Past w/ int | 5,072,982 | 183,109 | 3.6\% | 5,072,982 | 183,109 | 3.6\% |  |  |
|  | Future w/ int | 4,332,270 | 8,306,250 | 191.7\% | 5,197,834 | 8,000,863 | 153.9\% |  |  |
|  | Lifetime w/ int | 9,405,252 | 8,489,358 | 90.3\% | 10,270,816 | 8,183,972 | 79.7\% |  |  |

[^2]
## Berkshire Life Insurance Company of America

Policy Form: BG01P(06/04)
Exhibit H1
Nationwide Policy and Premium Distribution

|  | Policies | Premium | \% of Policies | \% of Premium |
| :---: | :---: | :---: | :---: | :---: |
| Base |  |  |  |  |
| Comprehensive | 4,778 | 24,407,495 | 99\% | 99\% |
| Facility Only | 47 | 153,366 | 1\% | 1\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| COLA Options |  |  |  |  |
| No COLA | 679 | 2,266,717 | 14\% | 9\% |
| Compound COLA 5\% | 2,584 | 15,285,416 | 54\% | 62\% |
| Compound COLA 3\% | 1,562 | 7,008,728 | 32\% | 29\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Nonforfeiture Options |  |  |  |  |
| None | 4,739 | 23,976,951 | 98\% | 98\% |
| SBP NFO | 17 | 81,507 | 0\% | 0\% |
| Full ROP \& SBP | 1 | 9,117 | 0\% | 0\% |
| Limited ROP | 68 | 493,285 | 1\% | 2\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Pay Period |  |  |  |  |
| 10 Pay | 707 | 7,003,157 | 15\% | 29\% |
| Lifetime | 3,992 | 16,801,200 | 83\% | 68\% |
| Paid up at Age 65 | 126 | 756,504 | 3\% | 3\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Joint/Single Life |  |  |  |  |
| Joint | 2,625 | 15,752,354 | 54\% | 64\% |
| Single | 2,200 | 8,808,507 | 46\% | 36\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Billing Mode |  |  |  |  |
| Annual | 1,925 | 10,912,686 | 40\% | 44\% |
| Semi-Annual | 211 | 1,067,880 | 4\% | 4\% |
| Quarterly | 487 | 2,692,377 | 10\% | 11\% |
| Monthly | 2,202 | 9,887,918 | 46\% | 40\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Elimination Period |  |  |  |  |
| 0 Days | 40 | 333,314 | 1\% | 1\% |
| 30 Days | 411 | 2,191,479 | 9\% | 9\% |
| 60 Days | 144 | 524,574 | 3\% | 2\% |
| 90 Days | 4,013 | 20,407,717 | 83\% | 83\% |
| 180 Days | 217 | 1,103,777 | 4\% | 4\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Benefit Period |  |  |  |  |
| 3 Year / 3 Year | 461 | 1,467,264 | 10\% | 6\% |
| 4 Year/4 Year | 255 | 902,011 | 5\% | 4\% |
| 5 Year/5 Year | 648 | 2,817,096 | 13\% | 11\% |
| Lifetime / 5 Year | 0 | 0 | 0\% | 0\% |
| Lifetime / Lifetime | 3,461 | 19,374,489 | 72\% | 79\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Issue Age Cohort |  |  |  |  |
| 16-25 | 9 | 24,791 | 0\% | 0\% |
| 26-35 | 43 | 243,009 | 1\% | 1\% |
| 36-45 | 380 | 1,810,835 | 8\% | 7\% |
| 46-55 | 1,741 | 8,157,622 | 36\% | 33\% |
| 56-65 | 2,276 | 11,820,899 | 47\% | 48\% |
| 66-75 | 356 | 2,317,570 | 7\% | 9\% |
| 76-85 | 20 | 186,136 | 0\% | 1\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |
| Daily Benefit Cohort |  |  |  |  |
| \$1-\$50 | 46 | 69,646 | 1\% | 0\% |
| \$51-\$100 | 732 | 2,080,812 | 15\% | 8\% |
| \$101-\$150 | 1,442 | 6,036,743 | 30\% | 25\% |
| \$151-\$200 | 1,499 | 8,014,241 | 31\% | 33\% |
| \$201-\$250 | 507 | 3,344,015 | 11\% | 14\% |
| \$251-\$300 | 479 | 3,897,200 | 10\% | 16\% |
| \$301-\$350 | 120 | 1,118,205 | 2\% | 5\% |
| Total | 4,825 | 24,560,861 | 100\% | 100\% |

## Berkshire Life Insurance Company of America

Policy Form: BG01P(01/09)
Exhibit H2
Nationwide Policy and Premium Distribution

|  | Policies | Premium | \% of Policies | \% of Premium |
| :---: | :---: | :---: | :---: | :---: |
| Base |  |  |  |  |
| Comprehensive | 2,856 | 17,457,401 | 99\% | 99\% |
| Facility Only | 35 | 126,265 | 1\% | 1\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| COLA Options |  |  |  |  |
| No COLA | 728 | 3,227,430 | 25\% | 18\% |
| Compound COLA 6\% | 37 | 271,533 | 1\% | 2\% |
| Compound COLA 5\% | 1,506 | 10,653,197 | 52\% | 61\% |
| Compound COLA 4\% | 144 | 822,357 | 5\% | 5\% |
| Compound COLA 3\% | 452 | 2,494,247 | 16\% | 14\% |
| Step Pay Compound COLA 5\% | 24 | 114,902 | 1\% | 1\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Nonforfeiture Options |  |  |  |  |
| None | 2,797 | 16,472,628 | 97\% | 94\% |
| SBP NFO | 9 | 62,385 | 0\% | 0\% |
| Full ROP \& SBP | 1 | 28,736 | 0\% | 0\% |
| Full ROP | 46 | 768,455 | 2\% | 4\% |
| Policy Surrender | 38 | 251,462 | 1\% | 1\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Pay Period |  |  |  |  |
| 10 Pay | 765 | 8,384,927 | 26\% | 48\% |
| Lifetime | 2,093 | 9,014,257 | 72\% | 51\% |
| Paid up at Age 65 | 33 | 184,481 | 1\% | 1\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Joint/Single Life |  |  |  |  |
| Joint | 1,643 | 11,463,874 | 57\% | 65\% |
| Single | 1,248 | 6,119,792 | 43\% | 35\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Billing Mode |  |  |  |  |
| Annual | 1,500 | 10,489,721 | 52\% | 60\% |
| Semi-Annual | 123 | 696,132 | 4\% | 4\% |
| Quarterly | 255 | 1,599,844 | 9\% | 9\% |
| Monthly | 1,013 | 4,797,969 | 35\% | 27\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Elimination Period |  |  |  |  |
| 0 Days | 10 | 75,211 | 0\% | 0\% |
| 30 Days | 172 | 1,099,915 | 6\% | 6\% |
| 90 Days | 2,483 | 15,181,176 | 86\% | 86\% |
| 180 Days | 226 | 1,227,364 | 8\% | 7\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Benefit Period |  |  |  |  |
| 3 Year / 3 Year | 527 | 2,091,224 | 18\% | 12\% |
| 4 Year/4 Year | 360 | 1,895,484 | 12\% | 11\% |
| 5 Year/5 Year | 274 | 1,407,149 | 9\% | 8\% |
| 6 Year / 6 Year | 155 | 889,626 | 5\% | 5\% |
| Lifetime / Lifetime | 1,575 | 11,300,183 | 54\% | 64\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Issue Age Cohort |  |  |  |  |
| 16-25 | 1 | 3,765 | 0\% | 0\% |
| 26-35 | 20 | 147,156 | 1\% | 1\% |
| 36-45 | 222 | 1,139,888 | 8\% | 6\% |
| 46-55 | 1,011 | 5,895,051 | 35\% | 34\% |
| 56-65 | 1,414 | 8,662,801 | 49\% | 49\% |
| 66-75 | 214 | 1,649,699 | 7\% | 9\% |
| 76-85 | 9 | 85,306 | 0\% | 0\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |
| Daily Benefit Cohort |  |  |  |  |
| \$1-\$50 | 36 | 66,004 | 1\% | 0\% |
| \$51-\$100 | 471 | 1,554,903 | 16\% | 9\% |
| \$101-\$150 | 824 | 4,150,618 | 29\% | 24\% |
| \$151-\$200 | 877 | 5,971,772 | 30\% | 34\% |
| \$201-\$250 | 265 | 2,245,831 | 9\% | 13\% |
| \$251-\$300 | 222 | 1,956,730 | 8\% | 11\% |
| \$301-\$350 | 47 | 367,293 | 2\% | 2\% |
| \$351-\$400 | 149 | 1,270,515 | 5\% | 7\% |
| Total | 2,891 | 17,583,666 | 100\% | 100\% |


| Berkshire Life Insurance Company of America Policy Form: BG01P(06/04)-MD <br> Exhibit H3 <br> Maryland Policy and Premium Distribution |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Policies | Premium | \% of Policies | \% of Premium |
| Base |  |  |  |  |
| Comprehensive | 166 | 926,681 | 100\% | 100\% |
| Facility Only | 0 | 0 | 0\% | 0\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| COLA Options |  |  |  |  |
| No COLA | 10 | 47,441 | 6\% | 5\% |
| Compound COLA 5\% | 108 | 661,986 | 65\% | 71\% |
| Compound COLA 3\% | 48 | 217,254 | 29\% | 23\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Nonforfeiture Options |  |  |  |  |
| None | 162 | 914,331 | 98\% | 99\% |
| SBP NFO | 0 | 0 | 0\% | 0\% |
| Full ROP \& SBP | 0 | 0 | 0\% | 0\% |
| Limited ROP | 4 | 12,350 | 2\% | 1\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Pay Period |  |  |  |  |
| 10 Pay | 7 | 120,273 | 4\% | 13\% |
| Lifetime | 146 | 732,034 | 88\% | 79\% |
| Paid up at Age 65 | 13 | 74,374 | 8\% | 8\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Joint/Single Life |  |  |  |  |
| Joint | 101 | 634,169 | 61\% | 68\% |
| Single | 65 | 292,512 | 39\% | 32\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Billing Mode |  |  |  |  |
| Annual | 63 | 321,158 | 38\% | 35\% |
| Semi-Annual | 7 | 32,523 | 4\% | 4\% |
| Quarterly | 17 | 150,477 | 10\% | 16\% |
| Monthly | 79 | 422,523 | 48\% | 46\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Elimination Period |  |  |  |  |
| 0 Days | 6 | 90,728 | 4\% | 10\% |
| 30 Days | 23 | 121,282 | 14\% | 13\% |
| 60 Days | 0 | 0 | 0\% | 0\% |
| 90 Days | 125 | 642,112 | 75\% | 69\% |
| 180 Days | 12 | 72,560 | 7\% | 8\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Benefit Period |  |  |  |  |
| 3 Year/3 Year | 20 | 73,691 | 12\% | 8\% |
| 4 Year/4 Year | 11 | 37,635 | 7\% | 4\% |
| 5 Year/5 Year | 28 | 144,045 | 17\% | 16\% |
| Lifetime / 5 Year | 0 | 0 | 0\% | 0\% |
| Lifetime / Lifetime | 107 | 671,311 | 64\% | 72\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Issue Age Cohort |  |  |  |  |
| 16-25 | 0 | 0 | 0\% | 0\% |
| 26-35 | 1 | 2,962 | 1\% | 0\% |
| 36-45 | 17 | 115,891 | 10\% | 13\% |
| 46-55 | 69 | 375,749 | 42\% | 41\% |
| 56-65 | 72 | 370,195 | 43\% | 40\% |
| 66-75 | 6 | 45,503 | 4\% | 5\% |
| 76-85 |  | 16,380 | 1\% | 2\% |
| Total | 166 | 926,681 | 100\% | 100\% |
| Daily Benefit Cohort |  |  |  |  |
| \$1-\$50 | 0 | 0 | 0\% | 0\% |
| \$51-\$100 | 9 | 24,136 | 5\% | 3\% |
| \$101-\$150 | 59 | 256,500 | 36\% | 28\% |
| \$151-\$200 | 82 | 467,872 | 49\% | 50\% |
| \$201-\$250 | 7 | 53,532 | 4\% | 6\% |
| \$251-\$300 | 9 | 124,641 | 5\% | 13\% |
| \$301-\$350 | 0 | 0 | 0\% | 0\% |
| Total | 166 | 926,681 | 100\% | 100\% |

## Berkshire Life Insurance Company of America

Policy Form: BG01P(01/09)-MD

## Exhibit H4

Maryland Policy and Premium Distribution

|  | Policies | Premium | \% of Policies | \% of Premium |
| :---: | :---: | :---: | :---: | :---: |
| Base |  |  |  |  |
| Comprehensive | 77 | 479,216 | 99\% | 99\% |
| Facility Only | 1 | 3,812 | 1\% | 1\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| COLA Options |  |  |  |  |
| No COLA | 11 | 33,910 | 14\% | 7\% |
| Compound COLA 6\% | 1 | 6,595 | 1\% | 1\% |
| Compound COLA 5\% | 49 | 344,643 | 63\% | 71\% |
| Compound COLA 4\% | 4 | 14,675 | 5\% | 3\% |
| Compound COLA 3\% | 12 | 79,463 | 15\% | 16\% |
| Step Pay Compound COLA 5\% | 1 | 3,743 | 1\% | 1\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Nonforfeiture Options |  |  |  |  |
| None | 78 | 483,028 | 100\% | 100\% |
| SBP NFO | 0 | 0 | 0\% | 0\% |
| Full ROP \& SBP | 0 | 0 | 0\% | 0\% |
| Full ROP | 0 | 0 | 0\% | 0\% |
| Limited ROP | 0 | 0 | 0\% | 0\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Pay Period |  |  |  |  |
| 10 Pay | 16 | 196,839 | 21\% | 41\% |
| Lifetime | 62 | 286,189 | 79\% | 59\% |
| Paid up at Age 65 | 0 | 0 | 0\% | 0\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Joint/Single Life |  |  |  |  |
| Joint | 47 | 329,980 | 60\% | 68\% |
| Single | 31 | 153,049 | 40\% | 32\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Billing Mode |  |  |  |  |
| Annual | 43 | 287,745 | 55\% | 60\% |
| Semi-Annual | 3 | 12,178 | 4\% | 3\% |
| Quarterly | 8 | 40,690 | 10\% | 8\% |
| Monthly | 24 | 142,415 | 31\% | 29\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Elimination Period |  |  |  |  |
| 0 Days | 0 | 0 | 0\% | 0\% |
| 30 Days | 8 | 42,551 | 10\% | 9\% |
| 60 Days | 0 | 0 | 0\% | 0\% |
| 90 Days | 60 | 377,347 | 77\% | 78\% |
| 180 Days | 10 | 63,131 | 13\% | 13\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Benefit Period |  |  |  |  |
| 3 Year / 3 Year | 15 | 59,793 | 19\% | 12\% |
| 4 Year / 4 Year | 6 | 19,839 | 8\% | 4\% |
| 5 Year / 5 Year | 10 | 41,349 | 13\% | 9\% |
| 6 Year / 6 Year | 4 | 23,902 | 5\% | 5\% |
| Lifetime / Lifetime | 43 | 338,144 | 55\% | 70\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Issue Age Cohort |  |  |  |  |
| 16-25 | 0 | 0 | 0\% | 0\% |
| 26-35 | 0 | 0 | 0\% | 0\% |
| 36-45 | 10 | 66,276 | 13\% | 14\% |
| 46-55 | 27 | 163,623 | 35\% | 34\% |
| 56-65 | 38 | 231,197 | 49\% | 48\% |
| 66-75 | 3 | 21,932 | 4\% | 5\% |
| 76-85 | 0 | 0 | 0\% | 0\% |
| Total | 78 | 483,028 | 100\% | 100\% |
| Daily Benefit Cohort |  |  |  |  |
| \$1-\$50 | 2 | 221 | 3\% | 0\% |
| \$51-\$100 | 6 | 25,327 | 8\% | 5\% |
| \$101-\$150 | 19 | 110,623 | 24\% | 23\% |
| \$151-\$200 | 29 | 140,682 | 37\% | 29\% |
| \$201-\$250 | 13 | 123,597 | 17\% | 26\% |
| \$251-\$300 | 5 | 62,364 | 6\% | 13\% |
| \$301-\$350 | 0 | 0 | 0\% | 0\% |
| \$351-\$400 | 4 | 20,214 | 5\% | 4\% |
| Tot | 78 | 483,028 | 00\% | 00\% |

Berkshire Life Insurance Company of America
Demonstration that Lifetime Incurred Claims with Requested Rate Increases are Not Less than Lifetime Earned Premium with Prescribed Factors Policy Form: BG01P(06/04)

Exhibit I1

| 1 Accumulated value of initial earned premium | 628,049,604 | x | 58\% | 364,268,771 |
| :---: | :---: | :---: | :---: | :---: |
| 2a Accumulated value of earned premium | 638,474,673 |  |  |  |
| 2 b Accumulated value of prior premium rate schedule increases ( $2 \mathrm{a}-1$ ) | 10,425,069 | x | 85\% | 8,861,309 |
| 3 Present value of future projected initial earned premium | 190,047,876 | X | 58\% | 110,227,768 |
| 4a Present value of future projected premium | 232,017,241 |  |  |  |
| 4 b Present value of future projected premium in excess of the projected initial earned premiums (4a-3) | 41,969,365 | X | 85\% | 35,673,960 |
| 5 Lifetime Earned Premium Times Prescribed Factor: Sum of 1, 2b, 3, and 4b |  |  |  | 519,031,807 |
| 6a Accumulated value of incurred claims without the inclusion of active life reserves |  |  |  | 34,988,516 |
| 6b Present value of future projected incurred claims without the inclusion of active life reserves |  |  |  | 811,583,123 |
| 7 Lifetime Incurred Claims with Rate Increase: Sum 6a and 6b |  |  |  | $\begin{gathered} \text { 846,571,639 } \\ \text { TRUE } \end{gathered}$ |

Note: Present and accumulated values in the lifetime projections in Exhibit I1 are determined at the maximum valuation interest rate of $4.5 \%$

Berkshire Life Insurance Company of America
Demonstration that Lifetime Incurred Claims with Requested Rate Increases are Not Less than Lifetime Earned Premium with Prescribed Factors Policy Form: BG01P(01/09) Exhibit I2

| 1 Accumulated value of initial earned premium | 176,507,025 | x | 58\% | 102,374,074 |
| :---: | :---: | :---: | :---: | :---: |
| 2a Accumulated value of earned premium | 176,507,025 |  |  |  |
| 2 b Accumulated value of prior premium rate schedule increases (2a-1) | - | X | 85\% | - |
| 3 Present value of future projected initial earned premium | 138,786,796 | X | 58\% | 80,496,341 |
| 4a Present value of future projected premium | 165,571,689 |  |  |  |
| 4 b Present value of future projected premium in excess of the projected initial earned premiums (4a-3) | 26,784,894 | X | 85\% | 22,767,160 |
| 5 Lifetime Earned Premium Times Prescribed Factor: Sum of 1, 2b, 3, and 4b |  |  |  | 205,637,575 |
| 6a Accumulated value of incurred claims without the inclusion of active life reserves |  |  |  | 5,105,936 |
| 6b Present value of future projected incurred claims without the inclusion of active life reserves |  |  |  | 273,692,642 |
| 7 Lifetime Incurred Claims with Rate Increase: Sum 6a and 6b |  |  |  | $\begin{aligned} & \text { 278,798,578 } \\ & \text { TRUE } \end{aligned}$ |

Note: Present and accumulated values in the lifetime projections in Exhibit I2 are determined at the maximum valuation interest rate of $4.0 \%$


[^0]:    * Proposed rate increase: 2 Phases of $\mathbf{1 5 . 0 \%}$ each; projection includes $\mathbf{3 \%}$ shock lapse rate, $\mathbf{1 1 \%}$ benefit reduction, and $\mathbf{2 \%}$ of adverse selection.

[^1]:    * Proposed rate increase: $\mathbf{2 0 . 0 \%}$; projection includes $\mathbf{3 \%}$ shock lapse rate, $\mathbf{1 1 \%}$ benefit reduction, and $\mathbf{2 \%}$ adverse selection

[^2]:    * Proposed rate increase: 2 Phases of $\mathbf{1 5 . 0 \%}$ each; projection includes $\mathbf{3 \%}$ shock lapse rate, $\mathbf{1 1 \%}$ benefit reduction, and $\mathbf{2 \%}$ of adverse selection.

