| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Filing at a Glance

Company:
Product Name:
State:
TOI:
Sub-TOI:
Filing Type:
Date Submitted:
SERFF Tr Num:
SERFF Status:
State Tr Num:
State Status:
Co Tr Num:

## Effective

Date Requested:
Author(s):
Reviewer(s):
Disposition Date:
Disposition Status:
Effective Date:

Genworth Life Insurance Company
2022 Flex 1 Rate Request
Virginia
LTC03I Individual Long Term Care
LTC03I. 001 Qualified
Form/Rate
11/04/2022
GEFA-133451445
Closed-Approved and Filed
GEFA-133451445
Approved \& Filed
2022 FLEX 1 RATE REQUEST
On Approval
Richard Cromwell, Ronald Jackson, Camisha Jones
Greg Smith (primary), Colleen Moore
04/30/2024
Approved and Filed

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## General Information

Project Name: 2022 Flex 1 Rate Request
Project Number: 2022 Flex 1 Rate Request
Requested Filing Mode: Review \& Approval
Explanation for Combination/Other:
Submission Type: New Submission
Overall Rate Impact: 22.2\%
Deemer Date: 05/04/2024
Submitted By: Ronald Jackson

Status of Filing in Domicile: Authorized
Date Approved in Domicile: 04/26/2021
Domicile Status Comments: N/A
Market Type: Individual Individual Market Type:
Filing Status Changed: 04/30/2024
State Status Changed: 04/30/2024
Created By: Ronald Jackson
Corresponding Filing Tracking Number:
State TOI: LTC03I Individual Long Term Care

Filing Description:
RE:Genworth Life Insurance Company (GLIC)
Company NAIC No: 70025
Policy Forms7052VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052RDR-LP65 VA, 7052RDR-LP10 VA

The referenced filing is a Long-Term Care (LTC) rate schedule change request submitted for your review and applies to the referenced policy forms.

In this filing, GLIC is requesting a premium rate increase according to the table below, on the above-mentioned policy forms. In the submitted actuarial memorandum, we include detailed rate increase justification and we demonstrate that this premium rate increase satisfies Long Term Care regulatory requirements of Virginia and the Rate Stability regulation.

Benefit PeriodBenefit Increase Option (BIO)*Requested Rate Increase for policies that are not subject to revised couples discount
CO LifetimeHigh BIO60.4\%
CO LimitedHigh BIO20.2\%
CO LifetimeLow BIO0\%
CO LimitedLow BIO0\%
LD LimitedHigh BIO26.7\%
LD LimitedLow BIO0\%
*High BIO does not include policies without BIO or $1 \%$ BIO.
GLIC will offer insureds affected by the premium increase several alternative options to change their benefits in order to maintain a premium rate level reasonably similar to what they were paying prior to the rate increase. The benefit and rate combinations are consistent with the rate tables approved by the Department. Details on the available alternative options are presented in section 6 of the Actuarial Memorandum.

In addition, Genworth is amending the Statement of Variability (see Supporting Documentation tab) previously provided as a supporting document under SERFF \# GEFA-126825490 to expand the Compound Benefit Increases to include a $1 \%$ option.

Thank you for your assistance in reviewing this filing.

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Company and Contact

## Filing Contact Information

Ronald N. Jackson, Product Compliance ronald.jackson@genworth.com
Manager
Product Compliance 804-289-6725 [Phone]
P O Box 27601
804-281-6916 [FAX]
Richmond, VA 23261-7601

## Filing Company Information

Genworth Life Insurance Company
6610 W Broad Street
Richmond, VA 23230
(804) 281-6600 ext. [Phone]

CoCode: 70025
Group Code: 4011
Group Name:
FEIN Number: 91-6027719

State of Domicile: Delaware
Company Type: LifeHealth \& Annuity
State ID Number:


## Filing Fees

## State Fees

Fee Required? No
Retaliatory? No
Fee Explanation:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC031.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |
| Correspondence Summary |  |  |  |
| Dispositions |  |  |  |
| Status | Created By | Created On | Date Submitted |
| Approved and Filed | Colleen Moore | 04/30/2024 | 04/30/2024 |

## Objection Letters and Response Letters

| Objection Letters |  |  |  |
| :---: | :---: | :---: | :---: |
| Status | Created By | Created On | Date Submitted |
| Info has been requested from company | Colleen Moore | 04/29/2024 | 04/29/2024 |
| Info has been requested from company | Colleen Moore | 04/23/2024 | 04/25/2024 |
| Info has been requested from company | Colleen Moore | 04/10/2024 | 04/10/2024 |
| Info has been requested from company | Colleen Moore | 03/26/2024 | 03/27/2024 |
| Info has been requested from company | Colleen Moore | 03/22/2024 | 03/22/2024 |
| Info has been requested from company | Colleen Moore | 02/05/2024 | 02/05/2024 |
| Info has been requested from company | Colleen Moore | 01/16/2024 | 01/16/2024 |
| Info has been requested from company | Bill Dismore | 05/16/2023 | 05/16/2023 |
| Info has been requested from company | Bill Dismore | 05/09/2023 | 05/09/2023 |
| Info has been requested from company | Bill Dismore | 04/10/2023 | 04/10/2023 |


| Response Letters |  | Created On |
| :--- | :--- | :--- |
| Responded By | $04 / 30 / 2024$ | Date Submitted |
| Ronald Jackson | $04 / 26 / 2024$ | $04 / 30 / 2024$ |
| Ronald Jackson | $04 / 10 / 2024$ | $04 / 26 / 2024$ |
| Ronald Jackson | $04 / 04 / 2024$ | $04 / 10 / 2024$ |
| Ronald Jackson | $03 / 28 / 2024$ | $03 / 28 / 2024$ |
| Ronald Jackson | $02 / 13 / 2024$ | $02 / 13 / 2024$ |
| Ronald Jackson | $01 / 29 / 2024$ | $01 / 29 / 2024$ |
| Ronald Jackson | $06 / 15 / 2023$ | $06 / 15 / 2023$ |
| Ronald Jackson | $06 / 13 / 2023$ | $06 / 13 / 2023$ |
| Ronald Jackson | $05 / 08 / 2023$ | $05 / 08 / 2023$ |
| Ronald Jackson |  |  |


| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Objection Letters and Response Letters

## Objection Letters

| Status | Created By | Created On | Date Submitted |
| :---: | :---: | :---: | :---: |
| Info has been requested from company | Bill Dismore | 03/30/2023 | 03/30/2023 |
| Info has been requested from company | Bill Dismore | 03/30/2023 | 03/30/2023 |
| Info has been requested from company | Bill Dismore | 03/23/2023 | 03/23/2023 |
| Info has been requested from company | Bill Dismore | 03/14/2023 | 03/14/2023 |
| Info has been requested from company | Bill Dismore | 03/13/2023 | 03/13/2023 |
| Info has been requested from company | Bill Dismore | 03/09/2023 | 03/09/2023 |
| Info has been requested from company | Bill Dismore | 03/08/2023 | 03/08/2023 |
| Info has been requested from company | Bill Dismore | 01/06/2023 | 01/06/2023 |
| Info has been requested from company | Bill Dismore | 11/10/2022 | 11/10/2022 |

## Response Letters

| Responded By | Created On | Date Submitted |
| :--- | :--- | :--- |
| Ronald Jackson | $04 / 04 / 2023$ | $04 / 04 / 2023$ |
| Ronald Jackson | $04 / 04 / 2023$ | $04 / 04 / 2023$ |
| Ronald Jackson | $03 / 30 / 2023$ | $03 / 30 / 2023$ |
| Ronald Jackson | $03 / 23 / 2023$ | $03 / 23 / 2023$ |
| Ronald Jackson | $03 / 22 / 2023$ | $03 / 22 / 2023$ |
| Ronald Jackson | $03 / 23 / 2023$ | $03 / 23 / 2023$ |
| Ronald Jackson | $03 / 14 / 2023$ | $03 / 14 / 2023$ |
| Ronald Jackson | $02 / 17 / 2023$ | $02 / 17 / 2023$ |
| Richard Cromwell | $12 / 18 / 2022$ | $12 / 19 / 2022$ |

## Filing Notes

| Subject | Note Type | Created By | Created On | Date Submitted |
| :--- | :--- | :--- | :--- | :--- |
| Actuarial Summary \& Opinion Report | Reviewer Note | Bill Dismore | 06/28/2023 |  |
| RRS | Reviewer Note | Bill Dismore | $11 / 10 / 2022$ |  |


| State: | Virginia |
| :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |
| Product Name: | 2022 Flex 1 Rate Request |

## Disposition

Disposition Date: 04/30/2024
Effective Date:
Status: Approved and Filed
Comment: In approving this filing, the Company is reminded that pursuant to 14 VAC5-200-153 D, it is required to provide updated experience reports for the next 3 years comparing the actual results to the results that the company projected in justifying the rate increase. We would expect the first of the three experience report filings to be made no later than 15-18 months after implementation, capturing a full 12 months of experience following the rate implementation, and including updated data through the most recent year end.

| Company Name: | Overall \% <br> Indicated <br> Change: | Overall \% <br> Rate <br> Impact: | Written Premium Change for this Program: | Number of Policy Holders Affected for this Program: | Written Premium for this Program: | Maximum \% <br> Change <br> (where req'd): | Minimum \% <br> Change <br> (where req'd): |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Genworth Life Insurance Company | 22.200\% | 22.200\% | \$1,862,129 | 3,420 | \$8,372,004 | 60.400\% | 0.000\% |


| Schedule | Schedule Item | Schedule Item Status | Public Access |
| :--- | :--- | :--- | :--- |
| Form (revised) | Important Change Cover Letter | Filed | Yes |
| Form (revised) | Premium Change Notice Cover Letter | Filed | Yes |
| Form (revised) | Considerations Related To Your Benefits | Filed | Yes |
| Form (revised) | Coverage Options | Filed | Yes |
| Form | Important Information Regarding This Premium |  |  |
| Form | Important Change Cover Letter | Filed | Yes |
| Form | Important Change Cover Letter | Withdrawn | No |
| Form | Important Change Cover Letter | Withdrawn | No |
| Form | Premium Change Notice Cover Letter | Withdrawn | No |
| Form | Premium Change Notice Cover Letter | Withdrawn | No |
| Form | Premium Change Notice Cover Letter | Withdrawn | No |
| Form | Considerations Related To Your Benefits | Withdrawn | Withdrawn |
| Form | Considerations Related To Your Benefits | Withdrawn | No |
| Form | Coverage Options | Withdrawn | No |
| Form | Coverage Options | Withdrawn | No |
| Rate (revised) | Rate Tables | Approved | No |


| State: | Virginia |
| :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |
| Product Name: | 2022 Flex 1 Rate Request |

Filing Company: Genworth Life Insurance Company

| Schedule | Schedule Item | Schedule Item Status | Public Access |
| :---: | :---: | :---: | :---: |
| Rate | Rate Tables | Withdrawn | No |
| Rate | Rate Tables | Withdrawn | No |
| Rate | Rate Tables | Withdrawn | No |
| Supporting Document (revised) | Certification of Compliance/Readability | Received \& Acknowledged | Yes |
| Supporting Document | Product Checklist | Received \& Acknowledged | Yes |
| Supporting Document (revised) | L\&H Actuarial Memorandum | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Long Term Care Insurance Rate Request Summary | Received \& Acknowledged | Yes |
| Supporting Document | L\&H Readability - Health | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Cover Letter | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Current Rate Tables | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Variability Statement | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Sample Policyholder Notification | Received \& Acknowledged | Yes |
| Supporting Document (revised) | Removed | Received \& Acknowledged | No |
| Supporting Document (revised) | Redline Copies Of Change | Received \& Acknowledged | Yes |
| Supporting Document | Response attachment. | Received \& Acknowledged | Yes |
| Supporting Document | 12/19/2022 Response | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (2/17/23) | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (3/22/23) | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (3/24/23) | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (4/4/23) | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (5/8/23) | Received \& Acknowledged | Yes |
| Supporting Document | Experience Exhibits, 58/85 Test, Filing Status, et. al. | Received \& Acknowledged | Yes |
| Supporting Document | Experience and Blended "If-Knew" Exhibits | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (3/28/24) | Received \& Acknowledged | Yes |
| Supporting Document | Amendment Letter (4/4/24) | Received \& Acknowledged | Yes |
| Supporting Document | Response Letter (4/26/24) | Received \& Acknowledged | Yes |
| Supporting Document | Sample Schedule and Forms | Received \& Acknowledged | Yes |
| Supporting Document | Certification of Compliance/Readability | Withdrawn | No |
| Supporting Document | L\&H Actuarial Memorandum | Withdrawn | No |
| Supporting Document | L\&H Actuarial Memorandum | Withdrawn | No |
| Supporting Document | L\&H Actuarial Memorandum | Withdrawn | No |


| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |


| Schedule | Schedule Item | Schedule Item Status | Public Access |
| :---: | :---: | :---: | :---: |
| Supporting Document | L\&H Actuarial Memorandum | Withdrawn | No |
| Supporting Document | Long Term Care Insurance Rate Request Summary | Withdrawn | No |
| Supporting Document | Long Term Care Insurance Rate Request Summary | Withdrawn | No |
| Supporting Document | Long Term Care Insurance Rate Request Summary | Withdrawn | No |
| Supporting Document | Long Term Care Insurance Rate Request Summary | Withdrawn | No |
| Supporting Document | Long Term Care Insurance Rate Request Summary | Withdrawn | No |
| Supporting Document | Cover Letter | Withdrawn | No |
| Supporting Document | Cover Letter | Withdrawn | No |
| Supporting Document | Current Rate Tables | Withdrawn | No |
| Supporting Document | Variability Statement | Withdrawn | No |
| Supporting Document | Variability Statement | Withdrawn | No |
| Supporting Document | Sample Policyholder Notification | Withdrawn | No |
| Supporting Document | Sample Policyholder Notification | Withdrawn | No |
| Supporting Document | Sample Policyholder Notification | Withdrawn | No |
| Supporting Document | Sample Policyholder Notification | Withdrawn | No |
| Supporting Document | Variability Statement (1\% BIO) | Withdrawn | No |
| Supporting Document | Redline copies of change | Withdrawn | No |
| Supporting Document | Redline copies of change | Withdrawn | No |
| Supporting Document | Redline copies of change | Withdrawn | No |


| State: | Virginia $\quad$ Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $04 / 29 / 2024$ |
| Submitted Date | $04 / 29 / 2024$ |
| Respond By Date | $04 / 30 / 2024$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: Thank you for updating the RRS. Please confirm that the average annual premium reflects the figure after the rate increase. In looking at the data on the Rate/Rule Schedule, it appears to be the current average premium.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention. Please let me know if you need additional clarification.

Thank you for your courtesy and consideration in this matter.

Colleen Moore
Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | Filing Company: |  |  | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
04/25/2024
04/25/2024
04/26/2024

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

Comments: Re: Filing Description on the General Information Tab - Using a post submission update, please update paragraph 3 to reflect the revised increase request.

## Objection 2

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: 1) Please confirm the average annual premium per member.
2) Please revise the range of requested rate changes to be 0\% - $60.4 \%$.

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Page 1 - please include all applicable form numbers in the heading.

## Objection 4

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)

Comments: We note that the company inserted a new comma in the enclosure form number "134613VA,06/29/16". Please confirm if there is a comma in the form number - it does not show up in the sample attached in the John Doe letter.

## Objection 5

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)

Comments: 1) Please attach copies of the Optional Limited Benefit and Contingent Benefit Upon Lapse endorsements under supporting documentation and provide the SERFF filing number where these forms were approved.
2) Please also attach copies of any other documents which will be used to amend a policyholder's coverage and include the SERFF filing numbers where the forms were approved.

## Objection 6

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)

Comments: RE: Reducing Coverage Percentage

1) Please explain how a policyholder's premium rate for the reduced coverage percentage option be determined and provide

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | ---: | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

examples. We note that this option was not listed in Section 6 of the Actuarial Memorandum.
2) The Reducing Coverage Percentage section is not marked as variable. Please confirm if all policyholders will be eligible for this option.
3) This section states the policyholder choosing this alternative will receive a new policy schedule. Please provide the SERFF filing number where the new schedule form was approved and attach a copy of the schedule in supporting documentation.

## Objection 7

- Sample Policyholder Notification (Supporting Document)

Comments: 1) In the John Doe version of 165239Flex VA, in the section "Stop paying premiums and receive a Limited Benefit" the wording refers to the Contingent Benefit Upon Lapse option, but the "Please Note" refers to the Optional Limited Benefit Endorsement. Please resolve this discrepancy.
2) In the John Doe NQ letter, the \% increase does not appear to reflect the increases in this filing. Please revise to reflect how the letter is to be used with this filing.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention. Please let me know if you need additional clarification.

Thank you for your courtesy and consideration in this matter.

## Colleen Moore

Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $04 / 10 / 2024$ |
| Submitted Date | $04 / 10 / 2024$ |
| Respond By Date | $04 / 24 / 2024$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

Comments: Please explain how the policy will be amended for an insured who selects the new $1 \%$ BIO option. Will they receive an endorsement? If so, please provide the SERFF filing number where the endorsement has been approved.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention. Please let me know if you need additional clarification.

Thank you for your courtesy and consideration in this matter.

Colleen Moore
Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/27/2024
03/27/2024
04/26/2024

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)

Comments: 1) There appears to be an issue with the formatting of the enclosures line. It is now appearing on page 2.
2) Please explain the change in the form numbers of the enclosures.

## Objection 2

- Coverage Options, 165226Flex VA 10/01/22 (Form)

Comments: Re: The response to Objection 3 submitted 2/13/24.
The Bureau continues to have concerns about the inclusion of the partnership checkbox below the chart. Our concerns would be addressed if the company included the final sentence found in the Special Election Option communication:
** By checking this box and signing this form, you acknowledge that the reduction in coverage is below your state benefit minimum for Partnership; and therefore, your policy will no longer be Partnership qualified and you will lose the associated asset protection. Options that we believe will result in loss of Partnership Status are indicated with a double-asterisks (**).

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

A response to this request for information is expected within 30 days. After 30 days, the filing will be DISAPPROVED and CLOSED unless an extension is requested. An initial extension of up to 30 -days will be granted upon request before the Respond By Date.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Please let me know if you need additional clarification.
Thank you for your courtesy and consideration in this matter.


Senior Insurance Market Examiner

Sincerely, Colleen Moore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/22/2024
03/22/2024
04/21/2024

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-
SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)
- L\&H Actuarial Memorandum (Supporting Document)
- Long Term Care Insurance Rate Request Summary (Supporting Document)
- Cover Letter (Supporting Document)

Comments: 1)In accordance with discussions with the Bureau, please update the filing, including Rate Tables and Rate/Rule Schedule information, Actuarial Memorandum and projections, Rate/Request Summary and Cover Letter, and General Information tab as appropriate to support the following increases:

Limited High Bio with the revised couples discount: 26.7\%
Limited High Bio without the revised couples discount: 20.2\%
Lifetime High Bio without the revised couples discount: $60.4 \%$
2)The Bureau is requesting Genworth consider phasing the increases over a 2- or 3-year period without actuarial adjustment for time value of money.

## Objection 2

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: 1.Please move the current rates to Supporting Documentation and only include the proposed rates under the Rate/Rule Schedule.
2.Please clearly indicate on the rate sheets which couples discount applies.
3.This filing includes rates for policyholders with and without the revised couples discount. The prior filing, GEFA-132466851, included only rates for form 7052 VA policyholders without the revised couples discount.

Please provide the SERFF filing number where the current rates for policies with the revised couples discount were approved. Is it GEFA-126825490?

There appears to be conflicting information about the revised couples discount between the prior filing and the current filing. The

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

actuarial memorandum in the prior filing included the following statement when discussing the addendum revising the couples discount: The addendum mentioned above was not approved in your state and no policies were issued with the revised couples discount. It does appear that the revised couples discount was approved in Virginia in GEFA-128311783. Please explain these differences.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

A response to this request for information is expected within 30 days. After 30 days, the filing will be DISAPPROVED and CLOSED unless an extension is requested. An initial extension of up to 30-days will be granted upon request before the Respond By Date.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Please let me know if you need additional clarification.
Thank you for your courtesy and consideration in this matter.

Colleen Moore
Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
02/05/2024
02/05/2024
03/06/2024

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Variability Statement (1\% BIO) (Supporting Document)

Comments: We note that this filing includes an amended statement of variability. Please confirm if the revised SOV has previously been submitted to the Bureau for review and provide the SERFF filing number. If the revised SOV has not previously been reviewed by the Bureau, please note that 14VAC5-101-80 E states that requests for revisions to an SOV must be made in the original filing.

## Objection 2

- Considerations Related To Your Benefits, 165224CRBFlex VA 10/01/22 (Form)

Comments: 1) The first bullet on the SOV states: "This form only prints when quotes are provided." We note that the form number is included in the letter as a non-variable enclosure. If the attachment may, or may not, be included it should be marked as variable in the letter and defined in the SOV.
2) The 6th bullet item beginning "If the policyholder currently has ...." ends with an explanation of the variability for [monthly]. Please clarify which item in the letter this applies to.
3) Section 2 - Online Tools Available - We note that the company website in this paragraph is not marked as variable. Please confirm if the company would like to mark the website as variable.

## Objection 3

- Coverage Options, 165226Flex VA 10/01/22 (Form)
- Variability Statement (Supporting Document)

Comments: 1) The first bullet on the SOV states: "This Coverage Options page will be included in premium increase notices where quoted options are available for benefit reduction." We note that the form number is included in the letter as a non-variable enclosure. If the attachment may, or may not, be included it should be marked as variable in the letter and defined in the SOV.
2) Section 2, Change your policy's benefits to lower your premium. For the maximum benefit, in the SOV please also include the variable ranges for the monthly benefit maximums.
3) The checkbox item underneath the chart concerning partnership policies is not required by Virginia regulations and is not an acceptable requirement for completion of the insured's benefit change request. 14VAC5-200-75 D.2.c. requires the inclusion of a disclosure that some benefit reduction options may result in a loss in partnership status that may reduce policyholder protections. This notification is included in form 165224CRBFlex VA 10/01/22 and 165239Flex VA 10/01/22.

The wording in the checkbox item says the reduction in coverage "is" below the state minimum and appears to be giving legal advice.

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Please revise the form to remove the checkbox item.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

A response to this request for information is expected within 30 days. After 30 days, the filing will be DISAPPROVED and CLOSED unless an extension is requested. An initial extension of up to 30-days will be granted upon request before the Respond By Date.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Please let me know if you need additional clarification.

Thank you for your courtesy and consideration in this matter.

Colleen Moore
Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $01 / 16 / 2024$ |
| Submitted Date | $01 / 16 / 2024$ |
| Respond By Date | $01 / 30 / 2024$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: Please update the requested \% rate change to be consistent with the Rate/Rule Schedule.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention. Please let me know if you need additional clarification.

Thank you for your courtesy and consideration in this matter.

Colleen Moore
Senior Insurance Market Examiner

Sincerely,
Colleen Moore

| State: | Virginia | $\quad$ Filing Company: |  |  | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $05 / 16 / 2023$ |
| Submitted Date | $05 / 16 / 2023$ |
| Respond By Date | $06 / 15 / 2023$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Experience Exhibits, 58/85 Test, Filing Status, et. al. (Supporting Document)

Comments: The Inc in Incurred Claims value in Attachment 6 (PPV Calculations) does not equal the difference in the two items above. Please check all calculations and include the formulas in this exhibit so that it is easier to validate.

## Objection 2

- Experience Exhibits, 58/85 Test, Filing Status, et. al. (Supporting Document)

Comments: No supporting projections or calculations were provided for the If-Knew/Makeup Blend (Minnesota) Method in Attachment 10.

Please provide all of the data and show the formulas for this calculation.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
05/09/2023
05/09/2023
06/08/2023

Dear Ronald N. Jackson, Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Certification of Compliance/Readability (Supporting Document)

Comments: Please explain why the Flesch Reading Score is marked "N/A".

## Objection 2

- Sample Policyholder Notification (Supporting Document)

Comments: All Sample Policyholder Notifications should be in a "John/Jane Doe" format with completed fields showing Company and John Doe addresses, phone numbers, hours and other pertinent information just as if "John/Jane Doe" were an actual policyholder.

Please remove any variable bracket and text that does not apply in the sample John/Jane Doe letter.

## Objection 3

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)
- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)

Comments: On page 1, 2nd paragraph, the month is indicated by "Mmmm". Please clarify if this is a typo or if it is designed to indicate the name of the month (i.e. December which has 8 letters instead of 4 letters) or the numerical number of the month (i.e. 06 for the month of June in which case it should read " mm ").

## Objection 4

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)
- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)

Comments: Page 1, 2nd paragraph, please clarify the modality of the current and new premium (i.e., monthly or annual, etc.).

## Objection 5

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)

Comments: Page 2, 3rd paragraph under "Policy is Guaranteed Renewable and subject to future premium increases
The second sentence states, "The actual increases we seek may be higher or more numerous than the plans described above.
Please clarify and explain what is meant by ". . . the plans described above." We were unable to find any description of "the plans".

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | ---: | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection 6

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)

Comments: Please explain the purpose of the last section, "About Genworth Life Insurance Company (Genworth) and how it relates to "Important Information Regarding This Premium Increase."

## Objection 7

- Variability Statement (Supporting Document)

Comments: Please review 14VAC5-101-80 for compliance.
The current Statement of Variability (SOV) is not clear nor easy to follow. Please revise each SOV for compliance and in particular with 14VAC5-101-80 D.

The SOV must list each variable bracketed text in the same order that it appears on the form and separately and completely explain in detail how it should be used.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
04/10/2023
04/10/2023
05/09/2023

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Response Letter (2/17/23) (Supporting Document)

Comments: 1.As requested in the previous objection (01/06/2023), the Bureau requires that all supporting projections must be updated to use the $10 \%$ MAE and for each of the segments that the Company has expanded the rate increases to apply. Projections include:
a.NW projections without the requested rate increase
b.NW projections including the requested rate increase
c.NW projections using all original assumptions for the actual cohort of policies issued
d.Demonstration of compliance with 14VAC5-200-153 G.2., where the original anticipated lifetime loss ratio is calculated in accordance with item $c$. of this request.
e.All projections and calculations supporting the Prospective Present Value (Texas) Method (including the restatement of the present values under prior assumptions to use $10 \%$ MAE)
f.All projections and calculations supporting the If-Knew/Makeup Blend (Minnesota) Method, inc/uding cost-sharing as specified on pages 23-24 of the LTCI MSA Framework. Note: previous rate increases must also be backed out of the allowable increase under this method.

Please either supply revised exhibits or identify which exhibits the Company has provided and believes satisfy each of the above.

## Objection 2

- L\&H Actuarial Memorandum (Supporting Document)

Comments: It may be advantageous for the Company to update Exhibit 13 with any filing dispositions or new filings that have occurred since December 31, 2022.

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide an exhibit analogous to Exhibit 13 for policies subject to the couples discount.

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | ---: | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection 4

- L\&H Actuarial Memorandum (Supporting Document)

Comments: The active life reserve balance for Limited High BIO subject to revised couples discount is $826,639,619$, which is almost twice the PV of future benefits of 418,710,468 in Exhibit 34b. At the same time, the ALR balance for Limited High BIO not subject to revised couples discount is 111,056,065, which is only $3.5 \%$ the PV of future benefits of 3,210,949,662 in Exhibit 33c.

Please confirm that these ALR numbers represent the same segment of policies that is included in the cited projections.

## Objection 5

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please correct Exhibit 36b, which is supposed to contain a $94.8 \%$ rate increase, but which has identical values to Exhibit 34b without increase.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | ---: | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $03 / 30 / 2023$ |
| Submitted Date | $03 / 30 / 2023$ |
| Respond By Date | $04 / 06 / 2023$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: In the previous rate filing, GEFA-132466851, the company reported the total number of policyholders as 2,830 . In this filing the number has grown to 3,342. Please explain this discrepancy since this is a closed block of business.

Also, in the company 12/18/2022 objection response, the total policyholder count for Couples with and without the discount is 3,427 instead of the reported 3,342. Please explain this discrepancy. In our earlier objection letter, it appears from the company's $12 / 18 / 2022$ response that the count for the Lifetime High BIO with Couples Discount is 0 . Please confirm in that response that this is the correct count.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $03 / 30 / 2023$ |
| Submitted Date | $03 / 30 / 2023$ |
| Respond By Date | $04 / 06 / 2023$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: 1) Please provide the number of policyholders with the Couples Discount with the Lifetime High BIO benefit. The company states that no rate increase is requested for this subset. Confirm if the historical, projected and lifetime experience has been included even though no rate increase has been requested.
2) Please note that there is an outstanding objection in SERFF for which the company provided a "post-submission" update. Just respond to the outstanding objection letter of 3/23/2023 by stating that a post-submission update was submitted on 3/23/2023 in response to the objection.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia $\quad$ Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/23/2023
03/23/2023
03/30/2023

Dear Ronald N. Jackson,

## Introduction:

One or more forms included within the submission were found to be in non-conformity with statutory, regulatory or administrative requirements as set forth below.

## Objection 1

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: 1) The Average Requested \% Rate Change should be $87.4 \%$ recently revised by Post-Submission Update. Please revise.
2) The Range of Requested Rate Changes should be $0.00 \%$ to $132.00 \%$ as reflected on the Company Rate Information recently revised by Post-Submission Update. Please revise.

## Conclusion:

We shall be glad to reconsider this submission upon receipt of the revised forms to address the objections noted above. Should you need clarification of any of the information contained in this letter, please contact the undersigned.

Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Thank you for your courtesy and consideration in this matter.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/14/2023
03/14/2023
03/24/2023

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please explain why there are no Flex 1 Addendum Exhibits for Lifetime High BIO subject to the Revised Couples Discount. Even though the company may not be considering a rate increase on this subset, the \# of policies, in-force lives and Average Issue and Attained Age should be provided along with the historical, projected and lifetime experience for both the Nationwide and Virginia blocks.

## Objection 2

- Cover Letter (Supporting Document)

Comments: Please provide as a post-submission update the revised Company Rate Information under the Rate/Rule Schedule tab. In addition, please ensure that the Rate Review Summary, Actuarial Memorandum and all other supporting documentation has been updated.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/13/2023
03/13/2023
03/23/2023

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.

Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: There are 17 policy form, endorsement and riders listed on page 1 of the actuarial memorandum. Page 3 lists a number of benefits and optional riders.

Please provide a description for each of the 17 policy form, endorsement and riders including the SERFF Tr. \# under which each was approved.

## Objection 2

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please clarify that the proposed rate increase is only to the base rate and does not apply to the riders. Please clearly list any exceptions.

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Exhibit IA states that it represents, "Lifetime High BIO With Virginia Approved Rate Increase* without MAE". Applicable to policies that are not subject to couples discount. Then at the bottom of the exhibit, under "Accumulated and Present Values as of $1231 / 2021$ "Lifetime with MAE. This statement is confusing due to the statement at the top that states the exhibit is "without MAE.

Please clarify.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.


Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
03/09/2023
03/09/2023
03/23/2023

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: For ease of comparison purposes, please organize the proposed premium rate schedule columns to match those in the previously approved rate increase filing GEFA-1324466851. Move the $1 \%$ BIO column to the far right since this is a new addition.

## Objection 2

- Cover Letter (Supporting Document)

Comments: Please provide the justification to charge different rates for policies that are subject to the revised couple's discount vs. policies that are not subject to the revised couple's discount.

VA Regulation 14VAC5-130-50 states that premium rates may vary only by:
i.Individual or family
ii. Rating area
iii.Age
iv.Tobacco Usage.

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: The first line of the February 2023 Addendum to Actuarial Memorandum references Pennsylvania. Please advise if this memo is intended for Virginia and if all information contained in it is relevant to Virginia.

## Objection 4

- Response Letter (2/17/23) (Supporting Document)

Comments: Please advise if the chart for the prior response \#7 related to the active life reserve balance by subset is mislabeled. It appears that the heading for subject to vs. not subject to is reversed.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

| Objection Letter Status | Info has been requested from company |
| :--- | :--- |
| Objection Letter Date | $03 / 08 / 2023$ |
| Submitted Date | $03 / 08 / 2023$ |
| Respond By Date | $03 / 15 / 2023$ |

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-


## SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: Rate/Rule Schedule.

In reviewing the proposed premium rate schedules (VA Flex 1 CO Proposed Rate Schedule 202221021.pdf) it appears that the only rate increase is on page 9 requesting a 95\% increase for High BIO Unlimited schedule.

Please clarify if the Minimum \% change should be $0.00 \%$ instead of $95 \%$ since there appears to be no rate change requested except to the Unilimited High BIO plan.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia $\quad$ Filing Company: Genworth Life Insurance Company |  |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
01/06/2023
01/06/2023
02/05/2023

Dear Ronald N. Jackson,
Introduction:
The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a complete set of all previously submitted projections using MAE of $10 \%$ of future claims.

## Objection 2

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please include all formulas in Attachment 2.

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please describe more completely the premiums assumed in each of Attachments 3a, 3b and 3c.

## Objection 4

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please include the cost-sharing component of the Blended If-Knew/Makeup method in Attachment 4 and include all formulas.

## Objection 5

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please show the calculations that produce the If-Knew and Makeup percentages in Attachment 4.

## Objection 6

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a projection on the same basis as Attachment 8 (Original assumptions and original premiums from inception), but for the same subset of policies used in Exhibits la and Ila.

## Objection 7

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide the active life reserve balance as of the projection date on a nationwide basis for the subset of policies covered by this filing (High BIO, Lifetime, No Couples discount).

## Objection 8

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Does Additional Exhibit XIII include information about this round of targeted increases? If not, please add

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

information pertaining to the current rate action.

## Conclusion:

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Objection Letter

Objection Letter Status
Objection Letter Date
Submitted Date
Respond By Date

Info has been requested from company
11/10/2022
11/10/2022
12/10/2022

Dear Ronald N. Jackson,

## Introduction:

The Bureau has the following concerns and/or needs additional information to continue its review.
Please note, any revisions, modifications, or changes of any type to this filing must be clearly identified and explained in detail. For clarity, multiple changes should be summarized in a cover letter, etc.

## Objection 1

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please clarify if the term, "High BIO" applies to a policy with a Benefit Increase Option of $3 \%$ or $5 \%$. Please confirm all BIO percentages that are classified as "High BIO".

## Objection 2

- L\&H Actuarial Memorandum (Supporting Document)

Comments: 1) Please explain why policies that are subject to a "revised couples discount" are excluded from the premium/claim experience for policy form 7052 VA.
2) In addition to the policy count, please provide the total annual premium and historical claims paid for policies not subject to "revised couples discount" and the counts for those that are subject to "revised couples discount".

## Objection 3

- L\&H Actuarial Memorandum (Supporting Document)

Comments: We note that the Actuarial Memorandum and many of the exhibits are labeled Confidential.
As noted in the SERFF filing instructions, information filed with the Life and Health Insurance Forms and Rates Section is publicly available upon submission.

Questions should be directed to Bob Grissom at bob.grissom@scc.virginia.gov.

## Objection 4

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)
- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)
- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)
- Considerations Related To Your Benefits, 165224CRBFlex VA 10/01/22 (Form)
- Coverage Options, 165226Flex VA 10/01/22 (Form)

Comments: Please provide redline versions of the previously approved forms under SERFF \# GEFA-132661692 for comparison to the forms filed under the Form Schedule.

## Objection 5

| State: | Virginia | Filing Company: Genworth Life Insurance Company |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |
|  |  |  |
| - L\&H Actuarial Memorandum (Supporting Document) |  |  |
| Comments: Please provide all projections required to compute the "Prospective PV" and the "If Knew/Makeup Blend" allowable |  |  |
| increases as currently under consideration by the NAIC. |  |  |

## Objection 6

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: Please explain what the company means when it states on the "Proposed Rate Schedule", "0\% Increase to Current-Year Premiums".

## Objection 7

- L\&H Actuarial Memorandum (Supporting Document)

Comments: 1) Pursuant to 14VAC5-200-77 B. 3. a. please provide a description of the basis, that will withstand actuarial peer review, on which the $1 \%$ BIO rates were determined.
2) Pursuant to 14VAC5-200-77 B. 3. i. please provide a complete description of pricing assumptions upon which the $1 \%$ BIO rates were determined.

## Objection 8

- L\&H Actuarial Memorandum (Supporting Document)

Comments: To assist the Bureau in its review, for each of the subsets of the business split by none/simple/compound inflation protection, please provide (in Excel format) the following projections on a nationwide basis:
a. Current assumptions and current rates
b. Current assumptions with the proposed rate increase
c. Current assumptions with premiums restated as if the proposed rate schedule had been in effect from inception
d. Original assumptions and original premiums from inception
e. A projection showing all premiums at the original premium scale from inception (documenting past and future PV of premium for use in the 58/85 Test)

Projections a-e can be separate tabs or combined into separate columns on the same exhibit.

## Objection 9

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Pursuant to 14VAC5-130-60 B. 4. please provide the anticipated loss ratio and a description of how it was calculated for the new $1 \%$ BIO.

## Objection 10

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)
- L\&H Actuarial Memorandum (Supporting Document)

Comments: Explain how the addition of the new 1\% Compound BIO is not discriminatory since this is a closed block of business.

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | ---: | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

VA 38.2-508 states in part:

No person shall:
2. Unfairly discriminate or permit any unfair discrimination between individuals of the same class and of essentially the same hazard (i) in the amount of premium, policy fees, or rates charged for any policy or contract of accident or health insurance, (ii) in the benefits payable under such policy or contract, (iii) in any of the terms or conditions of such policy or contract, or (iv) in any other manner.

## Objection 11

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please explain how the \# of policyholders dropped from 2,830 in the prior SERFF filing (GEFA-132466851) to 56 in this current rate request filing.

## Objection 12

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a comparison of the assumptions associated with the proposed rate increase to the assumptions associated with the most recently approved rate filing. For those assumptions that have changed, please justify the change.

## Objection 13

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please identify the portion of the proposed rate increase that is attributed to each of the following components:
a. Changes in the voluntary lapse assumptions
b. Changes in the mortality assumptions
c. Changes in the expected claim cost assumptions
d. Changes in any other assumptions (e.g., interest rates)

## Objection 14

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please confirm that the assumptions being used in this filing are not any more conservative than used in asset adequacy testing.

## Objection 15

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please state the anticipated lifetime loss ratio anticipated in the initial filing.

## Objection 16

Comments: A 58\% rate increase was approved under GEFA-132466851 on 4/01/2022.

1) Please advise the \% of In-Force policies to which the previous increase was applied.
2) Please justify the filing of this current rate increase in light of the fact that the full effect of the historical experience of the prior increase has not been fully measured.

## Conclusion:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

We shall be glad to continue our review of this submission upon receipt of the requested information or resolution of the issues described above. Upon subsequent review, other concerns may require attention.

Please respond by the "Respond By Date:" above. If an extension is required, you must submit your request prior to that date. An extension may be requested for up to 30 days. Failure to respond will result in the filing being closed.

Once a submission has been closed, a new SERFF submission will be required. To expedite the review, the new submission should reference the SERFF tracking number of the prior submission and verify that all outstanding issues have been addressed. Should you wish to discuss any of the objections or provide additional information related to any of the objections, this should be done prior to making a new SERFF submission.

Sincerely,
Bill Dismore
State:
TOI/Sub-TOI:
Product Name:
Project Name/Number:
Response Letter

Response Letter Status
Response Letter Date
Submitted to State
04/30/2024
Submitted Date
Virginia
Filing Company:
Genworth Life Insurance Company

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated April 29, 2024, to Genworth Life Insurance Company's (GLIC's) VA Flex 1 rate increase request.

## Response 1

## Comments:

Thank you for noting the discrepancy in the Rate Request Summary document. Please see VA Long Term Care Insurance Rate Request Summary 20240430.pdf for the corrected average annual premium per member following the rate increase.

## Related Objection 1

Applies To:

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: Thank you for updating the RRS. Please confirm that the average annual premium reflects the figure after the rate increase. In looking at the data on the Rate/Rule Schedule, it appears to be the current average premium.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson
State:
TOI/Sub-TOI:
Product Name:
Project Name/Number:
ReSpOnSe Letter

Response Letter Status
Response Letter Date
Virginia
LTC03I Individual Long Term Care/LTC03I.001 Qualified 2022 Flex 1 Rate Request
2022 Flex 1 Rate Request/2022 Flex 1 Rate Request

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated April 24, 2024, to Genworth Life Insurance Company's (GLIC's) VA Flex 1 rate increase request.

## Response 1

## Comments:

1) The information on the General Information tab has been updated.

## Related Objection 1

Comments: Re: Filing Description on the General Information Tab - Using a post submission update, please update paragraph 3 to reflect the revised increase request.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 2

## Comments:

2) GLIC apologizes for the oversight, the average annual premium per member has been updated and the range of requested rate changes has been revised.

Please see VA Long Term Care Insurance Rate Request Summary Revised.pdf for the revised document.

## Related Objection 2

Applies To:

- Long Term Care Insurance Rate Request Summary (Supporting Document)

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

Comments: 1) Please confirm the average annual premium per member.
2) Please revise the range of requested rate changes to be $0 \%-60.4 \%$.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Long Term Care Insurance Rate Request Summary |
| Comments: | VA Long Term Care Insurance Rate Request Summary Revised.pdf |
| Attachment(s): | Long Term Care Insurance Rate Request Summary |
| Previous Version | VA Long Term Care Insurance Rate Request Summary 20221021.pdf |
| Satisfied - Item: | Long Term Care Insurance Rate Request Summary |
| Comments: | VA Long Term Care Insurance Flex 1 Rate Request Summary 2024.01.29.pdf |
| Attachment(s): | Long Term Care Insurance Rate Request Summary |
| Previous Version | VA Long Term Care Insurance Rate Request Summary 2023.03.24.pdf |
| Satisfied - Item: | Long Term Care Insurance Rate Request Summary |
| Attachment(s): | VA Long Term Care Insurance Rate Request Summary 20221021.pdf |
| Previous Version | Satisfied - Item: |
| Comments: |  |


| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Response 3

Comments:
3) Please see the below files for the revised memo with all applicable form numbers listed on page 1.

VA Flex 1 Confidential Memo Revised.pdf

## Related Objection 3

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Page 1 - please include all applicable form numbers in the heading.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-13 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia <br> LTC03I Individual Long Term Care/LTC03I.001 Qualified <br> 2022 Flex 1 Rate Request <br> 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: |  |  |  |  |  |  |
| Product Name: |  |  |  |  |  |  |
| Project Name/Number: |  |  |  |  |  |  |
| Satisfied - Item: |  | L\&H Actuarial Memorandum |  |  |  |  |
| Comments: |  |  |  |  |  |  |
| Attachment(s): |  | VA Flex 1 Confidential VA Flex 1 Memo Exhib VA Flex 1 Additional VA Flex 1 Additional | emo 2022 2022102 ibits 2022 ibits 2022 |  |  |  |

## Response 4

## Comments:

4) The comma was placed in error and has been removed. A revised version of 165224Flex VA 10/01/22
has been placed on the Form Schedule tab.

## Related Objection 4

Applies To:

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)

Comments: We note that the company inserted a new comma in the enclosure form number "134613VA,06/29/16". Please confirm if there is a comma in the form number - it does not show up in the sample attached in the John Doe letter.

## Changed Items:

| State: | Virginia |  |  | Filing Company: Genw |  | orth Life Insurance Company |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Form Schedule Item Changes |  |  |  |  |  |  |  |  |
| Item <br> No. | Form Name | Form <br> Number | Form <br> Type | Form <br> Action | Action Specific Data | Readability Score | Attachments | Submitted |
| 1 Im | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & \text { 042524.pdf } \end{aligned}$ | Date Submitted: 04/26/2024 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & \text { 032824.pdf } \end{aligned}$ | Date Submitted: 04/04/2024 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initia/ |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & 061223 . p d f \end{aligned}$ | Date Submitted: 06/13/2023 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122.pdf } \end{aligned}$ | Date Submitted: <br> 11/04/2022 <br> By: Ronald <br> Jackson |

No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 5

## Comments:

5.1) The Optional Limited Benefit and Contingent Benefit Upon Lapse Endorsements have been attached to the Supporting Documentation tab as requested. The Optional Limited Benefit Endorsement (Form \#: 158271 10/17/13) was approved on May 8, 2014, under SERFF Filing Number: GEFA-129292365
The Contingent Benefit Upon Lapse Endorsement (Form \#: 134613VA 06/29/16) was approved on
December 22, 2016, under SERFF Filing Number: GEFA-129136848.
5.2) The Coverage Amendment Rider (Form \#: 165935 VA 11/17/16) was approved on March 31, 2022, and will be used to amend/confirm changes to the policyholders coverage. The SERFF Tracking Number for this approval is GEFA-131296443. A copy of this rider has also been placed on the Supporting
Documentation tab of this filing.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Indivi | g Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Numb | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

## Related Objection 5

Applies To:

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)

Comments: 1) Please attach copies of the Optional Limited Benefit and Contingent Benefit Upon Lapse endorsements under supporting documentation and provide the SERFF filing number where these forms were approved.
2) Please also attach copies of any other documents which will be used to amend a policyholder's coverage and include the SERFF filing numbers where the forms were approved.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

## Satisfied - Item:

Sample Schedule and Forms
Comments:
Schedule Form 7052 VA.pdf
Attachment(s):
134613VA 062916 Contingent Benefit Upon Lapse.pdf
158271_101713 Optional Limited Benefit.pdf
165935 VA 111716 Coverage Amendment Rider.pdf

## Response 6

## Comments:

6) As the response to this item includes a Table that cannot be formatted in SERFF,

Genworth asks the Department to review the attached response letter.

## Related Objection 6

Applies To:

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)


Comments: RE: Reducing Coverage Percentage

1) Please explain how a policyholder's premium rate for the reduced coverage percentage option be determined and provide examples. We note that this option was not listed in Section 6 of the Actuarial Memorandum.
2) The Reducing Coverage Percentage section is not marked as variable. Please confirm if all policyholders will be eligible for this option.
3) This section states the policyholder choosing this alternative will receive a new policy schedule. Please provide the SERFF filing number where the new schedule form was approved and attach a copy of the schedule in supporting documentation.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter (4/26/24) |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 17 Response 2024.04.26.pdf |

## Response 7

## Comments:

7.1) The Please Note statement has been updated to reflect Contingent Benefit

Upon Lapse Endorsement. Revised John Doe versions have been attached to the Supporting Documentation tab.
7.2) The increase percentage has been revised on the John Doe NQ letter to reflect the offer of $60.4 \%$ for a policyholder with lifetime/unlimited benefits and a Benefit Increase Option of $1 \%$ or higher.

## Related Objection 7

Applies To:

- Sample Policyholder Notification (Supporting Document)

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Comments: 1) In the John Doe version of 165239Flex VA, in the section "Stop paying premiums and receive a Limited Benefit" the wording refers to the Contingent Benefit Upon Lapse option, but the "Please Note" refers to the Optional Limited Benefit Endorsement. Please resolve this discrepancy.
2) In the John Doe NQ letter, the \% increase does not appear to reflect the increases in this filing. Please revise to reflect how the letter is to be used with this filing.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule |  |
| :--- | :--- |
| Item Changes |  |
| Satisfied - Item: | Sample Policyholder Notification |
| Comments: | Flex John Doe Policyholder Letter rev 042524.pdf <br> Flex John Doe Policyholder No Quote Letter rev 042524.pdf |
| Attachment(s): | Sample Policyholder Notification |
| Previous Version | Flex John Doe Policyholder Letter rev 032824.pdf |
| Satisfied - Item: | Flex John Doe Policyholder No Quote Letter rev 032824.pdf |
| Comments: | Sample Policyholder Notification |
| Attachment(s): | Flex John Doe Policyholder Letter rev 020624.pdf |
| Previous Version | Sample Policyholder Notification |
| Satisfied - Item: | Flex John Doe Policyholder Letter.pdf |
| Comments: | Sample Policyholder Notification |
| Attachment(s): | Frevious Version |
| Satisfied - Item: | Flex VA Policyholder Letter Template.pdf <br> Comments: |
| Attachment(s): |  |
| Previous Version Policyholder No Quote Letter Template.pdf |  |
| Satisfied - Item: |  |


| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC031 Individ | g Term Care/LTC03I | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | est/2022 Flex 1 Rat | quest |  |  |  |

## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Response Letter

Response Letter Status
Submitted to State
Response Letter Date
04/10/2024
Submitted Date
04/10/2024
Dear Greg Smith,

## Introduction:

In response to comments received today:

## Response 1

## Comments:

The policy will be amended for the 1\% BIO option through the Coverage Amendment Rider, form \#165935 11/17/16, which was approved on $3 / 31 / 22$ under SERFF \#GEFA-131296443. The SERFF number will be referenced via the 'View Associated Filing' link. A separate endorsement will not be sent for this election.

## Related Objection 1

Comments: Please explain how the policy will be amended for an insured who selects the new $1 \%$ BIO option. Will they receive an endorsement? If so, please provide the SERFF filing number where the endorsement has been approved.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Conclusion:

If there are any questions you may contact us using the information provided.
Email: ronald.jackson@genworth.com
Phone \#: (804) 289-6725
Sincerely,
Ronald Jackson
State:
TOI/Sub-TOI:
Product Name:
Project Name/Number:
Response Letter

Response Letter Status
Response Letter Date
Submitted to State

Submitted Date
04/04/2024

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 27, 2024, to Genworth Life Insurance Company's (GLIC's) 2022 Flex 1 Rate/Forms filing request.

## Response 1

## Comments:

1.1) With the addition of the CareScout Quality Network language, the no quote cover letter will run over to a $2 n d$ page. A revised 165224 NQFlex VA has been submitted as the enclosures needed to be moved to appear after the CareScout Quality Network language.
1.2) We include the form dates on our generic templates and wanted to keep the VA templates aligned as closely as possible.

## Related Objection 1

Applies To:

- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)

Comments: 1) There appears to be an issue with the formatting of the enclosures line. It is now appearing on page 2.
2) Please explain the change in the form numbers of the enclosures.

## Changed Items:

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: |  | GEFA-133451445 | Company Tracking \#: |  | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life Insurance Company |  |  |  |
| Tolsub-Tol: | LTC031 Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Project Name/Number: | r: 2022 Flex 1 Rate Request2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Form Schedule Item Changes |  |  |  |  |  |  |  |  |
| Item | Form | Form | Form | Form | Action Specific | Readability |  |  |
| No. | Name | Number | Type | Action | Data | Score | Attachments | Submitted |
| $1 \times$ | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFIex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | 165224NQFIex VA 100122 rev 032824.pdf | Date Submitted: <br> 04/04/2024 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| $1 \quad$ | Premium Change Notice Cover Letter | 165224NQFlex VA 10/01/22 | OTH | Initial |  |  | 165224NQFlex VA 100122 rev 020624.pdf | Date Submitted: <br> 02/13/2024 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 Pretter | Premium Change Notice Cover Letter | 165224NQFlex VA 10/01/22 | OTH | Initial |  |  | 165224NQFlex VA 100122 rev 061223.pdf | Date Submitted: 06/13/2023 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| $1 \quad$ | Premium Change Notice Cover Letter | 165224NQFlex VA 10/01/22 | OTH | Initial |  |  | 165224NQFlex VA 100122.pdf | Date Submitted: <br> 11/04/2022 <br> By: Ronald <br> Jackson |

No Rate/Rule Schedule items changed.
No Supporting Documents changed.
Response 2
Comments:

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Numb | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

2) The suggested language has been added to the revised 165226Flex VA.

We also took the opportunity to resubmit 165224Flex VA and 165224CRBFlex VA in order to make a couple modifications:
165224Flex VA Added a comma after the premium mode in the 2nd paragraph and form dates in the enclosures list.
165224CRBFlex VA Added 2nd paragraph on page 1 and removed the words may also from the CareScout Quality Care
Network language, last paraph of section 3.
In addition, the attached amendment letter, cover letter, revised actuarial memorandum, and revised rate request summary are included in reference to Genworths recent response to the comments received March 22, 2024, and responded to on March 28. The responses to the comments were incomplete and have been updated as indicated in the amendment letter.

## Related Objection 2

Applies To:

- Coverage Options, 165226Flex VA 10/01/22 (Form)

Comments: Re: The response to Objection 3 submitted 2/13/24.
The Bureau continues to have concerns about the inclusion of the partnership checkbox below the chart. Our concerns would be addressed if the company included the final sentence found in the Special Election Option communication:
** By checking this box and signing this form, you acknowledge that the reduction in coverage is below your state benefit minimum for Partnership; and therefore, your policy will no longer be Partnership qualified and you will lose the associated asset protection. Options that we believe will result in loss of Partnership Status are indicated with a doubleasterisks (**).

## Changed Items:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |


| Form | tem Changes |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item <br> No. | Form <br> Name | Form Number | Form Type | Form Action | Action Specific Data | Readability <br> Score | Attachments | Submitted |
| 1 | Considerations Related To Your Benefits | $\begin{aligned} & \text { 165224CRBFlex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | 165224CRBFlex <br> VA 100122 rev 032824.pdf | Date Submitted: <br> 04/04/2024 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Considerations Related To Your Benefits | 165224CRBFlex <br> VA 10/01/22 | OTH | Initial |  |  | 165224CRBFlex VA 100122 rev 020624.pdf | Date Submitted: 02/13/2024 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Considerations Related To Your Benefits | 165224CRBFlex VA 10/01/22 | OTH | Initial |  |  | 165224CRBFlex VA 100122.pdf | Date Submitted: <br> 11/04/2022 <br> By: Ronald <br> Jackson |
| 2 | Coverage Options | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 100122 rev } \\ & \text { 032824.pdf } \end{aligned}$ | $\begin{aligned} & \text { Date Submitted: } \\ & \text { 04/04/20244 } \\ & \text { By: Ronald } \\ & \text { Jackson } \end{aligned}$ |
| Previous Version |  |  |  |  |  |  |  |  |
| 2 | Coverage Options | $\begin{aligned} & \text { 165226Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 100122 rev } \\ & \text { 061223.pdf } \end{aligned}$ | Date Submitted: 06/13/2023 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 2 | Coverage Options | $\begin{aligned} & \text { 165226Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165226F/ex VA } \\ & \text { 100122.pdf } \end{aligned}$ | Date Submitted: 11/04/2022 By: Ronald Jackson |
| 3 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224FIex VA } \\ & \text { 100122 rev } \\ & \text { 032824.pdf } \end{aligned}$ | Date Submitted: <br> 04/04/2024 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 3 | Important Change Cover Letter | $\begin{aligned} & \text { 165224F/ex VA } \\ & 10101 / 22 \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & \text { 061223.pdf } \end{aligned}$ | Date Submitted: 06/13/2023 By: Ronald Jackson |

[^0]| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: |  | GEFA-133451445 | Company Tracking \#: |  | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: Gen |  | y: Genworth Life Insurance Company |  |  |
| TOISUb-TOI: | LTC031 Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Project Name/Number | : 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Form Schedule Item Changes |  |  |  |  |  |  |  |  |
| Item | Form | Form | Form | Form | Action Specific | Readability |  |  |
| No. | Name | Number | Type | Action | Data | Score | Attachments | Submitted |
| 1 B | Considerations Related To Your Benefits | $\begin{aligned} & \text { 165224CRBFlex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | 165224CRBFlex <br> VA 100122 rev <br> 032824.pdf | Date Submitted: <br> 04/04/2024 <br> By: Ronald <br> Jackson |
| 3 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122.pdf } \end{aligned}$ | Date Submitted: 11/04/2022 By: Ronald Jackson |

No Rate/Rule Schedule items changed.

| Supporting Document Schedule |  |
| :--- | :--- |
| Item Changes |  |
| Satisfied - Item: | Cover Letter |
| Comments: | VA Flex 1 Cover Letter 20240404.pdf |
| Attachment(s): | Cover Letter |
| Previous Version | VA Flex 1 Cover Letter 20221021.pdf |
| Satisfied - Item: | VA Flex 1 Cover Letter 20230217.pdf |
| Comments: | Cover Letter |
| Attachment(s): | VA Flex 1 Cover Letter 20221021.pdf |
| Previous Version |  |
| Satisfied - Item: |  |
| Comments: |  |
| Attachment(s): |  |






| Satisfied - Item: | Amendment Letter (4/4/24) |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Amendment Letter 20240404.pdf |




[^1]



[^2]



[^3]


## Conclusion:

If there are any questions you may contact us using the information provided.
Email: ronald.jackson@genworth.com
Phone \#: (804) 289-6725
Sincerely,
Ronald Jackson


## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 22, 2024, to Genworth Life Insurance Company's (GLIC's) Flex 1 Virginia rate increase request.

## Response 1

## Comments:

1.1) GLIC acknowledges the Departments decision to limit the approval to less than what was requested and to approve the rate increases in the table as shown in the attached letter and have updated the rate tables accordingly. However, GLIC believes the experience justifies a larger increase, as detailed in our original request. GLIC will continue to monitor the experience on this block of business and anticipates filing subsequent rate increases in the future, as justified by our experience.

Please see VA Flex I (CO) Rate Tables_Proposed.pdf and VA Flex I (LD) Rate Tables_Proposed.pdf for the updated rate tables.
1.2) GLIC confirms with the Bureau that based on recent conversations, these offers will not be phased.

## Related Objection 1

Applies To:

- Cover Letter (Supporting Document)
- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)
- L\&H Actuarial Memorandum (Supporting Document)
- Long Term Care Insurance Rate Request Summary (Supporting Document)

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Comments: 1)In accordance with discussions with the Bureau, please update the filing, including Rate Tables and Rate/Rule Schedule information, Actuarial Memorandum and projections, Rate/Request Summary and Cover Letter, and General Information tab as appropriate to support the following increases:

Limited High Bio with the revised couples discount: 26.7\%
Limited High Bio without the revised couples discount: 20.2\%
Lifetime High Bio without the revised couples discount: $60.4 \%$
2)The Bureau is requesting Genworth consider phasing the increases over a 2- or 3-year period without actuarial adjustment for time value of money.

## Changed Items:

No Form Schedule items changed.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia | Filing Company: |  | Genworth Life Insurance Company |  |  |
| Tolsub-Tol: | LTC031 Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request2022 Flex 1 Rate Request |  |  |  |  |  |
| Rate/Rule Schedule Item Changes |  |  |  |  |  |  |
| Item <br> No. | Document Name | Affected Form Numbers (Separated with commas) | Rate Action | Rate Action Information | Attachments | Date Submitted |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: <br> GEFA-132466851 <br> Percent Rate Change Request: <br> 22.7 | Flex 1 CO Rate Tables Proposed.pdf, Flex 1 LD Rate Tables_Proposed.pdf, | 03/28/2024 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Rate Tables.pdf, VA Flex 1 LD Rate Tables.pdf, | 03/23/2023 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR- | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Proposed Rate Schedule 20221021.pdf, | 03/23/2023 <br> By: Ronald Jackson |

[^4]

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter (3/28/24) |
| :--- | :--- |
| Comments: | VA Flex 1 Objection 14 Response 2024.03.28.pdf |
| Attachment(s): |  |

## Response 2

Comments:

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

2.1) Please see the Supporting Documentation tab for the current rates with the proposed rates under the Rate/Rule

Schedule tab as requested.
2.2) We have updated the headers of the rate tables to indicate which couples discount applies for joint policies.

Please see VA Flex 1 (CO) Rate Tables_Proposed.pdf and VA Flex 1 (LD) Rate Tables_Proposed.pdf.
2.3) The rates for the revised couples discount was filed under GEFA-128311783, filed on 5/12/2012 and approved by the Department on 12/20/2012. Policies under the revised discounts were first issued on 7/11/2013.

In GEFA-132466851, GLIC evaluated the need for rate increases between CO and LD joint policies separately, and those LD policies did not justify a rate increase at that time. Additionally, that memorandum incorrectly stated that the revised discount structure had not been approved in your state, but the rate increases from that filing were only applied to the policies not subject to the revised couples discount.

## Related Objection 2

Applies To:

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VAJ (Rate)

Comments: 1.Please move the current rates to Supporting Documentation and only include the proposed rates under the Rate/Rule Schedule.
2.Please clearly indicate on the rate sheets which couples discount applies.
3.This filing includes rates for policyholders with and without the revised couples discount. The prior filing, GEFA-132466851, included only rates for form 7052 VA policyholders without the revised couples discount.

Please provide the SERFF filing number where the current rates for policies with the revised couples discount were approved. Is it GEFA-126825490?
There appears to be conflicting information about the revised couples discount between the prior filing and the current filing. The actuarial memorandum in the prior filing included the following statement when discussing the addendum revising the couples discount: The addendum mentioned above was not approved in your state and no policies were issued with the revised couples discount. It does appear that the revised couples discount was approved in Virginia in GEFA-128311783. Please explain these differences.

## Changed Items:

No Form Schedule items changed.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia | Filing Company: |  | Genworth Life Insurance Company |  |  |
| Tolsub-Tol: | LTC031 Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request2022 Flex 1 Rate Request |  |  |  |  |  |
| Rate/Rule Schedule Item Changes |  |  |  |  |  |  |
| Item <br> No. | Document Name | Affected Form Numbers (Separated with commas) | Rate Action | Rate Action Information | Attachments | Date Submitted |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: <br> GEFA-132466851 <br> Percent Rate Change Request: <br> 22.7 | Flex 1 CO Rate Tables Proposed.pdf, Flex 1 LD Rate Tables_Proposed.pdf, | 03/28/2024 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Rate Tables.pdf, VA Flex 1 LD Rate Tables.pdf, | 03/23/2023 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR- | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Proposed Rate Schedule 20221021.pdf, | 03/23/2023 <br> By: Ronald Jackson |

[^5]| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-1 | 33451445 | Company Tracking \#: | 2022 FLEX | QUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: <br> TOI/Sub-TOI: <br> Product Name: <br> Project Name/Number: | Virginia <br> LTC03I Individ <br> 2022 Flex 1 R <br> 2022 Flex 1 R | Term Care/LTCO3 uest uest/2022 Flex 1 Ra | 1 Qualified <br> Request | $d$ | Genworth Life | Insurance Company |  |
| Rate/Rule Schedule Item Changes |  |  |  |  |  |  |  |
|  |  | $\begin{aligned} & R P 10 \text { VA, } 74 \\ & \text { GRP VA, } 70 \\ & R B, 7052 R L \\ & 7052 R D R-\Lambda \\ & 7052 R D R-S \\ & R D R-S U R V \\ & 7052 R D R-E \\ & 7052 R D R- \\ & 7052 R D R- \end{aligned}$ | RDR- <br> $R D R$ - <br> -TB, <br> V $V$, <br> 7052 <br> VA, <br> URV VA, <br> 65 VA , <br> 10 VA |  |  |  |  |
| Previous Version |  |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 705 RP10 VA, 705 GRP VA 70 GRP VA, $R B, 7052$ E 7052 END-IN END-IC, 7052 RP10 VA, 705 GRP VA, 705 $R B, 7052 R$ $7 B, 7052$ RD 7052 RDR-RDR-SURV 7052 RDR7052 RDR-L 7052 RDR-L |  | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 95 | VA Flex 1 CO Proposed Rate Schedule 20221021.pdf, | 11/04/2022 <br> By: Ronald Jackson |

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Current Rate Tables |
| :--- | :--- |
| Comments: | Flex 1 CO Rate Tables_Current.pdf |
| Attachment(s): | Flex 1 LD Rate Tables_Current.pdf |
| Previous Version | Current Rate Tables |
| Satisfied - Item: | VA Flex 1 CO Current Rate Schedule 20221021.pdf |
| Comments: |  |
| Attachment(s): |  |

## Conclusion:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson


## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated February 5, 2024, to Genworth Life Insurance Company's (GLIC's) 2022 Flex 1 Rate/Forms filing request.

## Response 1

## Comments:

1) We will be submitting a request to reopen the original Flex policy form filing (GEFA-126825490) in order to submit the amended statement of variability. Therefore, in reference to 14VAC5-101-80 E, the amended SOV is being removed from this filing.

## Related Objection 1

Applies To:

- Variability Statement (1\% BIO) (Supporting Document)

Comments: We note that this filing includes an amended statement of variability. Please confirm if the revised SOV has previously been submitted to the Bureau for review and provide the SERFF filing number. If the revised SOV has not previously been reviewed by the Bureau, please note that 14VAC5-101-80 E states that requests for revisions to an SOV must be made in the original filing.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Response 2

## Comments:

2.1) The form number is included as an enclosure in the 165224Flex VA without variability because the 165224Flex VA cover letter is only used for letters with quotes. The $165224 N Q F l e x$ VA is the cover letter used for letters without quotes.
2.2) The variability explanation was included there in error. It has been removed from the revised SOVs.
2.3) The company website is marked as variable on the revised 165224CRBFlex VA.

## Related Objection 2

Applies To:

- Considerations Related To Your Benefits, 165224CRBFlex VA 10/01/22 (Form)

Comments: 1) The first bullet on the SOV states: "This form only prints when quotes are provided." We note that the form number is included in the letter as a nonvariable enclosure. If the attachment may, or may not, be included it should be marked as variable in the letter and defined in the SOV.
2) The 6th bullet item beginning "If the policyholder currently has ...." ends with an explanation of the variability for [monthly]. Please clarify which item in the letter this applies to.
3) Section 2 - Online Tools Available - We note that the company website in this paragraph is not marked as variable. Please confirm if the company would like to mark the website as variable.

## Changed Items:



No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 3

## Comments:

3.1) The form number is included as an enclosure in the 165224Flex VA without variability because the 165224Flex VA cover letter is only used for letters with quotes. The 165224 NQFlex VA is the cover letter used for letters without quotes.
3.2) The variable range for the monthly benefit maximums has been added to the revised SOVs.
3.3) The checkbox item will only print when a benefit reduction option that is known to be below partnership minimum is quoted in the chart. GLIC is not advising the policyholder to, or not to select that option. GLIC wants to ensure that the policyholder understands that the option will violate partnership and they will lose their status. This checkbox item was previously approved on form \#165226FBO VA 02/01/22, filed on the 2020 Choice 2/2.1 Form/Rate Filing, GEFA-132466778 approved 8/1/22.

Please note we have taken this opportunity to add language regarding the new CareScout Quality Network to the 165224CRBFlex VA for letters with quotes, and the 165224NQFlex VA for letters without quotes.

## Related Objection 3

Applies To:

- Variability Statement (Supporting Document)
- Coverage Options, 165226Flex VA 10/01/22 (Form)

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

Comments: 1) The first bullet on the SOV states: "This Coverage Options page will be included in premium increase notices where quoted options are available for benefit reduction." We note that the form number is included in the letter as a non-variable enclosure. If the attachment may, or may not, be included it should be marked as variable in the letter and defined in the SOV.
2) Section 2, Change your policy's benefits to lower your premium. For the maximum benefit, in the SOV please also include the variable ranges for the monthly benefit maximums.
3) The checkbox item underneath the chart concerning partnership policies is not required by Virginia regulations and is not an acceptable requirement for completion of the insured's benefit change request. 14VAC5-200-75 D.2.c. requires the inclusion of a disclosure that some benefit reduction options may result in a loss in partnership status that may reduce policyholder protections. This notification is included in form 165224CRBFlex VA 10/01/22 and 165239Flex VA 10/01/22.

The wording in the checkbox item says the reduction in coverage "is" below the state minimum and appears to be giving legal advice. Please revise the form to remove the checkbox item.

## Changed Items:

| Form Schedule Item Changes |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item No. | Form <br> Name | Form Number | Form Type | Form Action | Action Specific Data | Readability <br> Score | Attachments | Submitted |
| 1 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFlex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | 165224NQFlex VA 100122 rev 020624.pdf | Date Submitted: <br> 02/13/2024 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFlex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165224NQFlex } \\ & \text { VA 100122 rev } \\ & \text { O61223.pdf } \end{aligned}$ | Date Submitted: 06/13/2023 By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFIex } \\ & \text { VA 10101/22 } \end{aligned}$ | OTH | Initial |  |  | 165224NQFlex VA 100122.pdf | Date Submitted: <br> 11/04/2022 <br> By: Ronald <br> Jackson |

No Rate/Rule Schedule items changed.




[^6]

## Conclusion:

If there are any questions you may contact us using the information provided.
Email: ronald.jackson@genworth.com
Phone \#: (804) 289-6725
Sincerely,
Ronald Jackson
State:
TOI/Sub-TOI:
Product Name:
Project Name/Number:
RespOnSe Letter
Response Letter Status
Virginia
LTC03I Individual Long Term Care/LTC03I.001 Qualified

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated January 16, 2024, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

The SERFF numbers have been updated to $87.4 \%$ to be consistent with the Rate/Rule Schedule.
See the attached pdf for the revised RRS document titled VA Long Term Care Insurance Flex 1 Rate Request Summary 2024.01.29.

## Related Objection 1

Applies To:

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: Please update the requested \% rate change to be consistent with the Rate/Rule Schedule.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Conclusion:

Regards,

Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

|  | SERFF Tracking \#: G | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
|  | TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC031 | Qualified |  |  |  |
|  | Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
|  | Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Rat | equest |  |  |  |
|  | Response Letter |  |  |  |  |  |  |
|  | Response Letter Status |  | Submitted to State |  |  |  |  |
|  | Response Letter Date |  | 06/15/2023 |  |  |  |  |
|  | Submitted Date |  | 06/15/2023 |  |  |  |  |

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letters, dated May 16, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) Please see Attachment 1 of the workbook VA Flex 1 Objection 11 Attachments for a more detailed breakdown of the previously provided Attachment 6. Attachments 2-4 represent the projected cashflows that are used for the formulas in Attachment 1. The formulas within Attachment 1 connect directly to the corresponding attachments to show the source of the calculations. Please note that the difference in the incurred claims piece was due to the application of MAE used in each filing. The cash flows in Attachments 2-4 do not include MAE, which results in MAE being applied topside in Attachment 1.

## Related Objection 1

Applies To:

- Experience Exhibits, 58/85 Test, Filing Status, et. al. (Supporting Document)

Comments: The Inc in Incurred Claims value in Attachment 6 (PPV Calculations) does not equal the difference in the two items above. Please check all calculations and include the formulas in this exhibit so that it is easier to validate.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule | Item Changes |
| :--- | :--- |
| Satisfied - Item: | Experience and Blended "If-Knew" Exhibits |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 11 Attachments.pdf |

## Response 2



## Comments:

2) Attachments 5-7 in the workbook VA Ch 2_2.1 A_nA RS Objection 5 Attachments which show the Minnesota Method as described in pages 23-24 of the LTCI MSA Framework. Attachment 5 shows each step of the calculation and the formulas included connect to the projections shown in Attachments 6 and 7 . Attachment 6 shows nationwide historical and projected data with no rate increases, while Attachment 7 includes Virginia Approved rate increases.

There are notable differences for the Blended If-Knew method between GLIC and the LTCI MSA Framework, both in calculations and modeling nuances. We believe that recognizing those differences is important as they have the potential to lead to big differences in the final justified rate increase that is calculated.
1.The LTCI MSA Frameworks calculation for the If-Knew increase assumes the claims do not change after the application of the rate increase. The Companys model assumes the claims will change following a rate increase due to Waiver of Premium (WOP). The treatment of the WOP is the same for the Make-Up portion of the LTCI MSA Framework and ultimately leads to a difference in the justified amount.
2.The make-up rate increase calculated in the LTCI MSA Framework assumes that the rate increase will be implemented on the first day of the projected years, which is 1/1/2022 for this filing. The Companys calculation uses an implementation date in 2023, which increases the justified rate increase.
3.GLIC does not believe that the Cost-Sharing portion of the Blended If-Knew is appropriate, especially on newer blocks of rate stability products. The inclusion of the If-Knew already incorporates a level of cost sharing and adding another factor to limit the justified increase further limits the company compared to what rate stability regulations support. However, GLIC has included the cost-sharing in our calculation. It should be noted that when the cost sharing is applied is different between the two calculations and this also causes a disconnect and difference.

Overall, due to the reasons listed above, GLICs results for the previously provided methodology of the Blended If-Knew vary from the values resulting from the LTCI MSA Framework calculations.

Please note that in review, GLIC is providing a correction to the prior submitted blended if-knew exhibit submitted in Attachment 10 of Objection 9. The previous calculation provided the if-knew rate increase amount that was limited by the dual loss ratio test. Additionally, the make-up increase was the current request amount, which is not based on best estimate assumptions $+10 \%$ MAE. Because of those two updates, we request that the Department disregard the previously provided Blended If-Knew calculations that were provided as part of Objection 9 .

Attachments 8 -10 show a recalculation of the blended if-knew methodology consistent with best estimate assumptions $+10 \%$ MAE along with resolved rate increase amounts. Attachment 8 shows the calculation with formulas. The accompanying Attachments 9 \& 10 show exhibits supporting the values cited in the calculations. Attachment 9 shows the If-Knew calculation from inception with the rate increase resulting in the original lifetime loss ratio. Attachment 10 shows the maximum justified rate increase to return to the original lifetime loss ratio. The resulting lifetime loss ratio of each piece of Attachments 9 \& 10 result in a $73.5 \%$ lifetime loss ratio and do not consider a dual loss ratio test as it acts as an additional limitation and is not considered within the LTCI MSA Framework calculation.

## Related Objection 2

Applies To:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

- Experience Exhibits, 58/85 Test, Filing Status, et. al. (Supporting Document)

Comments: No supporting projections or calculations were provided for the If-Knew/Makeup Blend (Minnesota) Method in Attachment 10.

Please provide all of the data and show the formulas for this calculation.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

## Satisfied - Item:

Experience and Blended "If-Knew" Exhibits
Comments:
Attachment(s):
VA Flex 1 Objection 11 Attachments.pdf
VA Flex 1 Objection 11 Attachments.xlsx

## Conclusion:

Regards,

Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

|  | SERFF Tracking \#: G | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
|  | TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC031 | Qualified |  |  |  |
|  | Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
|  | Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Rat | equest |  |  |  |
|  | Response Letter |  |  |  |  |  |  |
|  | Response Letter Status |  |  | Submitted to State |  |  |  |
|  | Response Letter Date |  |  | 06/13/2023 |  |  |  |
|  | Submitted Date 0 |  |  | 06/13/2023 |  |  |  |

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated May 9, 2023, to Genworth Life Insurance Company's (GLIC's) 2022 Flex 1 Rate/Forms filing request.

## Response 1

Comments:

1) Genworth thanks the Department for bringing this oversight to our attention. Please see the revised Certification of Compliance submitted under the Supporting Documentation tab.

## Related Objection 1

Applies To:

- Certification of Compliance/Readability (Supporting Document)

Comments: Please explain why the Flesch Reading Score is marked "N/A".

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Certification of Compliance/Readability |
| Comments: | VA Certification of Compliance_Readability 2022 Flex Filing.pdf |
| Attachment(s): | Certification of Compliance/Readability |
| Previous Version | In the opinion of Genworth, a Flesch Score for these ancillary forms is not required. While the forms are written in simplified <br> language and are of at leasta 10-point type, they are not a part of the policy form. |
| Satisfied - Item: | VA Flex 1 Certification of Compliance_14VAC5-101-110.pdf |
| Comments: |  |
| Attachment(s): |  |


| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life Insurance Company |  |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |

## Response 2

Comments:
2) Please see the Flex John Doe Policyholder Letter submitted under the Supporting Documentation tab.

## Related Objection 2

Applies To:

- Sample Policyholder Notification (Supporting Document)

Comments: All Sample Policyholder Notifications should be in a "John/Jane Doe" format with completed fields showing Company and John Doe addresses, phone numbers, hours and other pertinent information just as if "John/Jane Doe" were an actual policyholder.

Please remove any variable bracket and text that does not apply in the sample John/Jane Doe letter.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule | Item Changes |
| :--- | :--- |
| Satisfied - Item: | Sample Policyholder Notification |
| Comments: |  |
| Attachment(s): | Flex John Doe Policyholder Letter.pdf |
| Previous Version | Sample Policyholder Notification |
| Satisfied - Item: | Flex VA Policyholder Letter Template.pdf <br> Flex VA Policyholder No Quote Letter Template.pdf |
| Attachment(s): | Fommen |

## Response 3

## Comments:

3) The Mmmm is designed to indicate the full month name.

## Related Objection 3

Applies To:

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)



## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 4

## Comments:

4) Forms 165224 Flex VA and 165224 NQFlex VA have been updated to include the premium mode.

In addition, form 165226Flex VA was updated to modify the Elimination Period row in the chart to include both facility and home care.

## Related Objection 4

Applies To:

- Important Change Cover Letter, 165224Flex VA 10/01/22 (Form)
- Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form)

Comments: Page 1, 2nd paragraph, please clarify the modality of the current and new premium (i.e., monthly or annual, etc.).

## Changed Items:

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: |  | GEFA-133451445 | Company Tracking \#: |  | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | VirginiaLTCO3I Indivi |  |  | Filing Company: | Genworth Life Insurance Company |  |  |  |
| tolsub-Tol: |  | LTC031 Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Project Name/Number | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |  |  |
| Form Schedule Item Changes |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Action Specific | Readability |  |  |
| No. | Name | Number | Type | Action | Data | Score | Attachments | Submitted |
| 1 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & \text { 061223.pdf } \end{aligned}$ | Date Submitted: <br> 06/13/2023 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 1 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ |  | Initial |  |  | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122.pdf } \end{aligned}$ | Date Submitted: 11/04/2022 By: Ronald Jackson |
| 2 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFlex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | 165224NQFlex <br> VA 100122 rev <br> 061223.pdf | Date Submitted: <br> 06/13/2023 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 2 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQFlex } \\ & \text { VA 10101/22 } \end{aligned}$ | OTH | Initial |  |  | 165224NQFlex VA 100122.pdf | Date Submitted: <br> 11/04/2022 <br> By: Ronald <br> Jackson |
| 3 | Coverage Options | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 100122 rev } \\ & \text { 061223.pdf } \end{aligned}$ | Date Submitted: <br> 06/13/2023 <br> By: Ronald <br> Jackson |
| Previous Version |  |  |  |  |  |  |  |  |
| 3 | Coverage Options | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165226Flex VA } \\ & \text { 100122.pdf } \end{aligned}$ | Date Submitted: 11/04/2022 By: Ronald Jackson |

No Rate/Rule Schedule items changed.

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Redline copies of change |
| :---: | :---: |
| Comments: |  |
| Attachment(s): | 165224CRBFlex VA 100122 redline.pdf 165239Flex VA 100122 redline.pdf 165224Flex VA 100122 redline rev 061223.pdf 165224NQFlex VA 100122 redline rev 061223.pdf 165226Flex VA 100122 redline rev 061223.pdf |
| Previous Version |  |
| Satisfied - Item: | Redline copies of change |
| Comments: |  |
| Attachment(s): | 165224CRBFlex VA 100122 redline.pdf 165224Flex VA 100122 redline.pdf 165224NQFlex VA 100122 redline.pdf 165226Flex VA 100122 redline.pdf 165239Flex VA 100122 redline.pdf |

## Response 5

## Comments:

5) The plans we are referring to are in the prior sentence that states Please be aware that, as of [MM/YYYY], we planned to request at least [999\%] in additional rate increases on your policy and policies like yours issued in Virginia. For further clarification, please see the revised Statement of Variability (SOV VA Flex Policyholder Notification June 2023) submitted under the Supporting Documentation tab. Per our discussion on 6/8/23, a redline version (SOV VA Flex Policyholder Notification June 2023 redline) that compares the current Statement of Variability to the version that was approved 4/1/22 on form filing GEFA-132661692 has been submitted under the Supporting Documentation tab as well.

## Related Objection 5

Applies To:

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)

Comments: Page 2, 3rd paragraph under "Policy is Guaranteed Renewable and subject to future premium increases

The second sentence states, "The actual increases we seek may be higher or more numerous than the plans described above.

Please clarify and explain what is meant by ". . . the plans described above." We were unable to find any description of "the plans".

## Changed Items:



## Response 6

## Comments:

6) Due to recent litigation, we are required to include company ratings information. In addition, we feel that information regarding our history and strength is appropriate for transparency.

## Related Objection 6

Applies To:

- Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form)

Comments: Please explain the purpose of the last section, "About Genworth Life Insurance Company (Genworth) and how it relates to "Important Information Regarding This Premium Increase."

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 7

Comments:

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Numb | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

7) Please see the revised Statement of Variability (SOV VA Flex Policyholder Notification June 2023) submitted under the Supporting Documentation tab. Per our discussion on 6/8/23, a redline version (SOV VA Flex Policyholder Notification June 2023 redline) that compares the current Statement of Variability to the version that was approved 4/1/22 on form filing GEFA-132661692 has been submitted under the Supporting Documentation tab as well.

## Related Objection 7

Applies To:

- Variability Statement (Supporting Document)

Comments: Please review 14VAC5-101-80 for compliance.

The current Statement of Variability (SOV) is not clear nor easy to follow. Please revise each SOV for compliance and in particular with 14VAC5-101-80 D.

The SOV must list each variable bracketed text in the same order that it appears on the form and separately and completely explain in detail how it should be used.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule |  |
| :--- | :--- |
| Item Changes |  |
| Satisfied - Item: | Variability Statement |
| Comments: | SOV.VA_Flex Policyholder Notification_June 2023.pdf |
| Attachment(s): | SOV.VA_Flex Policyholder Notification_June 2023 redline.pdf |
| Previous Version | Variability Statement |
| Satisfied - Item: | SOV.VA_Flex Policyholder Notification_October 2022.pdf |
| Comments: |  |
| Attachment(s): |  |

## Conclusion:

If there are any questions you may contact us using the information provided.

Email: ronald.jackson@genworth.com
Phone \#: (804) 289-6725
Sincerely,
Ronald Jackson


## Dear Greg Smith

## Introduction:

This letter is in response to the comments received in your objection letters, dated April 10, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) Please see the attached document VA Flex 1 Objection 9 Attachments for the requested exhibits.

Attachment 1 includes nationwide experience with the current approved premiums where the incurred claims include a $10 \%$ margin for adverse experience.
Attachment 2 includes nationwide experience with the requested rate increase where the incurred claims include a 10\% MAE.
Attachment 3 includes nationwide experience using all original assumptions for the actual cohort of policies issued.
Attachments 4 and 5 contain the updated dual loss ratio tests with a $10 \%$ MAE and the current requests. The current requests do not pass either test with the $10 \%$ MAE.
oWhile GLIC still believes that the updated margin contained in the exhibits submitted with this rate increase request are appropriate, we have calculated the amounts that would pass both the 58/85 and the Original LLR/85 tests.
Passing 58/85 with 10\% MAE would require the following requests:
Lifetime High BIO Not subject to Couples Discount 96.9\%
Limited High BIO Not subject to Couples Discount 52.7\%
Limited High BIO Subject to Couples Discount $70.0 \%$
Passing 73.5/85 with 10\% MAE would require the following requests:
Lifetime High BIO Not subject to Couples Discount 60.4\%
Limited High BIO Not subject to Couples Discount 20.2\%
Limited High BIO Subject to Couples Discount 26.7\%
Attachment 6 is the updated PPV calculation and Attachments 7-9 contain the supporting projection exhibits for the PPV calculation.
Attachment 10 is the updated Blended If-Knew calculation.

## Related Objection 1

Applies To:

- Response Letter (2/17/23) (Supporting Document)


Comments: 1.As requested in the previous objection (01/06/2023), the Bureau requires that all supporting projections must be updated to use the 10\% MAE and for each of the segments that the Company has expanded the rate increases to apply. Projections include
a.NW projections without the requested rate increase
b. NW projections including the requested rate increase
c.NW projections using all original assumptions for the actual cohort of policies issued
d.Demonstration of compliance with 14VAC5-200-153 G.2., where the original anticipated lifetime loss ratio is calculated in accordance with item c. of this request.
e.All projections and calculations supporting the Prospective Present Value (Texas) Method (including the restatement of the present values under prior assumptions to use 10\% MAE)
f.All projections and calculations supporting the If-Knew/Makeup Blend (Minnesota) Method, including cost-sharing as specified on pages 23-24 of the LTCI MSA Framework Note: previous rate increases must also be backed out of the allowable increase under this method.

Please either supply revised exhibits or identify which exhibits the Company has provided and believes satisfy each of the above.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

Satisfied - Item:
Experience Exhibits, 58/85 Test, Filing Status, et. al.
Comments:
Attachment(s):
VA Flex 1 Objection 9 Attachments.xlsx

## Response 2

## Comments:

2) Please see Attachment SOF CO in the attached document VA Flex 1 Objection 9 Attachments for the requested update of our Status of Filings for policies Not Subject to the Couples Discount.

## Related Objection 2

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC031 Individ | g Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | quest |  |  |  |
| Applies To: |  |  |  |  |  |  |
| - L\&H Actuaria | Memorandum (Supp | ing Document) |  |  |  |  |
| Comments: It | ay be advantageous | the Company to | ate Exhib | th any filing disposit | ns or new filings that | occurred since December 31 |

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Experience Exhibits, 58/85 Test, Filing Status, et. al. |
| :--- | :--- |
| Comments: |  |

## Response 3

## Comments:

3) Please see Attachment SOF LD in the attached document VA Flex 1 Objection 9 Attachments for the requested update of our Status of Filings for policies Subject to the Couples Discount.

## Related Objection 3

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide an exhibit analogous to Exhibit 13 for policies subject to the couples discount.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Experience Exhibits, 58/85 Test, Filing Status, et. al. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 9 Attachments.xlsx |


| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | quest |  |  |  |

## Response 4

## Comments:

4) GLIC apologizes for the confusion on the chart provided in the prior response related to active life reserves. While the numbers were correct, they were applied to the wrong cohorts. Please see the table in the attached letter regarding the active life reserve balances on the filed cohorts on this policy form as of December 31, 2021.

## Related Objection 4

## Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: The active life reserve balance for Limited High BIO subject to revised couples discount is $826,639,619$, which is almost twice the PV of future benefits of $418,710,468$ in Exhibit 34b. At the same time, the ALR balance for Limited High BIO not subject to revised couples discount is 111,056,065, which is only $3.5 \%$ the PV of future benefits of 3,210,949,662 in Exhibit 33c.

Please confirm that these ALR numbers represent the same segment of policies that is included in the cited projections.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter (5/8/23) |
| :--- | :--- |
| Comments: | VA Flex 1 Objection 9 Response 2023.05.09.pdf |
| Attachment(s): |  |

## Response 5

## Comments:

5) Please see Attachment 11 in the attached document VA Flex 1 Objection 9 Attachments for the requested exhibit with the $94.8 \%$ rate increase included.

## Related Objection 5

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please correct Exhibit 36b, which is supposed to contain a $94.8 \%$ rate increase, but which has identical values to Exhibit 34b without increase.

## Changed Items:

No Form Schedule items changed.


No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

Satisfied - Item:
Experience Exhibits, 58/85 Test, Filing Status, et. al.
Comments:
Attachment(s):

## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

| SERFF Tracking \#: G | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC031 Individ | g Term Care/LTC031 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Rat | equest |  |  |  |
| Response Letter |  |  |  |  |  |  |
| Response Letter Status |  |  | itted to Sta |  |  |  |
| Response Letter Date |  |  | /2023 |  |  |  |
| Submitted Date |  |  | 2023 |  |  |  |

## Dear Greg Smith

## Introduction:

This letter is in response to the second set of comments received in your objection letter, dated March 30, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

Comments:
Genworth respectfully asks he Department to review item \# 3 in the attached response letter.

## Related Objection 1

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: In the previous rate filing, GEFA-132466851, the company reported the total number of policyholders as 2,830 . In this filing the number has grown to 3,342 Please explain this discrepancy since this is a closed block of business.

Also, in the company 12/18/2022 objection response, the total policyholder count for Couples with and without the discount is 3,427 instead of the reported 3,342 . Please explain this discrepancy. In our earlier objection letter, it appears from the company's 12/18/2022 response that the count for the Lifetime High BIO with Couples Discount is 0. Please confirm in that response that this is the correct count.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter $(4 / 4 / 23)$ |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 8b Response 2023.04.04.pdf |

## Conclusion:



| State: | Virginia $\quad$ Filing Company: Genworth Life Insurance Company |  |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Response Letter

| Response Letter Status | Submitted to State |
| :--- | :--- |
| Response Letter Date | $04 / 04 / 2023$ |
| Submitted Date | $04 / 04 / 2023$ |

Dear Greg Smith,

## Introduction:

This letter is in response to the first set of comments received in your objection letter, dated March 30, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) In Virginia, there were no policies issued with the Revised Couples Discounts and Lifetime Benefits. Since exhibits have been shown a more granular cohort level, the experience for Lifetime Benefits and Revised Couples Discounts have not been included in this filing. Please note that nationwide only one policy was issued with Lifetime and the Revised Couples Discount.
2) Please note that we have updated Objection 7 to include a response indicating that we updated the SERFF inputs on 3/23/2023.

## Related Objection 1

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: 1) Please provide the number of policyholders with the Couples Discount with the Lifetime High BIO benefit. The company states that no rate increase is requested for this subset. Confirm if the historical, projected and lifetime experience has been included even though no rate increase has been requested.
2) Please note that there is an outstanding objection in SERFF for which the company provided a "post-submission" update. Just respond to the outstanding objection letter of $3 / 23 / 2023$ by stating that a post-submission update was submitted on $3 / 23 / 2023$ in response to the objection.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Conclusion:

Regards,

Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

| State: | Virginia $\quad$ Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Response Letter

Response Letter Status
Response Letter Date
Submitted Date

Submitted to State
03/30/2023
03/30/2023

Dear Greg Smith,

## Introduction:

In reply to comments received March 23:

## Response 1

## Comments:

Genworth provided a Post Submission Update on March 23rd to address these matters. Thank you for the reminder received today.

## Related Objection 1

Applies To:

- Long Term Care Insurance Rate Request Summary (Supporting Document)

Comments: 1) The Average Requested \% Rate Change should be $87.4 \%$ recently revised by Post-Submission Update. Please revise.
2) The Range of Requested Rate Changes should be $0.00 \%$ to $132.00 \%$ as reflected on the Company Rate Information recently revised by Post-Submission Update. Please revise.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.
Conclusion:
If there are any questions you may contact us using the information provided.
Email: ronald.jackson@genworth.com
Phone \#: (804) 289-6725
Sincerely,
Ronald Jackson


## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 13, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) As of 12/31/2021, there are no policies in Virginia for Lifetime High BIO subject to the Revised Couples Discount. Due to this, GLIC has not provided nationwide demographic values or experience. The Lifetime High BIO subject to the Revised Couples Discount can be provided on a nationwide basis if the Bureau still wishes to see the demographics and experience.

## Related Objection 1

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please explain why there are no Flex 1 Addendum Exhibits for Lifetime High BIO subject to the Revised Couples Discount. Even though the company may not be considering a rate increase on this subset, the \# of policies, in-force lives and Average Issue and Attained Age should be provided along with the historical, projected and lifetime experience for both the Nationwide and Virginia blocks.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 2

Comments:
2) The revised rate increases will be updated (via Post Submission Update) in the Rate/Rule Schedule tab along with a revised copy of the Rate Request Summary.

## Related Objection 2

Applies To:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

- Cover Letter (Supporting Document)

Comments: Please provide as a post-submission update the revised Company Rate Information under the Rate/Rule Schedule tab. In addition, please ensure that the Rate Review Summary, Actuarial Memorandum and all other supporting documentation has been updated.

## Changed Items:

No Form Schedule items changed.




## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 13, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) The 17 referenced policy forms, endorsement, and riders listed on page 1 of the actuarial memorandum were all approved under the SERFF Tracking Number, GEFA-126825490, on 12/14/2011. Each of the pieces include an applicable filing document under the referenced SERFF Tracking Number. A list of the 17 forms, endorsements, and riders are listed in the attached letter with the applicable form name.

## Related Objection 1

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: There are 17 policy form, endorsement and riders listed on page 1 of the actuarial memorandum. Page 3 lists a number of benefits and optional riders.
Please provide a description for each of the 17 policy form, endorsement and riders including the SERFF Tr. \# under which each was approved.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response Letter $(3 / 22 / 23)$ |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 5 Response 2023.03.22.pdf |

## Response 2

Comments:

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-13 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life Insurance Company |  |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |
| Project Name/Numb | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |

2) The proposed rate increase is applied to the base rate table, increasing the base rates. However, the rates for the riders were factors applied to the base rates. In the situation where the base rate table increases, the premium associated with the riders would also increase. A 50\% requested rate increase would result in the entire amount a policyholder pays increasing by $50 \%$, which includes premium associated with riders. Within the filing the factor that is applied for each rider is not changing.

## Related Objection 2

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please clarify that the proposed rate increase is only to the base rate and does not apply to the riders. Please clearly list any exceptions.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 3

## Comments:

3) The cash flows provided in Exhibit I do not include MAE, as stated in the header. In the Accumulated and Present Value section at the bottom GLIC provides 4 summary values: Past, Future, Lifetime, and Lifetime with MAE. The first three pertain directly to the above cash flows, without MAE. The Lifetime with MAE section is provided to give a comparative view of the loss ratios based on the current approved premiums when MAE was included.

## Related Objection 3

## Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Exhibit IA states that it represents, "Lifetime High BIO With Virginia Approved Rate Increase* without MAE". Applicable to policies that are not subject to couples discount. Then at the bottom of the exhibit, under "Accumulated and Present Values as of 12 31/2021 "Lifetime with MAE. This statement is confusing due to the statement at the top that states the exhibit is "without MAE.

Please clarify.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC031 Individ | g Term Care/LTC03I | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | est/2022 Flex 1 Rat | quest |  |  |  |

## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson
State:
TOI/Sub-TOI:
Product Name:
Project Name/Number:
ReSpOnSe Letter

Response Letter Status
Response Letter Date

## Virginia

LTC03I Individual Long Term Care/LTC03I. 001 Qualified 2022 Flex 1 Rate Request
2022 Flex 1 Rate Request/2022 Flex 1 Rate Request

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 9, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

1) Please see the attached documents VA Flex 1 CO Rate Tables.pdf and VA Flex 1 LD Rate Tables.pdf, which recorder the proposed premium rate schedule columns as requested.

## Related Objection 1

Applies To:

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: For ease of comparison purposes, please organize the proposed premium rate schedule columns to match those in the previously approved rate increase filing GEFA-1324466851. Move the $1 \%$ BIO column to the far right since this is a new addition.

## Changed Items:

No Form Schedule items changed.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: |  | Filing Company: |  | Genworth Life Insurance Company |  |  |
| TOISUb-TOI: | LTCO3I Individual Long Term Care/LTC031.001 Qualified2022 Flex 1 Rate Request |  |  |  |  |  |
| Product Name: |  |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |
| Rate/Rule Schedule Item Changes |  |  |  |  |  |  |
| Item <br> No. | Document Name | Affected Form Numbers (Separated with commas) | Rate Action | Rate Action Information | Attachments | Date Submitted |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: <br> GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Rate Tables.pdf, VA Flex 1 LD Rate Tables.pdf, | 03/23/2023 <br> By: Ronald Jackson |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDRRP10 VA, 7052 RDRGRP VA, 7052 RDRRB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 87.4 | VA Flex 1 CO Proposed Rate Schedule 20221021.pdf, | $\begin{aligned} & \text { 03/23/2023 } \\ & \text { By: Ronald Jackson } \end{aligned}$ |
| Previous Version |  |  |  |  |  |  |
| 1 | Rate Tables | 7052 VA, 7052 ENDRP10 VA, 7052 ENDGRP VA, 7052 ENDRB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR- | Revised | Previous State Filing Number: GEFA-132466851 Percent Rate Change Request: 95 | VA Flex 1 CO Proposed Rate Schedule 20221021.pdt | 11/04/2022 <br> By: Ronald Jackson |

[^7]

No Supporting Documents changed.

## Response 2

## Comments:

2) As the Bureau is aware, GLIC adjusted the couples discount applicable to Flex policies, which adjustment was approved by the Bureau on $12 / 20 / 2012$ under the SERFF\# GEFA-128311783. Policies with the couples discount issued prior to the change received rates based on the old discount structure, and policies issued on or after that point received rates based on the revised discount structure. Since these cohorts of policies were generally available and issued at different times, with different underwriting criteria, different discounts, and different approved rates, GLIC believes it is appropriate and in compliance with § 38.2-508 to continue to treat them as separate cohorts for rate increase purposes. Accordingly, GLIC has separated the request and experience for the two larger cohorts (Subject to the Revised Couples Discount and Not Subject to the Revised Couples Discount) of policies to be consistent with the change to the discounts and update to the underwriting practices at the time of application. Consistent with this approach, policies subject to the Revised Couples Discount were not included in the prior 2020 Flex filing and the subsequent approval did not impact their premiums. All of that said, if the Bureau would like to discuss this approach, we would be happy to do so.

## Related Objection 2

## Applies To:

- Cover Letter (Supporting Document)

Comments: Please provide the justification to charge different rates for policies that are subject to the revised couple's discount vs. policies that are not subject to the revised couple's discount.

VA Regulation 14VAC5-130-50 states that premium rates may vary only by:
i.Individual or family
ii.Rating area
iii.Age
iv.Tobacco Usage.

## Changed Items:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Response 3

## Comments:

3) The February 2023 Addendum to the Actuarial Memorandum inadvertently referenced Pennsylvania in the beginning paragraph of the document. All other information was relevant for Virginia and this filing. Please see the revised addendum attached VA Flex 1 Addendum 2023.02 .17 Revised as no other changes needed to be made.

## Related Objection 3

## Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: The first line of the February 2023 Addendum to Actuarial Memorandum references Pennsylvania. Please advise if this memo is intended for Virginia and if all information contained in it is relevant to Virginia.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |


| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx <br> VA Flex 1 Addendum 2023.02.17-Revised.pdf |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.x/sx <br> VA Flex 1 Additional Exhibits 20221021.pdf VA Flex 1 Additional Exhibits 20221021.x/sx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.x/sx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.x/sx VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.x/sx |

## Response 4

## Comments:

4) GLIC apologizes for the confusion on the chart provided in the prior response related to active life reserves. The labels on the provided table were switched regarding the couples discount. Please see the table in the attached letter regarding the active life reserve balances on the filed cohorts on this policy form as of December 31, 2021.

## Related Objection 4

Applies To:

- Response Letter (2/17/23) (Supporting Document)

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Comments: Please advise if the chart for the prior response \#7 related to the active life reserve balance by subset is mislabeled. It appears that the heading for subject to vs. not subject to is reversed.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter (3/24/23) |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 4 Response 2023.03.23.pdf |

## Conclusion:

Sincerely,
Ronald Jackson

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Response Letter

Response Letter Status
Submitted to State
Response Letter Date
03/14/2023
Submitted Date
03/14/2023
Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated March 8, 2022, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request.

## Response 1

## Comments:

The SERFF inputs will be updated to reflect that there are policies where no rate increase has been requested. Please note that in our response to Objection 2, along with an updated Cover Letter and Addendum to the Memorandum, GLIC has respectfully updated the requested rate increases within this filing. The minimum amount will still be updated to $0 \%$ but there are requested amounts that are different than the originally proposed $95 \%$ for High BIO Unlimited cells only.

## Related Objection 1

Applies To:

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 ENDIC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)

Comments: Rate/Rule Schedule.

In reviewing the proposed premium rate schedules (VA Flex 1 CO Proposed Rate Schedule 202221021.pdf) it appears that the only rate increase is on page 9 requesting a 95\% increase for High BIO Unlimited schedule.

Please clarify if the Minimum \% change should be $0.00 \%$ instead of $95 \%$ since there appears to be no rate change requested except to the Unilimited High BIO plan.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.
No Supporting Documents changed.

## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 | Company Tracking \#: |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |
| State: | Virginia |  | Filing Company: | Genworth Life Insurance Company |  |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |

## Response Letter

Response Letter Status
Response Letter Date
Submitted to State
Submitted Date
02/17/2023
Submited Date
02/17/2023

## Dear Greg Smith,

## Introduction:

This letter is in response to the comments received in your objection letter, dated January 6, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. Please note that in addition to the responses to the objection questions, GLIC has provided an updated Cover Letter explaining the changes made to the filing, an Addendum to the Actuarial Memorandum for this filing, and the updated exhibits supporting the Addendum as well as requests received in the objection received on November 10, 2022.

Please consider the following list of exhibits (see response letter) provided in the attached document 'VA Flex 1 Addendum Exhibits.xlsx'

## Response 1

## Comments:

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

1) GLIC does not believe that the MAE of $10 \%$ that was used with the initial filing is still appropriate for use on this block. GLIC has been closely following the experience and evaluating the appropriateness of the margin for many years. The progression to the Moderately Adverse Scenario (MAS) used in the current filing is a good faith effort to provide more stability in LTC rate levels. GLIC believes the Department should consider the progression to MAS when determining its appropriateness:

In GLICs initial rate filings justified rate increases were calculated using a $10 \%$ margin applied to expected lifetime claims. As experience emerged, GLIC was surpassing the $10 \%$ margin every other year leading to continual requests for increases.
In 2020, GLIC began filing with a $15 \%$ margin applied to expected lifetime claims. This $15 \%$ margin was used nationwide on all rate stability products, including the 2021 Association Group filing submitted in Texas that was disapproved. The $15 \%$ margin was also breached quickly.
In 2022, GLIC moved away from a flat percentage and created a moderately adverse scenario intended to reflect how experience would emerge if the negative trends in the data were fully realized. The intent is that this margin is sufficient even if experience continues to decline.

While the moderately adverse scenario provides a larger margin percentage than the flat $10 \%$ MAE factor, GLIC believes it is appropriate for the following reasons:
Rate stability regulation required a margin be used in pricing with the explicit goal to stabilize long term care premiums. The flat $10 \%$ MAE factor has been repeatedly breached and is not serving the intended goal of stabilizing rates. By determining margin based on a scenario where emerging negative trends are realized, GLIC believes MAS will produce more stable rates.
The $10 \%$ margin in GLICs filings prior to 2020 was carryover from the $10 \%$ margin used in pricing. This margin, determined at pricing, was based on actuarial judgement with no experience to support the percentage. The move to $15 \%$ margin and then MAS was based less on actuarial judgement and more on the emerging experience.\&\#8195; Over the past 4 years the number of claims backing assumptions has doubled. This has both reinforced the inadequacy of a $10 \%$ margin and lends credibility to the assumptions being used to develop the Moderately Adverse Scenario. GLIC continues to get more data, and it is not unreasonable to expect that claims will have increased by another $50 \%$ in the next 4 years. These products are still relatively young with significant uncertainty which supports the need for a higher margin.
Ultimately, our actuaries are required to certify that no further premium rate schedule increases are anticipated if the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect moderately adverse experience are realized. Under a $10 \%$ margin our actuaries cannot certify to that statement.

GLIC stands firm on the belief that MAS is the appropriate margin to use; however, we recognize the Departments request for revised $80.1 / 85$ tests using a $10 \%$ MAE factor and have provided updated versions of those tests in TX Association Group Objection 7 Attachments.xlsx. This file contains updated versions of the with MAE dual loss ratio tests only (Attachments 3c, 3d, and 4b). The without MAE versions were not impacted by this request and therefore not updated. GLIC views these exhibits as informational only.

GLIC has provided the requested information in Exhibit 22-29 in VA Flex 1 Addendum.xlsx. Since Flex product was originally priced with a margin for adverse experience equitable to a $10 \%$ increase in the lifetime loss ratio, the original pricing projection was not provided. And since $15 \%$ MAE was used in the previous filing, PPV projection with $10 \%$ was not provided,

## Related Objection 1

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a complete set of all previously submitted projections using MAE of $10 \%$ of future claims.
PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response Letter (2/17/23) |
| :--- | :--- |
| Comments: | VA Flex 1 Objection 2 Response 20230217.pdf |
| Attachment(s): |  |

## Supporting Document Schedule Item Changes




## Response 2

## Comments:

2) Please see Exhibit 16-21 in VA Flex 1 Addendum.xlsx for PPV exhibit calculation.

## Related Objection 2

Applies To:

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please include all formulas in Attachment 2.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | L\&H Actuarial Memorandum |
| :---: | :---: |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.x/sx <br> VA Flex 1 Additional Exhibits 20221021.pdf |

## Response 3

## Comments:

3) Premiums assumed in Attachments 3a and $3 b$ were both under 2019 CFT assumptions. In Attachment 3b, 65.7\% rate increase was applied to the projections under the assumption that the requested rate increase in October 19, 2020 was fully approved, while this rate increase was not applied to Attachment 3a. Premiums in Attachments 3c was under 2021 CFT assumptions with actual rate increase history.

In addition, these projections only included active policyholders currently paying premium.

## Related Objection 3

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)


Comments: Please describe more completely the premiums assumed in each of Attachments 3a, 3b and 3c.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.x/sx VA Flex 1 Additional Exhibits 20221021.pdf VA Flex 1 Additional Exhibits 20221021.x/sx |

## Response 4

## Comments:

4) GLIC has provided the requested information in Exhibit 31 in VA Flex 1 Addendum.xlsx. GLIC should note that we believe the Cost Sharing component of the Blended If-Knew methodology creates a redundant limitation to the justified rate increase. The application of the blended if-knew includes the If-Knew methodology, which is inappropriate and inconsistent with LTC regulations. The inclusion of the If-Knew results in an arbitrary haircut to the justified increase already, and a cost sharing component applied on top of that result further limits the companys ability to obtain necessary rate increases. We believe that any application of the Blended If-Knew for GLIC should not include the redundant cost sharing provisions as the rate increases being requested by GLIC are necessary to maintain company solvency and arbitrary limitations are not appropriate.

## Related Objection 4

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

Comments: Please include the cost-sharing component of the Blended If-Knew/Makeup method in Attachment 4 and include all formulas.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.x/sx VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.x/sx |

## Response 5

## Comments:

5) For both the If-Knew and Make Up portions, the amount of rate increase was solved through the modeling tool that would return the block to the originally priced lifetime loss ratio. Therefore, GLIC is unable to provide the calculations.

## Related Objection 5

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please show the calculations that produce the If-Knew and Makeup percentages in Attachment 4.

## Changed Items:

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.x/sx VA Flex 1 Additional Exhibits 20221021.pdf VA Flex 1 Additional Exhibits 20221021.x/sx |

## Response 6

## Comments:

6) The original pricing projections for Lifetime High BIO and Limited High BIO are provided in Exhibit 30 in VA Flex 1 Addendum.xlsx.

Please note that GLIC is unable to split the original pricing assumptions based on revised couples discount due to system limitations but does not expect this to make a material difference in the results. The two cohorts have comparable benefits and demographics and were priced with the same underlying claim expectations.

## Related Objection 6

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a projection on the same basis as Attachment 8 (Original assumptions and original premiums from inception), but for the same subset of policies used in Exhibits la and IIa.

## Changed Items:

No Form Schedule items changed.

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | g Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | equest |  |  |  |

No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf <br> VA Flex 1 Memo Exhibits 20221021.xlsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xlsx <br> VA Flex 1 Addendum 20230217.pdf <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx |
| Previous Version |  |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Confidential Memo 20221021.pdf VA Flex 1 Memo Exhibits 20221021.xlsx VA Flex 1 Additional Exhibits 20221021.pdf VA Flex 1 Additional Exhibits 20221021.x/sx |

## Response 7

## Comments:

7) Please see the table in the attached letter for the active life reserve balance as of December 31, 2021 for the subsets of policies covered by this filing.

## Related Objection 7

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide the active life reserve balance as of the projection date on a nationwide basis for the subset of policies covered by this filing (High BIO, Lifetime, No Couples discount).

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.



## Response 8

## Comments:

8) Additional Exhibit XIII did not include information about this round of targeted increases. Please see Exhibit 13 in VA Flex 1 Addendum.xlsx for the updated status of filing.

## Related Objection 8



## Conclusion:

Regards,
Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Sincerely,
Ronald Jackson



## Response 2

Comments:
Response letter in Supporting Documentation tab.

## Related Objection 2

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-13 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life Insurance Company |  |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | quest |  |  |  |

Comments: 1) Please explain why policies that are subject to a "revised couples discount" are excluded from the premium/claim experience for policy form 7052 VA.
2) In addition to the policy count, please provide the total annual premium and historical claims paid for policies not subject to "revised couples discount" and the counts for those that are subject to "revised couples discount".

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :---: | :---: |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |
| Supporting Document Schedule Item Changes |  |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |
| Satisfied - Item: | 12/19/2022 Response |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Response 20221216.pdf |



## Response 3

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 3

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: We note that the Actuarial Memorandum and many of the exhibits are labeled Confidential.

As noted in the SERFF filing instructions, information filed with the Life and Health Insurance Forms and Rates Section is publicly available upon submission.
Questions should be directed to Bob Grissom at bob.grissom@scc.virginia.gov.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Response 4

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 4

| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |
|  |  |  |
| Applies To: |  |  |
| - Important Change Cover Letter, 165224Flex VA 10/01/22 (Form) |  |  |
| - Premium Change Notice Cover Letter, 165224NQFlex VA 10/01/22 (Form) |  |  |
| - Considerations Related To Your Benefits, 165224CRBFlex VA 10/01/22 (Form) |  |  |
| - Coverage Options, 165226Flex VA 10/01/22 (Form) |  |  |
| - Important Information Regarding This Premium Increase, 165239Flex VA 10/01/22 (Form) |  |  |
| Comments: Please provide redline versions of the previously approved forms under SERFF \# GEFA-132661692 for comparison to the forms filed under the Form |  |  |
| Schedule. |  |  |

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |
| Supporting Document Schedule Item Changes |  |
| Satisfied - Item: | Response attachment. |
| Comments: | VA Flex 1 Objection 1 Attachments.xlsx |
| Attachment(s): | $12 / 19 / 2022$ Response |
| Satisfied - Item: |  |
| Comments: | VA Flex 1 Objection 1 Response 20221216.pdf |
| Attachment(s): |  |



## Response 5

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 5

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide all projections required to compute the "Prospective PV" and the "If Knew/Makeup Blend" allowable increases as currently under consideration by the NAIC.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Response 6

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 6

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

Applies To:

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VAJ (Rate)

Comments: Please explain what the company means when it states on the "Proposed Rate Schedule", "0\% Increase to Current-Year Premiums".

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |


| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |
| Satisfied - Item: | $12 / 19 / 2022$ Response |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Response 20221216.pdf |



## Response 7

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 7

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: 1) Pursuant to 14VAC5-200-77 B. 3. a. please provide a description of the basis, that will withstand actuarial peer review, on which the $1 \%$ BIO rates were determined.
2) Pursuant to 14VAC5-200-77 B. 3. i. please provide a complete description of pricing assumptions upon which the $1 \%$ BIO rates were determined.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.


## Response 8

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 8

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | g Term Care/LTC031 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Rat | equest |  |  |  |
| Applies To: |  |  |  |  |  |  |
| - L\&H Actuarial | Memorandum (Supr | ing Document) |  |  |  |  |
| Comments: To | assist the Bureau | eview, for each of | subsets | business split by | /simple/compound in | protection, please provide | the following projections on a nationwide basis:

a. Current assumptions and current rates
b. Current assumptions with the proposed rate increase
c. Current assumptions with premiums restated as if the proposed rate schedule had been in effect from inception
d. Original assumptions and original premiums from inception
e. A projection showing all premiums at the original premium scale from inception (documenting past and future PV of premium for use in the 58/85 Test)

Projections a-e can be separate tabs or combined into separate columns on the same exhibit.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |


| Supporting Document Schedule |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |
| Satisfied - Item: | $12 / 19 / 2022$ Response |
| Comments: | VA Flex 1 Objection 1 Response 20221216.pdf |
| Attachment(s): |  |



## Response 9

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 9

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Pursuant to 14VAC5-130-60 B. 4. please provide the anticipated loss ratio and a description of how it was calculated for the new $1 \%$ BIO.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |


| State: | Virginia <br> Filing Company: <br> LTC03I Individual Long Term Care/L TC03I. 001 Qualified |  | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: |  |  | LTC03I Individual Long Term Care/LTC031.001 Qualified |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xlsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Response 20221216.pdf |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xlsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Response 20221216.pdf |  |
| Satisfied - Item: |  | Redline copies of change |  |
| Comments: |  |  |  |
| Attachment(s): |  | 165224CRBFlex VA 100122 redline.pdf 165224Flex VA 100122 redline.pdf 165224NQFlex VA 100122 redline.pdf 165226Flex VA 100122 redline.pdf 165239Flex VA 100122 redline.pdf |  |

## Response 10

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 10

Applies To:

- Rate Tables, [7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA] (Rate)
- L\&H Actuarial Memorandum (Supporting Document)


Comments: Explain how the addition of the new $1 \%$ Compound BIO is not discriminatory since this is a closed block of business.
VA 38.2-508 states in part:

No person shall:
2. Unfairly discriminate or permit any unfair discrimination between individuals of the same class and of essentially the same hazard (i) in the amount of premium, policy fees, or rates charged for any policy or contract of accident or health insurance, (ii) in the benefits payable under such policy or contract, (iii) in any of the terms or conditions of such policy or contract, or (iv) in any other manner.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: | VA Flex 1 Objection 1 Attachments.xlsx |
| Attachment(s): |  |


| Supporting Document Schedule |  |
| :--- | :--- |
| Item Changes |  |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |
| Satisfied - Item: | $12 / 19 / 2022$ Response |
| Comments: | VA Flex 1 Objection 1 Response 20221216.pdf |
| Attachment(s): |  |



## Response 11

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 11

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please explain how the \# of policyholders dropped from 2,830 in the prior SERFF filing (GEFA-132466851) to 56 in this current rate request filing.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |


| State: | Virginia <br> Filing Company: <br> LTC03I Individual Long Term Care/L TC03I. 001 Qualified |  | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: |  |  | LTC03I Individual Long Term Care/LTC031.001 Qualified |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xlsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Response 20221216.pdf |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xlsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Response 20221216.pdf |  |
| Satisfied - Item: |  | Redline copies of change |  |
| Comments: |  |  |  |
| Attachment(s): |  | 165224CRBFlex VA 100122 redline.pdf 165224Flex VA 100122 redline.pdf 165224NQFlex VA 100122 redline.pdf 165226Flex VA 100122 redline.pdf 165239Flex VA 100122 redline.pdf |  |

## Response 12

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 12

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please provide a comparison of the assumptions associated with the proposed rate increase to the assumptions associated with the most recently approved rate filing. For those assumptions that have changed, please justify the change.

## Changed Items:

| State: | Virginia Filing Company: |  | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: <br> Product Name: <br> Project Name/Number: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
|  | 2022 Flex 1 Rate Request |  |  |
|  | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |
| No Form Schedule items changed. |  |  |  |
| No Rate/Rule Schedule items changed. |  |  |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xIsx |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xlsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): VA Flex 1 Objection 1 Response 20221216.pdf |  |  |  |
| Supporting Document Schedule Item Changes |  |  |  |
| Satisfied - Item: |  | Response attachment. |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Attachments.xIsx |  |
| Satisfied - Item: |  | 12/19/2022 Response |  |
| Comments: |  |  |  |
| Attachment(s): |  | VA Flex 1 Objection 1 Response 20221216.pdf |  |
| Satisfied - Item: |  | Redline copies of change |  |
| Comments: |  |  |  |
| Attachment(s): |  | 165224CRBFIex VA 100122 redline.pdf 165224Flex VA 100122 redline.pdf 165224NQFlex VA 100122 redline.pdf 165226Flex VA 100122 redline.pdf 165239Flex VA 100122 redline.pdf |  |

## Response 13

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-13 |  | Company Tracking \#: | 2022 FLEX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | g Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R | uest |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | quest |  |  |  |

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 13

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please identify the portion of the proposed rate increase that is attributed to each of the following components:
a. Changes in the voluntary lapse assumptions
b. Changes in the mortality assumptions
c. Changes in the expected claim cost assumptions
d. Changes in any other assumptions (e.g., interest rates)

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

## Supporting Document Schedule Item Changes

| Satisfied - Item: | Response attachment. |
| :--- | :--- |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xlsx |


| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |
| Satisfied - Item: | $12 / 19 / 2022$ Response |
| Comments: | VA Flex 1 Objection 1 Response 20221216.pdf |
| Attachment(s): |  |



## Response 14

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 14

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please confirm that the assumptions being used in this filing are not any more conservative than used in asset adequacy testing.

## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: | VA Flex 1 Objection 1 Attachments.xlsx |
| Attachment(s): |  |



## Response 15

## Comments:

Response letter in Supporting Documentation tab.

## Related Objection 15

Applies To:

- L\&H Actuarial Memorandum (Supporting Document)

Comments: Please state the anticipated lifetime loss ratio anticipated in the initial filing.

## Changed Items:



## Response 16

## Comments:



## Changed Items:

No Form Schedule items changed.
No Rate/Rule Schedule items changed.

| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |


| Supporting Document Schedule Item Changes |  |
| :--- | :--- |
| Satisfied - Item: | Response attachment. |
| Comments: |  |
| Attachment(s): | VA Flex 1 Objection 1 Attachments.xIsx |
| Satisfied - Item: | $12 / 19 / 2022$ Response |
| Comments: | VA Flex 1 Objection 1 Response 20221216.pdf |
| Attachment(s): |  |



## Conclusion:

Sincerely,
Richard Cromwell


## Reviewer Note

## Created By:

Bill Dismore on 06/28/2023 02:25 PM
Last Edited By:
Colleen Moore
Submitted On:
04/30/2024 03:44 PM

## Subject:

Actuarial Summary \& Opinion Report

## Comments:

6/28/2023 - received actuary's summary and opinion report.

June 28, 2023
Life and Health Division
Bureau of Insurance
State Corporation Commission
P. O. Box 1157

Richmond, VA 23218

## Subject: SERFF Tracking \#GEFA-133451445

At the request of the Virginia SCC Bureau of Insurance (the "Bureau"), I have reviewed the filing for the above captioned submission from Genworth Life Insurance Company (the "Company"). This is a rate increase filing for a block of Individual Long Term Care Insurance.

## Recommendation

My review of this filing was performed according to the provisions of 14VAC5-200. Applicable Actuarial Standards of Practice were considered, including Actuarial Standard of Practice No. 18, "Long-Term Care" and Actuarial Standard of Practice No. 8, "Regulatory Filings for Health Benefits, Accident and Health Insurance, and Entities Providing Health Benefits". After review of the Company's submission, I believe the requested increases do not comply with the laws and regulations. I therefore recommend that the increase be restricted to the allowable amounts shown in the "Compliant Increase under 14VAC5-200" row in the table below.

## Other Extra-Regulatory Considerations

In addition to the regulatory analysis referenced above, I have reviewed a series of extra-regulatory tests that the Bureau considers for LTC rate filings. The maximum rate increase allowed under each of those tests is shown in the chart below:

|  | Lifetime BP <br> High BIO <br> No Cpl Disc | Limited BP <br> High BIO <br> No Cpl Disc | Limited BP <br> High BIO <br> With Cpl Disc |
| :--- | :---: | :---: | :---: |
| Number of policies | 56 | 2,675 | 611 |
| Requested Increase | $132.0 \%$ | $86.0 \%$ | $94.8 \%$ |
| Compliant Increase <br> under 14VAC5-200 | $60.4 \%$ | $20.2 \%$ | $26.7 \%$ |
| Additional Tests |  |  |  |
| PV Future Loss | $36.5 \%$ | $23.8 \%$ | $26.2 \%$ |
| Prospective PV | $127.7 \%$ | $120.8 \%$ | $87.8 \%$ |
| If-Knew/Makeup | $36.4 \%$ | $8.6 \%$ | $21.2 \%$ |
| State Equity | $54 \%$ | $24 \%$ | $74 \%$ |

## History and Details of Request

The policies covered by this filing were issued in Virginia from April 2012 through December 2014 and include 3,342 post-stability policies as of $12 / 31 / 2021$, representing about $4.5 \%$ of the nationwide inforce. One previous increase of $58 \%$ was approved in 2022 for policies without the revised couples discount. The Company is currently requesting a second increase ranging from $86 \%$ to $132 \%$, averaging $89.1 \%$.

Requests were sent to the Company for additional information and the Company's responses clarified issues which arose during my review. The Bureau was involved in all correspondence with the Company.

## Methodology

My approach was to a) review the submitted filing materials, b) check the filing contents and assumptions for compliance with all relevant regulations, c) verify the calculations in the supplied exhibits, d) review the projections for reasonableness, and e) analyze the current increase and cumulative increase in Virginia relative to other states.

## Assumptions

Assumptions are consistent with those used for 2021 cash flow testing before inclusion of provisions for moderately adverse experience.

Morbidity - The current morbidity assumptions for incidence, utilization and continuance are based on the Company's own experience through 2019 with 10 years of future morbidity improvement. The original assumptions were based on Company experience at the time.

The A/E based on the revised assumptions is about $100.3 \%$ for incidence and $100.4 \%$ for terminations.

Credibility was determined based on the formula recommended by the American Academy of Actuaries ("AAA") in a Long-term Care Credibility Monograph issued in August 2016. Under the formula recommended, 3,246 claims are needed for full LTCI data credibility. The standard is applied to cumulative historical experience to determine the credibility of the block. The Company's aggregate morbidity is based on over 200,000 claims, resulting in full credibility. This block of policies has experienced 865 claims, giving the data $52 \%$ credibility based on the standard above.

Mortality - The assumed mortality is based on Company experience through 2019 and includes 10 years of future mortality improvement. The original mortality was based on the Annuity 2000 Table with selection factors and $0.5 \%$ improvement for 30 years. The current mortality produces an $\mathrm{A} / \mathrm{E}$ ratio of $98.1 \%$ versus $43 \%$ under original assumptions.

Voluntary Lapse - The current lapse assumptions are based on Company experience through June 2020, varying by issue age, duration, benefit inflation option, marital status, risk class and benefit period. They fit reasonably well with the actual historical experience ( $98.5 \% \mathrm{~A} / \mathrm{E}$ overall vs. $47 \%$
on original pricing). Note that the current lapse rates increase with advanced attained age due to underreporting of deaths.

Interest - the average maximum valuation interest rate of $3.8 \%$ is used for discounting the projections.

Moderately Adverse Experience - When these plans were originally priced, an MAE of $10 \%$ of claims was included. Then in the 2021 filing, the MAE was increased to $15 \%$ of future claims to decrease the likelihood of future rate increases. Now, the Company has included a "Moderately Adverse Scenario" (MAS) which is a dynamic formula. For this block, the MAS margin varies from $27.6 \%$ on the Lifetime High BIO segment to $35.2 \%$ on the Limited High BIO. Since $10 \%$ is the level prescribed by 14VAC5-200 except under unusual circumstances, I discussed the issue with the Bureau and the Company was directed to provide projections using $10 \%$ MAE. These revised projections have been used in my analysis.

## Projections

The loss ratio projections as of 12/31/2021 are summarized below for the subset of policies that are subject to this rate increase.

|  | Cpl | Original | No Increase |  |  | With Increase |  |  | 200-153 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Scenario | Disc | LR | Future | Fut/ALR | Lifetime | Future | Fut/ALR | Lifetime | G2 Test |
| Limited High | No | $73.5 \%$ | $143 \%$ | $106 \%$ | $85 \%$ | $86 \%$ | $66 \%$ | $63 \%$ | FAIL |
| Lifetime High | No | $73.5 \%$ | $184 \%$ | $146 \%$ | $99 \%$ | $90 \%$ | $73 \%$ | $65 \%$ | FAIL |
| Limited High | Yes | $73.5 \%$ | $150 \%$ | $110 \%$ | $84 \%$ | $88 \%$ | $66 \%$ | $62 \%$ | FAIL |

## PV of Future Loss Test (in MM's)

|  | Cpl |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Scenario | Disc | Original | Current | Proposed | Limit |
| Limited High | No |  | $(962.9)$ | 541.7 | $36.5 \%$ |
| Lifetime High | No |  | $(125.1)$ | 31.4 | $23.8 \%$ |
| Limited High | Yes |  | $(139.3)$ | 64.3 | $26.2 \%$ |
| Total |  | $(712.0)$ | $(1,227.3)$ | 637.4 |  |

For this analysis, I compared the present value of expected future loss under three scenarios: 1) original assumptions; 2) current assumptions and current premiums; and 3) current assumptions and proposed premiums. The Original was only provided for all policies, so the Limits shown above are calculated such that the total will comply.

## Prospective PV Approach

I have reviewed the data provided by the Company and asked clarifying questions as needed to get comfortable with the demonstrations provided by the Company.

| Scenario | Cpl <br> Disc | Allowable |
| :---: | :---: | :---: |
| Limited High | No | $127.7 \%$ |
| Lifetime High | No | $120.8 \%$ |
| Limited High | Yes | $87.8 \%$ |

## If-Knew/Makeup Blend Approach

I have reviewed the data provided by the Company and asked clarifying questions as needed to get comfortable with the demonstrations provided by the Company.

| Scenario | Cpl <br> Disc | Allowable |
| :---: | :---: | :---: |
| Limited High | No | $36.4 \%$ |
| Lifetime High | No | $8.6 \%$ |
| Limited High | Yes | $21.2 \%$ |

## State Rate Equity

| Scenario | Cpl Disc | NW Curr | NW Prop | VA Curr | VA Prop | Allowed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Limited High | No | $53 \%$ | $95 \%$ | $58 \%$ | $194 \%$ | $24 \%$ |
| Lifetime High | No | $62 \%$ | $143 \%$ | $58 \%$ | $267 \%$ | $54 \%$ |
| Limited High | Yes | $34 \%$ | $74 \%$ | $0 \%$ | $94.8 \%$ | $74 \%$ |

## New 1\% Compound BIO Pricing

The Company has set the pricing for the newly-offered $1 \%$ Compound Benefit Increase Option to achieve the same future loss ratio as is anticipated for the current higher BIO policies. I believe this to be a reasonable approach to setting these premiums. However, I will note that this approach results in a lower lifetime loss ratio for the $1 \%$ BIO than for the existing BIOs due to the smaller volume of premium that is weighted with the past loss ratios.

## Reliance and Qualifications

I am providing this letter to the Bureau as the sole intended user. The scope of the review relates only to compliance with applicable laws and regulations relating to the actuarial aspects of the filing under consideration, and the intended purpose is to communicate my findings regarding this filing. Distribution of this letter to parties other than the Bureau by me or any other party does not constitute advice by me to those parties. The reliance of parties other than the Bureau on any aspect of this work is not authorized by me and is done at their own risk.

In arriving at my opinion, I used and relied on information provided by the Company and the Bureau without independent investigation or verification. If this information is inaccurate, incomplete, or out of date, my findings and conclusions may need to be revised. While I have
relied on the data provided without independent investigation or verification, I have reviewed the data for consistency and reasonableness. In the event that I found the data inconsistent or unreasonable, I have requested clarification.

I am a member of the American Academy of Actuaries and meet that body's Qualification Standards to render this opinion. I am responsible for this work and have utilized generally accepted actuarial methodologies in arriving at my opinion.

If you have any questions regarding this filing, please contact me to discuss.
Sincerely,


| State: | Virginia | Filing Company: Genworth Life Insurance Company |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Reviewer Note

## Created By:

Bill Dismore on 11/10/2022 07:20 AM
Last Edited By:
Colleen Moore
Submitted On:
05/01/2024 12:57 PM
Subject:
RRS

## Comments:

Rate Review Summary

Company Name and NAIC Number:

SERFF Tracking Number:

| Genworth Life Insurance Company /70025 |
| :--- |
| GEFA-133451445 |

## Revised Rates

Average Annual Premium Per Member:

Average Requested Percentage Rate Change Per Member:

Range of Requested Rate Changes:

Number of Virginia Policyholders Affected:

| $\$ 2,992$ after rate increase |
| :--- |
| $22.2 \%$ |
| $0 \%-60.4 \%$ |
| 3,420 |


| Form Number | Product Name | Issue Dates | Prior Rate Increases Date and Percentage Approved | Outlook for Future Rate Increases |
| :---: | :---: | :---: | :---: | :---: |
| 7052 VA | Flex 1 | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { RP10 VA } \end{aligned}$ | 10 Year Refund of Premium on Death Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { GRP VA } \end{aligned}$ | Graded Refund of Premium on Death Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { RB } \end{aligned}$ | Restoration Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 END-TB | Transition Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { INF } \end{aligned}$ | International Nursing Facility Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 END-IC | International Coverage Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { RP10 VA } \end{aligned}$ | 10 Year Refund of Premium on Death Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { GRP VA } \end{aligned}$ | Graded Refund of Premium on Death | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { RB } \end{aligned}$ | Restoration Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 RDR-TB | Transition Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { NFO VA } \end{aligned}$ | Nonforfeiture Benefit | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { SC } \end{aligned}$ | Shared Coverage Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { SURV10 VA } \end{aligned}$ | 10 Year Survivorship Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 RDRESURV VA | Enhanced Survivorship Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & \text { 7052RDR- } \\ & \text { LP65 VA } \end{aligned}$ | To Age 65 Premium Payment Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & \text { 7052RDR- } \\ & \text { LP10 VA } \end{aligned}$ | 10 Year Premium Payment Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |

Attach a narrative to summarize the key information used to develop the rates including the main drivers for the revised rates.
This document is prepared by the carrier to help explain the requested rate change and is only a summary of the company's request. It is not intended to describe or include all factors or information considered in the review process. For more detailed information, please refer to the complete filing at https://www.scc.virginia.gov/boi/SERFFInquiry/default.aspx.

## Key Information Used to Develop the Rates Including the Main Drivers

From the time these policy forms were originally priced, GLIC has monitored and analyzed the impact of its experience on the anticipated performance of the product. As new experience has emerged, GLIC has observed that it continued to unfold unfavorably and assumptions and methodologies have been adjusted to that effect. The direct effect of the worsening experience has been the need to increase the reserves supporting the product as well as the need to perform rate actions on the product.

The key drivers in the worsening experience are a combination of significantly higher than anticipated claims volumes combined with an increase in the average cost associated with the claims. The increase costs for the claims are driven by both the claims being longer and the cost of the care received being higher than originally anticipated. Premiums are being raised on all policies issued under these policy forms to offset the higher anticipated claims. This premium increase is designed to offset some of the anticipated increased costs, ensuring adequate funding to pay current and anticipated future claims, and in no way reflects on the integrity of an individual's policy, nor is it based on an individual's claims history, age, health status, or any other personal factor.

As required, we have filed our request for this premium increase with the Virginia Bureau of Insurance and included the necessary actuarial data and other items requested by the Virginia Bureau of Insurance to support the increase.

## Part 2 - Long Term Care Insurance Rate Request Summary

## Completed by the Bureau of Insurance (Bureau) of the Virginia State Corporation Commission

Company Name and NAIC Number: Genworth Life Insurance Company - NAIC 70025
SERFF Tracking Number: GEFA-133451445
Disposition: Approved \& Filed
Approval Date: 4/30/2024
Current Average Annual Premium Per Member: \$2,448

## Rate Changes:

Average Percentage Rate Change Per Member: 22.2\%
Minimum Requested Percentage Rate Change Per Member: 0\%
Maximum Requested Percentage Rate Change Per Member: 60.4\%
Number of Virginia Policy Holders Affected: 3,420

## Summary of the Bureau's review of the rate request:

The Company requested an $87.4 \%$ rate increase on this block of individual long-term care insurance policy forms. However, after discussion with the Bureau, the increase was reduced to $22.2 \%$.

The Bureau and its consulting actuary reviewed the documentation and determined that this rate increase complies with the regulatory and actuarial requirements for a rate increase as set forth in 14VAC5-200-153 of the Virginia Administrative Code. The review indicated that the anticipated lifetime loss ratio after the increase will be $93.5 \%$, which exceeds the minimum required loss ratio of 60\%.

While the Company has advised that they are likely to file for additional rate increases in the future, these will first need to be filed for review and approval with the Bureau.

The primary reasons for the rate increase are that policyholders are living longer, claims are lasting longer, and the cost of the care received is higher than originally anticipated, which has resulted in more claims being filed than the Company anticipated when the policy was originally priced. The Company determined that a premium increase is necessary to reflect that future claims are expected to be significantly higher on these policies than originally expected or priced and to ensure that sufficient funds are available to pay claims.

The Company is offering all policyholders options to reduce the premium increase by reducing their coverage. These reductions could be in the form of lower daily benefits, a shorter benefit period, a longer elimination period, the termination of riders or any combination of these reductions, or a paidup policy. Specific options are included in the letter sent to all policyholders notifying them of the rate increase and can be discussed with the Company by calling its customer service department.

The filing can be reviewed on the Bureau's webpage under the Rate/Policy Form Search at: https://scc.virginia.gov/boi/SERFFInquiry/LtcFilings.aspx

| State: | Virginia | Filing Company: | Genworth Life Insurance Company |
| :--- | :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |

## Form Schedule

| Lead Form Number: 165224Flex VA 10/01/22 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item <br> No. | Schedule Item Status | Form Name | Form Number | Form Type | Form Action | Action Specific Data | Readability <br> Score | Attachments |
| 1 | Filed 04/30/2024 | Important Change Cover Letter | $\begin{aligned} & \text { 165224Flex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  | 54.400 | $\begin{aligned} & \text { 165224Flex VA } \\ & \text { 100122 rev } \\ & \text { 042524.pdf } \end{aligned}$ |
| 2 | Filed 04/30/2024 | Premium Change Notice Cover Letter | $\begin{aligned} & \text { 165224NQF } \\ & \text { lex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165224NQFlex VA } \\ & \text { 100122 rev } \\ & \text { 032824.pdf } \end{aligned}$ |
| 3 | Filed 04/30/2024 | Considerations Related To Your Benefits | $\begin{aligned} & 165224 \mathrm{CRB} \\ & \text { Flex VA } \\ & 10 / 01 / 22 \end{aligned}$ | OTH | Initial |  |  | 165224CRBFlex <br> VA 100122 rev <br> 032824.pdf |
| 4 | Filed 04/30/2024 | Coverage Options | 165226Flex VA 10/01/22 | OTH | Initial |  |  | $\begin{aligned} & \text { 165226FIex VA } \\ & \text { 100122 rev } \\ & \text { 032824.pdf } \end{aligned}$ |
| 5 | Filed 04/30/2024 | Important Information Regarding This Premium Increase | $\begin{aligned} & \text { 165239Flex } \\ & \text { VA 10/01/22 } \end{aligned}$ | OTH | Initial |  |  | $\begin{aligned} & \text { 165239Flex VA } \\ & \text { 100122.pdf } \end{aligned}$ |

## Form Type Legend:

| ADV | Advertising | AEF | Application/Enrollment Form |
| :--- | :--- | :--- | :--- |
| CER | Certificate | CERA | Certificate Amendment, Insert Page, Endorsement or <br> Rider |
| DDP | Data/Declaration Pages | FND | Funding Agreement (Annuity, Individual and Group) |
| MTX | Matrix | NAP | Network Access Plan |
| NOC | Notice of Coverage | OTH | Other |
| OUT | Outline of Coverage | PJK | Policy Jacket |
| POL | Policy/Contract/Fraternal Certificate | POLA | Policy/Contract/Fraternal Certificate: Amendment, <br> Insert Page, Endorsement or Rider <br> Provider Directory |
| PRC | Provider Contract/Provider Addendum/Provider <br> Leading Agreement | PRD |  |

## Genworth㮍:

Genworth Life Insurance Company [company add 1]<br>[company addr2]<br>[company city, st zipl<br>Important Change - Decision Required<br>[mailing name1]<br>[address line 1]<br>[address line 2]<br>[address line 3]<br>[address line 4]<br>[address line 5]

## The premium on your long term care insurance policy is increasing.

You have [3] options:

1. Keep your current coverage the same and
pay the premium increase
2. Change your policy's benefits to lower your premium
[Stop paying premium by electing the Contingent
3. Benefit Upon Lapse]

Dear [Insured_name1],
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.
We are writing to let you know that as a result of higher expected claims costs than anticipated when we originally priced your policy, the premium on your current long term care coverage will increase by [999.99\%], from [\$99,999.99] to [\$99,999.99] [annually], beginning on your next billing anniversary date, [Mmmm dd, yyyy]. Please refer to the following pages for more details and other important information about this increase[, as well as plans for future increases]. Please note that this increase is not specific to you or to any change in your health, age, or claims history.
We appreciate that premium increases can be difficult for our policyholders. The enclosed pages also outline coverage adjustment options to help manage your premium cost while still maintaining important coverage. There may also be additional options available to reduce your premium.
We encourage you to discuss your options with your financial advisor or a member of our Customer Service Team by calling [999 999.9999] before making a decision.
For additional information regarding premium increases, please visit [genworth.com/tcpremiums].
Sincerely,
[Signature name]
[Signature title]
P.S. This premium increase notice is not a bill [- you will be billed separately]. Please take time to read the Important Information Regarding This Premium Increase included with this letter.
enclosures: 165224CRBFlex VA 10/01/22, 165226Flex VA 10/01/22, 165239Flex VA 10/01/22, [134613VA 06/29/16,] Envelope

## Long Term Care Insurance

Premium Increase Notice [mm/dd/yy]
Genworth Life Insurance
Company

## Insured:

[Insured_name1]
Policy Number:
[policy_number]

## Policy Form:

[form number]

## [Agent:]

[servicing agent name] [servicing agency name]

## Customer Service:

## [999 999.9999]

[company_hours1] [company_hours2]
Fax: [company_fax]
[genworth.com/ltcpremiums]

## Genworth $\begin{gathered}\text { "梌。 }\end{gathered}$

Genworth Life Insurance Company
[company_address1]
[company_address2]
[company_city_state]
[mailing_name1]
[mailing_address1]
[mailing_address2]
[mailing_address3]
[mailing_address4]
[mailing_address5]

# Long Term Care Insurance 

Premium change notice
[document_date] from Genworth Life Insurance Company

Insured [Insured_name1]
[Agent]
[servicing agent name]
[servicing agency name]

Policy number [policy_number]

Policy form
[form_number]
Customer service [company_phone] [company_hours1] [company_hours2] Fax: [company_fax]
[company_website]

Dear [Insured_name1],
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.
Your premium is currently being waived because you are receiving long term care insurance benefits under the policy. Therefore, the information contained in this premium change notice will not impact you until you are no longer receiving benefits and your premiums are no longer waived.

This letter is to inform you that the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] [annually], beginning on [Mmmm dd, yyyy]. This represents a [999.999\%] rate increase in the premiums for your policy. You will receive a notice regarding payment of the new premium once you are no longer receiving benefits and are required to continue paying premiums. Please note that this increase is not due to a change in your health, age, or claims history.

Given this change, please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. When you are no longer receiving benefits, you may have several choices to adjust your coverage to meet your needs.

This premium increase notice is not a bill [- you will be billed separately].
We encourage you to discuss options with your agent or a member of our Customer Service Team by calling [999 999.9999] before making a decision. For additional information regarding premium increases, please go to [genworth.com/Itcpremiums].

Once again, thank you for being a Genworth Life Insurance Company policyholder.
Sincerely,
[sig name]
[sig title]
P.S. Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout®, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially in-home care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at [CareScout.com/Genworth].
enclosure[s]: 165239Flex VA 10/01/22[, 134613VA 06/29/16]

Administrative Office:
3100 Albert Lankford Drive
Lynchburg, VA 24501

## Considerations Related To Your Benefits

Your long term care insurance policy protects you financially should you require care in the future. However, we understand that evolving financial situations combined with increasing premiums may cause you to reevaluate your coverage. On the Coverage Options page that follows, we offer alternatives for keeping coverage in place and within budget.

Options for reducing your benefits and premiums may include, where applicable, one or a combination of the following: reducing your daily/monthly benefit amount, reducing your benefit period, removing any inflation protection/benefit increases, extending your Elimination Period, or dropping any optional rider(s). Please contact our Customer Service Team for additional information and/or quotes by calling [999 999.9999].

IMPORTANT: Reducing your coverage below your state minimums for Partnership will result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection.

## 1. Keep your current coverage and pay the premium increase

The Coverage Options page shows your current benefits and new premium. If you are comfortable with your current coverage, take no action except to pay the increased premium.

## 2. Change your policy's benefits to lower your premium

[The coverage options outlined on the following page illustrate how you can adjust your coverage while maintaining meaningful benefits within your budget. [We have included an option that keeps you near your pre-rate increase premium amount.]] Options for reducing benefits and premiums other than those presented in this package may be available.

As you consider ways to reduce your premium, you may want to review the need for retaining optional benefits included in your policy. You can call our Customer Service Team to discuss optional coverage, the benefits provided, and the impact on your premium. For example, your policy includes a Waiver of Home Care Elimination Period benefit, removing this option reduces your premium and changes your coverage to no longer include a zero day Elimination Period for Home Care.
The following resources are available to help you make a decision regarding your coverage:
Consider Cost of Care. As you think about your options, it may be helpful to consider the cost of long term care services. You can find cost of care information for your area on the Coverage Options page. Additional information you can use to estimate future cost of care is available on [genworth.com/costofcare].
Genworth Data. In addition, while a long term care event can begin at any time, Genworth data has shown that many long term care claims begin between ages [ 80 and 89]. This information is based on many policies and types of long term care policies and is current as of [12/31/22].

Online tools available. To access additional tools and information please register/log-in at [genworth.com] and go to the 'Coverage \& Care' tab. Featured here is the Coverage Needs Estimator, a personalized online tool that provides comparative information to help you think about:

- The median cost of care services you may require in the future, and
- How your future estimated policy benefits may align with potential care needs

Important: The enclosed cost of care, long term care event, and claims-related figures (and similar information on [genworth.com]) are medians, averages and approximations. Similarly, future cost of care information available on [genworth.com] [and within the Coverage Needs Estimator] is based on estimates and hypothetical assumptions. Keep in mind, your actual experience may be different. Consider various scenarios and your own circumstances when determining what coverage options are best for you.

Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout®, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially inhome care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at [CareScout.com/Genworth].

## 3. Stop paying premiums and receive a Limited Benefit

If you do not want to pay further premiums you may have the option of stopping further payments and obtaining a benefit for long term care services approximately equal to the amount of premium paid [less any claims paid]. Please refer to the Coverage Options page, [and] Important Information Regarding This Premium Increase [, and enclosed endorsement] for additional details.

## Some information to consider as you evaluate reducing your benefits

[Monthly] maximum benefit is the maximum your policy will pay for any [month]. You may reduce your [monthly] maximum to lower your premium.
Benefit period/Benefit multiplier. Along with your [monthly] maximum benefit, your benefit period is the period of time that is used to calculate the coverage maximum. Your coverage is based on this coverage maximum, not a certain period of time. If your [monthly] maximum benefit amount and/or the benefit period are reduced, the maximum benefits payable under your policy will automatically be reduced because the policy maximum is a function of the benefit amount and the benefit period.
Coverage Maximum is the combined total amount we will pay as benefits under this policy. The Remaining Coverage Maximum is the Coverage Maximum less any previously paid claims.

Inflation protection/Benefit increases change the amount that your [monthly] maximum benefit increases each year. If you have this benefit and elect to reduce or terminate it, you will have the option to keep your accumulated benefit and your premium will be adjusted accordingly. [Your policy includes a Future Purchase Option. Amounts shown do not reflect increases that may occur as a result of your election of future purchases, therefore [monthly] maximum benefit and premium amounts may vary.]
Elimination Period is the length of time you must pay out of pocket before you are entitled to benefits under the policy. A longer elimination period may reduce your premium.

Covered Percentage is that portion of Covered Expenses for which Benefits may be payable under the Policy. Consider more affordable coverage by reducing the Covered Percentage from 100\% to 80\%. See the enclosed Important Information Regarding This Premium Increase for more information.

Benefit amounts. Changes to your [monthly] maximum benefit and/or inflation protection will change the amount of any future incremental benefit increases and associated original benefit amounts.
Shared Coverage/Benefit Rider. Under the terms of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies.

We encourage you to carefully read the enclosed materials before making a decision.

Genworth Life Insurance Company
Policyholder: [insured name]
Date of notice: [mm/dd/yy]
Policy number: [policy number]
Premium before increase: [\$99,999.99] [mode]
Increased premium: [\$99,999.99] [mode]

Coverage Options
Page 1 of [m]
Genworth [20YY] Cost of Care Study
The approximate [monthly] median cost of care provided in your area (based on 44 hours per week):
In Home Care: $[\$ 99,999]$
Assisted Living: [\$99,999]
Nursing Home: $[\$ 99,999]$

$\left(\begin{array}{l|l|l|}\hline \text { 3. Stop paying premiums } & \begin{array}{l}\text { You may choose to elect a paid up reduced policy benefit } \\ \text { and stop paying premiums. IMPORTANT: Selecting this } \\ \text { option would greatly reduce the total amount of } \\ \text { benefits available to pay for care. }\end{array} & \begin{array}{l}\text { [\$99.999.99] Paid up policy benefit }\end{array} \\ \text { [Contingent Nonforfeiture Benefit] }\end{array}\right]$
$\left[{ }^{* *} \square\right.$ By checking this box and signing this form, you acknowledge that the reduction in coverage is below your state benefit minimum for Partnership; and therefore, your policy will no longer be Partnership qualified and you will lose the associated asset protection. Options that we believe will result in loss of Partnership Status are indicated with double asterisks ( ${ }^{(*)}$ ).]

Other options may be available; contact Customer Service at [999 999.9999] for additional quotes. Changes to your current coverage are indicated in bold above for comparison. Please read all documents for more information on your options before making your decision. [These amounts do not reflect increases that may occur as a result of your election of a Future Purchase Option. As a result, maximum benefit and premium amounts may vary.] The options shown are quotes as of [ $\mathrm{mm} / \mathrm{dd} / \mathrm{yy}$ ] and final values may change.

You do not need to return this form if you are keeping your current coverage. If changing your coverage to one of the options above, please check the blue box to indicate yourchoice, then sign and return this form by fax or mail in the enclosed envelope [or elect online] by [mm/dd/yy].

Please see the reverse of this form if you wish to change your coverage

Coverage Options
Page 2 of [m] Date: [mm/dd/yy]
Policyholder: [insured name]
Policy number: [policy number]
Premium before increase: [\$999,999.99] [semi-annual]

Genworth recommends that you consult with your trusted advisors before making this selection. By signing, you acknowledge your intent to reduce your benefits available to pay for future care and you represent and agree that (1) we are authorized to process the requested change to your policy, (2) the change will not be effective until reflected in a policy amendment we send to you, (3) the benefits and premiums quoted are subject to confirmation and may change, and (4) you have read and understand the information on this form and the enclosed documents, including the Important Information Regarding This Premium Increase.

Policyholder Signature Date

# Genworth <br> Important Information Regarding <br> This Premium Increase from Genworth Life Insurance Company 

Genworth Life<br>Administrative Office: [3100 Albert Lankford Drive] [Lynchburg, VA 24501]<br>Page 1 of [m]

## About this premium increase

It is important to note that this premium increase was reviewed by Virginia's State Corporation Commission and was found to be compliant with applicable Virginia laws and regulations addressing long-term care insurance. All premium rate fillings are available for public inspection and may be accessed online through the Virginia State Corporation Commission's webpage at https://scc.virginia.gov/boi/SERFFInquiry/LtcFilings.aspx.

This increase is necessary because we expect our claims costs to be higher than we anticipated when we originally priced your policy. The increase applies to policies having benefits similar to those in your policy, which were issued in the same state, on the same policy form, and are considered as part of the same policy class. It is not specific to you or to any change in your age, health, claims history or any other personal factor.

We filed and are implementing this increase in accordance with the laws and regulations of Virginia, where your policy was issued for delivery. States require insurance companies to support rate increase requests with actuarial justification. States also require us to tell you when we raise premiums.

This notice and attachments provide important information about the premium rate increase and your current coverage. They show the percentage increase for your premium rate, which is part of your premium. This rate increase percentage may vary slightly from the actual percentage of your premium increase. These documents also provide information about options that may be available to help you manage your premium cost. Read this information carefully before deciding what to do. Please note that we requested a [999.999\%] rate increase and the Virginia State Corporation Commission determined that a rate increase of [999.999\%] was allowable under Virginia's regulations. [Once you've decided, fill out the enclosed Coverage Options page and return it to us]. [If you are registered on [genworth.com], you can log into your account to select one of the coverage options described in this notice.] For information about premium increases, visit [genworth.com/ltcpremiums].

## Policy is Guaranteed Renewable and subject to future premium increases

Your long term care insurance coverage is guaranteed renewable, meaning that we cannot cancel or refuse to continue your coverage for any reason. As long as you pay the required premium on time and have not used all your benefits, coverage will continue.

Guaranteed renewable does not mean that premiums are guaranteed to remain the same indefinitely. In accordance with the terms of your policy, we reserve the right to change premiums and it is [likely] that we will file with the Virginia State Corporation Commission for another premium increase again in the future.
[Please be aware that, as of [MM/YYYY], we planned to request at least [ $999 \%$ ] in additional rate increases on your policy and policies like yours issued in Virginia. The actual increases we seek may be higher or more numerous than the plans described above. ]To see more current planned premium rate increase requests you may register or log on to your account at [genworth.com] and go to the section entitled "I want to" or call our Customer Service Team.

Planned rate increases will take effect only as permitted by the Virginia State Corporation Commission and state law.

## Benefits

[The benefit values presented in the accompanying letter are approximate due to rounding. ]Covered benefits payable at the time of a claim will be calculated in accordance with your policy. Benefits are payable only when you meet the terms and conditions for receiving benefits under your policy.

## Considerations related to reducing your benefits

Maintain Premium Level. You may be able to keep your premium at or about its current level by electing available options that may help minimize the effect of the premium increase, including the following:

- You may choose to reduce your maximum [daily] benefit, or
- You may choose to adjust your benefit period or elimination period.

Value of coverage reduction options. All of the options available to you as alternatives to paying the full premium increase may not be of equal value. There may be other options for reducing your premium that are not listed above, if you are interested in learning about those options please contact us at [999 999.9999]. [lf you have a Partnership policy, reducing your coverage may result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection.]

The option to reduce benefits is available at any time. In the event of a future rate increase, similar options will be available to you. You also have the right to a revised premium rate or rate schedule.
Benefits paid or payable. If you elect to reduce benefits, any benefits paid or payable are deducted from your reduced Coverage Maximum. If you have previously been on claim, adjusting your elimination period may not be appropriate. Reducing benefits while you are receiving policy benefits is generally not advisable.

## Paid-up feature

Your policy has a limited number of premium payments required to become paid-up. That means if you pay all required premiums as they become due, this policy will be paid-up and require no future premiums including rate increases. Careful consideration should be given before selecting an option that stops further payments. Our Customer Service Representatives would be happy to discuss this option with you.

## Moving from unlimited lifetime benefits to limited benefits

The rate increase percentage for policyholders with an unlimited lifetime benefit is higher than the rate increase for policies with a shorter, defined benefit period. An election to reduce the benefit period would result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Removing or reducing benefit inflation option

The rate increase percentage for policyholders with a [larger ]benefit increase option is higher than the rate increase for policies] [with a $1 \%$ benefit increase option or those ]without a benefit increase option. An election to remove your benefit increase option[ or reduce to $1 \%$ compound inflation] would [likely ]result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Reducing Covered Percentage

The Covered Percentage is the portion of Covered Expenses that may be payable under your policy. You can reduce your premium by reducing your Covered Percentage from $100 \%$ to $80 \%$. If you reduce your Covered Percentage to $80 \%$, the policy will pay $80 \%$ of Covered Expenses under the Nursing Facility Benefit and the Home and Community Care Benefit, up to the [monthly] Nursing Facility Maximum. Coverage remains subject to the Coverage Maximum, any applicable Elimination Period, and all other policy terms. If you change your Covered Percentage, you will receive a new policy schedule that includes this change. Please read it carefully and let us know if you have any questions.

## Stop paying premiums and receive a Limited Benefit

You may elect an Optional Limited Benefit. As a result of this premium increase, we are offering an Optional Limited Benefit. This endorsement allows you to elect a limited paid-up long term care insurance benefit and no future premium will be required. This benefit is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This benefit provides a paid-up benefit with total coverage equal to the total premium paid, excluding waived premium, less any claims paid. A policy lapse or cancellation at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Optional Limited Benefit Endorsement for more detailed information prior to making this election.

## Waiver of Premium benefit

If you are currently receiving a Waiver of Premium benefit, you will not be required to pay the increased premium until the Waiver of Premium benefit no longer applies, as provided for in your policy. At that time, you may want to call one of our Customer Service Representatives to discuss options to reduce the premium increase by changing your policy benefits.

If you are not receiving a Waiver of Premium benefit, you will be required to pay the increased premium, even if you are receiving policy benefits. Prior to paying your bill with the increased premium you may want to call one of our Customer Service Representatives to discuss options you may have to reduce your premiums by changing your policy benefits.

## Payments by automatic withdrawal/third-party account/online banking

If you are using automatic withdrawals, the new required premium will be automatically deducted from your bank checking account. If you are using a third-party account or online banking to pay your premiums, please be sure to make the proper adjustments and arrangements for paying the new required premium amount.

## Time frame to reverse decision

If you opt to reduce your benefits or cancel your coverage, your request to reverse any such decision must be in writing, signed by you, and received by us no more than 60 days after the date of our written confirmation of your reduction/cancellation.

## Available support services benefits

Caregiver Support Genworth offers a no-cost service to assist in locating providers in your area. For more information contact CareScout directly at [carescout.com] or by calling 800.571.1918, to speak with a CareScout representative between 8am - 6pm Eastern Standard Time, Monday through Friday.
Live+Well ${ }^{\text {SM }}$ Featuring expert health and wellness information from Mayo Clinic. Log-in or register at [genworth.com] to access helpful articles on healthy aging, fitness, nutrition, caregiving and stress management.

## About Genworth Life Insurance Company (Genworth)

Genworth companies began selling long term care insurance in 1974 and have been the largest provider of long term care insurance policies in the United States. It is important to note that Genworth regularly monitors the business performance of these policies and believes that its companies' reserves are adequate and appropriate at this time. As you review your options, you should know that A.M. Best, a global credit rating agency focused on evaluating the claims paying ability of insurance companies, [currently rates Genworth Life Insurance Company's financial strength as C++, indicating A.M. Best's view that Genworth Life Insurance Company has "marginal ability to meet ongoing insurance obligations." To obtain information regarding Genworth company financial strength, please visit [genworth.com]].

| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life Insurance Company |  |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC031.001 Qualified |  |  |  |  |  |
| Product Name: | 2022 Flex 1 Rate Request |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |  |  |

## Rate Information

Rate data applies to filing.

| Filing Method: | SERFF |
| :--- | :--- |
| Rate Change Type: | Increase |
| Overall Percentage of Last Rate Revision: | $58.000 \%$ |
| Effective Date of Last Rate Revision: | $04 / 01 / 2022$ |
| Filing Method of Last Filing: | SERFF |
| SERFF Tracking Number of Last Filing: | GEFA-132466851 |

Company Rate Information

|  |  | Company Rate Information |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Company | Overall \% | Overall \% | Written Premium | Number of Policy | Written | Maximum \% | Minimum \% |
| Indicated | Rate | Change for | Holders Affected | Premium for | Change | Change |  |


| SERFF Tracking \#: | GEFA-133451445 | State Tracking \#: | GEFA-133451445 |  | Company Tracking \#: | 2022 FLEX 1 RATE REQUEST |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State: | Virginia |  |  | Filing Company: | Genworth Life I | ce Company |
| TOI/Sub-TOI: | LTC03I Individ | Term Care/LTC03 | Qualified |  |  |  |
| Product Name: | 2022 Flex 1 R |  |  |  |  |  |
| Project Name/Number: | 2022 Flex 1 R | uest/2022 Flex 1 Ra | quest |  |  |  |

## Rate/Rule Schedule

| Item No. | Schedule Item <br> Status | Document Name | Affected Form Numbers (Separated with commas) | Rate Action | Rate Action Information | Attachments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Rate Tables | 7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 <br> END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDRGRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDRSURV10 VA, 7052 RDRESURV VA, 7052 RDR-LP65 VA, 7052 RDR-LP10 VA | Revised | Previous State Filing Number: <br> GEFA-132466851 <br> Percent Rate Change Request: <br> 22.7 | Flex 1 CO Rate Tables_Proposed.pdf, Flex 1 LD Rate <br> Tables_Proposed.pdf, |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 CO - Joint Policies Subject to Original Couples Discount
form: 7052VA

|  |  |  |  | Individual <br> $365 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | No BIO <br> 90 EP | 1\% Compound BIO 90 EP | $5 \%$ Simple BIO 90 EP | $3 \%$ Compound BIO 90 EP | 4\% Compound BIO 90 EP | Graded <br> 90 EP | 5\% Compound to 65, 5\% Equal 90 EP | 5\% Compound BIO 90 EP |
| 18-25 | 36.70 | 44.04 | 71.98 | 74.39 | 82.51 | 89.79 | 93.94 | 96.97 |
| 26 | 37.37 | 44.84 | 72.95 | 75.19 | 82.94 | 90.47 | 94.77 | 97.94 |
| 27 | 38.03 | 45.64 | 73.91 | 75.97 | 83.41 | 91.16 | 95.64 | 98.92 |
| 28 | 38.69 | 46.43 | 74.88 | 76.75 | 83.86 | 91.84 | 96.50 | 99.90 |
| 29 | 39.36 | 47.23 | 75.86 | 77.53 | 84.32 | 92.53 | 97.35 | 100.88 |
| 30 | 40.02 | 48.02 | 76.82 | 78.32 | 84.78 | 93.22 | 98.20 | 101.86 |
| 31 | 40.69 | 48.83 | 77.79 | 78.91 | 85.20 | 93.88 | 99.04 | 102.82 |
| 32 | 41.33 | 49.60 | 78.78 | 79.50 | 85.59 | 94.54 | 99.87 | 103.79 |
| 33 | 42.00 | 50.40 | 79.73 | 80.09 | 86.03 | 95.22 | 100.73 | 104.75 |
| 34 | 42.64 | 51.17 | 80.69 | 80.68 | 86.44 | 95.88 | 101.57 | 105.73 |
| 35 | 43.31 | 51.97 | 81.66 | 81.27 | 86.84 | 96.56 | 102.40 | 106.69 |
| 36 | 43.80 | 52.56 | 82.46 | 81.66 | 88.11 | 97.55 | 103.40 | 107.87 |
| 37 | 44.27 | 53.12 | 83.24 | 82.06 | 89.36 | 98.59 | 104.36 | 109.05 |
| 38 | 44.76 | 53.71 | 84.04 | 82.45 | 90.61 | 99.57 | 105.34 | 110.22 |
| 39 | 45.24 | 54.29 | 84.84 | 82.84 | 91.88 | 100.58 | 106.32 | 111.40 |
| 40 | 45.73 | 54.88 | 85.63 | 83.24 | 93.13 | 101.58 | 107.30 | 112.58 |
| 41 | 45.85 | 55.02 | 85.75 | 83.33 | 93.67 | 101.81 | 107.43 | 112.87 |
| 42 | 45.98 | 55.18 | 85.86 | 83.41 | 94.21 | 102.03 | 107.57 | 113.16 |
| 43 | 46.10 | 55.32 | 85.99 | 83.47 | 94.77 | 102.23 | 107.70 | 113.48 |
| 44 | 46.23 | 55.48 | 86.12 | 83.56 | 95.29 | 102.45 | 107.83 | 113.76 |
| 45 | 46.36 | 55.63 | 86.24 | 83.64 | 95.85 | 102.65 | 107.96 | 114.05 |
| 46 | 46.80 | 56.16 | 86.41 | 83.77 | 96.70 | 102.98 | 108.44 | 114.69 |
| 47 | 47.27 | 56.72 | 86.58 | 83.90 | 97.55 | 103.28 | 108.90 | 115.33 |
| 48 | 47.73 | 57.28 | 86.75 | 84.06 | 98.40 | 103.58 | 109.36 | 115.98 |
| 49 | 48.19 | 57.83 | 86.93 | 84.19 | 99.25 | 103.90 | 109.81 | 116.61 |
| 50 | 48.65 | 58.38 | 87.10 | 84.34 | 100.09 | 104.20 | 110.28 | 117.26 |
| 51 | 48.98 | 58.78 | 87.25 | 84.81 | 101.97 | 105.10 | 111.69 | 119.06 |
| 52 | 49.33 | 59.20 | 87.42 | 85.29 | 103.84 | 105.99 | 113.10 | 120.85 |
| 53 | 49.66 | 59.59 | 87.55 | 85.76 | 105.73 | 106.91 | 114.51 | 122.65 |
| 54 | 50.01 | 60.01 | 87.72 | 86.26 | 107.60 | 107.80 | 115.92 | 124.43 |
| 55 | 50.34 | 60.41 | 87.85 | 86.74 | 109.49 | 108.68 | 117.33 | 126.23 |
| 56 | 53.91 | 64.69 | 94.90 | 92.99 | 112.75 | 110.45 | 119.80 | 129.54 |
| 57 | 57.46 | 68.95 | 101.97 | 99.24 | 116.04 | 112.21 | 122.24 | 132.85 |
| 58 | 61.02 | 73.22 | 109.01 | 105.46 | 119.32 | 113.97 | 124.70 | 136.15 |
| 59 | 64.57 | 77.48 | 116.08 | 111.71 | 122.59 | 115.74 | 127.15 | 139.48 |
| 60 | 68.13 | 81.76 | 123.12 | 117.95 | 125.87 | 117.50 | 129.60 | 142.77 |
| 61 | 74.56 | 89.47 | 132.45 | 125.97 | 137.36 | 124.68 | 137.63 | 155.12 |
| 62 | 80.99 | 97.19 | 141.79 | 134.00 | 148.86 | 131.88 | 145.67 | 167.49 |
| 63 | 87.44 | 104.93 | 151.09 | 142.02 | 160.35 | 139.07 | 153.70 | 179.81 |
| 64 | 93.85 | 112.62 | 160.44 | 150.06 | 171.84 | 146.27 | 161.73 | 192.18 |
| 65 | 100.30 | 120.36 | 169.77 | 158.06 | 183.31 | 153.47 | 169.77 | 204.52 |
| 66 | 114.27 | 137.12 | 189.72 | 176.66 | 202.59 | 170.95 | 189.72 | 225.01 |
| 67 | 128.25 | 153.90 | 209.69 | 195.25 | 221.84 | 188.40 | 209.69 | 245.52 |
| 68 | 142.22 | 170.66 | 229.64 | 213.85 | 241.12 | 205.87 | 229.64 | 265.99 |
| 69 | 156.18 | 187.42 | 249.61 | 232.44 | 260.38 | 223.32 | 249.61 | 286.51 |
| 70 | 170.17 | 204.20 | 269.57 | 251.01 | 279.66 | 240.80 | 269.57 | 307.00 |
| 71 | 194.45 | 233.34 | 306.19 | 285.37 | 318.24 | 272.06 | 306.19 | 347.75 |
| 72 | 218.75 | 262.50 | 342.80 | 319.71 | 356.85 | 303.31 | 342.80 | 388.53 |
| 73 | 243.05 | 291.66 | 379.40 | 354.04 | 395.48 | 334.55 | 379.40 | 429.28 |
| 74 | 267.34 | 320.81 | 415.99 | 388.40 | 434.07 | 365.82 | 415.99 | 470.07 |
| 75 | 291.62 | 349.94 | 452.61 | 422.73 | 472.69 | 397.08 | 452.61 | 510.84 |
| 76 | 335.36 | 402.43 | 511.44 | 478.42 | 529.41 | 449.36 | 511.44 | 572.13 |
| 77 | 379.11 | 454.93 | 570.30 | 534.10 | 586.12 | 501.68 | 570.30 | 633.43 |
| 78 | 422.86 | 507.43 | 629.11 | 589.79 | 642.84 | 553.99 | 629.11 | 694.73 |
| 79 | 466.61 | 559.93 | 687.95 | 645.45 | 699.55 | 606.29 | 687.95 | 756.02 |
| 80 | 510.34 | 612.41 | 746.80 | 701.15 | 756.29 | 658.59 | 746.80 | 817.32 |
| 81 | 557.00 | 668.40 | 814.68 | 764.89 | 822.47 | 718.47 | 814.68 | 888.84 |
| 82 | 603.65 | 724.38 | 882.58 | 828.65 | 888.65 | 778.33 | 882.58 | 960.35 |
| 83 | 650.31 | 780.37 | 950.47 | 892.38 | 954.82 | 838.21 | 950.47 | 1,031.87 |
| 84 | 696.97 | 836.36 | 1,018.37 | 956.12 | 1,021.00 | 898.07 | 1,018.37 | 1,103.39 |
| 85 | 743.63 | 892.36 | 1,086.26 | 1,019.87 | 1,087.17 | 957.96 | 1,086.26 | 1,174.92 |
| 86 | 828.20 | 993.84 | 1,203.94 | 1,130.34 | 1,210.07 | 1,061.73 | 1,203.94 | 1,307.73 |
| 87 | 912.77 | 1,095.32 | 1,321.62 | 1,240.84 | 1,332.98 | 1,165.52 | 1,321.62 | 1,440.54 |
| 88 | 997.34 | 1,196.81 | 1,439.30 | 1,351.31 | 1,455.86 | 1,269.29 | 1,439.30 | 1,573.35 |
| 89 | 1,081.91 | 1,298.29 | 1,556.99 | 1,461.80 | 1,578.77 | 1,373.07 | 1,556.99 | 1,706.17 |
| 90 | 1,166.48 | 1,399.78 | 1,674.66 | 1,572.28 | 1,701.67 | 1,476.85 | 1,674.66 | 1,838.98 |
| 91 | 1,275.85 | 1,531.02 | 1,850.05 | 1,736.95 | 1,867.10 | 1,631.51 | 1,850.05 | 2,017.76 |
| 92 | 1,385.22 | 1,662.26 | 2,025.43 | 1,901.61 | 2,032.56 | 1,786.18 | 2,025.43 | 2,196.57 |
| 93 | 1,494.55 | 1,793.46 | 2,200.83 | 2,066.29 | 2,197.99 | 1,940.85 | 2,200.83 | 2,375.33 |
| 94 | 1,603.92 | 1,924.70 | 2,376.19 | 2,230.95 | 2,363.43 | 2,095.52 | 2,376.19 | 2,554.14 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA

|  |  |  |  | Individual <br> $730 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | 1\% Compound BIO | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 52.44 | 62.93 | 102.82 | 106.28 | 117.84 | 128.27 | 134.18 | 138.53 |
| 26 | 53.39 | 64.07 | 104.20 | 107.40 | 118.49 | 129.25 | 135.39 | 139.91 |
| 27 | 54.34 | 65.21 | 105.60 | 108.52 | 119.15 | 130.22 | 136.63 | 141.32 |
| 28 | 55.27 | 66.32 | 106.98 | 109.63 | 119.80 | 131.21 | 137.85 | 142.70 |
| 29 | 56.22 | 67.46 | 108.36 | 110.76 | 120.46 | 132.18 | 139.07 | 144.11 |
| 30 | 57.16 | 68.59 | 109.75 | 111.88 | 121.11 | 133.17 | 140.29 | 145.49 |
| 31 | 58.11 | 69.73 | 111.14 | 112.71 | 121.70 | 134.12 | 141.49 | 146.88 |
| 32 | 59.04 | 70.85 | 112.53 | 113.56 | 122.29 | 135.07 | 142.69 | 148.27 |
| 33 | 59.99 | 71.99 | 113.89 | 114.41 | 122.89 | 136.04 | 143.90 | 149.65 |
| 34 | 60.92 | 73.10 | 115.28 | 115.26 | 123.48 | 136.99 | 145.09 | 151.04 |
| 35 | 61.87 | 74.24 | 116.67 | 116.10 | 124.07 | 137.94 | 146.30 | 152.43 |
| 36 | 62.57 | 75.08 | 117.81 | 116.67 | 125.86 | 139.38 | 147.70 | 154.10 |
| 37 | 63.25 | 75.90 | 118.93 | 117.23 | 127.66 | 140.83 | 149.08 | 155.79 |
| 38 | 63.94 | 76.73 | 120.07 | 117.78 | 129.44 | 142.24 | 150.49 | 157.46 |
| 39 | 64.62 | 77.54 | 121.19 | 118.36 | 131.25 | 143.69 | 151.87 | 159.14 |
| 40 | 65.32 | 78.38 | 122.33 | 118.93 | 133.04 | 145.13 | 153.28 | 160.82 |
| 41 | 65.49 | 78.59 | 122.50 | 119.03 | 133.82 | 145.44 | 153.47 | 161.24 |
| 42 | 65.68 | 78.82 | 122.66 | 119.15 | 134.59 | 145.74 | 153.66 | 161.66 |
| 43 | 65.85 | 79.02 | 122.86 | 119.25 | 135.37 | 146.04 | 153.87 | 162.09 |
| 44 | 66.04 | 79.25 | 123.02 | 119.36 | 136.15 | 146.34 | 154.06 | 162.51 |
| 45 | 66.22 | 79.46 | 123.19 | 119.48 | 136.93 | 146.66 | 154.25 | 162.93 |
| 46 | 66.87 | 80.24 | 123.45 | 119.68 | 138.15 | 147.09 | 154.91 | 163.84 |
| 47 | 67.53 | 81.04 | 123.70 | 119.88 | 139.36 | 147.55 | 155.56 | 164.76 |
| 48 | 68.18 | 81.82 | 123.94 | 120.08 | 140.56 | 147.98 | 156.22 | 165.68 |
| 49 | 68.84 | 82.61 | 124.19 | 120.27 | 141.78 | 148.43 | 156.87 | 166.60 |
| 50 | 69.49 | 83.39 | 124.43 | 120.49 | 142.99 | 148.88 | 157.53 | 167.51 |
| 51 | 69.98 | 83.98 | 124.65 | 121.16 | 145.67 | 150.14 | 159.55 | 170.07 |
| 52 | 70.47 | 84.56 | 124.88 | 121.85 | 148.34 | 151.42 | 161.56 | 172.63 |
| 53 | 70.94 | 85.13 | 125.08 | 122.53 | 151.04 | 152.71 | 163.59 | 175.20 |
| 54 | 71.43 | 85.72 | 125.31 | 123.22 | 153.72 | 153.99 | 165.61 | 177.76 |
| 55 | 71.92 | 86.30 | 125.51 | 123.90 | 156.39 | 155.26 | 167.62 | 180.32 |
| 56 | 77.01 | 92.41 | 135.59 | 132.83 | 161.09 | 157.79 | 171.13 | 185.06 |
| 57 | 82.08 | 98.50 | 145.67 | 141.75 | 165.78 | 160.29 | 174.63 | 189.78 |
| 58 | 87.17 | 104.60 | 155.73 | 150.66 | 170.46 | 162.81 | 178.14 | 194.51 |
| 59 | 92.24 | 110.69 | 165.82 | 159.59 | 175.14 | 165.32 | 181.63 | 199.24 |
| 60 | 97.33 | 116.80 | 175.88 | 168.51 | 179.83 | 167.85 | 185.14 | 203.97 |
| 61 | 106.52 | 127.82 | 189.22 | 179.96 | 196.24 | 178.12 | 196.62 | 221.61 |
| 62 | 115.70 | 138.84 | 202.55 | 191.43 | 212.65 | 188.40 | 208.09 | 239.26 |
| 63 | 124.90 | 149.88 | 215.86 | 202.89 | 229.05 | 198.69 | 219.58 | 256.88 |
| 64 | 134.08 | 160.90 | 229.19 | 214.35 | 245.47 | 208.97 | 231.05 | 274.52 |
| 65 | 143.27 | 171.92 | 242.53 | 225.81 | 261.88 | 219.24 | 242.53 | 292.17 |
| 66 | 163.25 | 195.90 | 271.03 | 252.36 | 289.39 | 244.20 | 271.03 | 321.45 |
| 67 | 183.20 | 219.84 | 299.55 | 278.92 | 316.91 | 269.15 | 299.55 | 350.73 |
| 68 | 203.17 | 243.80 | 328.06 | 305.48 | 344.45 | 294.08 | 328.06 | 380.00 |
| 69 | 223.13 | 267.76 | 356.59 | 332.05 | 371.97 | 319.03 | 356.59 | 409.29 |
| 70 | 243.10 | 291.72 | 385.10 | 358.60 | 399.48 | 344.00 | 385.10 | 438.57 |
| 71 | 277.80 | 333.36 | 437.40 | 407.66 | 454.64 | 388.64 | 437.40 | 496.80 |
| 72 | 312.49 | 374.99 | 489.69 | 456.71 | 509.79 | 433.30 | 489.69 | 555.05 |
| 73 | 347.21 | 416.65 | 541.98 | 505.79 | 564.96 | 477.94 | 541.98 | 613.27 |
| 74 | 381.90 | 458.28 | 594.28 | 554.84 | 620.11 | 522.59 | 594.28 | 671.52 |
| 75 | 416.60 | 499.92 | 646.59 | 603.90 | 675.26 | 567.24 | 646.59 | 729.76 |
| 76 | 479.09 | 574.91 | 730.65 | 683.45 | 756.30 | 641.95 | 730.65 | 817.32 |
| 77 | 541.58 | 649.90 | 814.70 | 762.99 | 837.33 | 716.68 | 814.70 | 904.89 |
| 78 | 604.08 | 724.90 | 898.74 | 842.54 | 918.35 | 791.40 | 898.74 | 992.47 |
| 79 | 666.57 | 799.88 | 982.79 | 922.08 | 999.38 | 866.13 | 982.79 | 1,080.03 |
| 80 | 729.06 | 874.87 | 1,066.86 | 1,001.64 | 1,080.42 | 940.84 | 1,066.86 | 1,167.60 |
| 81 | 795.72 | 954.86 | 1,163.85 | 1,092.70 | 1,174.96 | 1,026.39 | 1,163.85 | 1,269.78 |
| 82 | 862.36 | 1,034.83 | 1,260.84 | 1,183.77 | 1,269.49 | 1,111.90 | 1,260.84 | 1,371.94 |
| 83 | 929.02 | 1,114.82 | 1,357.83 | 1,274.82 | 1,364.03 | 1,197.44 | 1,357.83 | 1,474.11 |
| 84 | 995.67 | 1,194.80 | 1,454.82 | 1,365.88 | 1,458.58 | 1,282.95 | 1,454.82 | 1,576.27 |
| 85 | 1,062.33 | 1,274.80 | 1,551.81 | 1,456.94 | 1,553.12 | 1,368.50 | 1,551.81 | 1,678.44 |
| 86 | 1,183.15 | 1,419.78 | 1,719.92 | 1,614.78 | 1,728.67 | 1,516.74 | 1,719.92 | 1,868.16 |
| 87 | 1,303.96 | 1,564.75 | 1,888.03 | 1,772.61 | 1,904.24 | 1,665.01 | 1,888.03 | 2,057.91 |
| 88 | 1,424.78 | 1,709.74 | 2,056.14 | 1,930.44 | 2,079.81 | 1,813.27 | 2,056.14 | 2,247.63 |
| 89 | 1,545.59 | 1,854.71 | 2,224.25 | 2,088.28 | 2,255.38 | 1,961.53 | 2,224.25 | 2,437.38 |
| 90 | 1,666.41 | 1,999.69 | 2,392.38 | 2,246.12 | 2,430.95 | 2,109.77 | 2,392.38 | 2,627.10 |
| 91 | 1,822.64 | 2,187.17 | 2,642.93 | 2,481.35 | 2,667.30 | 2,330.73 | 2,642.93 | 2,882.53 |
| 92 | 1,978.87 | 2,374.64 | 2,893.47 | 2,716.59 | 2,903.65 | 2,551.69 | 2,893.47 | 3,137.94 |
| 93 | 2,135.09 | 2,562.11 | 3,144.02 | 2,951.82 | 3,139.97 | 2,772.64 | 3,144.02 | 3,393.34 |
| 94 | 2,291.32 | $2,749.58$ | 3,394.56 | 3,187.05 | 3,376.32 | 2,993.59 | 3,394.56 | 3,648.77 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA

|  |  |  |  | Individual <br> 1095 x Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound Bio | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound Bio | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 69.90 | 83.88 | 129.94 | 134.31 | 147.45 | 160.48 | 167.88 | 173.34 |
| 26 | 71.01 | 85.21 | 131.66 | 135.69 | 148.23 | 161.68 | 169.36 | 175.05 |
| 27 | 72.11 | 86.53 | 133.36 | 137.06 | 149.01 | 162.87 | 170.86 | 176.73 |
| 28 | 73.20 | 87.84 | 135.09 | 138.45 | 149.81 | 164.05 | 172.35 | 178.45 |
| 29 | 74.31 | 89.17 | 136.80 | 139.82 | 150.59 | 165.25 | 173.85 | 180.13 |
| 30 | 75.41 | 90.49 | 138.51 | 141.20 | 151.37 | 166.44 | 175.34 | 181.85 |
| 31 | 76.52 | 91.82 | 140.21 | 142.23 | 152.09 | 167.61 | 176.79 | 183.56 |
| 32 | 77.63 | 93.16 | 141.92 | 143.25 | 152.81 | 168.76 | 178.27 | 185.24 |
| 33 | 78.72 | 94.46 | 143.65 | 144.28 | 153.51 | 169.91 | 179.74 | 186.96 |
| 34 | 79.82 | 95.78 | 145.36 | 145.31 | 154.23 | 171.08 | 181.21 | 188.64 |
| 35 | 80.93 | 97.12 | 147.08 | 146.33 | 154.95 | 172.23 | 182.68 | 190.35 |
| 36 | 81.83 | 98.20 | 148.29 | 146.85 | 157.14 | 173.98 | 184.37 | 192.38 |
| 37 | 82.73 | 99.28 | 149.50 | 147.35 | 159.33 | 175.73 | 186.06 | 194.41 |
| 38 | 83.61 | 100.33 | 150.73 | 147.87 | 161.49 | 177.46 | 187.75 | 196.45 |
| 39 | 84.51 | 101.41 | 151.96 | 148.39 | 163.66 | 179.21 | 189.45 | 198.49 |
| 40 | 85.41 | 102.49 | 153.17 | 148.89 | 165.85 | 180.95 | 191.13 | 200.52 |
| 41 | 85.65 | 102.78 | 153.18 | 149.14 | 166.77 | 181.27 | 191.30 | 200.97 |
| 42 | 85.87 | 103.04 | 153.18 | 149.38 | 167.68 | 181.57 | 191.48 | 201.42 |
| 43 | 86.11 | 103.33 | 153.21 | 149.61 | 168.60 | 181.90 | 191.65 | 201.90 |
| 44 | 86.33 | 103.60 | 153.21 | 149.87 | 169.52 | 182.21 | 191.82 | 202.36 |
| 45 | 86.57 | 103.88 | 153.22 | 150.11 | 170.43 | 182.52 | 191.98 | 202.81 |
| 46 | 86.69 | 104.03 | 153.66 | 150.19 | 172.86 | 184.05 | 193.82 | 205.04 |
| 47 | 86.82 | 104.18 | 154.12 | 150.26 | 175.29 | 185.56 | 195.65 | 207.26 |
| 48 | 86.95 | 104.34 | 154.55 | 150.33 | 177.73 | 187.09 | 197.49 | 209.46 |
| 49 | 87.07 | 104.48 | 155.01 | 150.42 | 180.16 | 188.61 | 199.32 | 211.68 |
| 50 | 87.20 | 104.64 | 155.44 | 150.49 | 182.58 | 190.12 | 201.15 | 213.91 |
| 51 | 87.94 | 105.53 | 156.68 | 152.29 | 184.88 | 190.64 | 202.52 | 215.88 |
| 52 | 88.67 | 106.40 | 157.92 | 154.10 | 187.18 | 191.15 | 203.90 | 217.85 |
| 53 | 89.41 | 107.29 | 159.13 | 155.89 | 189.50 | 191.66 | 205.28 | 219.85 |
| 54 | 90.14 | 108.17 | 160.37 | 157.69 | 191.79 | 192.18 | 206.65 | 221.82 |
| 55 | 90.88 | 109.06 | 161.60 | 159.49 | 194.10 | 192.69 | 208.02 | 223.80 |
| 56 | 95.61 | 114.73 | 172.16 | 168.69 | 202.60 | 195.08 | 215.16 | 232.72 |
| 57 | 100.31 | 120.37 | 182.74 | 177.87 | 211.13 | 197.48 | 222.27 | 241.65 |
| 58 | 105.04 | 126.05 | 193.29 | 187.07 | 219.64 | 199.87 | 229.41 | 250.59 |
| 59 | 109.75 | 131.70 | 203.87 | 196.26 | 228.16 | 202.26 | 236.54 | 259.52 |
| 60 | 114.47 | 137.36 | 214.44 | 205.45 | 236.67 | 204.65 | 243.68 | 268.44 |
| 61 | 125.06 | 150.07 | 233.34 | 221.90 | 255.50 | 219.58 | 256.75 | 288.56 |
| 62 | 135.66 | 162.79 | 252.25 | 238.34 | 274.30 | 234.51 | 269.79 | 308.67 |
| 63 | 146.24 | 175.49 | 271.16 | 254.78 | 293.12 | 249.44 | 282.87 | 328.81 |
| 64 | 156.85 | 188.22 | 290.05 | 271.22 | 311.92 | 264.37 | 295.91 | 348.92 |
| 65 | 167.43 | 200.92 | 308.97 | 287.66 | 330.74 | 279.28 | 308.97 | 369.03 |
| 66 | 192.27 | 230.72 | 345.48 | 321.66 | 367.69 | 311.23 | 345.48 | 408.42 |
| 67 | 217.11 | 260.53 | 381.98 | 355.67 | 404.65 | 343.18 | 381.98 | 447.81 |
| 68 | 241.96 | 290.35 | 418.50 | 389.66 | 441.61 | 375.14 | 418.50 | 487.21 |
| 69 | 266.80 | 320.16 | 455.01 | 423.68 | 478.56 | 407.08 | 455.01 | 526.60 |
| 70 | 291.64 | 349.97 | 491.50 | 457.67 | 515.53 | 439.03 | 491.50 | 565.99 |
| 71 | 338.04 | 405.65 | 558.20 | 520.24 | 590.21 | 495.97 | 558.20 | 644.92 |
| 72 | 384.45 | 461.34 | 624.88 | 582.79 | 664.87 | 552.91 | 624.88 | 723.84 |
| 73 | 430.83 | 517.00 | 691.58 | 645.38 | 739.57 | 609.82 | 691.58 | 802.79 |
| 74 | 477.24 | 572.69 | 758.26 | 707.93 | 814.25 | 666.76 | 758.26 | 881.73 |
| 75 | 523.64 | 628.37 | 824.96 | 770.49 | 888.92 | 723.69 | 824.96 | 960.65 |
| 76 | 602.19 | 722.63 | 932.20 | 871.98 | 995.59 | 819.03 | 932.20 | 1,075.93 |
| 77 | 680.73 | 816.88 | 1,039.45 | 973.48 | 1,102.26 | 914.37 | 1,039.45 | 1,191.21 |
| 78 | 759.28 | 911.14 | 1,146.70 | 1,074.98 | 1,208.92 | 1,009.70 | 1,146.70 | 1,306.47 |
| 79 | 837.83 | 1,005.40 | 1,253.94 | 1,176.47 | 1,315.59 | 1,105.05 | 1,253.94 | 1,421.75 |
| 80 | 916.37 | 1,099.64 | 1,361.18 | 1,277.97 | 1,422.27 | 1,200.38 | 1,361.18 | 1,537.03 |
| 81 | 1,000.16 | 1,200.19 | 1,484.94 | 1,394.14 | 1,546.71 | 1,309.51 | 1,484.94 | 1,671.53 |
| 82 | 1,083.93 | 1,300.72 | 1,608.66 | 1,510.33 | 1,671.16 | 1,418.64 | 1,608.66 | 1,806.03 |
| 83 | 1,167.71 | 1,401.25 | 1,732.42 | 1,626.50 | 1,795.62 | 1,527.77 | 1,732.42 | 1,940.51 |
| 84 | 1,251.49 | 1,501.79 | 1,856.14 | 1,742.68 | 1,920.07 | 1,636.88 | 1,856.14 | 2,075.00 |
| 85 | 1,335.27 | 1,602.32 | 1,979.90 | 1,858.86 | 2,044.52 | 1,746.01 | 1,979.90 | 2,209.50 |
| 86 | 1,487.13 | 1,784.56 | 2,194.38 | 2,060.23 | 2,275.63 | 1,935.17 | 2,194.38 | 2,459.26 |
| 87 | 1,638.98 | 1,966.78 | 2,408.86 | 2,261.61 | 2,506.76 | 2,124.32 | 2,408.86 | 2,709.04 |
| 88 | 1,790.85 | 2,149.02 | 2,623.35 | 2,462.98 | 2,737.87 | 2,313.47 | 2,623.35 | 2,958.80 |
| 89 | 1,942.70 | 2,331.24 | 2,837.83 | 2,664.37 | 2,969.00 | 2,502.62 | 2,837.83 | 3,208.57 |
| 90 | 2,094.56 | 2,513.47 | 3,052.31 | 2,865.74 | 3,200.11 | 2,691.77 | 3,052.31 | 3,458.33 |
| 91 | 2,290.94 | 2,749.13 | 3,371.98 | 3,165.86 | 3,511.22 | 2,973.69 | 3,371.98 | 3,794.56 |
| 92 | 2,487.30 | 2,984.76 | 3,691.67 | 3,465.99 | 3,822.36 | 3,255.59 | 3,691.67 | 4,130.78 |
| 93 | 2,683.68 | 3,220.42 | 4,011.33 | 3,766.11 | 4,133.49 | 3,537.49 | 4,011.33 | 4,467.02 |
| 94 | 2,880.04 | 3,456.05 | 4,331.00 | 4,066.23 | 4,444.60 | 3,819.40 | 4,331.00 | 4,803.24 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA

|  |  |  |  | Individual |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $1460 \times$ Daily Maximum |  |  |  |  |
|  | No BIO | 1\% Compound BIO | 5\% Simple BIO | 3\% Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 76.20 | 91.44 | 143.03 | 147.85 | 164.54 | 179.09 | 187.37 | 193.43 |
| 26 | 77.18 | 92.62 | 145.12 | 149.56 | 165.59 | 180.61 | 189.22 | 195.54 |
| 27 | 78.15 | 93.78 | 147.18 | 151.27 | 166.63 | 182.13 | 191.07 | 197.62 |
| 28 | 79.13 | 94.96 | 149.28 | 152.99 | 167.65 | 183.63 | 192.92 | 199.74 |
| 29 | 80.09 | 96.11 | 151.34 | 154.71 | 168.70 | 185.14 | 194.77 | 201.83 |
| 30 | 81.07 | 97.28 | 153.44 | 156.42 | 169.75 | 186.67 | 196.62 | 203.93 |
| 31 | 82.03 | 98.44 | 155.53 | 157.74 | 170.72 | 188.15 | 198.46 | 206.02 |
| 32 | 83.01 | 99.61 | 157.59 | 159.06 | 171.67 | 189.62 | 200.30 | 208.13 |
| 33 | 83.98 | 100.78 | 159.69 | 160.38 | 172.63 | 191.09 | 202.13 | 210.22 |
| 34 | 84.96 | 101.95 | 161.75 | 161.69 | 173.58 | 192.56 | 203.97 | 212.32 |
| 35 | 85.92 | 103.10 | 163.84 | 163.03 | 174.55 | 194.04 | 205.81 | 214.41 |
| 36 | 86.96 | 104.35 | 165.29 | 163.69 | 176.81 | 195.78 | 207.49 | 216.47 |
| 37 | 88.01 | 105.61 | 166.74 | 164.35 | 179.07 | 197.51 | 209.16 | 218.51 |
| 38 | 89.03 | 106.84 | 168.18 | 165.00 | 181.33 | 199.26 | 210.81 | 220.57 |
| 39 | 90.08 | 108.10 | 169.65 | 165.66 | 183.59 | 200.99 | 212.48 | 222.62 |
| 40 | 91.12 | 109.34 | 171.09 | 166.33 | 185.85 | 202.74 | 214.15 | 224.67 |
| 41 | 91.45 | 109.74 | 171.21 | 166.37 | 186.68 | 202.89 | 214.34 | 224.95 |
| 42 | 91.77 | 110.12 | 171.31 | 166.38 | 187.52 | 203.04 | 214.53 | 225.24 |
| 43 | 92.10 | 110.52 | 171.42 | 166.43 | 188.34 | 203.21 | 214.71 | 225.54 |
| 44 | 92.41 | 110.89 | 171.51 | 166.44 | 189.17 | 203.37 | 214.91 | 225.83 |
| 45 | 92.75 | 111.30 | 171.62 | 166.48 | 190.01 | 203.51 | 215.10 | 226.11 |
| 46 | 92.89 | 111.47 | 172.07 | 166.84 | 193.52 | 206.03 | 217.81 | 229.53 |
| 47 | 93.05 | 111.66 | 172.50 | 167.20 | 197.04 | 208.57 | 220.53 | 232.94 |
| 48 | 93.19 | 111.83 | 172.96 | 167.58 | 200.53 | 211.10 | 223.25 | 236.35 |
| 49 | 93.35 | 112.02 | 173.39 | 167.94 | 204.05 | 213.62 | 225.96 | 239.75 |
| 50 | 93.49 | 112.19 | 173.83 | 168.30 | 207.56 | 216.14 | 228.68 | 243.16 |
| 51 | 94.44 | 113.33 | 174.83 | 169.94 | 209.27 | 216.47 | 229.27 | 244.37 |
| 52 | 95.38 | 114.46 | 175.84 | 171.59 | 210.96 | 216.77 | 229.83 | 245.56 |
| 53 | 96.35 | 115.62 | 176.83 | 173.22 | 212.67 | 217.09 | 230.42 | 246.73 |
| 54 | 97.30 | 116.76 | 177.84 | 174.88 | 214.35 | 217.39 | 231.00 | 247.94 |
| 55 | 98.24 | 117.89 | 178.85 | 176.51 | 216.07 | 217.72 | 231.59 | 249.13 |
| 56 | 104.36 | 125.23 | 192.01 | 188.09 | 225.64 | 220.87 | 239.62 | 259.18 |
| 57 | 110.49 | 132.59 | 205.17 | 199.68 | 235.21 | 224.03 | 247.65 | 269.22 |
| 58 | 116.60 | 139.92 | 218.34 | 211.24 | 244.80 | 227.18 | 255.70 | 279.28 |
| 59 | 122.73 | 147.28 | 231.51 | 222.83 | 254.38 | 230.33 | 263.73 | 289.33 |
| 60 | 128.85 | 154.62 | 244.67 | 234.41 | 263.95 | 233.49 | 271.77 | 299.38 |
| 61 | 139.04 | 166.85 | 264.32 | 251.37 | 284.87 | 248.77 | 285.99 | 321.75 |
| 62 | 149.23 | 179.08 | 283.96 | 268.35 | 305.79 | 264.08 | 300.22 | 344.13 |
| 63 | 159.41 | 191.29 | 303.61 | 285.31 | 326.72 | 279.37 | 314.47 | 366.48 |
| 64 | 169.60 | 203.52 | 323.25 | 302.29 | 347.62 | 294.67 | 328.69 | 388.86 |
| 65 | 179.79 | 215.75 | 342.91 | 319.25 | 368.55 | 309.96 | 342.91 | 411.23 |
| 66 | 208.64 | 250.37 | 385.19 | 358.64 | 412.31 | 346.99 | 385.19 | 457.96 |
| 67 | 237.51 | 285.01 | 427.48 | 398.03 | 456.09 | 384.05 | 427.48 | 504.68 |
| 68 | 266.36 | 319.63 | 469.75 | 437.42 | 499.84 | 421.08 | 469.75 | 551.42 |
| 69 | 295.22 | 354.26 | 512.05 | 476.80 | 543.62 | 458.13 | 512.05 | 598.14 |
| 70 | 324.07 | 388.88 | 554.33 | 516.19 | 587.37 | 495.16 | 554.33 | 644.87 |
| 71 | 376.51 | 451.81 | 631.36 | 588.44 | 668.76 | 560.95 | 631.36 | 730.82 |
| 72 | 428.95 | 514.74 | 708.39 | 660.68 | 750.13 | 626.76 | 708.39 | 816.73 |
| 73 | 481.39 | 577.67 | 785.40 | 732.92 | 831.53 | 692.54 | 785.40 | 902.67 |
| 74 | 533.83 | 640.60 | 862.42 | 805.17 | 912.91 | 758.35 | 862.42 | 988.58 |
| 75 | 586.27 | 703.52 | 939.46 | 877.41 | 994.28 | 824.14 | 939.46 | 1,074.53 |
| 76 | 680.36 | 816.43 | 1,074.00 | 1,004.63 | 1,129.51 | 943.65 | 1,074.00 | 1,220.67 |
| 77 | 774.47 | 929.36 | 1,208.53 | 1,131.88 | 1,264.73 | 1,063.17 | 1,208.53 | 1,366.78 |
| 78 | 868.56 | 1,042.27 | 1,343.04 | 1,259.11 | 1,399.95 | 1,182.66 | 1,343.04 | 1,512.93 |
| 79 | 962.66 | 1,155.19 | 1,477.58 | 1,386.35 | 1,535.17 | 1,302.17 | 1,477.58 | 1,659.05 |
| 80 | 1,056.75 | 1,268.10 | 1,612.12 | 1,513.57 | 1,670.38 | 1,421.69 | 1,612.12 | 1,805.19 |
| 81 | 1,153.37 | 1,384.04 | 1,758.68 | 1.651.16 | 1,816.55 | 1,550.93 | 1,758.68 | 1,963.14 |
| 82 | 1,249.99 | 1,499.99 | 1,905.24 | 1,788.76 | 1,962.72 | 1,680.17 | 1,905.24 | 2,121.10 |
| 83 | 1,346.62 | 1,615.94 | 2,051.78 | 1,926.36 | 2,108.88 | 1,809.43 | 2,051.78 | 2,279.06 |
| 84 | 1,443.24 | 1,731.89 | 2,198.34 | 2,063.95 | 2,255.06 | 1,938.66 | 2,198.34 | 2,437.02 |
| 85 | 1,539.85 | 1,847.82 | 2,344.90 | 2,201.55 | 2,401.22 | 2,067.90 | 2,344.90 | 2,594.97 |
| 86 | 1,714.96 | 2,057.95 | 2,598.93 | 2,440.04 | 2,672.67 | 2,291.93 | 2,598.93 | 2,888.32 |
| 87 | 1,890.09 | 2,268.11 | 2,852.96 | 2,678.54 | 2,944.09 | 2,515.95 | 2,852.96 | 3,181.66 |
| 88 | 2,065.20 | 2,478.24 | 3,106.99 | 2,917.05 | 3,215.54 | 2,739.96 | 3,106.99 | 3.475.01 |
| 89 | 2,240.33 | 2,688.40 | 3,361.02 | 3,155.55 | 3,486.97 | 2,963.98 | 3,361.02 | 3,768.35 |
| 90 | 2,415.44 | 2,898.53 | 3,615.05 | 3,394.05 | 3,758.41 | 3,188.00 | 3,615.05 | 4,061.69 |
| 91 | 2,641.89 | 3,170.27 | 3,993.65 | 3,749.51 | 4,123.82 | 3,521.90 | 3,993.65 | 4,456.58 |
| 92 | 2,868.35 | 3,442.02 | 4,372.26 | 4,104.97 | 4,489.23 | 3,855.79 | 4,372.26 | 4,851.48 |
| 93 | 3,094.79 | 3,713.75 | 4,750.86 | 4,460.44 | 4,854.64 | 4,189.66 | 4,750.86 | 5,246.36 |
| 94 | 3,321.24 | 3,985.49 | 5,129.46 | 4,815.91 | 5,220.03 | 4,523.55 | 5,129.46 | 5,641.25 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA


Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA
Annual Premium per $\$ 10$ Daily Benefit

|  |  |  |  | Individual <br> 2190 x Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound BıO | 5\% Simple BıO | $3 \%$ Compound BIO | 4\% Compound BıO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BıO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 97.38 | 116.86 | 178.77 | 178.98 | 199.21 | 216.77 | 226.82 | 234.15 |
| 26 | 97.68 | 117.22 | 181.37 | 181.33 | 200.76 | 218.96 | 229.41 | 237.06 |
| 27 | 97.99 | 117.59 | 183.97 | 183.67 | 202.32 | 221.12 | 232.02 | 239.96 |
| 28 | 98.29 | 117.95 | 186.60 | 186.02 | 203.90 | 223.31 | 234.64 | 242.86 |
| 29 | 98.61 | 118.33 | 189.19 | 188.35 | 205.45 | 225.47 | 237.24 | 245.77 |
| 30 | 98.91 | 118.69 | 191.79 | 190.71 | 207.01 | 227.65 | 239.85 | 248.68 |
| 31 | 100.41 | 120.49 | 194.15 | 192.34 | 208.45 | 229.76 | 242.40 | 251.57 |
| 32 | 101.89 | 122.27 | 196.50 | 193.98 | 209.89 | 231.85 | 244.96 | 254.46 |
| 33 | 103.40 | 124.08 | 198.86 | 195.64 | 211.34 | 233.96 | 247.50 | 257.36 |
| 34 | 104.88 | 125.86 | 201.21 | 197.26 | 212.78 | 236.05 | 250.06 | 260.26 |
| 35 | 106.38 | 127.66 | 203.57 | 198.89 | 214.22 | 238.15 | 252.61 | 263.14 |
| 36 | 107.30 | 128.76 | 205.45 | 199.87 | 217.25 | 240.21 | 254.94 | 265.95 |
| 37 | 108.20 | 129.84 | 207.35 | 200.84 | 220.27 | 242.24 | 257.28 | 268.79 |
| 38 | 109.11 | 130.93 | 209.23 | 201.83 | 223.31 | 244.29 | 259.62 | 271.60 |
| 39 | 110.02 | 132.02 | 211.13 | 202.79 | 226.32 | 246.33 | 261.95 | 274.43 |
| 40 | 110.93 | 133.12 | 213.01 | 203.76 | 229.34 | 248.37 | 264.28 | 277.24 |
| 41 | 111.36 | 133.63 | 213.45 | 203.80 | 230.18 | 248.96 | 264.40 | 277.37 |
| 42 | 111.79 | 134.15 | 213.91 | 203.84 | 231.01 | 249.55 | 264.50 | 277.51 |
| 43 | 112.20 | 134.64 | 214.34 | 203.86 | 231.87 | 250.16 | 264.61 | 277.66 |
| 44 | 112.62 | 135.14 | 214.80 | 203.90 | 232.71 | 250.75 | 264.70 | 277.79 |
| 45 | 113.05 | 135.66 | 215.23 | 203.93 | 233.54 | 251.34 | 264.82 | 277.93 |
| 46 | 113.08 | 135.70 | 215.65 | 204.54 | 235.40 | 252.07 | 265.37 | 279.24 |
| 47 | 113.11 | 135.73 | 216.05 | 205.17 | 237.26 | 252.82 | 265.91 | 280.55 |
| 48 | 113.14 | 135.77 | 216.47 | 205.77 | 239.10 | 253.56 | 266.45 | 281.86 |
| 49 | 113.18 | 135.82 | 216.86 | 206.40 | 240.96 | 254.30 | 266.99 | 283.17 |
| 50 | 113.21 | 135.85 | 217.29 | 207.01 | 242.83 | 255.04 | 267.53 | 284.48 |
| 51 | 113.76 | 136.51 | 219.18 | 207.98 | 245.20 | 255.63 | 268.62 | 286.30 |
| 52 | 114.30 | 137.16 | 221.10 | 208.93 | 247.55 | 256.22 | 269.70 | 288.14 |
| 53 | 114.85 | 137.82 | 223.00 | 209.89 | 249.93 | 256.82 | 270.80 | 289.96 |
| 54 | 115.39 | 138.47 | 224.92 | 210.84 | 252.29 | 257.41 | 271.88 | 291.81 |
| 55 | 115.94 | 139.13 | 226.82 | 211.82 | 254.66 | 258.00 | 272.96 | 293.62 |
| 56 | 123.40 | 148.08 | 242.20 | 227.73 | 269.34 | 264.44 | 285.93 | 309.31 |
| 57 | 130.86 | 157.03 | 257.59 | 243.65 | 284.00 | 270.88 | 298.89 | 325.02 |
| 58 | 138.33 | 166.00 | 272.95 | 259.54 | 298.68 | 277.34 | 311.86 | 340.71 |
| 59 | 145.79 | 174.95 | 288.34 | 275.45 | 313.34 | 283.77 | 324.82 | 356.42 |
| 60 | 153.24 | 183.89 | 303.71 | 291.36 | 328.03 | 290.21 | 337.79 | 372.10 |
| 61 | 166.85 | 200.22 | 324.24 | 313.93 | 355.76 | 310.64 | 351.50 | 401.80 |
| 62 | 180.45 | 216.54 | 344.77 | 336.49 | 383.47 | 331.08 | 365.23 | 431.51 |
| 63 | 194.06 | 232.87 | 365.32 | 359.04 | 411.19 | 351.54 | 378.94 | 461.20 |
| 64 | 207.66 | 249.19 | 385.85 | 381.60 | 438.91 | 371.97 | 392.67 | 490.90 |
| 65 | 221.26 | 265.51 | 406.38 | 404.16 | 466.64 | 392.40 | 406.38 | 520.60 |
| 66 | 257.08 | 308.50 | 459.54 | 451.83 | 519.55 | 437.19 | 459.54 | 577.02 |
| 67 | 292.90 | 351.48 | 512.70 | 499.50 | 572.44 | 481.99 | 512.70 | 633.44 |
| 68 | 328.70 | 394.44 | 565.84 | 547.19 | 625.35 | 526.76 | 565.84 | 689.85 |
| 69 | 364.52 | 437.42 | 618.99 | 594.86 | 678.25 | 571.58 | 618.99 | 746.27 |
| 70 | 400.34 | 480.41 | 672.15 | 642.53 | 731.15 | 616.35 | 672.15 | 802.70 |
| 71 | 461.90 | 554.28 | 769.92 | 727.86 | 827.24 | 693.94 | 769.92 | 904.02 |
| 72 | 523.45 | 628.14 | 867.71 | 813.17 | 923.32 | 771.52 | 867.71 | 1,005.34 |
| 73 | 585.00 | 702.00 | 965.47 | 898.50 | 1,019.38 | 849.08 | 965.47 | 1,106.65 |
| 74 | 646.55 | 775.86 | 1,063.27 | 983.80 | 1,115.46 | 926.66 | 1,063.27 | 1,207.96 |
| 75 | 708.11 | 849.73 | 1,161.04 | 1,069.13 | 1,211.53 | 1,004.23 | 1,161.04 | 1,309.28 |
| 76 | 809.54 | 971.45 | 1,310.67 | 1,207.97 | 1,358.43 | 1,134.65 | 1,310.67 | 1,468.03 |
| 77 | 910.96 | 1,093.15 | 1,460.30 | 1,346.80 | 1,505.34 | 1,265.04 | 1,460.30 | 1,626.79 |
| 78 | 1,012.40 | 1,214.88 | 1,609.92 | 1,485.66 | 1,652.21 | 1,395.46 | 1,609.92 | 1,785.55 |
| 79 | 1,113.82 | 1,336.58 | 1,759.55 | 1,624.48 | 1,799.12 | 1,525.87 | 1,759.55 | 1,944.31 |
| 80 | 1,215.26 | 1,458.31 | 1,909.18 | 1,763.33 | 1,946.01 | 1,656.27 | 1,909.18 | 2,103.06 |
| 81 | 1,326.63 | 1,591.96 | 2,083.72 | 1,924.47 | 2,117.23 | 1,807.66 | 2,083.72 | 2,288.09 |
| 82 | 1,438.01 | 1,725.61 | 2,258.26 | 2,085.64 | 2,288.45 | 1,959.04 | 2,258.26 | 2,473.13 |
| 83 | 1,549.40 | 1,859.28 | 2,432.80 | 2,246.78 | 2,459.66 | 2,110.40 | 2,432.80 | 2,658.14 |
| 84 | 1,660.77 | 1,992.92 | 2,607.34 | 2,407.94 | 2,630.89 | 2,261.79 | 2,607.34 | 2,843.17 |
| 85 | 1,772.14 | 2,126.57 | 2,781.87 | 2,569.09 | 2,802.10 | 2,413.17 | 2,781.87 | 3,028.21 |
| 86 | 1,974.18 | 2,369.02 | 3,082.89 | 2,846.71 | 3,118.08 | 2,673.92 | 3,082.89 | 3,369.70 |
| 87 | 2,176.23 | 2,611.48 | 3,383.91 | 3,124.35 | 3,434.08 | 2,934.70 | 3,383.91 | 3,711.19 |
| 88 | 2,378.26 | 2,853.91 | 3,684.90 | 3,401.96 | 3,750.06 | 3,195.44 | 3,684.90 | 4,052.68 |
| 89 | 2,580.31 | 3,096.37 | 3,985.92 | 3,679.60 | 4,066.07 | 3,456.22 | 3,985.92 | 4,394.16 |
| 90 | 2,782.35 | 3,338.82 | 4,286.93 | 3,957.22 | 4,382.05 | 3,716.98 | 4,286.93 | 4,735.65 |
| 91 | 3,042.73 | 3,651.28 | 4,736.17 | 4,371.93 | 4,808.37 | 4,106.50 | 4,736.17 | 5,196.37 |
| 92 | 3,303.13 | 3,963.76 | 5,185.40 | 4,786.63 | 5,234.70 | 4,496.03 | 5,185.40 | 5,657.08 |
| 93 | 3,563.52 | 4,276.22 | 5,634.64 | 5,201.31 | 5,661.00 | 4,885.55 | 5,634.64 | 6,117.78 |
| 94 | 3,823.90 | 4,588.68 | 6,083.86 | 5,616.01 | 6,087.32 | 5,275.07 | 6,083.86 | 6,578.50 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 Co - Joint Policies Subject to Original Couples Discount

Form: 7052VA
Annual Premium per \$10 Daily Benefit

|  |  |  |  | Individual <br> 2920 x Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | 1\% Compound BIO | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 104.03 | 124.84 | 195.45 | 198.33 | 216.30 | 235.34 | 246.23 | 254.22 |
| 26 | 105.12 | 126.14 | 198.29 | 200.42 | 217.62 | 237.32 | 248.63 | 256.95 |
| 27 | 106.22 | 127.46 | 201.12 | 202.52 | 218.97 | 239.29 | 251.07 | 259.69 |
| 28 | 107.31 | 128.77 | 203.97 | 204.62 | 220.30 | 241.25 | 253.48 | 262.41 |
| 29 | 108.42 | 130.10 | 206.80 | 206.72 | 221.65 | 243.22 | 255.92 | 265.14 |
| 30 | 109.51 | 131.41 | 209.65 | 208.81 | 222.98 | 245.20 | 258.32 | 267.88 |
| 31 | 110.82 | 132.98 | 211.91 | 210.65 | 224.62 | 247.55 | 261.16 | 271.09 |
| 32 | 112.15 | 134.58 | 214.17 | 212.50 | 226.25 | 249.90 | 264.01 | 274.30 |
| 33 | 113.46 | 136.15 | 216.44 | 214.34 | 227.86 | 252.25 | 266.83 | 277.51 |
| 34 | 114.79 | 137.75 | 218.70 | 216.18 | 229.50 | 254.58 | 269.68 | 280.72 |
| 35 | 116.10 | 139.32 | 220.96 | 218.02 | 231.13 | 256.94 | 272.51 | 283.92 |
| 36 | 116.92 | 140.30 | 222.60 | 218.84 | 234.34 | 259.01 | 274.96 | 286.91 |
| 37 | 117.74 | 141.29 | 224.26 | 219.64 | 237.55 | 261.06 | 277.43 | 289.87 |
| 38 | 118.56 | 142.27 | 225.89 | 220.46 | 240.74 | 263.13 | 279.87 | 292.86 |
| 39 | 119.38 | 143.26 | 227.54 | 221.25 | 243.95 | 265.19 | 282.35 | 295.81 |
| 40 | 120.21 | 144.25 | 229.17 | 222.07 | 247.16 | 267.25 | 284.80 | 298.79 |
| 41 | 120.63 | 144.76 | 229.47 | 222.26 | 248.09 | 267.85 | 285.04 | 298.96 |
| 42 | 121.06 | 145.27 | 229.77 | 222.47 | 249.02 | 268.47 | 285.31 | 299.14 |
| 43 | 121.47 | 145.76 | 230.06 | 222.66 | 249.94 | 269.09 | 285.56 | 299.32 |
| 44 | 121.90 | 146.28 | 230.36 | 222.86 | 250.88 | 269.70 | 285.82 | 299.50 |
| 45 | 122.32 | 146.78 | 230.68 | 223.06 | 251.81 | 270.31 | 286.08 | 299.67 |
| 46 | 122.48 | 146.98 | 231.26 | 223.54 | 253.65 | 270.83 | 286.38 | 300.91 |
| 47 | 122.64 | 147.17 | 231.83 | 224.00 | 255.51 | 271.38 | 286.70 | 302.13 |
| 48 | 122.80 | 147.36 | 232.42 | 224.49 | 257.36 | 271.88 | 287.00 | 303.37 |
| 49 | 122.96 | 147.55 | 232.98 | 224.95 | 259.21 | 272.42 | 287.33 | 304.61 |
| 50 | 123.11 | 147.73 | 233.57 | 225.44 | 261.06 | 272.95 | 287.63 | 305.84 |
| 51 | 123.60 | 148.32 | 236.88 | 228.45 | 263.24 | 273.73 | 288.41 | 307.38 |
| 52 | 124.11 | 148.93 | 240.18 | 231.47 | 265.43 | 274.50 | 289.19 | 308.94 |
| 53 | 124.60 | 149.52 | 243.49 | 234.49 | 267.59 | 275.31 | 289.96 | 310.48 |
| 54 | 125.10 | 150.12 | 246.79 | 237.50 | 269.78 | 276.08 | 290.74 | 312.03 |
| 55 | 125.59 | 150.71 | 250.10 | 240.53 | 271.96 | 276.86 | 291.52 | 313.57 |
| 56 | 133.56 | 160.27 | 267.31 | 256.61 | 287.95 | 285.43 | 305.69 | 330.68 |
| 57 | 141.52 | 169.82 | 284.51 | 272.69 | 303.94 | 293.97 | 319.85 | 347.81 |
| 58 | 149.48 | 179.38 | 301.74 | 288.77 | 319.91 | 302.53 | 334.00 | 364.93 |
| 59 | 157.45 | 188.94 | 318.95 | 304.84 | 335.90 | 311.08 | 348.17 | 382.06 |
| 60 | 165.41 | 198.49 | 336.15 | 320.92 | 351.90 | 319.65 | 362.34 | 399.16 |
| 61 | 180.58 | 216.70 | 358.35 | 342.67 | 381.89 | 339.16 | 379.30 | 431.31 |
| 62 | 195.75 | 234.90 | 380.55 | 364.41 | 411.87 | 358.65 | 396.26 | 463.47 |
| 63 | 210.93 | 253.12 | 402.75 | 386.18 | 441.86 | 378.16 | 413.24 | 495.61 |
| 64 | 226.10 | 271.32 | 424.96 | 407.92 | 471.85 | 397.67 | 430.20 | 527.76 |
| 65 | 241.27 | 289.52 | 447.16 | 429.67 | 501.84 | 417.17 | 447.16 | 559.92 |
| 66 | 279.69 | 335.63 | 504.61 | 482.33 | 559.92 | 466.68 | 504.61 | 621.88 |
| 67 | 318.12 | 381.74 | 562.06 | 534.97 | 617.98 | 516.19 | 562.06 | 683.85 |
| 68 | 356.54 | 427.85 | 619.52 | 587.63 | 676.08 | 565.70 | 619.52 | 745.84 |
| 69 | 394.97 | 473.96 | 676.98 | 640.28 | 734.16 | 615.22 | 676.98 | 807.80 |
| 70 | 433.39 | 520.07 | 734.42 | 692.94 | 792.24 | 664.73 | 734.42 | 869.78 |
| 71 | 498.82 | 598.58 | 841.08 | 789.95 | 896.66 | 753.09 | 841.08 | 979.71 |
| 72 | 564.25 | 677.10 | 947.72 | 886.98 | 1,001.06 | 841.44 | 947.72 | 1,089.69 |
| 73 | 629.69 | 755.63 | 1,054.37 | 983.99 | 1,105.48 | 929.81 | 1,054.37 | 1,199.62 |
| 74 | 695.12 | 834.14 | 1,161.01 | 1,081.02 | 1,209.90 | 1,018.15 | 1,161.01 | 1,309.58 |
| 75 | 760.55 | 912.66 | 1,267.67 | 1,178.03 | 1,314.31 | 1,106.53 | 1,267.67 | 1,419.53 |
| 76 | 871.89 | 1,046.27 | 1,432.40 | 1,332.22 | 1,472.77 | 1,251.35 | 1,432.40 | 1,590.70 |
| 77 | 983.23 | 1,179.88 | 1,597.16 | 1,486.43 | 1,631.27 | 1,396.21 | 1,597.16 | 1,761.87 |
| 78 | 1,094.56 | 1,313.47 | 1,761.89 | 1,640.62 | 1,789.73 | 1,541.04 | 1,761.89 | 1,933.04 |
| 79 | 1,205.90 | 1,447.08 | 1,926.64 | 1,794.84 | 1,948.21 | 1,685.89 | 1,926.64 | 2,104.21 |
| 80 | 1,317.25 | 1,580.70 | 2,091.37 | 1,949.03 | 2,106.69 | 1,830.72 | 2,091.37 | 2,275.39 |
| 81 | 1,437.66 | 1,725.19 | 2,281.59 | 2,126.64 | 2,291.49 | 1,997.53 | 2,281.59 | 2,474.99 |
| 82 | 1,558.09 | 1,869.71 | 2,471.82 | 2,304.23 | 2,476.30 | 2,164.36 | 2,471.82 | 2,674.57 |
| 83 | 1,678.50 | 2,014.20 | 2,662.01 | 2,481.84 | 2,661.08 | 2,331.19 | 2,662.01 | 2,874.17 |
| 84 | 1,798.92 | 2,158.70 | 2,852.24 | 2,659.44 | 2,845.89 | 2,498.02 | 2,852.24 | 3,073.75 |
| 85 | 1,919.34 | 2,303.21 | 3,042.45 | 2,837.04 | 3,030.70 | 2,664.85 | 3,042.45 | 3,273.36 |
| 86 | 2,138.45 | 2,566.14 | 3,372.52 | 3,143.77 | 3,372.91 | 2,952.94 | 3,372.52 | 3,642.66 |
| 87 | 2,357.57 | 2,829.08 | 3,702.60 | 3,450.51 | 3,715.14 | 3,241.05 | 3,702.60 | 4,011.95 |
| 88 | 2,576.68 | 3,092.02 | 4,032.66 | 3,757.24 | 4,057.35 | 3,529.16 | 4,032.66 | 4,381.27 |
| 89 | 2,795.79 | 3,354.95 | 4,362.73 | 4,063.97 | 4,399.57 | 3,817.25 | 4,362.73 | 4,750.56 |
| 90 | 3,014.91 | 3,617.89 | 4,692.80 | 4,370.71 | 4,741.78 | 4,105.36 | 4,692.80 | 5,119.87 |
| 91 | 3,297.05 | 3,956.46 | 5,183.70 | 4,828.45 | 5,202.94 | 4,535.33 | 5,183.70 | 5,617.64 |
| 92 | 3,579.19 | 4,295.03 | 5,674.62 | 5,286.20 | 5,664.09 | 4,965.28 | 5,674.62 | 6,115.43 |
| 93 | 3,861.31 | 4,633.57 | 6,165.51 | 5,743.94 | 6,125.22 | 5,395.25 | 6,165.51 | 6,613.20 |
| 94 | 4,143.46 | 4,972.15 | 6,656.40 | 6,201.67 | 6,586.38 | 5,825.20 | 6,656.40 | 7,110.97 |

Proposed Rate Schedule
\% Low BIO Rate Increase - $20.2 \%$ High BIO Increase to Current-YearPremiums Flex 1 CO - Joint Policies Subject to Original Couples Discount

Form: 7052VA

|  |  |  |  | Individual |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $3650 \times$ Daily Maximum |  |  |  |  |
|  | No BIO | 1\% Compound BIO | 5\% Simple BIO | 3\% Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 110.68 | 132.82 | 212.12 | 217.68 | 233.40 | 253.92 | 265.63 | 274.30 |
| 26 | 112.56 | 135.07 | 215.19 | 219.52 | 234.52 | 255.69 | 267.88 | 276.84 |
| 27 | 114.46 | 137.35 | 218.27 | 221.38 | 235.63 | 257.44 | 27.10 | 279.40 |
| 28 | 116.34 | 139.61 | 221.35 | 223.22 | 236.75 | 259.21 | 272.34 | 281.95 |
| 29 | 118.23 | 141.88 | 224.43 | 225.09 | 237.85 | 260.98 | 274.56 | 284.51 |
| 30 | 120.11 | 144.13 | 227.50 | 226.93 | 238.97 | 262.75 | 276.81 | 287.06 |
| 31 | 121.25 | 145.50 | 229.67 | 228.98 | 240.77 | 265.35 | 279.92 | 290.60 |
| 32 | 122.39 | 146.87 | 231.83 | 231.04 | 242.58 | 267.94 | 283.05 | 294.12 |
| 33 | 123.52 | 148.22 | 234.02 | 233.07 | 244.40 | 270.53 | 286.16 | 297.65 |
| 34 | 124.66 | 149.59 | 236.18 | 235.11 | 246.21 | 273.12 | 289.30 | 301.19 |
| 35 | 125.80 | 150.96 | 238.34 | 237.17 | 248.01 | 275.71 | 292.41 | 304.72 |
| 36 | 126.54 | 151.85 | 239.75 | 237.82 | 251.41 | 277.81 | 294.99 | 307.83 |
| 37 | 127.27 | 152.72 | 241.16 | 238.45 | 254.79 | 279.90 | 297.58 | 310.97 |
| 38 | 128.01 | 153.61 | 242.54 | 239.09 | 258.19 | 281.97 | 300.14 | 314.08 |
| 39 | 128.74 | 154.49 | 243.95 | 239.73 | 261.57 | 284.06 | 302.72 | 317.22 |
| 40 | 129.48 | 155.38 | 245.35 | 240.38 | 264.97 | 286.15 | 305.31 | 320.33 |
| 41 | 129.91 | 155.89 | 245.51 | 240.74 | 265.99 | 286.77 | 305.70 | 320.54 |
| 42 | 130.33 | 156.40 | 245.65 | 241.10 | 267.02 | 287.40 | 306.10 | 320.77 |
| 43 | 130.76 | 156.91 | 245.83 | 241.46 | 268.03 | 288.05 | 306.52 | 320.98 |
| 44 | 131.19 | 157.43 | 245.98 | 241.82 | 269.06 | 288.67 | 306.92 | 321.21 |
| 45 | 131.61 | 157.93 | 246.13 | 242.18 | 270.08 | 289.30 | 307.33 | 321.41 |
| 46 | 131.90 | 158.28 | 246.87 | 24.53 | 271.92 | 289.60 | 307.40 | 322.57 |
| 47 | 132.18 | 158.62 | 247.64 | 242.84 | 273.77 | 289.92 | 307.47 | 323.73 |
| 48 | 132.45 | 158.94 | 248.37 | 243.19 | 275.61 | 290.23 | 307.57 | 324.91 |
| 49 | 132.74 | 159.29 | 249.13 | 243.51 | 277.45 | 290.55 | 307.64 | 326.07 |
| 50 | 133.02 | 159.62 | 249.87 | 243.85 | 279.28 | 290.86 | 307.72 | 327.22 |
| 51 | 133.46 | 160.15 | 254.58 | 248.95 | 281.28 | 291.82 | 308.19 | 328.48 |
| 52 | 133.92 | 160.70 | 259.30 | 254.02 | 283.28 | 292.81 | 308.67 | 329.73 |
| 53 | 134.36 | 161.23 | 263.98 | 259.10 | 285.29 | 293.78 | 309.13 | 331.01 |
| 54 | 134.82 | 161.78 | 268.70 | 264.18 | 287.29 | 294.77 | 309.60 | 332.26 |
| 55 | 135.26 | 162.31 | 273.41 | 269.26 | 289.29 | 295.74 | 310.08 | 333.51 |
| 56 | 143.73 | 172.48 | 292.43 | 285.50 | 306.58 | 306.41 | 325.44 | 352.04 |
| 57 | 152.20 | 182.64 | 311.46 | 301.76 | 323.88 | 317.09 | 340.80 | 370.60 |
| 58 | 160.65 | 192.78 | 330.51 | 318.00 | 341.16 | 327.74 | 356.19 | 389.14 |
| 59 | 169.12 | 202.94 | 349.54 | 334.25 | 358.47 | 338.41 | 371.55 | 407.69 |
| 60 | 177.59 | 213.11 | 368.57 | 350.49 | 375.77 | 349.08 | 386.91 | 426.23 |
| 61 | 194.32 | 233.18 | 392.44 | 371.42 | 408.02 | 367.66 | 407.12 | 460.83 |
| 62 | 211.06 | 253.27 | 416.31 | 392.37 | 440.28 | 386.23 | 427.31 | 495.42 |
| 63 | 227.79 | 273.35 | 440.17 | 413.30 | 472.53 | 404.79 | 447.52 | 530.02 |
| 64 | 244.52 | 293.42 | 464.04 | 434.25 | 504.79 | 423.36 | 467.71 | 564.60 |
| 65 | 261.25 | 313.50 | 487.92 | 455.17 | 537.04 | 441.94 | 487.92 | 599.21 |
| 66 | 302.30 | 362.76 | 549.67 | 512.81 | 600.30 | 496.17 | 549.67 | 666.74 |
| 67 | 343.33 | 412.00 | 611.43 | 570.45 | 663.55 | 550.40 | 611.43 | 734.28 |
| 68 | 384.38 | 461.26 | 673.18 | 628.11 | 726.81 | 604.63 | 673.18 | 801.78 |
| 69 | 425.42 | 510.50 | 734.94 | 685.75 | 790.05 | 658.85 | 734.94 | 869.32 |
| 70 | 466.46 | 559.75 | 796.70 | 743.39 | 853.31 | 713.10 | 796.70 | 936.85 |
| 71 | 535.78 | 642.94 | 912.22 | 852.10 | 966.06 | 812.23 | 912.22 | 1,055.44 |
| 72 | 605.08 | 726.10 | 1,027.75 | 960.81 | 1,078.82 | 911.39 | 1,027.75 | 1,174.02 |
| 73 | 674.39 | 809.27 | 1,143.26 | 1,069.53 | 1,191.59 | 1,010.52 | 1,143.26 | 1,292.58 |
| 74 | 743.69 | 892.43 | 1,258.78 | 1,178.24 | 1,304.34 | 1,109.67 | 1,258.78 | 1,411.17 |
| 75 | 813.00 | 975.60 | 1,374.31 | 1,286.95 | 1,417.10 | 1,208.82 | 1,374.31 | 1,529.75 |
| 76 | 934.25 | 1,121.10 | 1,554.16 | 1,456.50 | 1,587.14 | 1,368.08 | 1,554.16 | 1,713.34 |
| 77 | 1,055.49 | 1,266.59 | 1,734.01 | 1,626.07 | 1,757.20 | 1,527.36 | 1,734.01 | 1,896.94 |
| 78 | 1,176.74 | 1,412.09 | 1,913.86 | 1,795.62 | 1,927.25 | 1,686.62 | 1,913.86 | 2,080.55 |
| 79 | 1,297.97 | 1,557.56 | 2,093.72 | 1,965.17 | 2,097.30 | 1,845.91 | 2,093.72 | 2,264.14 |
| 80 | 1,419.22 | 1,703.06 | 2,273.56 | 2,134.73 | 2,267.34 | 2,005.18 | 2,273.56 | 2,447.73 |
| 81 | 1,548.68 | 1,858.42 | 2,479.45 | 2,328.79 | 2,465.73 | 2,187.45 | 2,479.45 | 2,661.88 |
| 82 | 1,678.15 | 2,013.78 | 2,685.35 | 2,522.84 | 2,664.12 | 2,369.72 | 2,685.35 | 2,876.03 |
| 83 | 1,807.61 | 2,169.13 | 2,891.24 | 2,716.88 | 2,862.53 | 2,552.00 | 2,891.24 | 3,090.20 |
| 84 | 1,937.08 | 2,324.50 | 3,097.15 | 2,910.94 | 3,060.92 | 2,734.26 | 3,097.15 | 3,304.35 |
| 85 | 2,066.55 | 2,479.86 | 3,303.04 | 3,104.99 | 3,259.30 | 2,916.54 | 3,303.04 | 3,518.49 |
| 86 | 2,302.72 | 2,763.26 | 3,662.17 | 3,440.82 | 3,627.73 | 3,231.97 | 3,662.17 | 3,915.61 |
| 87 | 2,538.90 | 3,046.68 | 4,021.30 | 3,776.67 | 3,996.19 | 3,547.40 | 4,021.30 | 4,312.73 |
| 88 | 2,775.10 | 3,330.12 | 4,380.41 | 4,112.50 | 4,364.63 | 3,862.86 | 4,380.41 | 4,709.86 |
| 89 | 3,011.27 | 3,613.52 | 4,739.55 | 4,448.35 | 4,733.09 | 4,178.28 | 4,739.55 | 5,106.97 |
| 90 | 3,247.45 | 3,896.94 | 5,098.68 | 4,784.18 | 5,101.53 | 4,493.71 | 5,098.68 | 5,504.09 |
| 91 | 3,551.35 | 4,261.62 | 5,631.24 | 5,284.97 | 5,597.51 | 4,964.12 | 5,631.24 | 6,038.93 |
| 92 | 3,855.23 | 4,626.28 | 6,163.82 | 5,785.77 | 6,093.49 | 5,434.52 | 6,163.82 | 6,573.75 |
| 93 | 4,159.13 | 4,990.96 | 6,696.38 | 6,286.56 | 6,589.46 | 5,904.92 | 6,696.38 | 7,108.59 |
| 94 | 4,463.01 | 5,355.61 | 7,228.95 | 6,787.35 | 7,085.44 | 6,375.32 | 7,228.95 | 7,643.42 |

Proposed Rate Schedule
\%\% Low BIO Rate Increase - $60.4 \%$ High BIO Increase to Current-YearPremiums Flex 1 CO - Joint Policies Subject to Original Couples Discount

Form: 7052VA

|  |  |  |  | Individual <br> Unlimited |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound BIO | 5\% Simple BıO | 3\% Compound BıO | 4\% Compound Bio | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 129.75 | 155.70 | 342.18 | 353.68 | 379.19 | 412.65 | 431.70 | 445.69 |
| 26 | 131.76 | 158.11 | 346.62 | 357.24 | 381.56 | 416.14 | 435.98 | 450.53 |
| 27 | 133.78 | 160.54 | 351.05 | 360.79 | 383.98 | 419.64 | 440.27 | 455.36 |
| 28 | 135.79 | 162.95 | 355.49 | 364.33 | 386.36 | 423.14 | 444.52 | 460.20 |
| 29 | 137.81 | 165.37 | 359.92 | 367.88 | 388.76 | 426.63 | 448.80 | 465.05 |
| 30 | 139.81 | 167.77 | 364.36 | 371.42 | 391.15 | 430.13 | 453.08 | 469.89 |
| 31 | 141.82 | 170.18 | 368.79 | 374.07 | 393.35 | 433.51 | 457.32 | 474.74 |
| 32 | 143.83 | 172.60 | ${ }^{373.23}$ | 376.70 | 395.58 | 436.91 | 461.55 | 479.56 |
| 33 | 145.85 | 175.02 | 377.65 | 379.31 | 397.79 | 440.31 | 465.79 | 484.44 |
| 34 | 147.86 | 177.43 | 382.07 | 381.94 | 400.02 | 443.71 | 470.02 | 489.27 |
| 35 | 149.86 | 179.83 | 386.52 | 384.59 | 402.22 | 447.10 | 474.25 | 494.11 |
| 36 | 150.53 | 180.64 | 388.76 | 384.99 | 407.03 | 449.75 | 477.62 | 498.35 |
| 37 | 151.17 | 181.40 | 390.99 | 385.43 | 411.83 | 452.41 | 481.01 | 502.58 |
| 38 | 151.84 | 182.21 | 393.25 | 385.83 | 416.64 | 455.04 | 484.39 | 506.82 |
| 39 | 152.49 | 182.99 | 395.48 | 386.26 | 421.43 | 457.70 | 487.78 | 511.05 |
| 40 | 153.15 | 183.78 | 397.74 | 386.66 | 426.25 | 460.33 | 491.14 | 515.29 |
| 41 | 153.21 | 183.85 | 398.40 | 387.14 | 427.77 | 461.20 | 491.63 | 515.48 |
| 42 | 153.26 | 183.91 | 399.06 | 387.61 | 429.29 | 462.06 | 492.11 | 515.65 |
| 43 | 153.32 | 183.98 | 399.73 | 388.09 | 430.79 | 462.90 | 492.59 | 515.86 |
| 44 | 153.37 | 184.04 | 400.39 | 388.54 | 432.31 | 463.75 | 493.07 | 516.04 |
| 45 | 153.43 | 184.12 | 401.06 | 389.02 | 433.82 | 464.61 | 493.57 | 516.25 |
| 46 | 153.77 | 184.52 | 402.40 | 390.19 | 437.51 | 465.88 | 494.50 | 518.96 |
| 47 | 154.10 | 184.92 | 403.74 | 391.34 | 441.18 | 467.13 | 495.43 | 521.67 |
| 48 | 154.41 | 185.29 | 405.09 | 392.48 | 444.85 | 468.40 | 496.34 | 524.38 |
| 49 | 154.75 | 185.70 | 406.42 | 393.65 | 448.53 | 469.64 | 497.29 | 527.09 |
| 50 | 155.08 | 186.10 | 407.77 | 394.82 | 452.20 | 470.90 | 498.22 | 529.80 |
| 51 | 155.42 | 186.50 | 413.93 | 402.44 | 454.78 | 471.82 | 498.27 | 531.08 |
| 52 | 155.77 | 186.92 | 420.09 | 410.05 | 457.35 | 472.75 | 498.33 | 532.38 |
| 53 | 156.14 | 187.37 | 426.28 | 417.68 | 459.93 | 473.66 | 498.35 | 533.65 |
| 54 | 156.48 | 187.78 | 432.44 | 425.28 | 462.48 | 474.61 | 498.39 | 534.95 |
| 55 | 156.83 | 188.20 | 438.58 | 432.92 | 465.08 | 475.52 | 498.44 | 536.23 |
| 56 | 167.99 | 201.59 | 472.52 | 462.90 | 497.03 | 496.50 | 527.44 | 570.75 |
| 57 | 179.14 | 214.97 | 506.46 | 492.85 | 528.98 | 517.48 | 556.43 | 605.25 |
| 58 | 190.28 | 228.34 | 540.39 | 522.82 | 560.95 | 538.46 | 585.40 | 639.77 |
| 59 | 201.43 | 241.72 | 574.33 | 552.79 | 592.90 | 559.46 | 614.40 | 674.26 |
| 60 | 212.59 | 255.11 | 608.27 | 582.77 | 624.85 | 580.44 | 643.38 | 708.78 |
| 61 | 231.72 | 278.06 | 644.63 | 613.34 | 673.47 | 607.19 | 672.73 | 760.70 |
| 62 | 250.87 | 301.04 | 680.99 | 643.89 | 722.07 | 633.96 | 702.09 | 812.60 |
| 63 | 270.01 | 324.01 | 717.39 | 674.48 | 770.69 | 660.70 | 731.42 | 864.54 |
| 64 | 289.16 | 346.99 | 753.75 | 705.05 | 819.29 | 687.46 | 760.78 | 916.43 |
| 65 | 308.29 | 369.95 | 790.13 | 735.61 | 867.91 | 714.23 | 790.13 | 968.37 |
| 66 | 355.66 | 426.79 | 874.26 | 814.00 | 953.18 | 787.69 | 874.26 | 1,058.90 |
| 67 | 403.04 | 483.65 | 958.41 | 892.39 | 1,038.46 | 861.16 | 958.41 | 1,149.41 |
| 68 | 450.41 | 540.49 | 1,042.54 | 970.74 | 1,123.75 | 934.63 | 1,042.54 | 1,239.94 |
| 69 | 497.79 | 597.35 | 1,126.68 | 1,049.13 | 1,209.02 | 1,008.10 | 1,126.68 | 1,330.47 |
| 70 | 545.16 | 654.19 | 1,210.83 | 1,127.52 | 1,294.30 | 1,081.58 | 1,210.83 | 1,421.00 |
| 71 | 625.76 | 750.91 | 1,387.14 | 1,292.86 | 1,465.35 | 1,232.37 | 1,387.14 | 1,601.35 |
| 72 | 706.35 | 847.62 | 1,563.45 | 1,458.20 | 1,636.35 | 1,383.16 | 1,563.45 | 1,781.76 |
| 73 | 786.97 | 944.36 | 1,739.76 | 1,623.54 | 1,807.40 | 1,533.97 | 1,739.76 | 1,962.13 |
| 74 | 867.56 | 1,041.07 | 1,916.07 | 1,788.88 | 1,978.42 | 1,684.76 | 1,916.07 | 2,142.51 |
| 75 | 948.16 | 1,137.79 | 2,092.39 | 1,954.22 | 2,149.46 | 1,835.55 | 2,092.39 | 2,322.88 |
| 76 | 1,090.37 | 1,308.44 | 2,364.39 | 2,211.64 | 2,407.40 | 2,077.39 | 2,364.39 | 2,601.62 |
| 77 | 1,232.61 | 1,479.13 | 2,636.40 | 2,469.09 | 2,665.32 | 2,319.18 | 2,636.40 | 2,880.38 |
| 78 | 1,374.82 | 1,649.78 | 2,908.44 | 2,726.53 | 2,923.26 | 2,561.01 | 2,908.44 | 3,159.13 |
| 79 | 1,517.05 | 1,820.46 | 3,180.44 | 2,983.95 | 3,181.18 | 2,802.81 | 3,180.44 | 3,437.89 |
| 80 | 1,659.27 | 1,991.12 | 3,452.45 | 3,241.40 | 3,439.12 | 3,044.63 | 3,452.45 | 3,716.63 |
| 81 | 1,810.96 | 2,173.15 | 3,766.30 | 3,536.07 | 3,740.05 | 3,321.43 | 3,766.30 | 4,041.84 |
| 82 | 1,962.68 | 2,355.22 | 4,080.18 | 3,830.75 | 4,040.97 | 3,598.21 | 4,080.18 | 4,367.03 |
| 83 | 2,114.37 | 2,537.24 | 4,394.03 | 4,125.42 | 4,341.87 | 3,875.01 | 4,394.03 | 4,692.21 |
| 84 | 2,266.08 | 2,719.30 | 4,707.90 | 4,420.11 | 4,642.79 | 4,151.78 | 4,707.90 | 5,017.42 |
| 85 | 2,417.78 | 2,901.34 | 5,021.76 | 4,714.77 | 4,943.72 | 4,428.58 | 5,021.76 | 5,342.62 |
| 86 | 2,692.75 | 3,231.30 | 5,565.77 | 5,225.54 | 5,502.59 | 4,908.32 | 5,565.77 | 5,946.57 |
| 87 | 2,967.71 | 3,561.25 | 6,109.80 | 5,736.31 | 6,061.44 | 5,388.06 | 6,109.80 | 6,550.53 |
| 88 | 3,242.67 | 3,891.20 | 6,653.81 | 6,247.05 | 6,620.30 | 5,867.83 | 6,653.81 | 7,154.48 |
| 89 | 3,517.63 | 4,221.16 | 7,197.82 | 6,757.81 | 7,179.15 | 6,347.59 | 7,197.82 | 7,758.44 |
| 90 | 3,792.60 | 4,551.12 | 7,741.83 | 7,268.57 | 7,738.02 | 6,827.33 | 7,741.83 | 8,362.39 |
| 91 | 4,148.16 | 4,977.79 | 8,552.64 | 8,029.85 | 8,490.32 | 7,542.36 | 8,552.64 | 9,175.41 |
| 92 | 4,503.73 | 5,404.48 | 9,363.48 | 8,791.07 | 9,242.62 | 8,257.42 | 9,363.48 | 9,988.41 |
| 93 | 4,859.27 | 5,831.12 | 10,174.28 | 9,552.33 | 9,994.93 | 8,972.46 | 10,174.28 | 10,801.42 |
| 94 | 5,214.84 | 6,257.81 | 10,985.09 | 10,313.56 | 10,747.22 | 9,687.49 | 10,985.09 | 11,614.44 |

Proposed Rate Schedule
$0 \%$ Low BIO Rate Increase - $26.7 \%$ High BIO Increase to Current-YearPremiums Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA

|  |  |  |  | Individual <br> $365 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | 1\% Compound BIO | 5\% Simple BıO | 3\% Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 23.23 | 27.88 | 48.02 | 49.63 | 55.04 | 59.90 | 62.67 | 64.69 |
| 26 | 23.65 | 28.38 | 48.67 | 50.16 | 55.33 | 60.36 | 63.22 | 65.34 |
| 27 | 24.07 | 28.88 | 49.31 | 50.68 | 55.65 | 60.82 | 63.81 | 66.00 |
| 28 | 24.49 | 29.39 | 49.96 | 51.20 | 55.95 | 61.27 | 64.38 | 66.64 |
| 29 | 24.91 | 29.89 | 50.60 | 51.72 | 56.25 | 61.73 | 64.95 | 67.30 |
| 30 | 25.33 | 30.40 | 51.25 | 52.25 | 56.56 | 62.18 | 65.52 | 67.95 |
| 31 | 25.75 | 30.90 | 51.90 | 52.64 | 56.84 | 62.63 | 66.07 | 68.60 |
| 32 | 26.16 | 31.39 | 52.56 | 53.04 | 57.10 | 63.07 | 66.63 | 69.24 |
| 33 | 26.58 | 31.90 | 53.19 | 53.43 | 57.40 | 63.53 | 67.20 | 69.89 |
| 34 | 26.99 | 32.39 | 53.83 | 53.82 | 57.66 | 63.97 | 67.76 | 70.53 |
| 35 | 27.41 | 32.89 | 54.48 | 54.21 | 57.94 | 64.41 | 68.32 | 71.18 |
| 36 | 27.72 | 33.26 | 55.01 | 54.48 | 58.78 | 65.09 | 68.98 | 71.97 |
| 37 | 28.02 | 33.62 | 55.53 | 54.75 | 59.61 | 65.77 | 69.62 | 72.75 |
| 38 | 28.33 | 34.00 | 56.06 | 55.00 | 60.45 | 66.43 | 70.28 | 73.54 |
| 39 | 28.63 | 34.36 | 56.60 | 55.27 | 61.30 | 67.10 | 70.93 | 74.32 |
| 40 | 28.94 | 34.73 | 57.13 | 55.53 | 62.13 | 67.77 | 71.59 | 75.11 |
| 41 | 29.02 | 34.82 | 57.21 | 55.60 | 62.49 | 67.92 | 71.67 | 75.30 |
| 42 | 29.10 | 34.92 | 57.28 | 55.65 | 62.86 | 68.06 | 71.76 | 75.49 |
| 43 | 29.18 | 35.02 | 57.37 | 55.68 | 63.22 | 68.20 | 71.85 | 75.70 |
| 44 | 29.26 | 35.11 | 57.46 | 55.75 | 63.58 | 68.34 | 71.94 | 75.89 |
| 45 | 29.34 | 35.21 | 57.53 | 55.80 | 63.95 | 68.48 | 72.03 | 76.08 |
| 46 | 29.62 | 35.54 | 57.65 | 55.89 | 64.52 | 68.70 | 72.35 | 76.51 |
| 47 | 29.92 | 35.90 | 57.76 | 55.98 | 65.09 | 68.90 | 72.65 | 76.94 |
| 48 | 30.21 | 36.25 | 57.88 | 56.08 | 65.64 | 69.10 | 72.95 | 77.38 |
| 49 | 30.50 | 36.60 | 57.99 | 56.17 | 66.21 | 69.32 | 73.26 | 77.79 |
| 50 | 30.79 | 36.95 | 58.10 | 56.27 | 66.77 | 69.52 | 73.57 | 78.22 |
| 51 | 31.00 | 37.20 | 58.21 | 56.58 | 68.03 | 70.12 | 74.51 | 79.43 |
| 52 | 31.22 | 37.46 | 58.32 | 56.90 | 69.28 | 70.71 | 75.45 | 80.62 |
| 53 | 31.43 | 37.72 | 58.41 | 57.22 | 70.53 | 71.32 | 76.40 | 81.82 |
| 54 | 31.65 | 37.98 | 58.52 | 57.55 | 71.79 | 71.91 | 77.34 | 83.01 |
| 55 | 31.86 | 38.23 | 58.61 | 57.86 | 73.04 | 72.51 | 78.28 | 84.22 |
| 56 | 34.12 | 40.94 | 63.31 | 62.03 | 75.22 | 73.69 | 79.92 | 86.42 |
| 57 | 36.37 | 43.64 | 68.03 | 66.20 | 77.41 | 74.85 | 81.56 | 88.63 |
| 58 | 38.62 | 46.34 | 72.73 | 70.36 | 79.61 | 76.03 | 83.19 | 90.83 |
| 59 | 40.87 | 49.04 | 77.44 | 74.52 | 81.78 | 77.21 | 84.83 | 93.05 |
| 60 | 43.12 | 51.74 | 82.14 | 78.69 | 83.98 | 78.39 | 86.46 | 95.25 |
| 61 | 47.19 | 56.63 | 88.36 | 84.04 | 91.64 | 83.18 | 91.82 | 103.49 |
| 62 | 51.26 | 61.51 | 94.59 | 89.40 | 99.31 | 87.98 | 97.18 | 111.74 |
| 63 | 55.34 | 66.41 | 100.80 | 94.75 | 106.97 | 92.78 | 102.54 | 119.96 |
| 64 | 59.40 | 71.28 | 107.04 | 100.11 | 114.64 | 97.58 | 107.90 | 128.21 |
| 65 | 63.48 | 76.18 | 113.26 | 105.45 | 122.29 | 102.39 | 113.26 | 136.44 |
| 66 | 72.32 | 86.78 | 126.57 | 117.86 | 135.15 | 114.04 | 126.57 | 150.11 |
| 67 | 81.17 | 97.40 | 139.89 | 130.26 | 148.00 | 125.69 | 139.89 | 163.80 |
| 68 | 90.01 | 108.01 | 153.21 | 142.66 | 160.86 | 137.34 | 153.21 | 177.46 |
| 69 | 98.85 | 118.62 | 166.52 | 155.07 | 173.71 | 148.99 | 166.52 | 191.14 |
| 70 | 107.70 | 129.24 | 179.84 | 167.46 | 186.57 | 160.64 | 179.84 | 204.81 |
| 71 | 123.07 | 147.68 | 204.27 | 190.38 | 212.31 | 181.50 | 204.27 | 232.00 |
| 72 | 138.45 | 166.14 | 228.69 | 213.29 | 238.07 | 202.35 | 228.69 | 259.20 |
| 73 | 153.83 | 184.60 | 253.11 | 236.19 | 263.84 | 223.19 | 253.11 | 286.39 |
| 74 | 169.20 | 203.04 | 277.52 | 259.11 | 289.59 | 244.05 | 277.52 | 313.60 |
| 75 | 184.57 | 221.48 | 301.95 | 282.02 | 315.34 | 264.90 | 301.95 | 340.80 |
| 76 | 212.25 | 254.70 | 341.20 | 319.17 | 353.19 | 299.78 | 341.20 | 381.68 |
| 77 | 239.94 | 287.93 | 380.47 | 356.32 | 391.02 | 334.69 | 380.47 | 422.58 |
| 78 | 267.63 | 321.16 | 419.71 | 393.47 | 428.87 | 369.58 | 419.71 | 463.48 |
| 79 | 295.32 | 354.38 | 458.96 | 430.60 | 466.70 | 404.48 | 458.96 | 504.37 |
| 80 | 323.00 | 387.60 | 498.22 | 467.76 | 504.54 | 439.37 | 498.22 | 545.27 |
| 81 | 352.53 | 423.04 | 543.50 | 510.28 | 548.70 | 479.32 | 543.50 | 592.98 |
| 82 | 382.06 | 458.47 | 588.80 | 552.82 | 592.85 | 519.25 | 588.80 | 640.68 |
| 83 | 411.59 | 493.91 | 634.10 | 595.34 | 637.00 | 559.20 | 634.10 | 688.40 |
| 84 | 441.12 | 529.34 | 679.39 | 637.86 | 681.15 | 599.14 | 679.39 | 736.11 |
| 85 | 470.65 | 564.78 | 724.69 | 680.39 | 725.29 | 639.09 | 724.69 | 783.83 |
| 86 | 524.18 | 629.02 | 803.19 | 754.09 | 807.28 | 708.32 | 803.19 | 872.43 |
| 87 | 577.70 | 693.24 | 881.71 | 827.81 | 889.28 | 777.56 | 881.71 | 961.03 |
| 88 | 631.23 | 757.48 | 960.21 | 901.51 | 971.26 | 846.79 | 960.21 | 1,049.63 |
| 89 | 684.75 | 821.70 | 1,038.72 | 975.22 | 1,053.26 | 916.03 | 1,038.72 | 1,138.25 |
| 90 | 738.28 | 885.94 | 1,117.23 | 1,048.92 | 1,135.24 | 985.26 | 1,117.23 | 1,226.85 |
| 91 | 807.50 | 969.00 | 1,234.24 | 1,158.79 | 1,245.61 | 1,088.44 | 1,234.24 | 1,346.12 |
| 92 | 876.72 | 1,052.06 | 1,351.24 | 1,268.63 | 1,355.99 | 1,191.63 | 1,351.24 | 1,465.41 |
| 93 | 945.92 | 1,135.10 | 1,468.25 | 1,378.50 | 1,466.36 | 1,294.81 | 1,468.25 | 1,584.67 |
| 94 | 1,015.14 | 1,218.17 | 1,585.25 | 1,488.34 | 1,576.73 | 1,398.00 | 1,585.25 | 1,703.96 |

Proposed Rate Schedule
\%\% Low BIO Rate Increase - $26.7 \%$ High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount
orm: 7052VA

|  |  |  |  | Individual <br> 730 x Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1\% Compound BIO | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 33.19 | 39.83 | 68.60 | 70.90 | 78.62 | 85.57 | 89.51 | 92.41 |
| 26 | 33.79 | 40.55 | 69.52 | 71.65 | 79.05 | 86.23 | 90.32 | 93.34 |
| 27 | 34.39 | 41.27 | 70.45 | 72.40 | 79.49 | 86.88 | 91.15 | 94.28 |
| 28 | 34.98 | 41.98 | 71.37 | 73.14 | 79.92 | 87.54 | 91.96 | 95.20 |
| 29 | 35.58 | 42.70 | 72.30 | 73.89 | 80.37 | 88.18 | 92.78 | 96.14 |
| 30 | 36.18 | 43.42 | 73.22 | 74.64 | 80.80 | 88.84 | 93.59 | 97.06 |
| 31 | 36.78 | 44.14 | 74.14 | 75.20 | 81.19 | 89.48 | 94.39 | 97.99 |
| 32 | 37.37 | 44.84 | 75.07 | 75.77 | 81.58 | 90.11 | 95.19 | 98.91 |
| 33 | 37.97 | 45.56 | 75.98 | 76.32 | 81.99 | 90.76 | 96.00 | 99.84 |
| 34 | 38.56 | 46.27 | 76.91 | 76.89 | 82.38 | 91.39 | 96.80 | 100.76 |
| 35 | 39.16 | 46.99 | 77.83 | 77.45 | 82.77 | 92.02 | 97.60 | 101.69 |
| 36 | 39.60 | 47.52 | 78.59 | 77.83 | 83.96 | 92.99 | 98.53 | 102.80 |
| 37 | 40.03 | 48.04 | 79.34 | 78.21 | 85.17 | 93.95 | 99.46 | 103.93 |
| 38 | 40.47 | 48.56 | 80.10 | 78.58 | 86.36 | 94.90 | 100.40 | 105.05 |
| 39 | 40.90 | 49.08 | 80.85 | 78.96 | 87.56 | 95.86 | 101.32 | 106.17 |
| 40 | 41.34 | 49.61 | 81.61 | 79.34 | 88.75 | 96.82 | 102.26 | 107.29 |
| 41 | 41.45 | 49.74 | 81.72 | 79.42 | 89.27 | 97.03 | 102.39 | 107.57 |
| 42 | 41.57 | 49.88 | 81.84 | 79.49 | 89.79 | 97.23 | 102.51 | 107.85 |
| 43 | 41.68 | 50.02 | 81.96 | 79.55 | 90.31 | 97.43 | 102.65 | 108.14 |
| 44 | 41.80 | 50.16 | 82.08 | 79.63 | 90.83 | 97.64 | 102.78 | 108.42 |
| 45 | 41.91 | 50.29 | 82.19 | 79.71 | 91.35 | 97.84 | 102.91 | 108.70 |
| 46 | 42.32 | 50.78 | 82.36 | 79.85 | 92.16 | 98.13 | 103.35 | 109.30 |
| 47 | 42.74 | 51.29 | 82.52 | 79.97 | 92.97 | 98.43 | 103.78 | 109.91 |
| 48 | 43.15 | 51.78 | 82.68 | 80.11 | 93.77 | 98.72 | 104.22 | 110.53 |
| 49 | 43.57 | 52.28 | 82.85 | 80.24 | 94.58 | 99.03 | 104.65 | 111.14 |
| 50 | 43.98 | 52.78 | 83.01 | 80.38 | 95.39 | 99.32 | 105.10 | 111.75 |
| 51 | 44.29 | 53.15 | 83.15 | 80.83 | 97.18 | 100.17 | 106.44 | 113.46 |
| 52 | 44.60 | 53.52 | 83.31 | 81.29 | 98.97 | 101.02 | 107.78 | 115.17 |
| 53 | 44.90 | 53.88 | 83.44 | 81.75 | 100.76 | 101.88 | 109.14 | 116.88 |
| 54 | 45.21 | 54.25 | 83.60 | 82.20 | 102.55 | 102.73 | 110.48 | 118.59 |
| 55 | 45.52 | 54.62 | 83.74 | 82.66 | 104.34 | 103.58 | 111.83 | 120.30 |
| 56 | 48.74 | 58.49 | 90.45 | 88.61 | 107.47 | 105.26 | 114.17 | 123.46 |
| 57 | 51.95 | 62.34 | 97.18 | 94.57 | 110.60 | 106.93 | 116.50 | 126.61 |
| 58 | 55.17 | 66.20 | 103.89 | 100.51 | 113.71 | 108.62 | 118.84 | 129.77 |
| 59 | 58.38 | 70.06 | 110.62 | 106.47 | 116.84 | 110.29 | 121.18 | 132.92 |
| 60 | 61.60 | 73.92 | 117.34 | 112.42 | 119.97 | 111.98 | 123.52 | 136.08 |
| 61 | 67.42 | 80.90 | 126.23 | 120.06 | 130.92 | 118.83 | 131.17 | 147.85 |
| 62 | 73.23 | 87.88 | 135.13 | 127.71 | 141.87 | 125.69 | 138.83 | 159.62 |
| 63 | 79.05 | 94.86 | 144.01 | 135.35 | 152.81 | 132.55 | 146.49 | 171.37 |
| 64 | 84.86 | 101.83 | 152.90 | 143.01 | 163.76 | 139.41 | 154.14 | 183.14 |
| 65 | 90.68 | 108.82 | 161.80 | 150.65 | 174.71 | 146.26 | 161.80 | 194.92 |
| 66 | 103.32 | 123.98 | 180.81 | 168.36 | 193.07 | 162.91 | 180.81 | 214.45 |
| 67 | 115.95 | 139.14 | 199.84 | 186.08 | 211.42 | 179.56 | 199.84 | 233.99 |
| 68 | 128.59 | 154.31 | 218.86 | 203.80 | 229.80 | 196.19 | 218.86 | 253.51 |
| 69 | 141.22 | 169.46 | 237.89 | 221.52 | 248.15 | 212.84 | 237.89 | 273.05 |
| 70 | 153.86 | 184.63 | 256.91 | 239.23 | 266.51 | 229.49 | 256.91 | 292.59 |
| 71 | 175.82 | 210.98 | 291.80 | 271.96 | 303.31 | 259.28 | 291.80 | 331.43 |
| 72 | 197.78 | 237.34 | 326.70 | 304.69 | 340.10 | 289.07 | 326.70 | 370.29 |
| 73 | 219.75 | 263.70 | 361.58 | 337.43 | 376.91 | 318.85 | 361.58 | 409.14 |
| 74 | 241.71 | 290.05 | 396.47 | 370.15 | 413.70 | 348.64 | 396.47 | 448.00 |
| 75 | 263.67 | 316.40 | 431.36 | 402.88 | 450.49 | 378.43 | 431.36 | 486.84 |
| 76 | 303.22 | 363.86 | 487.44 | 455.96 | 504.56 | 428.27 | 487.44 | 545.27 |
| 77 | 342.77 | 411.32 | 543.52 | 509.02 | 558.61 | 478.13 | 543.52 | 603.69 |
| 78 | 382.33 | 458.80 | 599.58 | 562.09 | 612.67 | 527.97 | 599.58 | 662.11 |
| 79 | 421.88 | 506.26 | 655.66 | 615.15 | 666.72 | 577.83 | 655.66 | 720.53 |
| 80 | 461.43 | 553.72 | 711.74 | 668.23 | 720.78 | 627.67 | 711.74 | 778.95 |
| 81 | 503.62 | 604.34 | 776.44 | 728.98 | 783.85 | 684.74 | 776.44 | 847.12 |
| 82 | 545.80 | 654.96 | 841.15 | 789.73 | 846.93 | 741.79 | 841.15 | 915.27 |
| 83 | 587.99 | 70.59 | 905.85 | 850.47 | 910.00 | 798.86 | 905.85 | 983.43 |
| 84 | 630.17 | 756.20 | 970.56 | 911.23 | 973.07 | 855.91 | 970.56 | 1,051.58 |
| 85 | 672.36 | 806.83 | 1,035.27 | 971.98 | 1,036.14 | 912.97 | 1,035.7 | 1,119.75 |
| 86 | 748.83 | 898.60 | 1,147.42 | 1,077.28 | 1,153.26 | 1,011.88 | 1,147.42 | 1,246.32 |
| 87 | 825.29 | 990.35 | 1,259.58 | 1,182.58 | 1,270.40 | 1,110.79 | 1,259.58 | 1,372.91 |
| 88 | 901.76 | 1,082.11 | 1,371.73 | 1,287.87 | 1,387.52 | 1,209.69 | 1,371.73 | 1,499.48 |
| 89 | 978.22 | 1,173.86 | 1,483.89 | 1,393.17 | 1,504.65 | 1,308.61 | 1,483.89 | 1,626.07 |
| 90 | 1,054.69 | 1,265.63 | 1,596.04 | 1,498.47 | 1,621.77 | 1,407.51 | 1,596.04 | 1,752.64 |
| 91 | 1,153.57 | 1,384.28 | 1,763.20 | 1,655.40 | 1,779.45 | 1,554.91 | 1,763.20 | 1,923.04 |
| 92 | 1,252.45 | 1,502.94 | 1,930.34 | 1,812.34 | 1,937.13 | 1,702.33 | 1,930.34 | 2,093.44 |
| 93 | 1,351.32 | 1,621.58 | 2,097.49 | 1,969.27 | 2,094.79 | 1,849.73 | 2,097.49 | 2,263.82 |
| 94 | 1,450.20 | 1,740.24 | 2,264.64 | 2,126.20 | 2,252.47 | 1,997.13 | 2,264.64 | 2,434.22 |

Proposed Rate Schedule
0\% Low BIO Rate Increase - $26.7 \%$ High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA
Annual Premium per $\$ 10$ Daily Benefit

| Age |  |  |  | Individual <br> 1095 x Daily Maximum <br> 3\% Compound BIO 90 EP |  | Graded 90 EP | 5\% Compound to 65, 5\% Equal 90 EP | 5\% Compound BIO 90 EP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound BıO | $5 \%$ Simple BIO <br> 90 EP |  | 4\% Compound BIO 90 EP |  |  |  |
|  | 90 EP | 90 EP |  |  |  |  |  |  |
| 18-25 | 44.24 | 53.09 | 86.69 | 89.60 | 98.37 | 107.06 | 112.00 | 115.64 |
| 26 | 44.94 | 53.93 | 87.83 | 90.53 | 98.89 | 107.86 | 112.99 | 116.78 |
| 27 | 45.64 | 54.77 | 88.97 | 91.44 | 99.41 | 108.66 | 113.99 | 117.91 |
| 28 | 46.33 | 55.60 | 90.12 | 92.36 | 99.94 | 109.44 | 114.98 | 119.05 |
| 29 | 47.03 | 56.44 | 91.26 | 93.28 | 100.46 | 110.24 | 115.98 | 120.17 |
| 30 | 47.73 | 57.28 | 92.40 | 94.20 | 100.98 | 111.04 | 11.97 | 121.32 |
| 31 | 48.43 | 58.12 | 93.54 | 94.89 | 101.46 | 111.81 | 117.95 | 122.46 |
| 32 | 49.13 | 58.96 | 94.68 | 95.57 | 101.94 | 112.59 | 118.93 | 123.58 |
| 33 | 49.82 | 59.78 | 95.84 | 96.25 | 102.41 | 113.36 | 119.91 | 124.72 |
| 34 | 50.52 | 60.62 | 96.98 | 96.94 | 102.89 | 114.13 | 120.90 | 125.85 |
| 35 | 51.22 | 61.46 | 98.12 | 97.62 | 103.37 | 114.90 | 121.87 | 126.99 |
| 36 | 51.79 | 62.15 | 98.93 | 97.96 | 104.83 | 116.07 | 123.00 | 128.35 |
| 37 | 52.36 | 62.83 | 99.74 | 98.31 | 106.29 | 117.24 | 124.13 | 129.70 |
| 38 | 52.92 | 63.50 | 100.56 | 98.65 | 107.73 | 118.39 | 125.26 | 131.06 |
| 39 | 53.49 | 64.19 | 101.37 | 98.99 | 109.19 | 119.55 | 126.38 | 132.41 |
| 40 | 54.06 | 64.87 | 102.18 | 99.33 | 110.65 | 120.72 | 127.51 | 133.77 |
| 41 | 54.21 | 65.05 | 102.20 | 99.50 | 111.26 | 120.94 | 127.62 | 134.07 |
| 42 | 54.35 | 65.22 | 102.20 | 99.66 | 111.86 | 121.14 | 127.74 | 134.38 |
| 43 | 54.50 | 65.40 | 102.21 | 99.81 | 112.48 | 121.35 | 127.85 | 134.69 |
| 44 | 54.64 | 65.57 | 102.21 | 99.98 | 113.09 | 121.56 | 127.97 | 135.00 |
| 45 | 54.79 | 65.75 | 102.22 | 100.14 | 113.70 | 121.77 | 128.08 | 135.30 |
| 46 | 54.87 | 65.84 | 102.51 | 100.19 | 115.32 | 122.78 | 129.31 | 136.79 |
| 47 | 54.95 | 65.94 | 102.82 | 100.25 | 116.94 | 123.80 | 130.53 | 138.27 |
| 48 | 55.03 | 66.04 | 103.11 | 100.30 | 118.57 | 124.81 | 131.76 | 139.74 |
| 49 | 55.11 | 66.13 | 103.41 | 100.35 | 120.19 | 125.83 | 132.97 | 141.22 |
| 50 | 55.19 | 66.23 | 103.70 | 100.40 | 121.81 | 126.84 | 134.20 | 142.70 |
| 51 | 55.66 | 66.79 | 104.53 | 101.60 | 123.34 | 127.18 | 135.11 | 144.02 |
| 52 | 56.12 | 67.34 | 105.35 | 102.80 | 124.88 | 127.52 | 136.03 | 145.34 |
| 53 | 56.59 | 67.91 | 106.16 | 104.00 | 126.42 | 127.87 | 136.95 | 146.67 |
| 54 | 57.05 | 68.46 | 106.99 | 105.20 | 127.95 | 128.21 | 137.86 | 147.99 |
| 55 | 57.52 | 69.02 | 107.81 | 106.40 | 129.49 | 128.55 | 138.77 | 149.30 |
| 56 | 60.51 | 72.61 | 114.85 | 112.53 | 135.16 | 130.15 | 143.54 | 155.26 |
| 57 | 63.49 | 76.19 | 121.91 | 118.67 | 140.85 | 131.74 | 148.29 | 161.21 |
| 58 | 66.48 | 79.78 | 128.96 | 124.80 | 146.53 | 133.34 | 153.05 | 167.18 |
| 59 | 69.46 | 83.35 | 136.01 | 130.93 | 152.22 | 134.94 | 157.80 | 173.14 |
| 60 | 72.45 | 86.94 | 143.06 | 137.06 | 157.89 | ${ }^{136.53}$ | 162.57 | 179.09 |
| 61 | 79.15 | 94.98 | 155.68 | 148.04 | 170.45 | 146.49 | 171.29 | 192.51 |
| 62 | 85.86 | 103.03 | 168.28 | 159.01 | 182.99 | 156.45 | 179.99 | 205.93 |
| 63 | 92.56 | 111.07 | 180.90 | 169.97 | 195.55 | 166.41 | 188.71 | 219.36 |
| 64 | 99.27 | 119.12 | 193.51 | 180.94 | 208.09 | 176.37 | 197.41 | 232.77 |
| 65 | 105.97 | 127.16 | 206.13 | 191.91 | 22.65 | 186.33 | 206.13 | 246.19 |
| 66 | 121.69 | 146.03 | 230.48 | 214.59 | 245.30 | 207.64 | 230.48 | 272.47 |
| 67 | 137.41 | 164.89 | 254.83 | 237.28 | 269.96 | 228.95 | 254.83 | 298.75 |
| 68 | 153.14 | 183.77 | 279.20 | 259.96 | 294.62 | 250.27 | 279.20 | 325.04 |
| 69 | 168.86 | 202.63 | 303.55 | 282.66 | 319.27 | 271.58 | 303.55 | 351.31 |
| 70 | 184.58 | 221.50 | 327.90 | 305.33 | 343.93 | 292.89 | 327.90 | 377.59 |
| 71 | 213.95 | 256.74 | 372.40 | 347.07 | 393.75 | 330.88 | 372.40 | 430.25 |
| 72 | 243.32 | 291.98 | 416.88 | 388.80 | 443.56 | 368.86 | 416.88 | 482.90 |
| 73 | 272.68 | 327.22 | 461.38 | 430.55 | 493.40 | 406.83 | 461.38 | 535.57 |
| 74 | 302.05 | 362.46 | 505.86 | 472.29 | 543.21 | 444.82 | 505.86 | 588.23 |
| 75 | 331.42 | 397.70 | 550.36 | 514.02 | 593.03 | 482.80 | 550.36 | 640.89 |
| 76 | 381.13 | 457.36 | 621.91 | 581.73 | 664.20 | 546.41 | 621.91 | 717.79 |
| 77 | 430.84 | 517.01 | 693.45 | 649.44 | 735.35 | 610.01 | 693.45 | 794.70 |
| 78 | 480.56 | 576.67 | 765.00 | 717.16 | 806.52 | 673.61 | 765.00 | 871.59 |
| 79 | 530.27 | 636.32 | 836.55 | 784.87 | 877.68 | 737.22 | 836.55 | 948.50 |
| 80 | 579.98 | 695.98 | 908.10 | 852.58 | 948.84 | 800.82 | 908.10 | 1,025.41 |
| 81 | 633.01 | 759.61 | 990.65 | 930.08 | 1,031.87 | 873.62 | 990.65 | 1,115.14 |
| 82 | 686.03 | 823.24 | 1,073.20 | 1,007.59 | 1,114.90 | 946.42 | 1,073.20 | 1,204.87 |
| 83 | 739.06 | 886.87 | 1,155.76 | 1,085.10 | 1,197.92 | 1,019.23 | 1,155.76 | 1,294.58 |
| 84 | 792.08 | 950.50 | 1,238.30 | 1,162.61 | 1,280.95 | 1,092.03 | 1,238.30 | 1,384.31 |
| 85 | 845.11 | 1,014.13 | 1,320.86 | 1,240.11 | 1,363.98 | 1,164.83 | 1,320.86 | 1,474.04 |
| 86 | 941.22 | 1,129.46 | 1,463.96 | 1,374.45 | 1,518.16 | 1,291.02 | 1,463.96 | 1,640.66 |
| 87 | 1,037.33 | 1,244.80 | 1,607.04 | 1,508.81 | 1,672.35 | 1,417.22 | 1,607.04 | 1,807.30 |
| 88 | 1,133.45 | 1,360.14 | 1,750.13 | 1,643.15 | 1,826.53 | 1,543.40 | 1,750.13 | 1,973.92 |
| 89 | 1,229.56 | 1,475.47 | 1,893.21 | 1,777.50 | 1,980.73 | 1.669 .59 | 1,893.21 | 2,140.56 |
| 90 | 1,325.67 | 1,590.80 | 2,036.31 | 1,911.84 | 2,134.91 | 1,795.78 | 2,036.31 | 2,307.18 |
| 91 | 1,449.96 | 1,739.95 | 2,249.57 | 2,112.06 | 2,342.47 | 1,983.86 | 2,249.57 | 2,531.49 |
| 92 | 1,574.24 | 1,889.09 | 2,462.85 | 2,312.29 | 2,550.04 | 2,171.93 | 2,462.85 | 2,755.80 |
| 93 | 1,698.53 | 2,038.24 | 2,676.11 | 2,512.51 | 2,757.60 | 2,359.99 | 2,676.11 | 2,980.11 |
| 94 | 1,822.81 | 2,187.37 | 2,889.37 | 2,712.74 | 2,965.16 | 2,548.06 | 2,889.37 | 3,204.42 |

Proposed Rate Schedule
\%\% Low BIO Rate Increase - 26.7\% High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA

|  |  |  |  | Individual <br> $1460 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1\% Compound BIO | $5 \%$ Simple BIO | 3\% Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 48.23 | 57.88 | 95.42 | 98.64 | 109.77 | 119.48 | 125.00 | 129.04 |
| 26 | 48.85 | 58.62 | 96.81 | 99.78 | 110.47 | 120.49 | 126.23 | 130.45 |
| 27 | 49.46 | 59.35 | 98.19 | 100.92 | 111.17 | 121.51 | 127.47 | 131.84 |
| 28 | 50.08 | 60.10 | 99.59 | 102.07 | 111.85 | 122.51 | 128.70 | 133.25 |
| 29 | 50.69 | 60.83 | 100.97 | 103.21 | 112.55 | 123.52 | 129.94 | 134.64 |
| 30 | 51.31 | 61.57 | 102.36 | 104.35 | 113.24 | 124.53 | 131.17 | 136.05 |
| 31 | 51.92 | 62.30 | 103.75 | 105.24 | 113.89 | 125.52 | 132.40 | 137.44 |
| 32 | 52.54 | 63.05 | 105.14 | 106.11 | 114.52 | 126.50 | 133.63 | 138.85 |
| 33 | 53.15 | 63.78 | 106.53 | 107.00 | 115.17 | 127.49 | 134.85 | 140.24 |
| 34 | 53.77 | 64.52 | 107.91 | 107.87 | 115.80 | 128.46 | 136.08 | 141.65 |
| 35 | 54.38 | 65.26 | 109.30 | 108.76 | 116.45 | 129.45 | 137.30 | 143.04 |
| 36 | 55.04 | 66.05 | 110.27 | 109.20 | 117.96 | 130.62 | 138.42 | 144.41 |
| 37 | 55.70 | 66.84 | 111.24 | 109.65 | 119.47 | 131.77 | 139.53 | 145.78 |
| 38 | 56.35 | 67.62 | 112.21 | 110.08 | 120.97 | 132.93 | 140.64 | 147.15 |
| 39 | 57.01 | 68.41 | 113.18 | 110.52 | 122.48 | 134.09 | 141.75 | 148.52 |
| 40 | 57.67 | 69.20 | 114.14 | 110.96 | 123.99 | 135.25 | 142.87 | 149.89 |
| 41 | 57.88 | 69.46 | 114.22 | 110.99 | 124.55 | 1355.35 | 142.99 | 150.08 |
| 42 | 58.08 | 69.70 | 114.28 | 111.00 | 125.10 | 135.45 | 143.12 | 150.27 |
| 43 | 58.29 | 69.95 | 114.36 | 111.03 | 125.65 | 135.57 | 143.25 | 150.47 |
| 44 | 58.49 | 70.19 | 114.42 | 111.04 | 126.21 | 135.67 | 143.37 | 150.66 |
| 45 | 58.70 | 70.44 | 114.50 | 111.07 | 126.76 | 135.77 | 143.50 | 150.85 |
| 46 | 58.79 | 70.55 | 114.79 | 111.31 | 129.11 | 137.46 | 145.31 | 153.13 |
| 47 | 58.89 | 70.67 | 115.08 | 111.55 | 131.45 | 139.14 | 147.12 | 155.40 |
| 48 | 58.98 | 70.78 | 115.39 | 111.80 | 133.78 | 140.83 | 148.94 | 157.68 |
| 49 | 59.08 | 70.90 | 115.68 | 112.04 | 136.13 | 142.51 | 150.75 | 159.95 |
| 50 | 59.17 | 71.00 | 115.97 | 112.28 | 138.47 | 144.20 | 152.56 | 162.23 |
| 51 | 59.77 | 71.72 | 116.64 | 113.37 | 139.61 | 144.41 | 152.95 | 163.02 |
| 52 | 60.37 | 72.44 | 117.31 | 114.47 | 140.74 | 144.62 | 153.33 | 163.82 |
| 53 | 60.98 | 73.18 | 117.97 | 115.56 | 141.88 | 144.83 | 153.73 | 164.61 |
| 54 | 61.58 | 73.90 | 118.64 | 116.67 | 143.01 | 145.03 | 154.11 | 165.41 |
| 55 | 62.18 | 74.62 | 119.31 | 117.75 | 144.15 | 145.25 | 154.50 | 166.21 |
| 56 | 66.05 | 79.26 | 128.09 | 125.48 | 150.53 | 147.35 | 159.86 | 172.91 |
| 57 | 69.93 | 83.92 | 136.87 | 133.21 | 156.92 | 149.46 | 165.22 | 179.61 |
| 58 | 73.80 | 88.56 | 145.67 | 140.93 | 163.32 | 151.56 | 170.59 | 186.33 |
| 59 | 77.68 | 93.22 | 154.45 | 148.66 | 169.70 | 153.66 | 175.95 | 193.03 |
| 60 | 81.55 | 97.86 | 163.23 | 156.39 | 176.09 | 155.76 | 181.31 | 199.73 |
| 61 | 88.00 | 105.60 | 176.34 | 167.70 | 190.05 | 165.96 | 190.80 | 214.66 |
| 62 | 94.45 | 113.34 | 189.44 | 179.03 | 204.00 | 176.18 | 200.29 | 229.58 |
| 63 | 100.89 | 121.07 | 202.56 | 190.34 | 217.96 | 186.38 | 209.79 | 244.49 |
| 64 | 107.34 | 128.81 | 215.66 | 201.67 | 231.91 | 196.59 | 219.28 | 259.42 |
| 65 | 113.79 | 136.55 | 228.77 | 212.98 | 245.87 | 206.79 | 228.77 | 274.34 |
| 66 | 132.05 | 158.46 | 256.97 | 239.26 | 275.07 | 231.49 | 256.97 | 305.52 |
| 67 | 150.32 | 180.38 | 285.19 | 265.54 | 304.27 | 256.21 | 285.19 | 336.69 |
| 68 | 168.58 | 202.30 | 313.39 | 291.82 | 333.46 | 280.92 | 313.39 | 367.87 |
| 69 | 186.85 | 224.22 | 341.61 | 318.09 | 362.67 | 305.64 | 341.61 | 399.04 |
| 70 | 205.11 | 246.13 | 369.81 | 344.37 | 391.86 | 330.34 | 369.81 | 430.22 |
| 71 | 238.30 | 285.96 | 421.20 | 392.57 | 446.15 | 374.23 | 421.20 | 487.55 |
| 72 | 271.49 | 325.79 | 472.59 | 440.76 | 500.44 | 418.14 | 472.59 | 544.87 |
| 73 | 304.68 | 365.62 | 523.97 | 488.96 | 554.74 | 462.02 | 523.97 | 602.21 |
| 74 | 337.87 | 405.44 | 575.36 | 537.16 | 609.03 | 505.93 | 575.36 | 659.52 |
| 75 | 371.06 | 445.27 | 626.75 | 585.35 | 663.33 | 549.81 | 626.75 | 716.86 |
| 76 | 430.61 | 516.73 | 716.50 | 670.23 | 753.54 | 629.55 | 716.50 | 814.35 |
| 77 | 490.17 | 588.20 | 806.26 | 755.12 | 843.75 | 709.28 | 806.26 | 911.83 |
| 78 | 549.72 | 659.66 | 896.00 | 840.00 | 933.96 | 789.00 | 896.00 | 1,009.33 |
| 79 | 609.28 | 731.14 | 985.75 | 924.88 | 1,024.17 | 868.73 | 985.75 | 1,106.81 |
| 80 | 668.83 | 802.60 | 1,075.51 | 1,009.76 | 1,114.38 | 948.46 | 1,075.51 | 1,204.31 |
| 81 | 729.98 | 875.98 | 1,173.28 | 1,101.56 | 1,211.89 | 1,034.68 | 1,173.28 | 1,309.69 |
| 82 | 791.13 | 949.36 | 1,271.05 | 1,193.35 | 1,309.41 | 1,120.90 | 1,271.05 | 1,415.06 |
| 83 | 852.29 | 1,022.75 | 1,368.82 | 1,285.14 | 1,406.91 | 1,207.13 | 1,368.82 | 1,520.45 |
| 84 | 913.44 | 1,096.13 | 1,466.59 | 1,376.94 | 1,504.44 | 1,293.35 | 1,466.59 | 1,625.83 |
| 85 | 974.59 | 1,169.51 | 1,564.36 | 1,468.73 | 1,601.94 | 1,379.57 | 1,564.36 | 1,731.20 |
| 86 | 1,085.42 | 1,302.50 | 1,733.84 | 1,627.84 | 1,783.04 | 1,529.03 | 1,733.84 | 1,926.90 |
| 87 | 1,196.26 | 1,435.51 | 1,903.31 | 1,786.95 | 1,964.12 | 1,678.48 | 1,903.31 | 2,122.61 |
| 88 | 1,307.09 | 1,568.51 | 2,072.79 | 1,946.07 | 2,145.21 | 1,827.93 | 2,072.79 | 2,318.31 |
| 89 | 1,417.93 | 1,701.52 | 2,242.26 | 2,105.18 | 2,326.29 | 1.977 .38 | 2,242.26 | 2,514.01 |
| 90 | 1,528.76 | 1,834.51 | 2,411.73 | 2,264.29 | 2,507.38 | 2,126.84 | 2,411.73 | 2,709.71 |
| 91 | 1,672.08 | 2,006.50 | 2,664.31 | 2,501.44 | 2,751.15 | 2,349.59 | 2,664.31 | 2,973.15 |
| 92 | 1,815.41 | 2,178.49 | 2,916.90 | 2,738.58 | 2,994.93 | 2,572.34 | 2,916.90 | 3,236.60 |
| 93 | 1,958.73 | 2,350.48 | 3,169.48 | 2,975.73 | 3,238.71 | 2,795.08 | 3,169.48 | 3,500.04 |
| 94 | 2,102.05 | 2,522.46 | 3,422.05 | 3,212.87 | 3,482.48 | 3,017.83 | 3,422.05 | 3,763.48 |

Proposed Rate Schedule
0\% Low BIO Rate Increase - 26.7\% High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA

|  |  |  |  | Individual <br> 1825 x Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound Bio | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound Bio | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 56.28 | 67.54 | 109.05 | 114.21 | 127.09 | 138.31 | 144.73 | 149.42 |
| 26 | 56.82 | 68.18 | 111.13 | 115.30 | 127.64 | 139.19 | 145.86 | 150.72 |
| 27 | 57.37 | 68.84 | 113.19 | 116.37 | 128.18 | 140.08 | 146.98 | 152.03 |
| 28 | 57.91 | 69.49 | 115.27 | 117.46 | 128.74 | 140.95 | 148.11 | 153.35 |
| 29 | 58.46 | 70.15 | 117.34 | 118.54 | 129.28 | 141.84 | 149.24 | 154.65 |
| 30 | 59.00 | 70.80 | 119.41 | 119.63 | 129.83 | 142.73 | 150.37 | 155.96 |
| 31 | 59.63 | 71.56 | 120.05 | 120.42 | 130.34 | 143.60 | 151.51 | 157.27 |
| 32 | 60.26 | 72.31 | 120.67 | 121.21 | 130.83 | 144.48 | 152.65 | 158.59 |
| 33 | 60.89 | 73.07 | 121.30 | 122.00 | 131.34 | 145.36 | 153.79 | 159.91 |
| 34 | 61.52 | 73.82 | 121.92 | 122.80 | 131.83 | 146.24 | 154.93 | 161.23 |
| 35 | 62.15 | 74.58 | 122.56 | 123.58 | 132.34 | 147.11 | 156.07 | 162.54 |
| 36 | 62.76 | 75.31 | 124.00 | 124.23 | 134.35 | 148.53 | 157.54 | 164.47 |
| 37 | 63.37 | 76.04 | 125.45 | 124.89 | 136.37 | 149.95 | 159.02 | 166.41 |
| 38 | 63.97 | 76.76 | 126.89 | 125.53 | 138.39 | 151.36 | 160.49 | 168.33 |
| 39 | 64.58 | 77.50 | 128.33 | 126.19 | 140.41 | 152.77 | 161.97 | 170.27 |
| 40 | 65.19 | 78.23 | 129.78 | 126.84 | 142.42 | 154.19 | 163.44 | 172.20 |
| 41 | 65.46 | 78.55 | 129.91 | 126.93 | 142.99 | 154.56 | 163.63 | 172.32 |
| 42 | 65.74 | 78.89 | 130.03 | 127.02 | 143.56 | 154.92 | 163.82 | 172.45 |
| 43 | 66.01 | 79.21 | 130.16 | 127.09 | 144.12 | 155.28 | 164.03 | 172.59 |
| 44 | 66.29 | 79.55 | 130.29 | 127.18 | 144.69 | 155.64 | 164.22 | 172.72 |
| 45 | 66.56 | 79.87 | 130.41 | 127.27 | 145.26 | 156.01 | 164.41 | 172.84 |
| 46 | 66.68 | 80.02 | 130.54 | 127.52 | 146.52 | 156.36 | 164.91 | 173.78 |
| 47 | 66.80 | 80.16 | 130.67 | 127.79 | 147.78 | 156.73 | 165.42 | 174.72 |
| 48 | 66.91 | 80.29 | 130.79 | 128.04 | 149.04 | 157.08 | 165.93 | 175.66 |
| 49 | 67.03 | 80.44 | 130.92 | 128.31 | 150.30 | 157.45 | 166.43 | 176.59 |
| 50 | 67.15 | 80.58 | 131.05 | 128.56 | 151.56 | 157.80 | 166.94 | 177.53 |
| 51 | 67.54 | 81.05 | 132.19 | 128.93 | 153.17 | 158.40 | 167.76 | 178.82 |
| 52 | 67.93 | 81.52 | 133.33 | 129.30 | 154.76 | 159.00 | 168.59 | 180.12 |
| 53 | 68.32 | 81.98 | 134.48 | 129.65 | 156.37 | 159.60 | 169.42 | 181.42 |
| 54 | 68.71 | 82.45 | 135.62 | 130.02 | 157.97 | 160.20 | 170.25 | 182.71 |
| 55 | 69.10 | 82.92 | 136.76 | 130.39 | 159.58 | 160.79 | 171.07 | 184.01 |
| 56 | 74.24 | 89.09 | 146.55 | 140.50 | 168.41 | 164.68 | 178.81 | 193.43 |
| 57 | 79.37 | 95.24 | 156.35 | 150.62 | 177.25 | 168.57 | 186.55 | 202.86 |
| 58 | 84.51 | 101.41 | 166.14 | 160.73 | 186.08 | 172.46 | 194.31 | 212.27 |
| 59 | 89.64 | 107.57 | 175.94 | 170.85 | 194.93 | 176.35 | 202.05 | 221.70 |
| 60 | 94.78 | 113.74 | 185.73 | 180.97 | 203.76 | 180.24 | 209.79 | 231.13 |
| 61 | 101.64 | 121.97 | 199.41 | 194.62 | 220.56 | 192.60 | 218.66 | 249.10 |
| 62 | 108.51 | 130.21 | 213.10 | 208.27 | 237.35 | 204.95 | 227.54 | 267.08 |
| 63 | 115.37 | 138.44 | 226.79 | 221.93 | 254.15 | 217.29 | 236.41 | 285.08 |
| 64 | 122.24 | 146.69 | 240.48 | 235.57 | 270.94 | 229.64 | 245.29 | 303.05 |
| 65 | 129.10 | 154.92 | 254.16 | 249.23 | 287.74 | 242.00 | 254.16 | 321.03 |
| 66 | 150.58 | 180.70 | 286.61 | 278.85 | 320.63 | 269.83 | 286.61 | 356.10 |
| 67 | 172.06 | 206.47 | 319.06 | 308.48 | 353.51 | 297.67 | 319.06 | 391.17 |
| 68 | 193.53 | 232.24 | 351.50 | 338.10 | 386.40 | 325.49 | 351.50 | 426.26 |
| 69 | 215.01 | 258.01 | 383.95 | 367.72 | 419.28 | 353.33 | 383.95 | 461.33 |
| 70 | 236.49 | 283.79 | 416.40 | 397.34 | 452.17 | 381.16 | 416.40 | 496.40 |
| 71 | 272.56 | 327.07 | 476.80 | 450.20 | 511.68 | 429.22 | 476.80 | 559.17 |
| 72 | 308.63 | 370.36 | 537.21 | 503.06 | 571.19 | 477.28 | 537.21 | 621.93 |
| 73 | 344.70 | 413.64 | 597.61 | 555.91 | 630.71 | 525.35 | 597.61 | 684.70 |
| 74 | 380.77 | 456.92 | 658.02 | 608.77 | 690.22 | 573.41 | 658.02 | 747.47 |
| 75 | 416.84 | 500.21 | 718.41 | 661.63 | 749.73 | 621.46 | 718.41 | 810.23 |
| 76 | 476.32 | 571.58 | 810.82 | 747.42 | 840.49 | 702.04 | 810.82 | 908.31 |
| 77 | 535.79 | 642.95 | 903.22 | 833.20 | 931.26 | 782.61 | 903.22 | 1,006.40 |
| 78 | 595.27 | 714.32 | 995.62 | 918.98 | 1,022.01 | 863.19 | 995.62 | 1,104.48 |
| 79 | 654.74 | 785.69 | 1,088.02 | 1,004.77 | 1,112.78 | 943.76 | 1,088.02 | 1,202.57 |
| 80 | 714.22 | 857.06 | 1,180.43 | 1,090.56 | 1,203.54 | 1,024.34 | 1,180.43 | 1,300.65 |
| 81 | 780.05 | 936.06 | 1,287.82 | 1,190.21 | 1,309.42 | 1,117.95 | 1,287.82 | 1,415.07 |
| 82 | 845.88 | 1,015.06 | 1,395.20 | 1,289.87 | 1,415.29 | 1,211.56 | 1,395.20 | 1,529.50 |
| 83 | 911.70 | 1,094.04 | 1,502.59 | 1,389.52 | 1,521.17 | 1,305.17 | 1,502.59 | 1,643.93 |
| 84 | 977.53 | 1,173.04 | 1,609.96 | 1,489.18 | 1,627.04 | 1,398.78 | 1,609.96 | 1,758.36 |
| 85 | 1,043.36 | 1,252.03 | 1,717.36 | 1,588.83 | 1,732.93 | 1,492.39 | 1,717.36 | 1,872.78 |
| 86 | 1,162.21 | 1,394.65 | 1,903.65 | 1,760.50 | 1,928.31 | 1,653.63 | 1,903.65 | 2,083.94 |
| 87 | 1,281.06 | 1,537.27 | 2,089.95 | 1,932.16 | 2,123.69 | 1,814.88 | 2,089.95 | 2,295.08 |
| 88 | 1,399.91 | 1,679.89 | 2,276.25 | 2,103.83 | 2,319.09 | 1,976.11 | 2,276.25 | 2,506.24 |
| 89 | 1,518.76 | 1,822.51 | 2,462.55 | 2,275.49 | 2,514.48 | 2,137.37 | 2,462.55 | 2,717.39 |
| 90 | 1,637.61 | 1,965.13 | 2,648.85 | 2,447.16 | 2,709.86 | 2,298.60 | 2,648.85 | 2,928.54 |
| 91 | 1,790.84 | 2,149.01 | 2,925.74 | 2,703.44 | 2,973.29 | 2,539.31 | 2,925.74 | 3,213.24 |
| 92 | 1,944.07 | 2,332.88 | 3,202.62 | 2,959.70 | 3,236.73 | 2,780.03 | 3,202.62 | 3,497.92 |
| 93 | 2,097.29 | 2,516.75 | 3,479.51 | 3,215.98 | 3,500.16 | 3,020.73 | 3,479.51 | 3,782.62 |
| 94 | 2,250.52 | 2,700.62 | 3,756.39 | 3,472.24 | 3,763.60 | 3,261.44 | 3,756.39 | 4,067.30 |

Proposed Rate Schedule
$0 \%$ Low BIO Rate Increase - $26.7 \%$ High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount
orm: 7052VA

|  |  |  |  | Individual <br> $2190 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound Bio | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound Bio | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 61.63 | 73.96 | 119.26 | 119.40 | 132.90 | 144.62 | 151.32 | 156.21 |
| 26 | 61.82 | 74.18 | 121.00 | 120.97 | 133.93 | 146.07 | 153.05 | 158.15 |
| 27 | 62.02 | 74.42 | 122.73 | 122.53 | 134.97 | 147.52 | 154.79 | 160.09 |
| 28 | 62.21 | 74.65 | 124.48 | 124.10 | 136.03 | 148.97 | 156.54 | 162.02 |
| 29 | 62.41 | 74.89 | 126.22 | 125.66 | 137.06 | 150.42 | 158.27 | 163.96 |
| 30 | 62.60 | 75.12 | 127.95 | 127.23 | 138.10 | 151.88 | 160.01 | 165.90 |
| 31 | 63.55 | 76.26 | 129.53 | 128.32 | 139.07 | 153.28 | 161.71 | 167.83 |
| 32 | 64.49 | 77.39 | 131.10 | 129.41 | 140.03 | 154.68 | 163.42 | 169.77 |
| 33 | 65.44 | 78.53 | 132.67 | 130.51 | 140.99 | 156.08 | 165.12 | 171.69 |
| 34 | 66.38 | 79.66 | 134.24 | 131.60 | 141.95 | 157.48 | 166.83 | 173.63 |
| 35 | 67.33 | 80.80 | 135.81 | 132.69 | 142.92 | 158.88 | 168.52 | 175.56 |
| 36 | 67.91 | 81.49 | 137.06 | 133.34 | 144.93 | 160.25 | 170.08 | 177.43 |
| 37 | 68.48 | 82.18 | 138.33 | 133.99 | 146.95 | 161.61 | 171.64 | 179.32 |
| 38 | 69.06 | 82.87 | 139.59 | 134.64 | 148.97 | 162.97 | 173.20 | 181.19 |
| 39 | 69.63 | 83.56 | 140.85 | 135.29 | 150.99 | 164.33 | 174.76 | 183.08 |
| 40 | 70.21 | 84.25 | 142.11 | 135.94 | 153.00 | 165.70 | 176.32 | 184.96 |
| 41 | 70.48 | 84.58 | 142.40 | 135.96 | 153.56 | 166.09 | 176.39 | 185.05 |
| 42 | 70.75 | 84.90 | 142.70 | 135.99 | 154.12 | 166.48 | 176.46 | 185.13 |
| 43 | 71.01 | 85.21 | 142.99 | 136.00 | 154.69 | 166.89 | 176.53 | 185.24 |
| 44 | 71.28 | 85.54 | 143.30 | 136.03 | 155.25 | 167.28 | 176.59 | 185.32 |
| 45 | 71.55 | 85.86 | 143.59 | 136.05 | 155.80 | 167.67 | 176.67 | 185.41 |
| 46 | 71.57 | 85.88 | 143.87 | 136.46 | 157.04 | 168.17 | 177.04 | 186.29 |
| 47 | 71.59 | 85.91 | 144.13 | 136.87 | 158.29 | 168.66 | 177.39 | 187.16 |
| 48 | 71.61 | 85.93 | 144.41 | 137.28 | 159.52 | 169.16 | 177.76 | 188.04 |
| 49 | 71.63 | 85.96 | 144.68 | 137.70 | 160.76 | 169.65 | 178.11 | 188.91 |
| 50 | 71.65 | 85.98 | 144.96 | 138.10 | 162.00 | 177.15 | 178.48 | 189.78 |
| 51 | 72.00 | 86.40 | 146.22 | 138.75 | 163.58 | 170.54 | 179.20 | 191.00 |
| 52 | 72.34 | 86.81 | 147.50 | 139.38 | 165.15 | 170.93 | 179.93 | 192.23 |
| 53 | 72.69 | 87.23 | 148.77 | 140.03 | 166.74 | 171.34 | 180.66 | 193.45 |
| 54 | 73.03 | 87.64 | 150.05 | 140.66 | 168.31 | 171.73 | 181.38 | 194.67 |
| 55 | 73.38 | 88.06 | 151.32 | 141.31 | 169.89 | 172.12 | 182.11 | 195.89 |
| 56 | 78.10 | 93.72 | 161.58 | 151.93 | 179.69 | 176.42 | 190.76 | 206.36 |
| 57 | 82.82 | 99.38 | 171.84 | 162.54 | 189.47 | 180.71 | 199.40 | 216.83 |
| 58 | 87.55 | 105.06 | 182.09 | 173.15 | 199.26 | 185.02 | 208.05 | 227.30 |
| 59 | 92.27 | 110.72 | 192.36 | 183.77 | 209.04 | 189.32 | 216.70 | 237.78 |
| 60 | 96.99 | 116.39 | 202.62 | 194.38 | 218.84 | 193.61 | 225.35 | 248.24 |
| 61 | 105.60 | 126.72 | 216.31 | 209.44 | 237.33 | 207.24 | 234.50 | 268.06 |
| 62 | 114.21 | 137.05 | 230.01 | 224.49 | 255.83 | 220.88 | 243.66 | 287.88 |
| 63 | 122.82 | 147.38 | 243.72 | 239.53 | 274.32 | 234.52 | 252.80 | 307.68 |
| 64 | 131.43 | 157.72 | 257.42 | 254.58 | 292.82 | 248.15 | 261.96 | 327.49 |
| 65 | 140.04 | 168.05 | 271.11 | 269.63 | 311.31 | 261.79 | 271.11 | 347.31 |
| 66 | 162.71 | 195.25 | 306.58 | 301.43 | 346.61 | 291.66 | 306.58 | 384.95 |
| 67 | 185.38 | 222.46 | 342.04 | 333.23 | 381.90 | 321.55 | 342.04 | 422.60 |
| 68 | 208.04 | 249.65 | 377.49 | 365.05 | 417.20 | 351.43 | 377.49 | 460.23 |
| 69 | 230.71 | 276.85 | 412.95 | 396.85 | 452.48 | 381.32 | 412.95 | 497.87 |
| 70 | 253.38 | 304.06 | 448.42 | 428.65 | 487.78 | 411.19 | 448.42 | 535.51 |
| 71 | 292.34 | 350.81 | 513.64 | 485.58 | 551.88 | 462.95 | 513.64 | 603.10 |
| 72 | 331.30 | 397.56 | 578.88 | 542.49 | 615.98 | 514.71 | 578.88 | 670.70 |
| 73 | 370.25 | 444.30 | 644.10 | 599.42 | 680.06 | 566.45 | 644.10 | 738.28 |
| 74 | 409.21 | 491.05 | 709.34 | 656.33 | 744.16 | 618.21 | 709.34 | 805.88 |
| 75 | 448.17 | 537.80 | 774.57 | 713.26 | 808.26 | 669.96 | 774.57 | 873.47 |
| 76 | 512.37 | 614.84 | 874.39 | 805.89 | 906.26 | 756.97 | 874.39 | 979.38 |
| 77 | 576.56 | 691.87 | 974.22 | 898.51 | 1,004.26 | 843.96 | 974.22 | 1,085.29 |
| 78 | 640.76 | 768.91 | 1,074.04 | 991.14 | 1,102.25 | 930.97 | 1,074.04 | 1,191.21 |
| 79 | 704.95 | 845.94 | 1,173.86 | 1,083.75 | 1,200.25 | 1,017.96 | 1,173.86 | 1,297.12 |
| 80 | 769.15 | 922.98 | 1,273.69 | 1,176.38 | 1,298.26 | 1,104.96 | 1,273.69 | 1,403.03 |
| 81 | 839.64 | 1,007.57 | 1,390.13 | 1,283.89 | 1,412.48 | 1,205.96 | 1,390.13 | 1,526.47 |
| 82 | 910.13 | 1,092.16 | 1,506.56 | 1,391.41 | 1,526.71 | 1,306.95 | 1,506.56 | 1,649.91 |
| 83 | 980.63 | 1,176.76 | 1,623.01 | 1,498.91 | 1,640.93 | 1,407.93 | 1,623.01 | 1,773.34 |
| 84 | 1,051.12 | 1,261.34 | 1,739.45 | 1,606.43 | 1,755.16 | 1,508.92 | 1,739.45 | 1,896.79 |
| 85 | 1,121.61 | 1,345.93 | 1,855.89 | 1,713.93 | 1,869.38 | 1,609.91 | 1,855.89 | 2,020.23 |
| 86 | 1,249.48 | 1,499.38 | 2,056.71 | 1,899.14 | 2,080.19 | 1,783.87 | 2,056.71 | 2,248.05 |
| 87 | 1,377.36 | 1,652.83 | 2,257.53 | 2,084.37 | 2,291.00 | 1,957.84 | 2,257.53 | 2,475.87 |
| 88 | 1,505.23 | 1,806.28 | 2,458.33 | 2,269.58 | 2,501.81 | 2,131.80 | 2,458.33 | 2,703.69 |
| 89 | 1,633.11 | 1,959.73 | 2,659.15 | 2,454.80 | 2,712.62 | 2,305.78 | 2,659.15 | 2,931.51 |
| 90 | 1,760.98 | 2,113.18 | 2,859.97 | 2,640.01 | 2,923.43 | 2,479.73 | 2,859.97 | 3,159.33 |
| 91 | 1,925.78 | 2,310.94 | 3,159.67 | 2,916.67 | 3,207.84 | 2,739.60 | 3,159.67 | 3,466.69 |
| 92 | 2,090.59 | 2,508.71 | 3,459.38 | 3,193.33 | 3,492.26 | 2,999.47 | 3,459.38 | 3,774.05 |
| 93 | 2,255.39 | 2,706.47 | 3,759.07 | 3,469.98 | 3,776.66 | 3,259.33 | 3,759.07 | 4,081.40 |
| 94 | 2,420.19 | 2,904.23 | 4,058.77 | 3,746.65 | 4,061.08 | 3,519.19 | 4,058.77 | 4,388.76 |

Proposed Rate Schedule
0\% Low BIO Rate Increase - $26.7 \%$ High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA

|  |  |  |  | Individual <br> $2920 \times$ Daily Maximum |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound Bio | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound Bio | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 65.84 | 79.01 | 130.39 | 132.31 | 144.30 | 157.01 | 164.27 | 169.60 |
| 26 | 66.53 | 79.84 | 132.29 | 133.71 | 145.19 | 158.32 | 165.88 | 171.43 |
| 27 | 67.23 | 80.68 | 134.18 | 135.11 | 146.09 | 159.64 | 167.50 | 173.25 |
| 28 | 67.92 | 81.50 | 136.08 | 136.51 | 146.97 | 160.95 | 169.11 | 175.06 |
| 29 | 68.62 | 82.34 | 137.96 | 137.91 | 147.87 | 162.26 | 170.73 | 176.89 |
| 30 | 69.31 | 83.17 | 139.86 | 139.31 | 148.76 | 163.58 | 172.34 | 178.71 |
| 31 | 70.14 | 84.17 | 141.37 | 140.54 | 149.85 | 165.15 | 174.23 | 180.85 |
| 32 | 70.98 | 85.18 | 142.88 | 141.76 | 150.94 | 166.71 | 176.13 | 182.99 |
| 33 | 71.81 | 86.17 | 144.40 | 142.99 | 152.01 | 168.28 | 178.01 | 185.13 |
| 34 | 72.65 | 87.18 | 145.91 | 144.22 | 153.10 | 169.84 | 179.91 | 187.28 |
| 35 | 73.48 | 88.18 | 147.42 | 145.45 | 154.19 | 171.41 | 181.80 | 189.42 |
| 36 | 74.00 | 88.80 | 148.51 | 146.00 | 156.34 | 172.79 | 183.44 | 191.41 |
| 37 | 74.52 | 89.42 | 149.61 | 146.53 | 158.48 | 174.16 | 185.08 | 193.38 |
| 38 | 75.04 | 90.05 | 150.70 | 147.07 | 160.60 | 175.54 | 186.72 | 195.37 |
| 39 | 75.56 | 90.67 | 151.80 | 147.61 | 162.75 | 176.91 | 188.36 | 197.35 |
| 40 | 76.08 | 91.30 | 152.89 | 148.15 | 164.89 | 178.29 | 190.00 | 199.34 |
| 41 | 76.35 | 91.62 | 153.09 | 148.28 | 165.51 | 178.70 | 190.16 | 199.45 |
| 42 | 76.62 | 91.94 | 153.29 | 148.42 | 166.13 | 179.10 | 190.34 | 199.57 |
| 43 | 76.88 | 92.26 | 153.48 | 148.54 | 166.75 | 179.52 | 190.51 | 199.69 |
| 44 | 77.15 | 92.58 | 153.69 | 148.68 | 167.37 | 179.93 | 190.68 | 199.81 |
| 45 | 77.42 | 92.90 | 153.89 | 148.81 | 167.99 | 180.33 | 190.85 | 199.92 |
| 46 | 77.52 | 93.02 | 154.28 | 149.13 | 169.22 | 180.69 | 191.05 | 200.74 |
| 47 | 77.62 | 93.14 | 154.66 | 149.44 | 170.46 | 181.04 | 191.27 | 201.57 |
| 48 | 77.72 | 93.26 | 155.06 | 149.76 | 171.69 | 181.38 | 191.47 | 202.39 |
| 49 | 77.82 | 93.38 | 155.44 | 150.08 | 172.93 | 181.74 | 191.68 | 203.21 |
| 50 | 77.92 | 93.50 | 155.83 | 150.39 | 174.16 | 182.09 | 191.89 | 204.04 |
| 51 | 78.23 | 93.88 | 158.03 | 152.41 | 175.62 | 182.61 | 192.41 | 205.06 |
| 52 | 78.55 | 94.26 | 160.24 | 154.42 | 177.08 | 183.13 | 192.93 | 206.10 |
| 53 | 78.86 | 94.63 | 162.44 | 156.44 | 178.52 | 183.66 | 193.45 | 207.13 |
| 54 | 79.18 | 95.02 | 164.65 | 158.45 | 179.98 | 184.18 | 193.97 | 208.17 |
| 55 | 79.49 | 95.39 | 166.85 | 160.47 | 181.43 | 184.70 | 194.48 | 209.19 |
| 56 | 84.53 | 101.44 | 178.33 | 171.20 | 192.10 | 190.42 | 203.94 | 220.61 |
| 57 | 89.57 | 107.48 | 189.81 | 181.92 | 202.77 | 196.12 | 213.39 | 232.04 |
| 58 | 94.61 | 113.53 | 201.30 | 192.65 | 213.43 | 201.83 | 222.83 | 243.45 |
| 59 | 99.65 | 119.58 | 212.78 | 203.37 | 224.09 | 207.53 | 232.28 | 254.88 |
| 60 | 104.69 | 125.63 | 224.26 | 214.10 | 234.76 | 213.25 | 241.73 | 266.30 |
| 61 | 114.29 | 137.15 | 239.07 | 228.60 | 254.77 | 226.26 | 253.05 | 287.75 |
| 62 | 123.89 | 148.67 | 253.88 | 243.11 | 274.77 | 239.27 | 264.36 | 309.20 |
| 63 | 133.50 | 160.20 | 268.69 | 257.63 | 294.78 | 252.29 | 275.69 | 330.64 |
| 64 | 143.10 | 171.72 | 283.50 | 272.14 | 314.79 | 265.30 | 287.00 | 352.09 |
| 65 | 152.70 | 183.24 | 298.32 | 286.65 | 334.79 | 278.31 | 298.32 | 373.54 |
| 66 | 177.02 | 212.42 | 336.64 | 321.78 | 373.54 | 311.34 | 336.64 | 414.88 |
| 67 | 201.34 | 241.61 | 374.97 | 356.90 | 412.28 | 344.37 | 374.97 | 456.22 |
| 68 | 225.66 | 270.79 | 413.31 | 392.04 | 451.04 | 377.40 | 413.31 | 497.58 |
| 69 | 249.98 | 299.98 | 451.63 | 427.16 | 489.78 | 410.43 | 451.63 | 538.92 |
| 70 | 274.30 | 329.16 | 489.96 | 462.29 | 528.53 | 443.46 | 489.96 | 580.26 |
| 71 | 315.71 | 378.85 | 561.12 | 527.01 | 598.19 | 502.42 | 561.12 | 653.61 |
| 72 | 357.12 | 428.54 | 632.26 | 591.74 | 667.85 | 561.36 | 632.26 | 726.97 |
| 73 | 398.54 | 478.25 | 703.41 | 656.46 | 737.51 | 620.31 | 703.41 | 800.31 |
| 74 | 439.95 | 527.94 | 774.56 | 721.19 | 807.17 | 679.25 | 774.56 | 873.67 |
| 75 | 481.36 | 577.63 | 845.71 | 785.91 | 876.83 | 738.20 | 845.71 | 947.02 |
| 76 | 551.83 | 662.20 | 955.61 | 888.78 | 982.55 | 834.83 | 955.61 | 1,061.21 |
| 77 | 622.30 | 746.76 | 1,065.52 | 991.66 | 1,088.28 | 931.46 | 1,065.52 | 1,175.41 |
| 78 | 692.76 | 831.31 | 1,175.42 | 1,094.52 | 1,194.00 | 1,028.08 | 1,175.42 | 1,289.60 |
| 79 | 763.23 | 915.88 | 1,285.33 | 1,197.40 | 1,299.73 | 1,124.72 | 1,285.33 | 1,403.80 |
| 80 | 833.70 | 1,000.44 | 1,395.23 | 1,300.27 | 1,405.45 | 1,221.34 | 1,395.23 | 1,517.99 |
| 81 | 909.91 | 1,091.89 | 1,522.14 | 1,418.76 | 1,528.74 | 1,332.63 | 1,522.14 | 1,651.15 |
| 82 | 986.13 | 1,183.36 | 1,649.04 | 1,537.24 | 1,652.03 | 1,443.92 | 1,649.04 | 1,784.30 |
| 83 | 1,062.34 | 1,274.81 | 1,775.93 | 1,655.73 | 1,775.31 | 1,555.23 | 1,775.93 | 1,917.47 |
| 84 | 1,138.56 | 1,366.27 | 1,902.83 | 1,774.21 | 1,898.60 | 1,666.52 | 1,902.83 | 2,050.61 |
| 85 | 1,214.77 | 1,457.72 | 2,029.73 | 1,892.70 | 2,021.89 | 1,777.82 | 2,029.73 | 2,183.78 |
| 86 | 1,353.45 | 1,624.14 | 2,249.94 | 2,097.33 | 2,250.19 | 1,970.02 | 2,249.94 | 2,430.16 |
| 87 | 1,492.13 | 1,790.56 | 2,470.14 | 2,301.96 | 2,478.51 | 2,162.22 | 2,470.14 | 2,676.52 |
| 88 | 1,630.81 | 1,956.97 | 2,690.34 | 2,506.59 | 2,706.81 | 2,354.43 | 2,690.34 | 2,922.91 |
| 89 | 1,769.49 | 2,123.39 | 2,910.54 | 2,711.23 | 2,935.12 | 2,546.63 | 2,910.54 | 3,169.27 |
| 90 | 1,908.17 | 2,289.80 | 3,130.74 | 2,915.86 | 3,163.42 | 2,738.84 | 3,130.74 | 3,415.65 |
| 91 | 2,086.74 | 2,504.09 | 3,458.24 | 3,221.23 | 3,471.07 | 3,025.68 | 3,458.24 | 3,747.74 |
| 92 | 2,265.31 | 2,718.37 | 3,785.75 | 3,526.62 | 3,778.73 | 3,312.52 | 3,785.75 | 4,079.83 |
| 93 | 2,443.87 | 2,932.64 | 4,113.24 | 3,831.99 | 4,086.37 | 3,599.37 | 4,113.24 | 4,411.91 |
| 94 | 2,622.44 | 3,146.93 | 4,440.73 | 4,137.36 | 4,394.02 | 3,886.21 | 4,440.73 | 4,743.99 |

Proposed Rate Schedule
\%\% Low BIO Rate Increase - 26.7\% High BIO Increase to Current-YearPremiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

Form: 7052VA

|  |  |  |  | Individual |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $3650 \times$ Daily Maximum |  |  |  |  |
|  | No BıO | 1\% Compound BIO | 5\% Simple BıO | $3 \%$ Compound BIO | 4\% Compound Bio | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 70.05 | 84.06 | 141.51 | 145.22 | 155.71 | 169.40 | 177.22 | 182.99 |
| 26 | 71.24 | 85.49 | 143.56 | 146.45 | 156.46 | 170.58 | 178.71 | 184.69 |
| 27 | 72.44 | 86.93 | 145.62 | 147.69 | 157.20 | 171.75 | 180.19 | 186.40 |
| 28 | 73.63 | 88.36 | 147.67 | 148.92 | 157.94 | 172.93 | 181.69 | 188.10 |
| 29 | 74.83 | 89.80 | 149.72 | 150.16 | 158.68 | 174.11 | 183.17 | 189.81 |
| 30 | 76.02 | 91.22 | 151.77 | 151.39 | 159.43 | 175.29 | 184.67 | 191.51 |
| 31 | 76.74 | 92.09 | 153.22 | 152.76 | 160.63 | 177.03 | 186.74 | 193.86 |
| 32 | 77.46 | 92.95 | 154.66 | 154.13 | 161.83 | 178.75 | 188.83 | 196.22 |
| 33 | 78.18 | 93.82 | 156.12 | 155.49 | 163.05 | 180.48 | 190.91 | 198.58 |
| 34 | 78.90 | 94.68 | 157.56 | 156.85 | 164.25 | 182.21 | 193.00 | 200.93 |
| 35 | 79.62 | 95.54 | 159.01 | 158.22 | 165.46 | 183.94 | 195.08 | 203.29 |
| 36 | 80.09 | 96.11 | 159.95 | 158.65 | 167.73 | 185.34 | 196.80 | 205.37 |
| 37 | 80.55 | 96.66 | 160.88 | 159.08 | 169.98 | 186.73 | 198.53 | 207.46 |
| 38 | 81.02 | 97.22 | 161.81 | 159.50 | 172.25 | 188.11 | 200.24 | 209.54 |
| 39 | 81.48 | 97.78 | 162.75 | 159.93 | 174.50 | 189.51 | 201.96 | 211.63 |
| 40 | 81.95 | 98.34 | 163.68 | 160.36 | 176.77 | 190.90 | 203.68 | 213.70 |
| 41 | 82.22 | 98.66 | 163.79 | 160.60 | 177.46 | 191.32 | 203.95 | 213.84 |
| 42 | 82.49 | 98.99 | 163.89 | 160.85 | 178.14 | 191.74 | 204.22 | 214.00 |
| 43 | 82.76 | 99.31 | 164.00 | 161.09 | 178.81 | 192.17 | 204.49 | 214.14 |
| 44 | 83.03 | 99.64 | 164.10 | 161.33 | 179.50 | 192.58 | 204.76 | 214.29 |
| 45 | 83.30 | 99.96 | 164.20 | 161.57 | 180.18 | 193.00 | 205.03 | 214.43 |
| 46 | 83.48 | 100.18 | 164.70 | 161.80 | 181.41 | 193.20 | 205.08 | 215.20 |
| 47 | 83.66 | 100.39 | 165.20 | 162.01 | 182.64 | 193.42 | 205.13 | 215.97 |
| 48 | 83.83 | 100.60 | 165.70 | 162.24 | 183.87 | 193.62 | 205.19 | 216.76 |
| 49 | 84.01 | 100.81 | 166.21 | 162.45 | 185.10 | 193.84 | 205.24 | 217.53 |
| 50 | 84.19 | 101.03 | 166.70 | 162.68 | 186.33 | 194.04 | 205.29 | 218.30 |
| 51 | 84.47 | 101.36 | 169.84 | 166.08 | 187.66 | 194.69 | 205.61 | 219.14 |
| 52 | 84.76 | 101.71 | 172.98 | 169.46 | 188.99 | 195.35 | 205.93 | 219.98 |
| 53 | 85.04 | 102.05 | 176.11 | 172.86 | 190.33 | 195.99 | 206.23 | 220.83 |
| 54 | 85.33 | 102.40 | 179.26 | 176.24 | 191.66 | 196.65 | 206.55 | 221.66 |
| 55 | 85.61 | 102.73 | 182.40 | 179.64 | 192.99 | 197.30 | 206.86 | 222.50 |
| 56 | 90.97 | 109.16 | 195.09 | 190.47 | 204.53 | 204.42 | 217.11 | 234.86 |
| 57 | 96.33 | 115.60 | 207.79 | 201.31 | 216.07 | 211.54 | 227.36 | 247.24 |
| 58 | 101.68 | 122.02 | 220.50 | 212.15 | 227.60 | 218.65 | 237.63 | 259.61 |
| 59 | 107.04 | 128.45 | 233.19 | 222.99 | 239.15 | 225.77 | 247.88 | 271.99 |
| 60 | 112.40 | 134.88 | 245.89 | 233.82 | 250.69 | 232.89 | 258.13 | 284.35 |
| 61 | 122.99 | 147.59 | 261.81 | 247.79 | 272.20 | 245.28 | 271.61 | 307.44 |
| 62 | 133.58 | 160.30 | 277.74 | 261.76 | 293.73 | 257.67 | 285.08 | 330.51 |
| 63 | 144.17 | 173.00 | 293.65 | 275.72 | 315.24 | 270.05 | 298.56 | 353.59 |
| 64 | 154.76 | 185.71 | 309.58 | 289.70 | 336.77 | 282.44 | 312.02 | 376.67 |
| 65 | 165.35 | 198.42 | 325.50 | 303.66 | 358.28 | 294.83 | 325.50 | 399.75 |
| 66 | 191.33 | 229.60 | 366.71 | 342.12 | 400.49 | 331.02 | 366.71 | 444.81 |
| 67 | 217.30 | 260.76 | 407.91 | 380.57 | 442.68 | 367.19 | 407.91 | 489.86 |
| 68 | 243.28 | 291.94 | 449.10 | 419.03 | 484.88 | 403.37 | 449.10 | 534.90 |
| 69 | 269.25 | 323.10 | 490.30 | 457.49 | 527.07 | 439.55 | 490.30 | 579.96 |
| 70 | 295.23 | 354.28 | 531.51 | 495.94 | 569.28 | 475.73 | 531.51 | 625.01 |
| 71 | 339.10 | 406.92 | 608.58 | 568.46 | 644.50 | 541.87 | 608.58 | 704.12 |
| 72 | 382.96 | 459.55 | 685.65 | 640.99 | 719.72 | 608.02 | 685.65 | 783.23 |
| 73 | 426.83 | 512.20 | 762.71 | 713.52 | 794.95 | 674.16 | 762.71 | 862.33 |
| 74 | 470.69 | 564.83 | 839.78 | 786.05 | 870.18 | 740.31 | 839.78 | 941.44 |
| 75 | 514.56 | 617.47 | 916.85 | 858.57 | 945.40 | 806.45 | 916.85 | 1,020.56 |
| 76 | 591.30 | 709.56 | 1,036.84 | 971.69 | 1,058.84 | 912.70 | 1,036.84 | 1,143.04 |
| 77 | 668.03 | 801.64 | 1,156.82 | 1,084.81 | 1,172.29 | 1,018.96 | 1,156.82 | 1,265.52 |
| 78 | 744.77 | 893.72 | 1,276.81 | 1,197.92 | 1,285.74 | 1,125.21 | 1,276.81 | 1,388.01 |
| 79 | 821.50 | 985.80 | 1,396.79 | 1,311.04 | 1,399.19 | 1,231.47 | 1,396.79 | 1,510.49 |
| 80 | 898.24 | 1,077.89 | 1,516.78 | 1,424.16 | 1,512.63 | 1,337.72 | 1,516.78 | 1,632.97 |
| 81 | 980.18 | 1,176.22 | 1,654.13 | 1,553.62 | 1,644.98 | 1,459.33 | 1,654.13 | 1,775.84 |
| 82 | 1,062.12 | 1,274.54 | 1,791.50 | 1,683.08 | 1,777.33 | 1,580.92 | 1,791.50 | 1,918.71 |
| 83 | 1,144.06 | 1,372.87 | 1,928.86 | 1,812.53 | 1,909.70 | 1,702.53 | 1,928.86 | 2,061.59 |
| 84 | 1,226.00 | 1,471.20 | 2,066.22 | 1.941 .99 | 2,042.05 | 1,824.13 | 2,066.22 | 2,204.45 |
| 85 | 1,307.94 | 1,569.53 | 2,203.58 | 2,071.46 | 2,174.40 | 1,945.73 | 2,203.58 | 2,347.32 |
| 86 | 1,457.42 | 1,748.90 | 2,443.17 | 2,295.50 | 2,420.20 | 2,156.17 | 2,443.17 | 2,612.25 |
| 87 | 1,606.90 | 1,928.28 | 2,682.76 | 2,519.56 | 2,666.01 | 2,366.60 | 2,682.76 | 2,877.18 |
| 88 | 1,756.39 | 2,107.67 | 2,922.34 | 2,743.60 | 2,911.81 | 2,577.05 | 2,922.34 | 3,142.12 |
| 89 | 1,905.87 | 2,287.04 | 3,161.93 | 2,967.66 | 3,157.62 | 2,787.49 | 3,161.93 | 3,407.05 |
| 90 | 2,055.35 | 2,466.42 | 3,401.51 | 3,191.70 | 3,403.42 | 2,997.92 | 3,401.51 | 3,671.98 |
| 91 | 2,247.69 | 2,697.23 | 3,756.81 | 3,525.79 | 3,734.31 | 3,311.75 | 3,756.81 | 4,028.79 |
| 92 | 2,440.02 | 2,928.02 | 4,112.11 | 3,859.90 | 4,065.19 | 3,625.57 | 4,112.11 | 4,385.59 |
| 93 | 2,632.36 | 3,158.83 | 4,467.40 | 4,194.00 | 4,396.07 | 3,939.39 | 4,467.40 | 4,742.41 |
| 94 | 2,824.69 | 3,389.63 | 4,822.70 | 4,528.09 | 4,726.96 | 4,253.22 | 4,822.70 | 5,099.21 |

Proposed Rate Schedule
Genworth Life Insurance Company
$0 \%$ Increase to Current-Year Premiums
Flex 1 LD - Joint Policies Subject to Revised Couples discount

|  |  |  |  | Individual <br> Unlimited |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 1\% Compound BIO | 5\% Simple BIO | 3\% Compound BIO | 4\% Compound BıO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 82.12 | 98.54 | 135.02 | 139.56 | 149.62 | 162.82 | 170.34 | 175.86 |
| 26 | 83.39 | 100.07 | 136.77 | 140.96 | 150.56 | 164.20 | 172.03 | 177.77 |
| 27 | 84.67 | 101.60 | 138.52 | 142.36 | 151.51 | 165.58 | 173.72 | 179.68 |
| 28 | 85.94 | 103.13 | 140.27 | 143.76 | 152.45 | 166.96 | 175.40 | 181.59 |
| 29 | 87.22 | 104.66 | 142.02 | 145.16 | 153.40 | 168.34 | 177.09 | 183.50 |
| 30 | 88.49 | 106.19 | 143.77 | 146.56 | 154.34 | 169.72 | 178.78 | 185.41 |
| 31 | 89.76 | 107.71 | 145.52 | 147.60 | 155.21 | 171.06 | 180.45 | 187.32 |
| 32 | 91.03 | 109.24 | 147.27 | 148.64 | 156.09 | 172.40 | 182.12 | 189.23 |
| 33 | 92.31 | 110.77 | 149.01 | 149.67 | 156.96 | 173.74 | 183.79 | 191.15 |
| 34 | 93.58 | 112.30 | 150.76 | 150.71 | 157.84 | 175.08 | 185.46 | 193.06 |
| 35 | 94.85 | 113.82 | 152.51 | 151.75 | 158.71 | 176.42 | 187.13 | 194.97 |
| 36 | 95.27 | 114.32 | 153.40 | 151.91 | 160.61 | 177.46 | 188.46 | 196.64 |
| 37 | 95.68 | 114.82 | 154.28 | 152.08 | 162.50 | 178.51 | 189.80 | 198.31 |
| 38 | 96.10 | 115.32 | 155.17 | 152.24 | 164.40 | 179.55 | 191.13 | 199.98 |
| 39 | 96.51 | 115.81 | 156.05 | 152.41 | 166.29 | 180.60 | 192.47 | 201.65 |
| 40 | 96.93 | 116.32 | 156.94 | 152.57 | 168.19 | 181.64 | 193.80 | 203.32 |
| 41 | 96.97 | 116.36 | 157.20 | 152.76 | 168.79 | 181.98 | 193.99 | 203.40 |
| 42 | 97.00 | 116.40 | 157.46 | 152.94 | 169.39 | 182.32 | 194.18 | 203.47 |
| 43 | 97.04 | 116.45 | 157.73 | 153.13 | 169.98 | 182.65 | 194.37 | 203.55 |
| 44 | 97.07 | 116.48 | 157.99 | 153.31 | 170.58 | 182.99 | 194.56 | 203.62 |
| 45 | 97.11 | 116.53 | 158.25 | 153.50 | 171.18 | 183.33 | 194.75 | 203.70 |
| 46 | 97.32 | 116.78 | 158.78 | 153.96 | 172.63 | 183.83 | 195.12 | 204.77 |
| 47 | 97.53 | 117.04 | 159.31 | 154.42 | 174.08 | 184.32 | 195.49 | 205.84 |
| 48 | 97.73 | 117.28 | 159.84 | 154.87 | 175.53 | 184.82 | 195.85 | 206.91 |
| 49 | 97.94 | 117.53 | 160.37 | 155.33 | 176.98 | 185.31 | 196.22 | 207.98 |
| 50 | 98.15 | 117.78 | 160.90 | 155.79 | 178.43 | 185.81 | 196.59 | 209.05 |
| 51 | 98.37 | 118.04 | 163.33 | 158.80 | 179.45 | 186.17 | 196.61 | 209.56 |
| 52 | 98.59 | 118.31 | 165.76 | 161.80 | 180.46 | 186.54 | 196.63 | 210.07 |
| 53 | 98.82 | 118.58 | 168.20 | 164.81 | 181.48 | 186.90 | 196.64 | 210.57 |
| 54 | 99.04 | 118.85 | 170.63 | 167.81 | 182.49 | 187.27 | 196.66 | 211.08 |
| 55 | 99.26 | 119.11 | 173.06 | 170.82 | 183.51 | 187.63 | 196.68 | 211.59 |
| 56 | 106.32 | 127.58 | 186.45 | 182.65 | 196.12 | 195.91 | 208.12 | 225.21 |
| 57 | 113.38 | 136.06 | 199.84 | 194.47 | 208.73 | 204.19 | 219.56 | 238.82 |
| 58 | 120.43 | 144.52 | 213.23 | 206.30 | 221.34 | 212.47 | 230.99 | 252.44 |
| 59 | 127.49 | 152.99 | 226.62 | 218.12 | 23.95 | 220.75 | 242.43 | 266.05 |
| 60 | 134.55 | 161.46 | 240.01 | 229.95 | 246.56 | 229.03 | 253.87 | 279.67 |
| 61 | 146.66 | 175.99 | 254.36 | 242.01 | 265.74 | 239.59 | 265.45 | 300.16 |
| 62 | 158.78 | 190.54 | 268.71 | 254.07 | 284.92 | 250.15 | 277.03 | 320.64 |
| 63 | 170.89 | 205.07 | 283.07 | 266.14 | 304.10 | 260.70 | 288.61 | 341.13 |
| 64 | 183.01 | 219.61 | 297.42 | 278.20 | 323.28 | 271.26 | 300.19 | 361.61 |
| 65 | 195.12 | 234.14 | 311.77 | 290.26 | 342.46 | 281.82 | 311.77 | 382.10 |
| 66 | 225.10 | 270.12 | 344.97 | 321.19 | 376.11 | 310.81 | 344.97 | 417.82 |
| 67 | 255.09 | 306.11 | 378.17 | 352.12 | 409.76 | 339.80 | 378.17 | 453.54 |
| 68 | 285.07 | 342.08 | 411.37 | 383.04 | 443.41 | 368.79 | 411.37 | 489.26 |
| 69 | 315.06 | 378.07 | 444.57 | 413.97 | 477.06 | 397.78 | 444.57 | 524.98 |
| 70 | 345.04 | 414.05 | 477.77 | 444.90 | 510.71 | 426.77 | 477.77 | 560.70 |
| 71 | 396.05 | 475.26 | 547.34 | 510.14 | 578.20 | 486.27 | 547.34 | 631.87 |
| 72 | 447.06 | 536.47 | 616.91 | 575.38 | 645.68 | 545.77 | 616.91 | 703.05 |
| 73 | 498.08 | 597.70 | 686.48 | 640.62 | 713.17 | 605.28 | 686.48 | 774.22 |
| 74 | 549.09 | 658.91 | 756.05 | 705.86 | 780.65 | 664.78 | 756.05 | 845.40 |
| 75 | 600.10 | 720.12 | 825.62 | 771.10 | 848.14 | 724.28 | 825.62 | 916.57 |
| 76 | 690.11 | 828.13 | 932.95 | 872.68 | 949.92 | 819.70 | 932.95 | 1,026.56 |
| 77 | 780.13 | 936.16 | 1,040.28 | 974.26 | 1,051.69 | 915.11 | 1,040.28 | 1,136.55 |
| 78 | 870.14 | 1,044.17 | 1,147.62 | 1,075.84 | 1,153.47 | 1,010.53 | 1,147.62 | 1,246.54 |
| 79 | 960.16 | 1,152.19 | 1,254.95 | 1,177.42 | 1,255.24 | 1,105.94 | 1,254.95 | 1,356.53 |
| 80 | 1,050.17 | 1,260.20 | 1,362.28 | 1,279.00 | 1,357.02 | 1,201.36 | 1,362.28 | 1,466.52 |
| 81 | 1,146.18 | 1,375.42 | 1,486.12 | 1,395.27 | 1,475.76 | 1,310.58 | 1,486.12 | 1,594.84 |
| 82 | 1,242.20 | 1,490.64 | 1,609.97 | 1,511.55 | 1,594.50 | 1,419.79 | 1,609.97 | 1,723.16 |
| 83 | 1,338.21 | 1,605.85 | 1,733.81 | 1,627.82 | 1,713.23 | 1,529.01 | 1,733.81 | 1,851.47 |
| 84 | 1,434.23 | 1,721.08 | 1,857.66 | 1,744.10 | 1,831.97 | 1,638.22 | 1,857.66 | 1,979.79 |
| 85 | 1,530.24 | 1,836.29 | 1,981.50 | 1,860.37 | 1,950.71 | 1,747.44 | 1,981.50 | 2,108.11 |
| 86 | 1,704.27 | 2,045.12 | 2,196.16 | 2,061.91 | 2,171.23 | 1,936.74 | 2,196.16 | 2,346.42 |
| 87 | 1,878.30 | 2,253.96 | 2,410.82 | 2,263.45 | 2,391.74 | 2,126.04 | 2,410.82 | 2,584.73 |
| 88 | 2,052.32 | 2,462.78 | 2,625.48 | 2,464.98 | 2,612.26 | 2,315.35 | 2,625.48 | 2,823.04 |
| 89 | 2,226.35 | 2,671.62 | 2,840.14 | 2,666.52 | 2,832.77 | 2,504.65 | 2,840.14 | 3,061.35 |
| 90 | 2,400.38 | 2,880.46 | 3,054.80 | 2,868.06 | 3,053.29 | 2,693.95 | 3,054.80 | 3,299.66 |
| 91 | 2,625.42 | 3,150.50 | 3,374.73 | 3,168.44 | 3,350.14 | 2,976.09 | 3,374.73 | 3,620.46 |
| 92 | 2,850.46 | 3,420.55 | 3,694.67 | 3,468.81 | 3,646.98 | 3,258.24 | 3,694.67 | 3,941.26 |
| 93 | 3,075.49 | 3,690.59 | 4,014.60 | 3,769.19 | 3,943.83 | 3,540.38 | 4,014.60 | 4,262.06 |
| 94 | 3,300.53 | 3,960.64 | 4,334.53 | 4,069.56 | 4,240.67 | 3,822.52 | 4,334.53 | 4,582.86 |


| State: | Virginia | Filing Company: |
| :--- | :--- | :--- |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC03I.001 Qualified |  |
| Product Name: | 2022 Flex 1 Rate Request |  |
| Project Name/Number: | 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |

## Supporting Document Schedules

| Satisfied - Item: | Certification of Compliance/Readability |
| :---: | :---: |
| Comments: |  |
| Attachment(s): | VA Certification of Compliance_Readability 2022 Flex Filing.pdf |
| Item Status: | Received \& Acknowledged |
| Status Date: | 06/14/2023 |
| Satisfied - Item: | Product Checklist |
| Comments: |  |
| Attachment(s): | VA Flex 1 NAIC Filing Checklist 20221021.pdf <br> VA Long-Term-Care-Rate-Revision-Checklist 20221021.pdf |
| Item Status: | Received \& Acknowledged |
| Status Date: | 11/17/2022 |
| Satisfied - Item: | L\&H Actuarial Memorandum |
| Comments: |  |
| Attachment(s): | VA Flex 1 Memo Exhibits 20221021.xIsx <br> VA Flex 1 Additional Exhibits 20221021.pdf <br> VA Flex 1 Additional Exhibits 20221021.xIsx <br> VA Flex 1 Addendum Exhibits.pdf <br> VA Flex 1 Addendum Exhibits.xlsx <br> VA Flex 1 Addendum 2023.02.17-Revised.pdf <br> VA Flex 1 Confidential Memo Revised.pdf |
| Item Status: | Received \& Acknowledged |
| Status Date: | 04/29/2024 |
| Satisfied - Item: | Long Term Care Insurance Rate Request Summary |
| Comments: |  |
| Attachment(s): | VA Long Term Care Insurance Rate Request Summary 20240430.pdf |
| Item Status: | Received \& Acknowledged |
| Status Date: | 04/30/2024 |
| Satisfied - Item: | L\&H Readability - Health |
| Comments: | The applicable certification is attached under the Certification of Compliance/Readability header. |
| Attachment(s): |  |
| Item Status: | Received \& Acknowledged |
| Status Date: | 11/17/2022 |

[^8]



| State: | Virginia |  | Filing Company: | Genworth Life Insurance Company |
| :---: | :---: | :---: | :---: | :---: |
| TOI/Sub-TOI: | LTC03I Individual Long Term Care/LTC031.001 Qualified 2022 Flex 1 Rate Request 2022 Flex 1 Rate Request/2022 Flex 1 Rate Request |  |  |  |
| Product Name: |  |  |  |  |
| Project Name/Number: |  |  |  |  |
| Attachment(s): |  | Schedule Form 7052 VA.pdf 134613VA 062916 Contingent Be 158271_101713 Optional Limited 165935 VA 111716 Coverage Am | on Lapse.pdf .pdf nt Rider.pdf |  |
| Item Status: |  | Received \& Acknowledged |  |  |
| Status Date: |  | 04/29/2024 |  |  |

Attachment VA Flex 1 Memo Exhibits 20221021.xIsx is not a PDF document and cannot be reproduced here.

Attachment VA Flex 1 Additional Exhibits 20221021.xIsx is not a PDF document and cannot be reproduced here.

Attachment VA Flex 1 Addendum Exhibits.xIsx is not a PDF document and cannot be reproduced here. Attachment VA Flex 1 Objection 1 Attachments.xIsx is not a PDF document and cannot be reproduced here.

Attachment VA Flex 1 Objection 9 Attachments.xIsx is not a PDF document and cannot be reproduced here.

Attachment VA Flex 1 Objection 11 Attachments.xlsx is not a PDF document and cannot be reproduced here.

Virginia Administrative Code
Title 14. Insurance
Agency 5. State Corporation Commission, Bureau Of Insurance
Chapter 101. Rules Governing Life and Health Forms Filings

## 14VAC5-101-110. Certificate of compliance.

Each form filing shall include a statement identical to the following that is signed by an officer of the company:

The Flesch reading ease scores of the filed policy forms are as follows:
165224CRBFlex VA 10/01/22 reading score is 50.5
165224Flex VA 10/01/22 reading score is 54.4
165224NQFlex VA 10/01/22 reading score is 62.6
165226Flex VA 10/01/22 reading score is 54.6
165239Flex VA 10/01/22 reading score is 51.4
I represent that a review of the enclosed forms has been conducted, and I certify that, to the best of my knowledge and belief, each form submitted is consistent and complies with the requirements of Title 38.2 of the Code of Virginia and the applicable rules and regulations. I understand that a failure to comply with these requirements will result in a disapproval of the filing.


Statutory Authority
§§ 12.1-13 and 38.2-223 of the Code of Virginia.

## Historical Notes

Derived from Virginia Register Volume 36, Issue 9, eff. January 1, 2020.

## Consolidated, Most Commonly Asked Questions - States' LTC Rate Increase Reviews

1. New premium rate schedule, percentage increase for each rating scenario such as issue age, benefit period, elimination period, etc., from the existing and original rates.

Please refer to the Rate Schedules submitted in this filing.
A. Provide rate increase percentages by policy form number and clear mapping of these numbers to any alternative terminology describing policies stated in the actuarial memorandum and other supporting documents.
Please refer to Exhibit XIII "Status of Filings" in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx", as well as the Header and Section 2 of the Actuarial Memorandum.
B. Provide the cumulative rate change since inception for each of the rating scenarios.

Please refer to Exhibit XIII "Status of Filings" in the file: "VA Flex 1 Additional Exhibits 20221021.x|sx".
2. Rate increase history that reflects the filed increase.
A. Provide the month, year, and percentage amount of all previous rate revisions. Please refer to Exhibit XIII "Status of Filings" in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
B. Provide the SERFF filing numbers associated with all previous rate revisions.

A 58\% rate increase was accepted in Virginia on 4/1/2022.
(SERFF \# GEFA-132466851).
3. Actuarial Memorandum justifying the new rate schedule, which includes:
A. Lifetime loss ratio projection, with earned premiums and incurred claims discounted at the maximum valuation interest rate.
Please refer to Exhibits I-II of the Actuarial Memorandum.
i. The projection should be by year.

Please refer to Exhibits I-II of the Actuarial Memorandum.
ii. Provide the count of covered lives and count of claims incurred by year.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Flex 1 NAIC Filing Checklist

October 2022

## CONFIDENTIAL

Please refer to Exhibits I-II of the Actuarial Memorandum and Exhibit V in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
iii. Provide separate experience summaries and projections for significant subsets of policies with substantially different benefit and premium features. Separate projections of costs for significant blocks of paid-up and premium-paying policies should be provided.

For projections that include paid-up policies please refer to Exhibits I and II of the Actuarial Memorandum. For projections without paid-up policies please refer to Exhibits I and II in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
iv. Provide a comparison of state versus national mix of business. In addition, a state may request separate state and national data and projections. The company should accompany any state-specific information with commentary on credibility, materiality, and impact on requested rate increase.
Please refer to Section 9 of the Actuarial Memorandum for information pertaining to credibility. For nationwide experience projections, please refer to Exhibits I-II of the Actuarial Memorandum. For State Specific projections, please refer to Exhibits III-IV in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
B. Reasons for the rate increase, including which pricing assumptions were not realized \& why.

Please refer to Section 3 of the Actuarial Memorandum.
i. Attribution analysis - present the portion of the rate increase allocated to and impact on the lifetime loss ratio from each change in assumption.

In 2016, GLIC converted from a PolySystems projection model using Total Lives Claim Costs to an AXIS model based on Healthy Lives done through First Principles. Please note that GLIC's original pricing assumptions were created on a Total Lives basis, while GLIC's Current Best Estimate Assumptions are created using separate assumptions for Healthy Lives and Disabled Lives.

For the period prior to the system conversion, the experience factors could not be analyzed at the same level of detail as after the conversion. We calculated the assumption impact on the lifetime loss ratio from pricing to 2015 Best Estimates. Please see the following table below:

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Flex 1 NAIC Filing Checklist

October 2022
CONFIDENTIAL

| Change in LLR from Change in Key Assumptions |  |
| :---: | :---: |
| In Percentage Points |  |
| Lapse | $27 \%$ |
| Mortality | $2 \%$ |
| Morbidity | $29 \%$ |

The system conversion has an effect of increasing the lifetime loss ratio by 3.7 percentage points. It is impossible to attribute this impact to individual assumptions.

In the update from 2016 CFT assumptions to 2017 CFT assumptions, the incidence assumption update was the most impactful, increasing the lifetime loss ratio by 4.1 percentage points. The combined impact of lapse and mortality assumptions was 0.4 percentage points.

In the update from 2017 CFT assumptions to 2018 CFT assumptions, mortality, lapse, and incidence assumption updates were the most significant factors, in aggregate, increasing the lifetime loss ratio by 2.6 percentage points.

In the update from 2018 CFT assumptions to 2019 CFT assumptions, incidence assumptions and projection year adjustments were the most significant unfavorable factors, in aggregate, increasing the lifetime loss ratio by 9.6 percentage points.

Lastly, in the update from 2019 CFT assumptions to 2021 CFT assumptions, the utilization assumption update was the most impactful, increasing the lifetime loss ratio by 6.5 percentage points.
ii. Related to the issue of past losses, explain how the requested rate increase covers a policyholder's own past premium deficiencies and/or subsidizes other policyholders' past claims.

The premium rate requests that GLIC is currently seeking will not be used to offset losses already incurred on these blocks of business. While it is true that historical incurred claims have been higher than originally anticipated, the rate increases will ultimately go towards paying for future claims on the policyholders that remain inforce.

However, as mentioned in a recent issue brief of the American Academy of Actuaries' Long-Term Care Past Losses Considerations Work Group, if a state delays or limits an approval of an insurer's request for a premium rate increase, it appears to be unfair treating such losses as non-recoverable. Such treatment could also result in subsidization of the premium rates across states, which in turn could create an unfair extra burden for policyholders in states that have approved justified premium rate increase in a timely manner.

Additionally, if rate increases are delayed, less future premium capacity remains in these blocks to absorb the rate increase. As a result, a higher percentage of future premium rate increase must be applied to obtain the target lifetime loss ratio. It is

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Flex 1 NAIC Filing Checklist
October 2022
CONFIDENTIAL
GLIC's intent to learn from the past, act early, and work diligently with regulators to drive approval of the planned rate increase, and therefore avoid significant premium rate increases when the average policyholder's attained age is higher.
iii. Provide the original loss ratio target to allow for comparison of initially assumed premiums and claims and actual and projected premiums and claims.

The original loss ratio target is $74.6 \%$
iv. Provide commentary and analysis on how credibility of experience contributed to the development of the rate increase request.
Please refer to Section 9 of the Actuarial Memorandum.
C. Statement that policy design, underwriting, and claims handling practices were considered.

Please refer to Sections 4 and 5 of the Actuarial Memorandum.
i. Show how benefit features, e.g., inflation and length of benefit period, and premium features, e.g., limited pay and lifetime pay, impact requested increases.

Please refer to Section 2 and Exhibits I and II of the Actuarial Memorandum.
ii. Specify whether waived premiums are included in earned premiums and incurred claims, including in the loss ratio target calculation; provide the waived premium amounts and impact on requested increase.

Waived premiums are included in the earned premiums and incurred claims. GLIC maintains that waived premium does belong in experience when calculating a justified rate increase. As justification, GLIC states the following:

1. Including waived premiums as a benefit is a common industry practice and is a reasonable way to develop models. GLIC confirmed with multiple leading thirdparty actuarial firms with significant long-term care experience that many long-term care companies follow the practice of including waived premiums as a benefit. Including waived premiums is consistent with how GLIC does all projections on a gross premium basis, including our cash flow testing and loss recognition testing.
2. Waiver of Premium is a benefit, like any other payment associated with the benefits on a policy. Since the cost of wavier of premium is tied to incidence and claim length, GLIC believes waived premium should not be treated any differently than other morbidity items. Because Waiver of Premium is a benefit, GLIC creates a separate reserve for waived premiums at the time of claim for each policy. In doing so, the premiums are still earned because GLIC is providing coverage while the policyholder is on claim. Thus, treating the waived premium as an additional claim

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Flex 1 NAIC Filing Checklist <br> October 2022

## CONFIDENTIAL

item is consistent with an earned and incurred definition of premium and claims, respectively.
3. When calculating historical premium, GLIC models a policyholder as paying premiums until they leave the experience pool. To model historical waived premium as an absence of premium, additional model complexity would be required. GLIC believes that this additional model complexity would not be matched in additional value to our current modeling methodology. Removing waiver of premium from the cash flows is not expected to have significant impact in the lifetime loss ratio presented in Exhibits I and II of the Actuarial Memorandum, and therefore GLIC believes that there is no additional value added.
iii. Describe current practices with dates and quantification of the effect of any underwriting changes. Describe how adjustments to experience from policies with less restrictive underwriting are applied to claims expectations associated with policies with more restrictive underwriting.

GLIC does not isolate underwriting specifically in order to quantify the effect of changes when conducting its analysis. Underwriting is considered an underlying assumption included in establishing our lapse, mortality, and morbidity assumptions. For Flex 1, we do not utilize experience from other products when setting most of the assumptions. For assumptions where experience is blended (CTs/BURs) there is no sufficient evidence that underwriting at issue impacts the assumptions.
D. A demonstration that actual and projected costs exceed anticipated costs and the margin.

Please refer to Exhibit VI in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx" provided with the filing for a calendar year nationwide exhibit that demonstrates how actual and projected future costs compare to anticipated pricing costs. As observed in Exhibit VI, the past actual loss ratio is higher than the expected. Due to the impact of rate actions and the use of best estimate assumptions in the projections, the future best estimate loss ratio is lower than the expected originally expected. However, the actual/best estimated lifetime loss ratio is considerably higher than the expected, demonstrating that in the overall life of the product the actual and projected costs exceed anticipated costs and the margin.

Please also refer to Exhibits XI-XII for the durational A/E's using original pricing assumptions provided in the in the file: "VA Flex 1 Additional Exhibits 20221021.xIsx".
E. The method and assumptions used in determining projected values should be reviewed in light of reported experience and compared to the original pricing assumptions and current assumptions.

## i. Provide applicable actual-to-expected ratios regarding key assumptions.

Please refer to Exhibits VII-X in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx" for current assumption durational A/E exhibits. Please refer to Exhibits XI-XII in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx" for original pricing A/E durational exhibits.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Flex 1 NAIC Filing Checklist
October 2022
CONFIDENTIAL
ii. Provide justification for any change in assumptions.

Please refer to Section 8 of the Actuarial Memorandum.
F. Combined morbidity experience from different forms with similar benefits, whether from inside or outside the company, where appropriate to result in more credible historical claims as the basis for future claim costs.
Please refer to Section 8 of the Actuarial Memorandum.
i. Explain the relevance of any data sources and resulting adjustments made relevant to the current filing, particularly regarding the morbidity assumption.
Please refer to Section 8 of the Actuarial Memorandum.
ii. A comparison of the population or industry study to the in-force related to the filing should be performed, if applicable.
For nationwide experience projections, please refer to Exhibits I-II of the Actuarial Memorandum. For State Specific projections, please refer to Exhibits III-IV in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
iii. Explain how claims cost expectations at older ages and later durations are developed if data is not fully credible at those ages and durations.
Claim cost expectations come from our morbidity assumptions. Morbidity assumptions contain four distinct pieces; incidence, claim situs, claim termination rates and utilization.

Utilization is somewhat different by attained age but there is little differentiation in the assumptions at ages where there is limited claims experience.

Similarly, the claim termination rates differ by age at claim and duration. GLIC termination rates at the oldest ages/later durations are a blend of company experience and baseline rates from a consulting firm.

The final assumptions for incidence are a credibility weighting of two separate assumption studies that we have classified, and detailed below, as direct derived and baseline.
a. The direct derived assumptions are based on updated studies of inception-to-date company experience.
b. The baseline assumption is a frozen long-term estimate of healthy life incidence. It is primarily a healthy-life translation of 2014 CFT assumptions and reflects input from an actuarial consulting firm at the oldest ages.
c. The final assumption reflects the long-term estimate for durations and ages where the Company does not have credible experience, reflects the direct derived estimate for durations and ages where Company experience is fully credible, and

# Flex 1 NAIC Filing Checklist 

October 2022

## CONFIDENTIAL

reflects a weighted average of the two assumption sets for durations and ages which are partially credible. Over time, the final assumption is weighted more and more towards recent Company experience.
iv. Provide the year of the most recent morbidity experience study.

Please refer to Section 8 of the Actuarial Memorandum. Please also refer to Exhibits VII-X in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
G. Information (from NAIC Guidance Manual for Rating Aspect of the Long-Term Care Insurance Model Regulation, "Guidance Manual" Q\&A): Morbidity, Lapse, Mortality, Interest
i. Comparison with asset adequacy testing reserve assumptions
a) Explain the consistency regarding actuarial assumptions between the rate increase filing and the most recent asset adequacy (reserve) testing filing.

Please refer to Section 8 of the Actuarial Memorandum.
b) Additional reserves that the company is holding above NAIC Model Reg 10 formula reserves should be provided, (such as premium deficiency reserves and Actuarial Guideline 51 reserves).

Please refer to Section 10 of the Actuarial Memorandum.
ii. Assumptions Template in Appendix 6 of the NAIC Guidance Manual for Rating Aspect of the Long-Term Care Insurance Model Regulation (Guidance Manual) (for policies issued after 2017, where applicable)

Not Applicable.
iii. Provide actuarial assumptions from original pricing and most recent rate increase filing, and have the original actuarial memorandum available upon request.

Please refer to Section 8 of the Actuarial Memorandum. For original pricing lapse and mortality assumptions, please also refer to Exhibits XI and XII in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx". Please note that the expected rates in column G of Exhibit XI reflect the mix of the two sets of lapse rates stated in Section 8 of the Actuarial Memorandum. For morbidity assumptions, please note that only best estimate sample cells have been provided, as the product was priced using claim costs which are both cumbersome and difficult to summarize.

## Flex 1 NAIC Filing Checklist

October 2022
CONFIDENTIAL
H. Guidance Manual Checklist items: summaries (including past rate adjustments); average premium; distribution of business, including rate increases by state; underwriting; policy design and margins; actuarial assumptions; experience data; loss ratios; rationale for increase; reserve description

Please refer to the Actuarial Memorandum and Exhibit III "Status of Filings" in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
I. Assert that analysis complies with actuarial standards of practice, including 18 \& 41 .

Please refer to Memorandum Supplement in the Actuarial Memorandum
J. Numerical exhibits should be provided in Excel spreadsheets with active formulas maintained, where possible.

The excel spreadsheets for each respective exhibit have been provided in in the in the file: "VA Flex 1 Additional Exhibits 20221021.xlsx".
4. Rate Comparison Statement of renewal premiums with new business premiums.

Please refer to Section 9.1 of the Actuarial Memorandum.
5. Policyholder notification letter - should be clear and accurate.

Please refer to the Policyholder Notification Letter.
A. Provide a description of options for policyholders in lieu of or to reduce the increase.

Please refer to the Policyholder Notification Letter.
B. If inflation protection is removed or reduced, is accumulated inflation protection vested?

Please refer to the Policyholder Notification Letter.
C. Explain the comparison of value between the rate increase and policyholder options.

Please refer to the Policyholder Notification Letter.
D. Are future rate increases expected if the rate increase is approved in full? If so, how is this communicated to policyholders?

Please refer to the Policyholder Notification Letter.
E. How are partnership policies addressed?

# Genworth Life Insurance Company <br> Address: 6620 West Broad Street, Richmond, VA 23230 <br> Company NAIC No: 70025 

## Flex 1 NAIC Filing Checklist <br> October 2022

CONFIDENTIAL

Please refer to the Policyholder Notification Letter.
6. Actuarial certification and rate stabilization information, as described in the Guidance Manual and Contingent benefit upon lapse information, including reserve treatment.

Please refer to Memorandum Supplement in the Actuarial Memorandum

# Flex 1 NAIC Filing Checklist <br> October 2022 

## CONFIDENTIAL

## Note regarding this document:

Commissioners on the Long-Term Care Insurance ( $B / E$ ) Task Force requested that the LTC Pricing Subgroup develop a single checklist that reflects significant aspects of LTC rate increase review inquiries from all of the states. In this context, "checklist" means the list of inquiries (often a template) that states typically send at the beginning of reviews of rate increase filings.

This document contains aspects of the NAIC Guidance Manual and checklists developed by several other states. This single checklist is not intended to prevent a state from asking for additional information. The intent is to take a step toward moving away from 50 states having 50 different checklists in order to have a more efficient process nationally to provide the most important information needed to determine an approvable rate increase. To keep the template a manageable length, it is anticipated that this template will result in states attaining 90 to 100 percent of the information necessary to make a decision about determining approvable rate increases. State and block specifics will generate the other zero to 10 percent of requests.

This consolidated checklist, along with an accompanying list of state-specific questions, can be presented to the LTC B/E Task Force prior to or at the March 2018 NAIC national meeting. As states apply this checklist, an improved version may be considered for future addition to the Guidance Manual.

Yetgana Postie

Tetyana Dostie, A.S.A, M.A.A.A
Actuary
Genworth Life Insurance Company
October 2022

NOTE: This document is intended to assist carriers in preparing LTCI rate increase filings for review and approval by the Bureau of Insurance. It provides guidance based on current Virginia laws and regulations. It should be noted, however, that this checklist should not be used exclusive of other important resources, including, but not limited to, any and all other applicable state insurance laws and associated rules and regulations. Note that some regulatory references in the Comments column are approximate. It is the responsibility of the carriers to verify that their products comply with all relevant statutory and regulatory requirements.

| REVIEW <br> REQUIREMENTS | REFERENCES | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
| Source of Filing | 14 VAC 5-101-40 | Filings shall be submitted in SERFF. Third-party filing <br> authorization must be included. | Acknowledged |
|  | 14 VAC5-101-50 C 1 | Filing description must include the type of insurance form, <br> including a description of the form and the market for which <br> the form is intended; and intentions to concentrate on a <br> specialized market should be noted. | Acknowledged |
|  | 14VAC5-101-50 C 2 | Filing description must include the form number of each <br> form that is being filed. | Acknowledged |
| General Information <br> Filing Description | 14 VAC5-101-50 C 3 | Filing description must state whether submitted form is <br> new, or if replacing, revising, or modifying a previously <br> approved form, the exact changes that are intended. | Acknowledged |
|  | 14VAC5-101-50 C 4 | Filing description must identify any change in benefits and <br> indicate whether the change affects premium rates for the <br> form. | Acknowledged |
|  | $14 V A C 5-101-50$ C 5 | Filing description must state if approval of a form submitted <br> has been withdrawn by another regulatory body and the <br> reasons for such a withdrawal. | Acknowledged |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW <br> REQUIREMENTS | REFERENCES | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  | 14VAC5-101-50 F | Any form filed that is to be used with a previously approved <br> form, including an application, shall identify the form <br> number, approval date, and SERFF or state tracking <br> number in the new filing. | N/A |
|  | 14VAC5-101-50 G | Any amendment, endorsement, or rider that intends to <br> revise a previously approved form shall be accompanied <br> by the previously approved form filed as supporting <br> documentation. | Acknowledged |
| Form Number | 14VAC5-101-60 1 | Form Number must appear in the lower left-hand corner of <br> the first page of the form. It shall consist of numbers, <br> letters, or a combination of both. The form number shall <br> distinguish the form from all other forms used by the <br> company. | N/A |
| Company Name and Address | 14VAC5-101-60 2 | Full and proper name (including "Inc.") must appear <br> prominently on first page or cover sheet of all forms. Home <br> office address must be included on first page of any policy,, <br> application, or enrollment form. | N/A |
| Marketing Name or Logo | 14VAC5-101-60 3 | A marketing name or logo also may be used on the form, <br> provided that the marketing name or logo does not mislead <br> as to the identity of the company. | N/A |
|  | 14VAC5-101-60 4 | The cover page of a policy also shall include the address <br> of an office that will administer the policy if different from <br> the home office, a company telephone number, and <br> company website address. | N/A |
| Final Form | Electronic Version | 14VAC5-101-60 5 | Form must be submitted in "final form" and in "John Doe <br> fashion" to indicate its intended use. |
| Readability | 14VAC5-101-60 6 | Each form that is to be used in an electronic version shall <br> be filed in a format that matches the electronic version <br> exactly. | N/A |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

Review Requirements Checklist
FOR REVISION TO LONG-TERM CARE INSURANCE (LTCI) RATES

| REVIEW <br> REQUIREMENTS | REFERENCES | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  | 14VAC5-101-70 C | Defined words and terms shall be placed in a separate <br> definition section that is clearly identified, unless only used <br> in one section. | N/A |
| Type Size | 14VAC5-101-70 E | Any form submitted for review or approval shall be printed <br> in at least 10-point type size. | N/A |
| Variability | 14VAC5-101-70 F | Any policy shall achieve a minimum Flesch reading <br> ease score of 50 or an equivalent score using another <br> comparable test, unless otherwise specified by statute, <br> or an exception requested pursuant to 14 VAC 5-101- <br> 70 G. | Acknowledged |
|  | 14 VAC5-101-80 | A. Use of variable bracketed information shall be limited. <br> All variable information shall be clear, easily understood <br> and fully explain each use of the variable language. <br> B. Administrative information, such as officer names, titles <br> and signatures, contact information, or company logo may <br> be presented as variable bracketed text. <br> C. Different types of benefits may be variable only for <br> inclusion or exclusion within the form. The use of brackets <br> within brackets is not permitted, except when variability is <br> necessary to identify a period of time or other numeric <br> value. <br> D. Each instance of variable text shall appear in brackets <br> on a form and shall be separately and completely <br> explained in detail in a Statement of Variability document. <br> Each explanation of variability shall appear in the same <br> order that it appears on the form. <br> E. Requests for revisions to a Statement of Variability <br> contained in a previously approved filing shall be <br> accomplished by notification in the original filing. |  |


| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
| Filing a Rate Revision | 14 VAC 5-130-70 A | (i) New rate sheet; | Current/Proposed Rate Schedule |
|  |  | (ii) All information required by SERFF. | Acknowledged |
|  | 14 VAC 5-130-70 B | Actuarial Memorandum | See Act Memo |
|  | 14VAC5-130-70 B 1 | A description of the type of policy, including benefits, renewability, issue age limits, and if applicable, whether the policy includes grandfathered, non-grandfathered plans, or both. | Act Memo Section 4, 5 |
|  | 14VAC5-130-70 B 2 | The scope and reason for the premium or rate revision. | Act Memo, Section 2 |
|  | 14VAC5-130-70 B 3 | A comparison of the revised premiums with the current premium scale, including all percentage rate changes and any rating factor changes. | Act Memo, Current/Proposed Rate Schedule |
|  | 14VAC5-130-70 B 4 | A statement of whether the revision applies only to new business, only to in-force business, or to both. | Act Memo, Section 1 |
|  | 14VAC5-130-70 B 5 | The estimated average annual premium per policy and per member, before and after the proposed rate revision. If different changes by rating classification are requested, the filing also must include: <br> (i) Range of changes; and <br> (ii) Average overall change, including a detailed explanation of how the change was determined. | Act Memo, Supplement |
|  | 14VAC5-130-70 B 6 | The following is applicable to all coverage with the exception of coverage issued in the small group market: <br> (i) Projections for future experience, and Virginia and national historical experience of earned premiums, paid claims, incurred claims and loss from inception through most recent quarter. Virginia and national experience should be shown separately. Missing experience should be estimated with all estimation assumptions and methodologies provided in detail; <br> (ii) A statement of the basis for determining the rate revision (Virginia, national, or blended); and | Exhibit I \& II |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | (iii) If blended, provide the credibility factor assigned to the national experience. | Act Memo, Section 9 |
|  | 14VAC5-130-70 B 7 | Details and dates of all past rate revisions, including annual rate revisions members will experience resulting from this filing. If a company only revises rates annually, the rate revision must be identical to the current submission. If a company has had more frequent rate revisions, the annual revision must reflect the compounding impact of all revisions for the past 12 months. | Act Memo, Section 9 |
|  | 14VAC5-130-70 B 8 | A description of how revised rates were determined, including the general description and source of each assumption of Form 130-A. For claims, provide historical and projected claims by major service category for both cost and utilization on Form 130-B. | Act Memo, Section 8 |
|  | 14VAC5-130-70 B 9 | If the rate revision applies to new business, provide the anticipated loss ratio and a description of how it was calculated. | N/A |
|  | 14VAC5-130-70 B 10 | If the rate revision applies to in-force business provide: <br> (a) The anticipated loss ratio and a description of how it was calculated; and <br> (b) The estimated cumulative loss ratio, historical and anticipated, and a description of how it was calculated. | Act Memo, Section 9, Exhibit I, II |
|  | 14VAC5-130-70 B 11 | The loss ratio that was originally anticipated for the policy. | Act Memo, Section 9 |
|  | 14VAC5-130-70 B 12 | If $9,10 a$, or 10 b is less than 11 , supporting documentation for the use of such premiums or rates. | N/A |
|  | 14VAC5-130-70 B 13 | The current number of Virginia and national members to which the revision applies for the most recent month for which such data is available, and either premiums in force, premiums earned, or premiums collected for such | Act Memo, Section 1 |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | members in the year immediately prior to the filing of the rate revision. |  |
|  | 14VAC5-130-70 B 14 | Certification by a qualified actuary that, to the best of the actuary's knowledge and judgment, the rate filing is in compliance with applicable laws and regulations of this Commonwealth and the premiums are reasonable in relation to the benefits provided. | Act Memo, Section 14 |
| Policyholder Letter Review | 14VAC5-200-75 A | Other than policies for which no applicable premium rate or rate schedule increases can be made, insurers shall provide all of the information listed in this subsection to the applicant at the time of application or enrollment, unless the method of application does not allow for delivery at that time. In such a case, an insurer shall provide all the information listed in this section to the applicant no later than at the time of delivery of the policy or certificate. | Policyholder Notification Letter |
|  | 14VAC5-200-75 A 1 | A statement that the policy may be subject to rate increases in the future; | Policyholder Notification Letter |
|  | 14VAC5-200-75 A 2 | An explanation of potential future premium rate revisions, and the policyholder's or certificateholder's option in the event of a premium rate revision; | Policyholder Notification Letter |
|  | 14VAC5-200-75 A 3 | The premium rate or rate schedules applicable to the applicant that will be in effect until a request is made for an increase; | Policyholder Notification Letter |
|  | 14VAC5-200-75 A 4 | A general explanation for applying premium rate or rate schedule adjustments that shall include: <br> a. A description of when premium rate or rate schedule adjustments will be effective (e.g., next anniversary date, next billing date, etc.); and <br> b. The right to a revised premium rate or rate schedule as provided in subdivision 2 of this subsection if the premium rate or rate schedule is changed; | Policyholder Notification Letter |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW <br> REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  | 14VAC5-200-75 D | An insurer shall provide notice of an upcoming premium <br> rate schedule increase to all policyholders or certificate <br> holders, if applicable, at least 75 days prior to the <br> implementation of the premium rate schedule increase by <br> the insurer. Such notice shall be filed with the commission <br> at the time the premium rate increase is filed. The notice <br> shall include at least the following information: | Acknowledged <br> Policyholder Options |
| 14VAC5-200-75 D 1 | All applicable information identified in subsection A of this <br> section when the rate <br> increase is implemented; | Policyholder Notification Letter |  |
|  |  | Aclear explanation of options available to the policyholder <br> as alternatives to paying the increased premium amount, <br> including: <br> a. An offer to reduce policy benefits provided by the <br> current coverage consistent with the requirements of <br> 14VAC5-200-183; <br> b. A disclosure stating that all options available to the <br> policyholder may not be of equal value; <br> c. In the case of a partnership policy, a disclosure that <br> some benefit reduction options may result in a loss in <br> partnership status that may reduce policyholder <br> protections; and <br> d. Contact information that will allow the policyholder to <br> contact the insurer for <br> additional options available; |  |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | for public inspection and may be accessed online through the Virginia Bureau of Insurance's webpage at www.scc.virginia.gov/BOI. |  |
| Pre-Rate Stability | 14VAC5-200-150 A | This section applies to any premium rate increase filed with the commission on or after September 1, 2015, for any long-term care insurance policy issued in this Commonwealth before October 1, 2003. | Acknowledged |
| Reasonableness of Benefits | 14VAC5-200-150 B | Benefits under individual long-term care insurance policies shall be deemed reasonable in relation to premiums provided the expected loss ratio is the greater of $60 \%$ or the lifetime loss ratio used in the original pricing applied to the current rate schedule plus: <br> (i) $80 \%$ applied to any premium rate increase for individual policy forms or, <br> (ii) $75 \%$ applied to any premium rate increase on group policy forms. | Supplement |
|  |  | In evaluating the expected loss ratio, due consideration shall be given to all relevant factors, including: |  |
|  | 14VAC5-200-150 B 1 | Statistical credibility of incurred claims experience and earned premiums. | Act Memo, Section 9 |
|  | 14VAC5-200-150 B 2 | The period for which rates are computed to provide coverage. | Lifetime |
|  | 14VAC5-200-150 B 3 | Experienced and projected trends; | Act Memo, Section 8 |
|  | 14VAC5-200-150 B 4 | Concentration of experience within early policy duration; | Exhibit I |
|  | 14VAC5-200-150 B 5 | Expected claim fluctuation; | Act Memo, Section 8 |
|  | 14VAC5-200-150 B 6 | Experience refunds, adjustments or dividends. | Exhibit I |
|  | 14VAC5-200-150 B 7 | Renewability features; | Act Memo, Section 4 |
|  | 14VAC5-200-150 B 8 | All appropriate expense factors; | Act Memo, Section 8 |
|  | 14VAC5-200-150 B 9 | Interest; | Act Memo, Section 8 |
|  | 14VAC5-200-150 B 10 | Experimental nature of the coverage; | N/A |
|  | 14VAC5-200-150 B 11 | Policy reserves; | Act Memo, Section 10 |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW |  |  |  |
| :--- | :--- | :--- | :--- |
| REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
|  | 14VAC5-200-150 B 12 | Mix of business by risk classification; and | Act Memo, Supplement |
|  | 14VAC5-200-150 B 13 | Product features such a long elimination periods, high <br> deductibles and high maximum limits. | Act Memo, Supplement |

[^9]| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | premiums paid, if the policy complies with all the following provisions: | N/A |
|  | 14VAC5-200-150 F 1 | The interest credited internally to determine cash value accumulations, including long term care, if any, are guaranteed not to be less than the minimum guaranteed interest rate for cash value accumulations without longterm care set forth in the policy; | N/A |
|  | 14VAC5-200-150 F 2 | The portion of the policy that provides life insurance benefits meets the nonforfeiture requirements of Chapter 32 (§ 38.2-3200 et seq.) of Title 38.2 of the Code of Virginia; | N/A |
|  | 14VAC5-200-150 F 3 | If an application for a long-term care insurance contract or certificate is approved, the issuer shall deliver the contract or certificate of insurance to the applicant no later than 30 days after the date of approval; | N/A |
|  | 14VAC5-200-150 F 4 | At the time of policy delivery, a policy summary shall be delivered for an individual life insurance policy that provides long-term care benefits within the policy or by rider. In the case of direct response solicitations, the insurer shall deliver the policy summary upon the applicant's request, but regardless of request shall make delivery no later than at the time of policy delivery. In addition to complying with all applicable requirements, the summary shall also include: | N/A |
|  |  | a. An explanation of how the long-term care benefit interacts with other components of the policy, including deductions from death benefits; | N/A |
|  |  | b. An illustration of the amount of benefits, the length of benefit, and the guaranteed lifetime benefits, if any, for each covered person; | N/A |
|  |  | c. Any exclusions, reductions and limitations on benefits of long-term care; | N/A |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | d. A statement that any long-term care inflation protection option required by 14VAC5-200-100 is not available under this policy; | N/A |
|  |  | e. If applicable to the policy type, the summary shall also include: <br> (1) A disclosure of the effects of exercising other rights under the policy; <br> (2) A disclosure of guarantees related to long-term care costs of insurance charges; and <br> (3) Current and projected maximum lifetime benefits; and | N/A |
|  |  | f. The provisions of the policy summary listed above may be incorporated into a basic illustration or into the life insurance policy summary; | N/A |
|  | 14VAC5-200-150 F 5 | Any time a long-term care benefit, funded through a life insurance vehicle by the acceleration of the death benefit, is in benefit payment status, a monthly report shall be provided to the policyholder. The report shall include: | N/A |
|  |  | a. Any long-term care benefits paid out during the month; | N/A |
|  |  | b. An explanation of any changes in the policy (e.g., death benefits or cash values) due to long-term care benefits being paid out; and | N/A |
|  |  | c. The amount of long-term care benefits existing or remaining; | N/A |
|  | 14VAC5-200-150 F 6 | Any policy illustration that meets the applicable requirements of 14VAC5-41; and | N/A |
|  | 14VAC5-200-150 F 7 | An actuarial memorandum is filed with the Bureau of Insurance that includes: | N/A |
|  |  | a. A description of the basis on which the long-term care rates were determined; | N/A |
|  |  | b. A description of the basis for the reserves; | N/A |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW <br> REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  |  | c. A summary of the type of policy, benefits, <br> renewability, general marketing method, and limits on <br> ages of issuance; <br> d. A description and a table of each actuarial <br> assumption used. For expenses, an insurer must include <br> percentage of premium dollars per policy and dollars per <br> unit of benefits, if any; | N/A |
|  |  | e. A description and a table of the anticipated policy <br> reserves and additional reserves to be held in each future <br> year for active lives; <br> f. The estimated average annual premium per policy <br> and the average issue age; | N/A |
|  |  | g. A statement as to whether underwriting is performed <br> at the time of application. The statement shall indicate <br> whether underwriting is used and, if used, the statement <br> shall include a description of the type or types of <br> underwriting used, such as medical <br> underwriting or functional assessment underwriting. <br> Concerning a group policy, the statement shall indicate <br> whether the enrollee or any dependent will be <br> underwritten and when underwriting occurs; and |  |
|  |  | h. A description of the effect of the long-term care policy <br> provision on the required premiums, nonforfeiture values <br> and reserves on the underlying life insurance policy, both <br> for active lives and those in long-term care claim status. | N/A |
| This section applies to any premium rate increase filed |  |  |  |
| Post-Stability Policies |  | Acknowledged |  |
| with the commission on or after September 1, 2015, for |  |  |  |
| any long-term care insurance policy issued in this |  |  |  |
| Commonwealth on or after October 1, 2003, but prior to |  |  |  |
| September 1, 2015. |  |  |  |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

Review Requirements Checklist
FOR REVISION TO LONG-TERM CARE INSURANCE (LTCI) RATES

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | exceptional increase, prior to the notice to the policyholders and shall include: | Acknowledged |
|  | 14VAC5-200-153 B 1 | Information required by 14VAC5-200-75; | Acknowledged |
|  | 14VAC5-200-153 B 2 | Certification by a qualified actuary that: | Act Memo, Section 14 |
|  |  | a. If the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect moderately adverse conditions, are realized, no further premium rate schedule increases are anticipated; and | Act Memo, Section 14 |
|  |  | b. The premium rate filing is in compliance with the provisions of this section; | Act Memo, Section 14 |
|  | 14VAC5-200-153 B 3 | An actuarial memorandum justifying the rate schedule change request that includes: |  |
|  |  | a. Lifetime projections of earned premiums and incurred claims based on the filed premium rate schedule increase and the method and assumptions used in determining the projected values, including reflection of any assumptions that deviate from those used for pricing other forms currently available for sale; | Exhibit I, II |
|  |  | (1) Annual values for the five years preceding and the three years following the valuation date shall be provided separately; | Exhibit I, II |
|  |  | (2) The projections shall include the development of the lifetime loss ratio, unless the rate increase is an exceptional increase; | Exhibit I, II |
|  |  | (3) The projections shall demonstrate compliance with subsection C of this section; and | Exhibit I, II |
|  |  | (4) For exceptional increases, |  |
|  |  | (a) The projected experience should be limited to the increases in claims expenses attributable to the approved reasons for the exceptional increase; and | Acknowledged |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | (b) In the event the commission determines as provided in the definition of exceptional increase in 14VAC5-200-40 that offsets may exist, the insurer shall use appropriate net projected experience; | Acknowledged |
|  |  | b. Disclosure of how reserves have been incorporated in this rate increase whenever the rate increase will trigger contingent benefit upon lapse; | Acknowledged |
|  |  | c. Disclosure of the analysis performed to determine why a rate adjustment is necessary, which pricing assumptions were not realized and why, and what other actions taken by the company have been relied on by the actuary; | Acknowledged |
|  |  | d. A statement that policy design, underwriting, and claims adjudication practices have been taken into consideration; | Acknowledged |
|  |  | e. If it is necessary to maintain consistent premium rates for new policies and policies receiving a rate increase, the insurer will need to file composite rates reflecting projections of new policies; and | Acknowledged |
|  |  | f. A demonstration that actual and projected costs exceed costs anticipated at the time of initial pricing under moderately adverse experience and that the composite margin is projected to be exhausted; | Acknowledged |
|  | 14VAC5-200-153 B 4 | A statement that renewal premium rate schedules are not greater than new business premium rate schedules except for differences attributable to benefits, unless sufficient justification is provided to the commission; and | Acknowledged |
|  | 14VAC5-200-153 B 5 | Sufficient information for review and approval of the premium rate schedule increase by the commission. | Acknowledged |
| Series Rate Increases |  | An insurer may request a series of scheduled rate increases that are actuarially equivalent to a single amount requested over the lifetime of the policy. The | Acknowledged |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020


Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW |  |  |  |
| :--- | :--- | :--- | :--- |
| REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
|  |  | d. 85\% of the present value of future projected <br> premiums not in subdivision 2 c of this <br> subsection on an earned basis; | Supplement |
|  | 14VAC5-200-153 C 3 | In the event that a policy form has both exceptional and <br> other increases, the values in subdivisions 2 b and d of <br> this subsection will also include 70\% for exceptional rate <br> increase amounts; and | Acknowledged |
|  | 14VAC5-200-153 C 4 | All present and accumulated values used to determine <br> rate increases shall use the maximum valuation interest <br> rate for contract reserves as specified in § 38.2-1371 of <br> the Code of Virginia. The actuary shall disclose as part of <br> the actuarial memorandum the use of any appropriate <br> averages. | Acknowledged |
|  | 14VAC5-200-153 D | For each rate increase that is implemented, the insurer <br> shall file for approval by the commission updated <br> projections, as defined in subdivision B 3 a of this section, <br> annually for the next three years and include a <br> comparison of actual results to projected values. The <br> commission may extend the period to greater than three <br> years if actual results are not consistent with projected <br> values from prior projections. For group insurance policies <br> that meet the conditions in subsection K of this section, <br> the projections required by subdivision B 3 a of this <br> section shall be provided to the policyholder in lieu of filing <br> with the commission. |  |


| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | this section. For group insurance policies that meet the conditions in subsection K of this section, the projections required by this subsection shall be provided to the policyholder in lieu of filing with the commission. | Acknowledged |
| Premium Rate Increases for Policies Issued After September 1, 2015. | 14VAC5-200-154 A | An insurer shall request the commission's approval of a pending premium rate schedule increase, including an exceptional increase, prior to the notice to the policyholders and shall include: | N/A |
|  | 14VAC5-200-154 A 1 | Information required by 14VAC5-200-75; | N/A |
|  | 14VAC5-200-154 A 2 | Certification by a qualified actuary that: | N/A |
|  |  | a. If the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect moderately adverse conditions, are realized, no further premium rate schedule increases are anticipated; and | N/A |
|  |  | b. The premium rate filing is in compliance with the provisions of this section; | N/A |
|  | 14VAC5-200-154 A 3 | An actuarial memorandum justifying the rate schedule change request that includes: | N/A |
|  |  | a. Lifetime projections of earned premiums and incurred claims based on the filed premium rate schedule increase and the method and assumptions used in determining the projected values, including reflection of any assumptions that deviate from those used for pricing other forms currently available for sale; | N/A |
|  |  | (1) Annual values for the five years preceding and the three years following the valuation date shall be provided separately; | N/A |
|  |  | (2) The projections shall include the development of the lifetime loss ratio, unless the rate increase is an exceptional increase; | N/A |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW <br> REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  |  | (3) The projections shall demonstrate compliance with <br> subsection B of this section; and <br> (4) For exceptional increases: | N/A |
|  |  | (a) The projected experience should be limited to the <br> increases in claims expenses attributable to the approved <br> reasons for the exceptional increase; and | N/A |
|  |  | (b) In the event the commission determines as <br> provided in the definition of exceptional increase in <br> 14VAC5-200-40 that offsets may exist, the insurer shall <br> use appropriate net projected experience; | N/A |
|  |  | b. Disclosure of how reserves have been incorporated <br> in this rate increase whenever the rate increase will trigger <br> contingent benefit upon lapse; | N/A |
|  |  | c. Disclosure of the analysis performed to determine <br> why a rate adjustment is necessary, which pricing <br> assumptions were not realized and why, and what other <br> actions taken by the company have been relied on by the <br> actuary; | N/A |
|  |  | d. A statement that policy design, underwriting, and <br> claims adjudication practices have been taken into <br> consideration; | N/A |
|  |  | e. In the event that it is necessary to maintain <br> consistent premium rates for new policies and policies <br> receiving a rate increase, the insurer will need to file <br> composite rates reflecting projections of new policies; and | N/A |
| f. A demonstration that actual and projected costs <br> exceed costs anticipated at the time of initial pricing under <br> moderately adverse experience and that the composite <br> margin is projected to be exhausted; | N/A |  |  |
|  |  | A statement that renewal premium rate schedules are not <br> greater than new business premium rate schedules | N/A |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :---: | :---: | :---: | :---: |
|  |  | except for differences attributable to benefits, unless sufficient justification is provided to the commission; and | N/A |
|  | 14VAC5-200-154 A 5 | Sufficient information for review and approval of the premium rate schedule increase by the commission. | N/A |
|  | 14VAC5-200-154 B | All premium rate schedule increases shall be determined in accordance with the following requirements: | N/A |
| Exceptional Increases | 14VAC5-200-154 B 1 | Exceptional increases shall provide that $70 \%$ of the present value of projected additional premiums from the exceptional increase will be returned to policyholders in benefits; | N/A |
|  | 14VAC5-200-154 B 2 | Premium rate schedule increases shall be calculated such that the sum of the lesser of (i) the accumulated value of actual incurred claims, without the inclusion of active life reserves, or (ii) the accumulated value of historic expected claims without the inclusion of active life reserves, plus the present value of the future expected incurred claims, projected without the inclusion of actual life reserves, will not be less than the sum of the following: | N/A |
|  |  | a. The accumulated value of the initial earned premium times the greater of (i) $58 \%$ and (ii) the lifetime loss ratio consistent with the original filing including margins for moderately adverse experience; | N/A |
|  |  | b. $85 \%$ of the accumulated value of prior premium rate schedule increases on an earned basis; | N/A |
|  |  | c. The present value of future projected initial earned premiums times the greater of (i) $58 \%$ and (ii) the lifetime loss ratio consistent with the original filing including margins for moderately adverse experience; and | N/A |


| REVIEW |  |  |  |
| :--- | :--- | :--- | :--- |
| REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
|  |  | d. 85\% of the present value of future projected <br> premiums not in subdivision 2 c of this subsection on an <br> earned basis; | N/A |
|  | 14VAC5-200-154 B 3 | Expected claims shall be calculated based on the original <br> filing assumptions assumed until new assumptions are <br> filed as part of a rate increase. New assumptions shall be <br> used for all periods beyond each requested effective date <br> of a rate increase. Expected claims are calculated for <br> each calendar year based on the in-force policies at the <br> beginning of the calendar year. Expected claims shall <br> include margins for moderately adverse experience; <br> either amounts included in the claims that were used to <br> determine the lifetime loss ratio consistent with the <br> original filing or as modified in any rate increase filing; |  |
|  | 14VAC5-200-154 B 4 | In the event that a policy form has both exceptional and <br> other increases, the values in subdivisions 2 b and d of <br> this subsection will also include 70\% for exceptional rate <br> increase amounts; and | N/A |
|  | 14VAC5-200-154 B 5 | All present and accumulated values used to determine <br> rate increases, including the lifetime loss ratio consistent <br> with the original filing reflecting margins for moderately <br> adverse experience, shall use the maximum valuation <br> interest rate for contract reserves as specified in § 38.2- <br> 1371 of the Code of Virginia. The actuary shall disclose <br> as part of the actuarial memorandum the use of any <br> appropriate averages. |  |

Revision to Long-Term Care Insurance (LTCI) Rates Checklist
Virginia $1^{\text {st }}$ Edition July 2001
Updated: October 2020

| REVIEW <br> REQUIREMENTS | REFERENCE | COMMENTS | FILER'S NOTES |
| :--- | :--- | :--- | :--- |
|  |  | commission may extend the period to greater than three <br> years if actual results are not consistent with projected <br> values from prior projections. For group insurance policies <br> that meet the conditions in subsection J of this section, <br> the projections required by subdivision A 3 a of this <br> section shall be provided to the policyholder in lieu of filing <br> with the commission. | N/A |
|  | 14VAC5-200-154 D | If any increased premium rate in the revised premium rate <br> schedule is greater than 200\% of the comparable rate in <br> the initial premium schedule, the premiums exceeding <br> 200\% shall be clearly identified and lifetime projections, <br> as defined in subdivision A 3 a of this section, shall be <br> filed for approval by the commission every five years <br> following the end of the required period in subsection C of <br> this section. For group insurance policies that meet the <br> conditions in subsection J of this section, the projections <br> required by this subsection shall be provided to the <br> policyholder in lieu of filing with the commission. |  |

## Access to Administrative Letters, Administrative Orders, Regulations and Laws is available at: http://www.scc.virginia.gov/boi/laws.aspx

The Rates Section of the Life and Health Division reviews long-term care insurance rate revisions. Please contact the assigned rates examiner or this section directly at (804) 371-9348 if you have questions or need additional information about this line of insurance.

The Flesch reading ease score of the filed policy form is $\qquad$ .

I represent that a review of the enclosed form has been conducted, and I certify that, to the best of my knowledge and belief, each form submitted is consistent and complies with the requirements of Title 38.2 of the Code of Virginia and the applicable rules and regulations. I understand that a failure to comply with these requirements will result in a disapproval of the filing.

I hereby certify that I have reviewed the attached revision to the long-term care insurance rate filing and determined that it is in compliance with the Revision to Long-Term Care Insurance (LTCI) Rates checklist.

Signed: $\qquad$
Name (please print): Tetyana Dostie Title: Actuary
Company Name: Genworth Life Insurance Company
Date: $\underline{10 / 21 / 2022}$ Phone No: ( ) 888 436-9678
E-Mail Address: Tetyana.Dostie@genworth.com

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

Actuarial Memorandum
October 2022
CONFIDENTIAL
Exhibit la: Flex I Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO With Virginia Approved Rate Increase* without MAE
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies
4.50\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 155,234 | 0 | 0.0\% | 1.5875 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.5192 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.4537 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3911 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.3312 | 3,059 |
| 2016 | 11,693,994 | 2,116,954 | 18.1\% | 1.2739 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.2191 | 2,984 |
| 2018 | 11,419,009 | 756,716 | 6.6\% | 1.1666 | 2,950 |
| 2019 | 11,291,500 | 789,813 | 7.0\% | 1.1163 | 2,919 |
| 2020 | 11,202,067 | 2,282,987 | 20.4\% | 1.0683 | 2,898 |
| 2021 | 11,090,374 | 1,575,186 | 14.2\% | 1.0223 | 2,871 |
| 2022 | 9,394,722 | 2,387,763 | 25.4\% | 0.9782 | 2,837 |
| 2023 | 10,391,509 | 2,872,254 | 27.6\% | 0.9361 | 2,808 |
| 2024 | 10,895,359 | 3,317,465 | 30.4\% | 0.8958 | 2,779 |
| 2025 | 10,745,371 | 3,795,651 | 35.3\% | 0.8572 | 2,747 |
| 2026 | 10,583,970 | 4,321,305 | 40.8\% | 0.8203 | 2,713 |
| 2027 | 10,405,002 | 4,870,330 | 46.8\% | 0.7850 | 2,677 |
| 2028 | 10,202,550 | 5,525,198 | 54.2\% | 0.7512 | 2,636 |
| 2029 | 9,990,195 | 6,300,855 | 63.1\% | 0.7188 | 2,591 |
| 2030 | 9,759,579 | 7,116,568 | 72.9\% | 0.6879 | 2,541 |
| 2031 | 9,509,327 | 7,908,892 | 83.2\% | 0.6583 | 2,485 |
| 2032 | 9,232,375 | 8,695,710 | 94.2\% | 0.6299 | 2,424 |
| 2033 | 8,938,523 | 9,782,917 | 109.4\% | 0.6028 | 2,358 |
| 2034 | 8,625,417 | 11,124,963 | 129.0\% | 0.5768 | 2,287 |
| 2035 | 8,294,036 | 12,389,183 | 149.4\% | 0.5520 | 2,211 |
| 2036 | 7,946,139 | 13,532,131 | 170.3\% | 0.5282 | 2,130 |
| 2037 | 7,583,297 | 14,555,387 | 191.9\% | 0.5055 | 2,045 |
| 2038 | 7,205,603 | 15,757,026 | 218.7\% | 0.4837 | 1,956 |
| 2039 | 6,814,119 | 17,117,927 | 251.2\% | 0.4629 | 1,862 |
| 2040 | 6,414,971 | 18,214,507 | 283.9\% | 0.4429 | 1,766 |
| 2041 | 6,009,037 | 19,156,962 | 318.8\% | 0.4239 | 1,666 |
| 2042 | 5,598,852 | 19,909,574 | 355.6\% | 0.4056 | 1,564 |
| 2043 | 5,186,471 | 20,513,345 | 395.5\% | 0.3882 | 1,461 |
| 2044 | 4,777,338 | 21,080,403 | 441.3\% | 0.3714 | 1,357 |
| 2045 | 4,376,581 | 21,277,339 | 486.2\% | 0.3554 | 1,255 |
| 2046 | 3,987,258 | 21,382,519 | 536.3\% | 0.3401 | 1,154 |
| 2047 | 3,613,442 | 21,384,188 | 591.8\% | 0.3255 | 1,056 |
| 2048 | 3,255,900 | 20,947,237 | 643.4\% | 0.3115 | 961 |
| 2049 | 2,915,434 | 20,208,717 | 693.2\% | 0.2981 | 869 |
| 2050 | 2,593,574 | 19,230,390 | 741.5\% | 0.2852 | 782 |
| 2051 | 2,295,735 | 18,300,803 | 797.2\% | 0.2729 | 700 |
| 2052 | 2,020,921 | 17,527,530 | 867.3\% | 0.2612 | 624 |
| 2053 | 1,768,801 | 16,637,255 | 940.6\% | 0.2499 | 553 |
| 2054 | 1,539,254 | 15,629,163 | 1015.4\% | 0.2392 | 487 |
| 2055 | 1,331,877 | 14,566,959 | 1093.7\% | 0.2289 | 428 |
| 2056 | 1,146,480 | 13,470,950 | 1175.0\% | 0.2190 | 374 |
| 2057 | 982,195 | 12,161,159 | 1238.2\% | 0.2096 | 325 |
| 2058 | 837,272 | 10,851,760 | 1296.1\% | 0.2006 | 282 |
| 2059 | 710,294 | 9,901,172 | 1394.0\% | 0.1919 | 243 |
| 2060 | 599,703 | 9,103,616 | 1518.0\% | 0.1837 | 209 |
| 2061 | 503,995 | 8,432,346 | 1673.1\% | 0.1758 | 179 |
| 2062 | 421,614 | 7,777,808 | 1844.8\% | 0.1682 | 153 |
| 2063 | 351,196 | 7,115,441 | 2026.1\% | 0.1609 | 130 |
| 2064 | 291,462 | 6,456,775 | 2215.3\% | 0.1540 | 110 |
| 2065 | 240,918 | 5,838,218 | 2423.3\% | 0.1474 | 93 |
| 2066 | 198,281 | 5,240,765 | 2643.1\% | 0.1410 | 78 |
| 2067 | 162,481 | 4,578,381 | 2817.8\% | 0.1350 | 66 |
| 2068 | 132,572 | 3,939,932 | 2971.9\% | 0.1291 | 55 |
| 2069 | 107,679 | 3,467,193 | 3219.9\% | 0.1236 | 45 |
| 2070 | 86,998 | 3,029,420 | 3482.2\% | 0.1183 | 37 |
| 2071 | 69,885 | 2,602,265 | 3723.7\% | 0.1132 | 30 |
| 2072 | 55,796 | 2,202,881 | 3948.1\% | 0.1083 | 25 |
| 2073 | 44,278 | 1,851,664 | 4181.9\% | 0.1036 | 20 |
| 2074 | 34,947 | 1,500,313 | 4293.1\% | 0.0992 | 16 |
| 2075 | 27,426 | 1,199,205 | 4372.5\% | 0.0949 | 12 |
| 2076 | 21,397 | 937,973 | 4383.6\% | 0.0908 | 10 |
| 2077 | 16,592 | 700,816 | 4223.8\% | 0.0869 | 7 |
| 2078 | 12,790 | 523,910 | 4096.4\% | 0.0832 | 6 |
| 2079 | 9,794 | 385,998 | 3941.1\% | 0.0796 | 4 |
| 2080 | 7,445 | 280,780 | 3771.2\% | 0.0762 | 3 |
| 2081 | 5,613 | 206,306 | 3675.2\% | 0.0729 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 138,258,995 | 9,241,411 | 6.7\% |  |  |
| Future: | 139,700,775 | 213,703,686 | 153.0\% |  |  |
| Lifetime: | 277,959,770 | 222,945,097 | 80.2\% |  |  |
| Lifetime with MAE: | 278,038,502 | 281,964,126 | 101.4\% |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

Actuarial Memorandum
October 2022
CONFIDENTIAL
Exhibit Ila: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested $94.1 \%$ Rate Increase* with MAE Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies
4.50\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 155,234 | 0 | 0.0\% | 1.5875 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.5192 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.4537 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3911 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.3312 | 3,059 |
| 2016 | 11,693,994 | 2,116,954 | 18.1\% | 1.2739 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.2191 | 2,984 |
| 2018 | 11,419,009 | 756,716 | 6.6\% | 1.1666 | 2,950 |
| 2019 | 11,291,500 | 789,813 | 7.0\% | 1.1163 | 2,919 |
| 2020 | 11,202,067 | 2,282,987 | 20.4\% | 1.0683 | 2,898 |
| 2021 | 11,090,374 | 1,575,186 | 14.2\% | 1.0223 | 2,871 |
| 2022 | 9,396,297 | 2,569,205 | 27.3\% | 0.9782 | 2,839 |
| 2023 | 13,652,617 | 3,291,683 | 24.1\% | 0.9361 | 2,812 |
| 2024 | 21,128,444 | 4,175,179 | 19.8\% | 0.8958 | 2,784 |
| 2025 | 20,852,655 | 4,902,013 | 23.5\% | 0.8572 | 2,753 |
| 2026 | 20,549,825 | 5,699,209 | 27.7\% | 0.8203 | 2,719 |
| 2027 | 20,208,773 | 6,525,132 | 32.3\% | 0.7850 | 2,682 |
| 2028 | 19,818,036 | 7,466,415 | 37.7\% | 0.7512 | 2,641 |
| 2029 | 19,405,637 | 8,555,710 | 44.1\% | 0.7188 | 2,595 |
| 2030 | 18,957,908 | 9,746,625 | 51.4\% | 0.6879 | 2,544 |
| 2031 | 18,472,742 | 10,962,481 | 59.3\% | 0.6583 | 2,488 |
| 2032 | 17,935,065 | 12,111,918 | 67.5\% | 0.6299 | 2,426 |
| 2033 | 17,363,964 | 13,466,858 | 77.6\% | 0.6028 | 2,359 |
| 2034 | 16,756,134 | 15,085,029 | 90.0\% | 0.5768 | 2,287 |
| 2035 | 16,113,769 | 16,606,634 | 103.1\% | 0.5520 | 2,211 |
| 2036 | 15,440,710 | 18,120,112 | 117.4\% | 0.5282 | 2,131 |
| 2037 | 14,737,813 | 19,643,235 | 133.3\% | 0.5055 | 2,046 |
| 2038 | 14,004,315 | 21,422,165 | 153.0\% | 0.4837 | 1,956 |
| 2039 | 13,242,134 | 23,421,483 | 176.9\% | 0.4629 | 1,862 |
| 2040 | 12,463,007 | 25,048,797 | 201.0\% | 0.4429 | 1,764 |
| 2041 | 11,668,617 | 26,436,167 | 226.6\% | 0.4239 | 1,664 |
| 2042 | 10,864,147 | 27,510,278 | 253.2\% | 0.4056 | 1,561 |
| 2043 | 10,054,181 | 28,324,537 | 281.7\% | 0.3882 | 1,456 |
| 2044 | 9,249,696 | 29,022,667 | 313.8\% | 0.3714 | 1,351 |
| 2045 | 8,462,631 | 29,174,614 | 344.7\% | 0.3554 | 1,247 |
| 2046 | 7,699,767 | 29,190,448 | 379.1\% | 0.3401 | 1,146 |
| 2047 | 6,968,242 | 29,053,887 | 416.9\% | 0.3255 | 1,047 |
| 2048 | 6,269,822 | 28,316,190 | 451.6\% | 0.3115 | 951 |
| 2049 | 5,606,200 | 27,164,858 | 484.6\% | 0.2981 | 860 |
| 2050 | 4,980,232 | 25,703,439 | 516.1\% | 0.2852 | 773 |
| 2051 | 4,402,195 | 24,322,464 | 552.5\% | 0.2729 | 691 |
| 2052 | 3,869,858 | 23,148,656 | 598.2\% | 0.2612 | 615 |
| 2053 | 3,382,500 | 21,811,693 | 644.8\% | 0.2499 | 544 |
| 2054 | 2,939,716 | 20,309,247 | 690.9\% | 0.2392 | 479 |
| 2055 | 2,540,518 | 18,738,964 | 737.6\% | 0.2289 | 420 |
| 2056 | 2,184,278 | 17,153,019 | 785.3\% | 0.2190 | 367 |
| 2057 | 1,869,118 | 15,319,586 | 819.6\% | 0.2096 | 319 |
| 2058 | 1,591,579 | 13,520,419 | 849.5\% | 0.2006 | 276 |
| 2059 | 1,348,803 | 12,203,962 | 904.8\% | 0.1919 | 238 |
| 2060 | 1,137,671 | 11,100,763 | 975.7\% | 0.1837 | 204 |
| 2061 | 955,198 | 10,175,054 | 1065.2\% | 0.1758 | 175 |
| 2062 | 798,335 | 9,281,857 | 1162.7\% | 0.1682 | 149 |
| 2063 | 664,408 | 8,398,875 | 1264.1\% | 0.1609 | 127 |
| 2064 | 550,908 | 7,533,155 | 1367.4\% | 0.1540 | 107 |
| 2065 | 454,955 | 6,730,630 | 1479.4\% | 0.1474 | 91 |
| 2066 | 374,076 | 5,968,047 | 1595.4\% | 0.1410 | 76 |
| 2067 | 306,208 | 5,144,688 | 1680.1\% | 0.1350 | 64 |
| 2068 | 249,538 | 4,369,125 | 1750.9\% | 0.1291 | 53 |
| 2069 | 202,401 | 3,791,527 | 1873.3\% | 0.1236 | 44 |
| 2070 | 163,272 | 3,265,150 | 1999.8\% | 0.1183 | 36 |
| 2071 | 130,931 | 2,763,739 | 2110.8\% | 0.1132 | 29 |
| 2072 | 104,344 | 2,302,183 | 2206.3\% | 0.1083 | 24 |
| 2073 | 82,641 | 1,903,533 | 2303.4\% | 0.1036 | 19 |
| 2074 | 65,086 | 1,514,485 | 2326.9\% | 0.0992 | 15 |
| 2075 | 50,960 | 1,188,097 | 2331.4\% | 0.0949 | 12 |
| 2076 | 39,661 | 911,920 | 2299.3\% | 0.0908 | 9 |
| 2077 | 30,674 | 667,848 | 2177.2\% | 0.0869 | 7 |
| 2078 | 23,579 | 489,498 | 2076.0\% | 0.0832 | 5 |
| 2079 | 18,002 | 353,361 | 1962.9\% | 0.0796 | 4 |
| 2080 | 13,642 | 252,065 | 1847.7\% | 0.0762 | 3 |
| 2081 | 10,252 | 181,612 | 1771.5\% | 0.0729 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 138,258,995 | 9,241,411 | 6.7\% |  |  |
| Future: | 256,304,227 | 284,985,015 | 111.2\% |  |  |
| Lifetime: | 394,563,222 | 294,226,426 | 74.6\% |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

Actuarial Memorandum
October 2022
CONFIDENTIAL
Exhibit Illa: Flex I Policy Forms - Virginia Experience
Lifetime High BIO With Virginia Approved Rate Increase* without MAE
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies
4.50\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.5875 | 0 |
| 2012 | 88,563 | 0 | 0.0\% | 1.5192 | 58 |
| 2013 | 264,199 | 0 | 0.0\% | 1.4537 | 57 |
| 2014 | 260,898 | 0 | 0.0\% | 1.3911 | 57 |
| 2015 | 260,991 | 0 | 0.0\% | 1.3312 | 57 |
| 2016 | 261,283 | 0 | 0.0\% | 1.2739 | 57 |
| 2017 | 261,287 | 0 | 0.0\% | 1.2191 | 57 |
| 2018 | 261,287 | 0 | 0.0\% | 1.1666 | 57 |
| 2019 | 259,308 | 767 | 0.3\% | 1.1163 | 56 |
| 2020 | 256,562 | 1,159 | 0.5\% | 1.0683 | 56 |
| 2021 | 256,818 | 3,989 | 1.6\% | 1.0223 | 56 |
| 2022 | 226,740 | 27,952 | 12.3\% | 0.9782 | 55 |
| 2023 | 180,382 | 33,654 | 18.7\% | 0.9361 | 55 |
| 2024 | 189,733 | 39,337 | 20.7\% | 0.8958 | 55 |
| 2025 | 187,691 | 45,361 | 24.2\% | 0.8572 | 54 |
| 2026 | 185,577 | 52,304 | 28.2\% | 0.8203 | 54 |
| 2027 | 182,496 | 59,894 | 32.8\% | 0.7850 | 53 |
| 2028 | 175,065 | 70,038 | 40.0\% | 0.7512 | 53 |
| 2029 | 172,515 | 82,799 | 48.0\% | 0.7188 | 52 |
| 2030 | 169,705 | 95,526 | 56.3\% | 0.6879 | 51 |
| 2031 | 166,595 | 108,170 | 64.9\% | 0.6583 | 51 |
| 2032 | 163,170 | 121,584 | 74.5\% | 0.6299 | 50 |
| 2033 | 159,464 | 139,346 | 87.4\% | 0.6028 | 49 |
| 2034 | 155,488 | 162,812 | 104.7\% | 0.5768 | 48 |
| 2035 | 151,240 | 185,738 | 122.8\% | 0.5520 | 47 |
| 2036 | 146,741 | 208,054 | 141.8\% | 0.5282 | 46 |
| 2037 | 141,989 | 230,741 | 162.5\% | 0.5055 | 45 |
| 2038 | 136,982 | 255,503 | 186.5\% | 0.4837 | 43 |
| 2039 | 131,729 | 285,480 | 216.7\% | 0.4629 | 42 |
| 2040 | 126,231 | 313,104 | 248.0\% | 0.4429 | 40 |
| 2041 | 120,513 | 338,742 | 281.1\% | 0.4239 | 39 |
| 2042 | 114,593 | 365,823 | 319.2\% | 0.4056 | 37 |
| 2043 | 108,479 | 388,288 | 357.9\% | 0.3882 | 35 |
| 2044 | 102,190 | 411,910 | 403.1\% | 0.3714 | 33 |
| 2045 | 95,792 | 435,651 | 454.8\% | 0.3554 | 31 |
| 2046 | 89,376 | 458,536 | 513.0\% | 0.3401 | 29 |
| 2047 | 82,987 | 480,999 | 579.6\% | 0.3255 | 28 |
| 2048 | 76,645 | 491,936 | 641.8\% | 0.3115 | 26 |
| 2049 | 70,386 | 496,338 | 705.2\% | 0.2981 | 24 |
| 2050 | 64,248 | 499,591 | 777.6\% | 0.2852 | 22 |
| 2051 | 58,301 | 502,098 | 861.2\% | 0.2729 | 20 |
| 2052 | 52,593 | 506,391 | 962.9\% | 0.2612 | 18 |
| 2053 | 47,153 | 501,659 | 1063.9\% | 0.2499 | 16 |
| 2054 | 42,012 | 495,223 | 1178.8\% | 0.2392 | 15 |
| 2055 | 37,195 | 481,124 | 1293.5\% | 0.2289 | 13 |
| 2056 | 32,740 | 461,633 | 1410.0\% | 0.2190 | 12 |
| 2057 | 28,658 | 432,078 | 1507.7\% | 0.2096 | 11 |
| 2058 | 24,932 | 388,589 | 1558.6\% | 0.2006 | 9 |
| 2059 | 21,559 | 363,328 | 1685.3\% | 0.1919 | 8 |
| 2060 | 18,532 | 336,439 | 1815.5\% | 0.1837 | 7 |
| 2061 | 15,835 | 316,689 | 2000.0\% | 0.1758 | 6 |
| 2062 | 13,439 | 293,882 | 2186.7\% | 0.1682 | 5 |
| 2063 | 11,325 | 269,891 | 2383.1\% | 0.1609 | 5 |
| 2064 | 9,480 | 243,433 | 2567.7\% | 0.1540 | 4 |
| 2065 | 7,883 | 212,079 | 2690.4\% | 0.1474 | 3 |
| 2066 | 6,500 | 188,039 | 2892.9\% | 0.1410 | 3 |
| 2067 | 5,309 | 161,403 | 3040.5\% | 0.1350 | 2 |
| 2068 | 4,290 | 132,754 | 3094.9\% | 0.1291 | 2 |
| 2069 | 3,427 | 112,405 | 3279.8\% | 0.1236 | 2 |
| 2070 | 2,702 | 93,053 | 3443.5\% | 0.1183 | 1 |
| 2071 | 2,098 | 76,137 | 3629.1\% | 0.1132 | 1 |
| 2072 | 1,602 | 61,053 | 3811.0\% | 0.1083 | 1 |
| 2073 | 1,204 | 46,595 | 3870.8\% | 0.1036 | 1 |
| 2074 | 893 | 36,037 | 4034.1\% | 0.0992 | 0 |
| 2075 | 654 | 27,364 | 4186.6\% | 0.0949 | 0 |
| 2076 | 471 | 20,797 | 4418.4\% | 0.0908 | 0 |
| 2077 | 334 | 15,212 | 4558.2\% | 0.0869 | 0 |
| 2078 | 233 | 10,916 | 4682.2\% | 0.0832 | 0 |
| 2079 | 160 | 7,735 | 4820.1\% | 0.0796 | 0 |
| 2080 | 108 | 5,433 | 5029.9\% | 0.0762 | 0 |
| 2081 | 72 | 3,776 | 5280.5\% | 0.0729 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 3,011,268 | 6,172 | 0.2\% |  |  |
| Future: | 2,634,621 | 4,320,267 | 164.0\% |  |  |
| Lifetime: | 5,645,889 | 4,326,439 | 76.6\% |  |  |
| Lifetime with MAE: | 5,649,870 | 5,627,674 | 99.6\% |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

Actuarial Memorandum
October 2022
CONFIDENTIAL
Exhibit IVa: Flex I Policy Forms - Virginia Experience
Lifetime High BIO With Requested 94.1\% Rate Increase* with MAE
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies
4.50\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.5875 | 0 |
| 2012 | 88,563 | 0 | 0.0\% | 1.5192 | 58 |
| 2013 | 264,199 | 0 | 0.0\% | 1.4537 | 57 |
| 2014 | 260,898 | 0 | 0.0\% | 1.3911 | 57 |
| 2015 | 260,991 | 0 | 0.0\% | 1.3312 | 57 |
| 2016 | 261,283 | 0 | 0.0\% | 1.2739 | 57 |
| 2017 | 261,287 | 0 | 0.0\% | 1.2191 | 57 |
| 2018 | 261,287 | 0 | 0.0\% | 1.1666 | 57 |
| 2019 | 259,308 | 767 | 0.3\% | 1.1163 | 56 |
| 2020 | 256,562 | 1,159 | 0.5\% | 1.0683 | 56 |
| 2021 | 256,818 | 3,989 | 1.6\% | 1.0223 | 56 |
| 2022 | 226,801 | 30,429 | 13.4\% | 0.9782 | 56 |
| 2023 | 237,651 | 39,337 | 16.6\% | 0.9361 | 55 |
| 2024 | 369,476 | 50,702 | 13.7\% | 0.8958 | 55 |
| 2025 | 365,737 | 59,999 | 16.4\% | 0.8572 | 54 |
| 2026 | 361,744 | 70,762 | 19.6\% | 0.8203 | 54 |
| 2027 | 355,785 | 82,622 | 23.2\% | 0.7850 | 53 |
| 2028 | 341,299 | 97,572 | 28.6\% | 0.7512 | 53 |
| 2029 | 336,226 | 115,721 | 34.4\% | 0.7188 | 52 |
| 2030 | 330,635 | 134,645 | 40.7\% | 0.6879 | 52 |
| 2031 | 324,466 | 154,261 | 47.5\% | 0.6583 | 51 |
| 2032 | 317,679 | 174,641 | 55.0\% | 0.6299 | 50 |
| 2033 | 310,339 | 197,959 | 63.8\% | 0.6028 | 49 |
| 2034 | 302,500 | 227,210 | 75.1\% | 0.5768 | 48 |
| 2035 | 294,162 | 255,588 | 86.9\% | 0.5520 | 47 |
| 2036 | 285,365 | 284,908 | 99.8\% | 0.5282 | 46 |
| 2037 | 276,077 | 318,139 | 115.2\% | 0.5055 | 45 |
| 2038 | 266,282 | 354,265 | 133.0\% | 0.4837 | 43 |
| 2039 | 255,998 | 397,865 | 155.4\% | 0.4629 | 42 |
| 2040 | 245,220 | 438,269 | 178.7\% | 0.4429 | 40 |
| 2041 | 233,997 | 475,480 | 203.2\% | 0.4239 | 39 |
| 2042 | 222,366 | 514,070 | 231.2\% | 0.4056 | 37 |
| 2043 | 210,344 | 545,305 | 259.2\% | 0.3882 | 35 |
| 2044 | 197,976 | 577,101 | 291.5\% | 0.3714 | 33 |
| 2045 | 185,409 | 607,801 | 327.8\% | 0.3554 | 31 |
| 2046 | 172,824 | 636,815 | 368.5\% | 0.3401 | 29 |
| 2047 | 160,309 | 664,558 | 414.5\% | 0.3255 | 27 |
| 2048 | 147,905 | 676,278 | 457.2\% | 0.3115 | 25 |
| 2049 | 135,684 | 678,705 | 500.2\% | 0.2981 | 23 |
| 2050 | 123,721 | 678,710 | 548.6\% | 0.2852 | 22 |
| 2051 | 112,147 | 677,552 | 604.2\% | 0.2729 | 20 |
| 2052 | 101,055 | 678,209 | 671.1\% | 0.2612 | 18 |
| 2053 | 90,503 | 666,266 | 736.2\% | 0.2499 | 16 |
| 2054 | 80,547 | 651,284 | 808.6\% | 0.2392 | 15 |
| 2055 | 71,235 | 625,178 | 877.6\% | 0.2289 | 13 |
| 2056 | 62,635 | 593,060 | 946.8\% | 0.2190 | 12 |
| 2057 | 54,768 | 549,022 | 1002.4\% | 0.2096 | 10 |
| 2058 | 47,596 | 488,342 | 1026.0\% | 0.2006 | 9 |
| 2059 | 41,111 | 451,792 | 1099.0\% | 0.1919 | 8 |
| 2060 | 35,299 | 413,834 | 1172.4\% | 0.1837 | 7 |
| 2061 | 30,127 | 385,995 | 1281.2\% | 0.1758 | 6 |
| 2062 | 25,538 | 355,029 | 1390.2\% | 0.1682 | 5 |
| 2063 | 21,493 | 323,197 | 1503.8\% | 0.1609 | 5 |
| 2064 | 17,966 | 289,325 | 1610.4\% | 0.1540 | 4 |
| 2065 | 14,915 | 250,203 | 1677.5\% | 0.1474 | 3 |
| 2066 | 12,277 | 219,997 | 1791.9\% | 0.1410 | 3 |
| 2067 | 10,007 | 187,020 | 1868.8\% | 0.1350 | 2 |
| 2068 | 8,069 | 152,046 | 1884.4\% | 0.1291 | 2 |
| 2069 | 6,431 | 127,874 | 1988.5\% | 0.1236 | 2 |
| 2070 | 5,056 | 105,204 | 2080.8\% | 0.1183 | 1 |
| 2071 | 3,913 | 85,444 | 2183.6\% | 0.1132 | 1 |
| 2072 | 2,978 | 67,769 | 2275.9\% | 0.1083 | 1 |
| 2073 | 2,229 | 51,042 | 2289.6\% | 0.1036 | 1 |
| 2074 | 1,648 | 39,107 | 2373.1\% | 0.0992 | 0 |
| 2075 | 1,201 | 29,458 | 2453.0\% | 0.0949 | 0 |
| 2076 | 861 | 22,172 | 2574.6\% | 0.0908 | 0 |
| 2077 | 608 | 16,015 | 2634.5\% | 0.0869 | 0 |
| 2078 | 423 | 11,357 | 2687.0\% | 0.0832 | 0 |
| 2079 | 289 | 7,960 | 2749.8\% | 0.0796 | 0 |
| 2080 | 194 | 5,529 | 2852.5\% | 0.0762 | 0 |
| 2081 | 128 | 3,796 | 2974.4\% | 0.0729 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 3,011,268 | 6,172 | 0.2\% |  |  |
| Future: | 4,806,729 | 5,823,850 | 121.2\% |  |  |
| Lifetime: | 7,817,997 | 5,830,022 | 74.6\% |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
October 2022
CONFIDENTIAL

Exhibit IVb: Flex I Policy Forms - Virginia Experience
Lifetime High BIO With Virginia Requested 95\% Rate Increase* with MAE
Applicable to policies that are not subject to couples discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.5875 | 0 |
| 2012 | 88,563 | 0 | 0.0\% | 1.5192 | 58 |
| 2013 | 264,199 | 0 | 0.0\% | 1.4537 | 57 |
| 2014 | 260,898 | 0 | 0.0\% | 1.3911 | 57 |
| 2015 | 260,991 | 0 | 0.0\% | 1.3312 | 57 |
| 2016 | 261,283 | 0 | 0.0\% | 1.2739 | 57 |
| 2017 | 261,287 | 0 | 0.0\% | 1.2191 | 57 |
| 2018 | 261,287 | 0 | 0.0\% | 1.1666 | 57 |
| 2019 | 259,308 | 767 | 0.3\% | 1.1163 | 56 |
| 2020 | 256,562 | 1,159 | 0.5\% | 1.0683 | 56 |
| 2021 | 256,818 | 3,989 | 1.6\% | 1.0223 | 56 |
| 2022 | 226,801 | 30,429 | 13.4\% | 0.9782 | 56 |
| 2023 | 238,195 | 39,351 | 16.5\% | 0.9361 | 55 |
| 2024 | 371,190 | 50,749 | 13.7\% | 0.8958 | 55 |
| 2025 | 367,433 | 60,051 | 16.3\% | 0.8572 | 54 |
| 2026 | 363,421 | 70,820 | 19.5\% | 0.8203 | 54 |
| 2027 | 357,435 | 82,687 | 23.1\% | 0.7850 | 53 |
| 2028 | 342,882 | 97,646 | 28.5\% | 0.7512 | 53 |
| 2029 | 337,785 | 115,804 | 34.3\% | 0.7188 | 52 |
| 2030 | 332,168 | 134,737 | 40.6\% | 0.6879 | 52 |
| 2031 | 325,970 | 154,362 | 47.4\% | 0.6583 | 51 |
| 2032 | 319,152 | 174,749 | 54.8\% | 0.6299 | 50 |
| 2033 | 311,778 | 198,075 | 63.5\% | 0.6028 | 49 |
| 2034 | 303,902 | 227,335 | 74.8\% | 0.5768 | 48 |
| 2035 | 295,526 | 255,720 | 86.5\% | 0.5520 | 47 |
| 2036 | 286,688 | 285,046 | 99.4\% | 0.5282 | 46 |
| 2037 | 277,357 | 318,285 | 114.8\% | 0.5055 | 45 |
| 2038 | 267,517 | 354,417 | 132.5\% | 0.4837 | 43 |
| 2039 | 257,185 | 398,026 | 154.8\% | 0.4629 | 42 |
| 2040 | 246,357 | 438,436 | 178.0\% | 0.4429 | 40 |
| 2041 | 235,082 | 475,650 | 202.3\% | 0.4239 | 39 |
| 2042 | 223,397 | 514,242 | 230.2\% | 0.4056 | 37 |
| 2043 | 211,320 | 545,478 | 258.1\% | 0.3882 | 35 |
| 2044 | 198,894 | 577,275 | 290.2\% | 0.3714 | 33 |
| 2045 | 186,268 | 607,974 | 326.4\% | 0.3554 | 31 |
| 2046 | 173,625 | 636,987 | 366.9\% | 0.3401 | 29 |
| 2047 | 161,052 | 664,727 | 412.7\% | 0.3255 | 27 |
| 2048 | 148,591 | 676,441 | 455.2\% | 0.3115 | 25 |
| 2049 | 136,313 | 678,860 | 498.0\% | 0.2981 | 23 |
| 2050 | 124,295 | 678,855 | 546.2\% | 0.2852 | 22 |
| 2051 | 112,667 | 677,689 | 601.5\% | 0.2729 | 20 |
| 2052 | 101,524 | 678,338 | 668.2\% | 0.2612 | 18 |
| 2053 | 90,922 | 666,385 | 732.9\% | 0.2499 | 16 |
| 2054 | 80,920 | 651,392 | 805.0\% | 0.2392 | 15 |
| 2055 | 71,565 | 625,275 | 873.7\% | 0.2289 | 13 |
| 2056 | 62,926 | 593,146 | 942.6\% | 0.2190 | 12 |
| 2057 | 55,022 | 549,098 | 998.0\% | 0.2096 | 10 |
| 2058 | 47,817 | 488,408 | 1021.4\% | 0.2006 | 9 |
| 2059 | 41,302 | 451,850 | 1094.0\% | 0.1919 | 8 |
| 2060 | 35,462 | 413,884 | 1167.1\% | 0.1837 | 7 |
| 2061 | 30,267 | 386,039 | 1275.5\% | 0.1758 | 6 |
| 2062 | 25,657 | 355,068 | 1383.9\% | 0.1682 | 5 |
| 2063 | 21,592 | 323,231 | 1497.0\% | 0.1609 | 5 |
| 2064 | 18,049 | 289,354 | 1603.1\% | 0.1540 | 4 |
| 2065 | 14,984 | 250,227 | 1669.9\% | 0.1474 | 3 |
| 2066 | 12,334 | 220,016 | 1783.8\% | 0.1410 | 3 |
| 2067 | 10,054 | 187,035 | 1860.3\% | 0.1350 | 2 |
| 2068 | 8,106 | 152,057 | 1875.8\% | 0.1291 | 2 |
| 2069 | 6,460 | 127,883 | 1979.5\% | 0.1236 | 2 |
| 2070 | 5,079 | 105,210 | 2071.3\% | 0.1183 | 1 |
| 2071 | 3,931 | 85,449 | 2173.7\% | 0.1132 | 1 |
| 2072 | 2,991 | 67,773 | 2265.6\% | 0.1083 | 1 |
| 2073 | 2,240 | 51,045 | 2279.2\% | 0.1036 | 1 |
| 2074 | 1,656 | 39,109 | 2362.3\% | 0.0992 | 0 |
| 2075 | 1,206 | 29,459 | 2441.8\% | 0.0949 | 0 |
| 2076 | 865 | 22,172 | 2562.8\% | 0.0908 | 0 |
| 2077 | 611 | 16,016 | 2622.4\% | 0.0869 | 0 |
| 2078 | 425 | 11,358 | 2674.7\% | 0.0832 | 0 |
| 2079 | 291 | 7,960 | 2737.2\% | 0.0796 | 0 |
| 2080 | 195 | 5,529 | 2839.4\% | 0.0762 | 0 |
| 2081 | 128 | 3,796 | 2960.7\% | 0.0729 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 3,011,268 | 6,172 | 0.2\% |  |  |
| Future: | 4,827,465 | 5,825,786 | 120.7\% |  |  |
| Lifetime: | 7,838,734 | 5,831,957 | 74.4\% |  |  |

## Genworth Life Insurance Company

## Address: 6620 West Broad Street, Richmond, VA 23230

Company NAIC No: 70025
Additional Exhibits
October 2022
CONFIDENTIAL

## Additional Exhibit V: Flex 1 Policy Forms - Nationwide Experience Applicable to policies that are not subject to couples discount

 Historical Claim Count| Calendar Year | Claim Count |
| :---: | ---: |
| 2011 | 0 |
| 2012 | 4 |
| 2013 | 24 |
| 2014 | 38 |
| 2015 | 71 |
| 2016 | 72 |
| 2017 | 81 |
| 2018 | 105 |
| 2019 | 129 |
| 2020 | 140 |
| 2021 | 201 |
| Total | 865 |


| Genworth Life Insurance Company <br> Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additional Exhibits October 2022 |  |  |  |  |  |  |  |  |
| CONFIDENTIAL <br> Lifetime (High BIO) |  |  |  |  |  |  |  |  |
| Additional Exhibit Vla: Flex 1 Actual to Expected by Calendar Year Applicable to policies that are not subject to couples discount Nationwide Experience based on Original Pricing and CFT 2021 Assumptions <br> With Virginia Approved Rate Increases <br> Data as of December 31, 2021 <br> Lifetime Policies |  |  |  |  |  |  |  |  |
| Actual Past and Best Estimate Future |  |  |  | Original Pricing Applied to Actual Mix |  |  | A to E Loss Ratio | 4.5\% |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Earned Premium | Incurred Claims | Loss Ratio |  |  |
| 2011 | 155,234 | - | 7.0\% | 139,100 | 1,317 | 0.9\% | 738.8\% | 1.5875 |
| 2012 | 6,376,126 | 143,095 | 20.4\% | 6,606,119 | 58,743 | 0.9\% | 2291.9\% | 1.5192 |
| 2013 | 12,185,661 | 227,493 | 14.2\% | 13,327,448 | 140,502 | 1.1\% | 1347.3\% | 1.4537 |
| 2014 | 11,978,293 | 31,688 | 25.4\% | 13,336,487 | 198,772 | 1.5\% | 1705.3\% | 1.3911 |
| 2015 | 11,827,244 | 89,112 | 27.6\% | 13,336,487 | 264,125 | 2.0\% | 1395.6\% | 1.3312 |
| 2016 | 11,693,994 | 2,116,954 | 30.4\% | 13,373,025 | 336,779 | 2.5\% | 1209.1\% | 1.2739 |
| 2017 | 11,546,668 | 16,647 | 35.3\% | 13,336,487 | 417,341 | 3.1\% | 1128.8\% | 1.2191 |
| 2018 | 11,419,009 | 756,716 | 40.8\% | 13,336,487 | 510,251 | 3.8\% | 1067.1\% | 1.1666 |
| 2019 | 11,291,500 | 789,813 | 46.8\% | 13,336,487 | 618,589 | 4.6\% | 1009.1\% | 1.1163 |
| 2020 | 11,202,067 | 2,282,987 | 54.2\% | 13,373,025 | 740,685 | 5.5\% | 977.8\% | 1.0683 |
| 2021 | 11,090,374 | 1,575,186 | 63.1\% | 13,291,178 | 880,185 | 6.6\% | 952.4\% | 1.0223 |
| 2022 | 9,394,722 | 2,387,763 | 72.9\% | 11,100,196 | 1,049,553 | 9.5\% | 771.2\% | 0.9782 |
| 2023 | 10,391,509 | 2,872,254 | 83.2\% | 8,521,033 | 1,240,474 | 14.6\% | 571.3\% | 0.9361 |
| 2024 | 10,895,359 | 3,317,465 | 94.2\% | 8,360,105 | 1,468,120 | 17.6\% | 536.3\% | 0.8958 |
| 2025 | 10,745,371 | 3,795,651 | 109.4\% | 8,147,769 | 1,716,589 | 21.1\% | 519.5\% | 0.8572 |
| 2026 | 10,583,970 | 4,321,305 | 129.0\% | 7,951,192 | 2,000,868 | 25.2\% | 512.5\% | 0.8203 |
| 2027 | 10,405,002 | 4,870,330 | 149.4\% | 7,747,973 | 2,321,951 | 30.0\% | 498.4\% | 0.7850 |
| 2028 | 10,202,550 | 5,525,198 | 170.3\% | 7,559,259 | 2,735,225 | 36.2\% | 470.6\% | 0.7512 |
| 2029 | 9,990,195 | 6,300,855 | 191.9\% | 7,322,535 | 3,210,742 | 43.8\% | 437.7\% | 0.7188 |
| 2030 | 9,759,579 | 7,116,568 | 218.7\% | 7,100,484 | 3,728,829 | 52.5\% | 416.4\% | 0.6879 |
| 2031 | 9,509,327 | 7,908,892 | 251.2\% | 6,872,316 | 4,286,627 | 62.4\% | 402.7\% | 0.6583 |
| 2032 | 9,232,375 | 8,695,710 | 283.9\% | 6,656,493 | 4,877,523 | 73.3\% | 387.5\% | 0.6299 |
| 2033 | 8,938,523 | 9,782,917 | 318.8\% | 6,398,034 | 5,595,589 | 87.5\% | 364.5\% | 0.6028 |
| 2034 | 8,625,417 | 11,124,963 | 355.6\% | 6,152,378 | 6,455,907 | 104.9\% | 338.9\% | 0.5768 |
| 2035 | 8,294,036 | 12,389,183 | 395.5\% | 5,901,539 | 7,321,918 | 124.1\% | 318.8\% | 0.5520 |
| 2036 | 7,946,139 | 13,532,131 | 441.3\% | 5,661,725 | 8,192,401 | 144.7\% | 305.0\% | 0.5282 |
| 2037 | 7,583,297 | 14,555,387 | 486.2\% | 5,386,545 | 8,956,941 | 166.3\% | 292.4\% | 0.5055 |
| 2038 | 7,205,603 | 15,757,026 | 536.3\% | 5,123,834 | 9,911,334 | 193.4\% | 277.2\% | 0.4837 |
| 2039 | 6,814,119 | 17,117,927 | 591.8\% | 4,858,820 | 11,024,640 | 226.9\% | 260.8\% | 0.4629 |
| 2040 | 6,414,971 | 18,214,507 | 643.4\% | 4,605,329 | 12,088,621 | 262.5\% | 245.1\% | 0.4429 |
| 2041 | 6,009,037 | 19,156,962 | 693.2\% | 4,326,071 | 12,965,764 | 299.7\% | 231.3\% | 0.4239 |
| 2042 | 5,598,852 | 19,909,574 | 741.5\% | 4,060,650 | 13,657,144 | 336.3\% | 220.5\% | 0.4056 |
| 2043 | 5,186,471 | 20,513,345 | 797.2\% | 3,797,235 | 14,392,510 | 379.0\% | 210.3\% | 0.3882 |
| 2044 | 4,777,338 | 21,080,403 | 867.3\% | 3,546,338 | 15,276,607 | 430.8\% | 201.3\% | 0.3714 |
| 2045 | 4,376,581 | 21,277,339 | 940.6\% | 3,279,544 | 15,925,805 | 485.6\% | 193.7\% | 0.3554 |
| 2046 | 3,987,258 | 21,382,519 | 1015.4\% | 3,027,964 | 16,410,910 | 542.0\% | 187.3\% | 0.3401 |
| 2047 | 3,613,442 | 21,384,188 | 1093.7\% | 2,783,053 | 16,618,380 | 597.1\% | 183.2\% | 0.3255 |
| 2048 | 3,255,900 | 20,947,237 | 1175.0\% | 2,553,264 | 16,819,600 | 658.7\% | 178.4\% | 0.3115 |
| 2049 | 2,915,434 | 20,208,717 | 1238.2\% | 2,318,279 | 17,006,173 | 733.6\% | 168.8\% | 0.2981 |
| 2050 | 2,593,574 | 19,230,390 | 1296.1\% | 2,100,657 | 17,084,077 | 813.3\% | 159.4\% | 0.2852 |
| 2051 | 2,295,735 | 18,300,803 | 1394.0\% | 1,894,133 | 16,954,887 | 895.1\% | 155.7\% | 0.2729 |
| 2052 | 2,020,921 | 17,527,530 | 1518.0\% | 1,704,251 | 16,583,856 | 973.1\% | 156.0\% | 0.2612 |
| 2053 | 1,768,801 | 16,637,255 | 1673.1\% | 1,517,129 | 15,867,616 | 1045.9\% | 160.0\% | 0.2499 |
| 2054 | 1,539,254 | 15,629,163 | 1844.8\% | 1,347,562 | 15,142,762 | 1123.7\% | 164.2\% | 0.2392 |
| 2055 | 1,331,877 | 14,566,959 | 2026.1\% | 1,190,918 | 14,367,983 | 1206.5\% | 167.9\% | 0.2289 |
| 2056 | 1,146,480 | 13,470,950 | 2215.3\% | 1,050,173 | 13,564,518 | 1291.6\% | 171.5\% | 0.2190 |
| 2057 | 982,195 | 12,161,159 | 2423.3\% | 916,205 | 12,586,047 | 1373.7\% | 176.4\% | 0.2096 |
| 2058 | 837,272 | 10,851,760 | 2643.1\% | 797,633 | 11,610,402 | 1455.6\% | 181.6\% | 0.2006 |
| 2059 | 710,294 | 9,901,172 | 2817.8\% | 691,018 | 10,709,720 | 1549.8\% | 181.8\% | 0.1919 |
| 2060 | 599,703 | 9,103,616 | 2971.9\% | 597,500 | 9,910,974 | 1658.7\% | 179.2\% | 0.1837 |
| 2061 | 503,995 | 8,432,346 | 3219.9\% | 511,308 | 9,113,000 | 1782.3\% | 180.7\% | 0.1758 |
| 2062 | 421,614 | 7,777,808 | 3482.2\% | 436,846 | 8,347,370 | 1910.8\% | 182.2\% | 0.1682 |
| 2063 | 351,196 | 7,115,441 | 3723.7\% | 371,649 | 7,479,617 | 2012.5\% | 185.0\% | 0.1609 |
| 2064 | 291,462 | 6,456,775 | 3948.1\% | 315,841 | 6,574,744 | 2081.7\% | 189.7\% | 0.1540 |
| 2065 | 240,918 | 5,838,218 | 4181.9\% | 265,916 | 5,729,426 | 2154.6\% | 194.1\% | 0.1474 |
| 2066 | 198,281 | 5,240,765 | 4293.1\% | 223,808 | 4,985,435 | 2227.5\% | 192.7\% | 0.1410 |
| 2067 | 162,481 | 4,578,381 | 4372.5\% | 187,846 | 4,296,279 | 2287.1\% | 191.2\% | 0.1350 |
| 2068 | 132,572 | 3,939,932 | 4383.6\% | 157,747 | 3,739,549 | 2370.6\% | 184.9\% | 0.1291 |
| 2069 | 107,679 | 3,467,193 | 4223.8\% | 131,460 | 3,315,656 | 2522.2\% | 167.5\% | 0.1236 |
| 2070 | 86,998 | 3,029,420 | 4096.4\% | 109,705 | 2,969,188 | 2706.5\% | 151.4\% | 0.1183 |
| 2071 | 69,885 | 2,602,265 | 3941.1\% | 91,449 | 2,677,656 | 2928.0\% | 134.6\% | 0.1132 |
| 2072 | 55,796 | 2,202,881 | 3771.2\% | 76,388 | 2,432,767 | 3184.7\% | 118.4\% | 0.1083 |
| 2073 | 44,278 | 1,851,664 | 3675.2\% | 63,406 | 2,209,276 | 3484.3\% | 105.5\% | 0.1036 |
| 2074 | 34,947 | 1,500,313 | 0.0\% | 52,763 | 2,009,725 | 3809.0\% | 0.0\% | 0.0992 |
| 2075 | 27,426 | 1,199,205 | 0.0\% | 43,898 | 1,813,828 | 4131.9\% | 0.0\% | 0.0949 |
| 2076 | 21,397 | 937,973 | 0.0\% | 36,627 | 1,624,400 | 4435.0\% | 0.0\% | 0.0908 |
| 2077 | 16,592 | 700,816 | 0.0\% | 29,968 | 1,421,336 | 4742.8\% | 0.0\% | 0.0869 |
| 2078 | 12,790 | 523,910 | 0.0\% | 23,771 | 1,227,356 | 5163.1\% | 0.0\% | 0.0832 |
| 2079 | 9,794 | 385,998 | 0.0\% | 19,753 | 1,056,160 | 5346.8\% | 0.0\% | 0.0796 |
| 2080 | 7,445 | 280,780 | 0.0\% | 16,463 | 906,764 | 5507.7\% | 0.0\% | 0.0762 |
| 2081 | 5,613 | 206,306 | 0.0\% | 13,640 | 771,394 | 5655.5\% | 0.0\% | 0.0729 |
| Accumulated and Present Values as of 12/31/2021: |  |  |  |  |  |  |  |  |
| Past | 138,258,995 | 9,241,411 | 6.7\% | 157,550,714 | 4,838,303 | 3.1\% | 217.7\% |  |
| Future | 139,700,775 | 213,703,686 | 153.0\% | 108,283,031 | 152,624,982 | 141.0\% | 108.5\% |  |
| Lifetime | 277,959,770 | 222,945,097 | 80.2\% | 265,833,745 | 157,463,286 | 59.2\% | 135.4\% |  |

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

Additional Exhibits
October 2022
CONFIDENTIAL
Additional Exhibit VII: FLEX I Policy Forms - Nationwide Experience
Actual to Expected Lapses by Duration
Best Estimate Assumptions

| Actual to Expected (2021 CFT) Lapse |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| 1 | 625,174 | 24,900 | 4.0\% | 24,647 | 3.9\% | 101.0\% |
| 2 | 602,034 | 14,013 | 2.3\% | 14,495 | 2.4\% | 96.7\% |
| 3 | 583,830 | 10,392 | 1.8\% | 10,304 | 1.8\% | 100.9\% |
| 4 | 563,468 | 8,163 | 1.4\% | 7,887 | 1.4\% | 103.5\% |
| 5 | 540,936 | 6,501 | 1.2\% | 6,281 | 1.2\% | 103.5\% |
| 6 | 505,369 | 4,813 | 1.0\% | 5,053 | 1.0\% | 95.3\% |
| 7 | 450,254 | 3,648 | 0.8\% | 3,943 | 0.9\% | 92.5\% |
| 8 | 375,099 | 2,733 | 0.7\% | 2,927 | 0.8\% | 93.4\% |
| 9 | 302,983 | 1,966 | 0.6\% | 2,142 | 0.7\% | 91.8\% |
| 10 | 242,871 | 1,410 | 0.6\% | 1,567 | 0.6\% | 90.0\% |
| 11 | 192,599 | 1,049 | 0.5\% | 1,153 | 0.6\% | 91.0\% |
| 12 | 154,604 | 765 | 0.5\% | 875 | 0.6\% | 87.4\% |
| 13 | 110,424 | 507 | 0.5\% | 628 | 0.6\% | 80.8\% |
| 14 | 73,441 | 337 | 0.5\% | 423 | 0.6\% | 79.6\% |
| 15 | 39,335 | 161 | 0.4\% | 231 | 0.6\% | 69.7\% |
| 16 | 14,699 | 72 | 0.5\% | 91 | 0.6\% | 78.9\% |
| 17 | 2 | 0 | 0.0\% | 0 | 0.6\% | 0.0\% |
| Total | 5,377,122 | 81,430 | 1.5\% | 82,648 | 1.5\% | 98.5\% |

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Additional Exhibits
October 2022
CONFIDENTIAL

## Additional Exhibit VIII: FLEX I Policy Forms - Nationwide Experience

Actual to Expected Mortality by Duration
Best Estimate Assumptions
Actual to Expected (2021 CFT) Mortality

| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 625,123 | 526 | 0.1\% | 543 | 0.1\% | 96.9\% |
| 2 | 602,003 | 862 | 0.1\% | 845 | 0.1\% | 102.1\% |
| 3 | 586,080 | 976 | 0.2\% | 1,022 | 0.2\% | 95.5\% |
| 4 | 572,472 | 1,121 | 0.2\% | 1,163 | 0.2\% | 96.4\% |
| 5 | 556,515 | 1,325 | 0.2\% | 1,284 | 0.2\% | 103.2\% |
| 6 | 529,554 | 1,333 | 0.3\% | 1,374 | 0.3\% | 97.0\% |
| 7 | 490,103 | 1,474 | 0.3\% | 1,491 | 0.3\% | 98.9\% |
| 8 | 428,936 | 1,380 | 0.3\% | 1,458 | 0.3\% | 94.6\% |
| 9 | 357,046 | 1,333 | 0.4\% | 1,357 | 0.4\% | 98.2\% |
| 10 | 296,477 | 1,284 | 0.4\% | 1,269 | 0.4\% | 101.2\% |
| 11 | 253,323 | 1,215 | 0.5\% | 1,202 | 0.5\% | 101.1\% |
| 12 | 210,718 | 1,085 | 0.5\% | 1,112 | 0.5\% | 97.5\% |
| 13 | 155,438 | 960 | 0.6\% | 930 | 0.6\% | 103.3\% |
| 14 | 105,280 | 681 | 0.6\% | 728 | 0.7\% | 93.5\% |
| 15 | 58,808 | 423 | 0.7\% | 479 | 0.8\% | 88.4\% |
| 16 | 22,030 | 183 | 0.8\% | 214 | 1.0\% | 85.7\% |
| 17 | 1,024 | 11 | 1.1\% | 12 | 1.2\% | 88.7\% |
| Total | 5,850,929 | 16,172 | 0.3\% | 16,482 | 0.3\% | 98.1\% |

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

## Additional Exhibits <br> October 2022 <br> CONFIDENTIAL

Additional Exhibit IX: FLEX I Policy Forms - Nationwide Experience
Actual to Expected Incidence by Duration Best Estimate Assumptions
Actual to Expected (2021 CFT) Incidence

| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 625,119 | 226 | 0.0\% | 234 | 0.0\% | 96.6\% |
| 2 | 601,999 | 442 | 0.1\% | 409 | 0.1\% | 107.9\% |
| 3 | 586,077 | 561 | 0.1\% | 578 | 0.1\% | 97.1\% |
| 4 | 572,469 | 775 | 0.1\% | 753 | 0.1\% | 102.9\% |
| 5 | 556,512 | 924 | 0.2\% | 937 | 0.2\% | 98.6\% |
| 6 | 529,551 | 1,060 | 0.2\% | 1,119 | 0.2\% | 94.7\% |
| 7 | 490,100 | 1,240 | 0.3\% | 1,291 | 0.3\% | 96.1\% |
| 8 | 428,934 | 1,508 | 0.4\% | 1,396 | 0.3\% | 108.0\% |
| 9 | 357,043 | 1,445 | 0.4\% | 1,413 | 0.4\% | 102.2\% |
| 10 | 296,475 | 1,324 | 0.4\% | 1,397 | 0.5\% | 94.8\% |
| 11 | 253,320 | 1,459 | 0.6\% | 1,405 | 0.6\% | 103.9\% |
| 12 | 210,715 | 1,391 | 0.7\% | 1,376 | 0.7\% | 101.1\% |
| 13 | 155,437 | 1,246 | 0.8\% | 1,205 | 0.8\% | 103.4\% |
| 14 | 105,279 | 959 | 0.9\% | 973 | 0.9\% | 98.5\% |
| 15 | 58,807 | 622 | 1.1\% | 646 | 1.1\% | 96.3\% |
| 16 | 22,030 | 281 | 1.3\% | 285 | 1.3\% | 98.6\% |
| 17 | 1,024 | 14 | 1.4\% | 17 | 1.6\% | 83.0\% |
| Total | 5,850,891 | 15,477 | 0.3\% | 15,434 | 0.3\% | 100.3\% |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Additional Exhibits

October 2022
CONFIDENTIAL

## Additional Exhibit X: FLEX I Policy Forms - Nationwide Experience

 Actual to Expected Claim Termination Rate by DurationBest Estimate Assumptions

| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{1}$ | 8,877 | 6,020 | $67.8 \%$ | 5,966 | $67.2 \%$ | $100.9 \%$ |
| $\mathbf{2}$ | 5,026 | 1,277 | $25.4 \%$ | 1,306 | $26.0 \%$ | $97.7 \%$ |
| $\mathbf{3}$ | 3,084 | 698 | $22.6 \%$ | 698 | $22.6 \%$ |  |
| $\mathbf{4}$ | 1,823 | 401 | $22.0 \%$ | 388 | $21.3 \%$ | $100.0 \%$ |
| $\mathbf{5}$ | 1,012 | 534 | 223 | $22.0 \%$ | 210 | $20.8 \%$ |
| $\mathbf{6}$ | 723 | 96 | $18.0 \%$ | 105 | $19.6 \%$ | $106.1 \%$ |
| $\mathbf{7 +}$ | 21,078 | 121 | $16.7 \%$ | 127 | $17.6 \%$ | $91.8 \%$ |
| Total |  | 8,836 | $41.9 \%$ | 8,801 | $41.8 \%$ | $100.4 \%$ |

## Genworth Life Insurance Company

Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

## Additional Exhibits October 2022 <br> CONFIDENTIAL

Additional Exhibit XI: Flex 1 Policy Forms - Nationwide Experience

## Actual to Expected Lapses by Duration

Original Pricing Assumptions

| Duration | Exposure Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 103,046 | 2,613 | $2.5 \%$ | 6,793 | $6.6 \%$ | $38.5 \%$ |
| 2 | 99,962 | 1,617 | $1.6 \%$ | 3,309 | $3.3 \%$ | $48.9 \%$ |
| 3 | 97,566 | 1,336 | $1.4 \%$ | 2,202 | $2.3 \%$ | $60.7 \%$ |
| 4 | 95,441 | 1,176 | $1.2 \%$ | 1,532 | $1.6 \%$ | $76.8 \%$ |
| 5 | 93,588 | 936 | $1.0 \%$ | 1,209 | $1.3 \%$ | $77.4 \%$ |
| 6 | 89,940 | 710 | $0.8 \%$ | 1,048 | $1.2 \%$ | $67.7 \%$ |
| 7 | 82,699 | 511 | $0.6 \%$ | 881 | $1.1 \%$ | $58.0 \%$ |
| 8 | 65,415 | 233 | $0.4 \%$ | 688 | $1.1 \%$ | $33.9 \%$ |
| 9 | 26,122 | 606 | 0 | $0.1 \%$ | 270 | $1.0 \%$ |
| 10 | 754,385 | 9,151 | $1.2 \%$ | 6 | $1.0 \%$ | $7.0 \%$ |
| Total |  | 17,939 | $2.4 \%$ | $0.0 \%$ |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Additional Exhibits October 2022 <br> CONFIDENTIAL

Additional Exhibit XII: Flex 1 Policy Forms - Nationwide Experience
Actual to Expected Mortality by Duration
Original Pricing Assumptions

| Duration | Exposure Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 102,338 | 78 | $0.1 \%$ | 185 | $0.2 \%$ | $42.2 \%$ |
| 2 | 99,613 | 149 | $0.1 \%$ | 260 | $0.3 \%$ | $57.2 \%$ |
| 3 | 97,314 | 144 | $0.1 \%$ | 316 | $0.3 \%$ | $45.5 \%$ |
| 4 | 95,256 | 212 | $0.2 \%$ | 372 | $0.4 \%$ | $57.0 \%$ |
| 5 | 93,519 | 216 | $0.2 \%$ | 425 | $0.5 \%$ | $50.8 \%$ |
| 6 | 89,876 | 240 | $0.3 \%$ | 510 | $0.6 \%$ | $47.1 \%$ |
| 7 | 82,690 | 235 | $0.3 \%$ | 546 | $0.7 \%$ | $43.0 \%$ |
| 8 | 65,434 | 190 | $0.3 \%$ | 508 | $0.8 \%$ | $37.4 \%$ |
| 9 | 26,145 | 58 | $0.2 \%$ | 242 | $0.9 \%$ | $24.0 \%$ |
| 10 | 606 | 0 | $0.0 \%$ | 7 | $1.1 \%$ | $0.0 \%$ |
| Total | 752,791 | 1,522 | $0.2 \%$ | 3,371 | $0.4 \%$ | $45.2 \%$ |

All Jurisidicions in which these Forms are Actic
Flex policies

|  | First Rate Action 2019-2020 |  |  |  |  | Second Rate Action2021 |  |  |  |  | Third Rate Action2022 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jurisiciction | Requested <br> Increas | Date of Submission or Notification | Disposition Status | Disposition Date | Disposition Amount | Requested <br> Increase | Date of Submission or Notification | Disposition | Disposition Date | Disposition Amount | Request Increase (Lifetime BIO) | Request Increase (Lifetime no BIO) | Request Increase (Limited BIO) | Request Increase (Limited no BIO) | Date of Submission or Notification | Disposition Status | Disposition Date |
| Alabama | 66.3\% | 712712220 | Approved | 12992020 | 36.6\% | 30.8\% | 91772021 | Approved | 3/142022 | 14.3\% | 136.0\% | 0.0\% | 88.4\% | 0.0\% | 6992022 |  |  |
| Alaska | 51.6\% | 61282202 | Noififed | 71172020 | 51.\%\% |  |  |  |  |  | 94.7\% | 0.0\% | 39.1\% | 0.0\% | 61662022 | Exempt | 62822022 |
| Arizona | ${ }_{\text {c }}^{66.3 \%}$ | $\frac{12232020}{8252020}$ | ${ }_{\text {A }}^{\text {Approved }}$ | $5 / 212021$ $11 / 32020$ |  | 914\% | 5/262021 | Approved | 82720221 | 25.0\% | 211.0\% | 0.0\% | 139.0\% | 0.0\% | 61142022 | Approved | $8 / 3112022$ |
| Califomia | 59.6\% | 122222020 | Approved | 4/1322022 | 37.0\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Califomia (Parnesship) | ${ }^{14.2 \%}$ | 122222020 | Disapproved | 63012021 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rado | 66.3\% | 103302020 | Approved | 6302021 | ${ }^{31.35 \%}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {Conncticut }}$ | $\frac{51.6 \%}{690 \%}$ | 112322020 $9 / 1922020$ | ${ }_{\text {Approved }}^{\text {Appoved }}$ | $3 / 822021$ 42322021 | $\frac{32.7 \%}{685 \%}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Florida | 65.\% | 12/302020 | Approved | $3 / 1022022$ | 72.8\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Goorgia | ${ }^{66.3 .3 \%}$ | 7/312020 | Approved | 91182020 | ${ }^{12.20 \%}$ | 69.8\% | $5 / 21 / 2021$ | Approved | $61 / 520221$ | .9\% | 214.0\% | 0.0\% | 41.0\% | 0.0\% | 77/2022 |  |  |
| ${ }^{\text {Havaii }}$ | -66.3\% 6 | ${ }_{198202020}$ | ${ }_{\text {Approved }}^{\text {Aproved }}$ | ${ }_{\text {8/92022 }}^{5 / 272022}$ | - $66.2 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Illinois | $66.3 \%$ | 11/1712020 | Approved | 88112021 | 73.2\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Indiana | 51.6\% | ${ }^{121 / 182020}$ | Approved | 717622021 | 5.0\% | ${ }^{60.2 \%}$ | 102552021 | ${ }^{\text {Pending }}$ |  |  |  |  |  |  |  |  |  |
| Indiana ( Partersship) | $\frac{51 . \% \%}{6.3 \%}$ | $\frac{121822020}{11 / 162020}$ | ${ }_{\text {Approved }}^{\text {Aproved }}$ | 77282021 | $\xrightarrow{8.0 \%}$ 30\%\% |  |  | Pending |  |  |  |  |  |  |  |  |  |
| Kansas | 66.3\% | 101612020 | Approved | 11882221 | 13.4\% |  |  |  |  |  | 243.0\% | 0.0\% | 172.0\% | 0.0\% | 612212022 |  |  |
| Kentuck | $\frac{66.3 \%}{6.3 \%}$ | 81882020 7102020 | ${ }_{\text {Approved }}^{\substack{\text { Approved } \\ \text { Apren }}}$ | ${ }^{1 / 142021} 1$ | 38.1\% <br> $20.0 \%$ <br> 20, | 58.0\% | 5/252021 | Approved | 122122021 | 20.0\% | ${ }_{\text {17.07.0\% }}$ | ${ }_{\text {114.0\% }}^{0.0 \%}$ | ${ }^{\text {10.9.0\% }}$ | 0.0\% |  |  |  |
| Maine | $66.3 \%$ | 11919220 | Approved | 1/19202021 | $52.1 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Maryland | 66.3\% |  |  | ${ }^{32322021}$ | 23.2\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Mishathe | 66.3\% | 9402020 | ${ }_{\text {Approvad }}$ Aproved | ${ }^{3} 720202021$ | $\frac{30.0 \%}{663 \%}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Mimesotala | ${ }^{66.3 \%}$ | 102322020 | Approved | 211822021 | 50.1\% |  |  |  |  |  | 156.0\% | 0.0\% | 102.0\% | 0.0\% | ${ }^{61242022}$ |  |  |
| Misisisippi | 51.6\% | 122222020 | Approved | 9/152021 | 25.0\% |  |  |  |  |  | 130.0\% | 35.9\% | 68.5\% | 0.0\% | 9/302022 |  |  |
| Missouri | ${ }^{66.3 .3 \%}$ | $\frac{112322020}{101202020}$ | ${ }_{\text {Approved }}$ | $\frac{1772021}{1 / 12021}$ | 71.9\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Montana | ${ }^{66.3 .3 \%}$ | 1005122020 | ${ }_{\text {Approved }}^{\text {Aproved }}$ | ${ }_{6} 1 / 115202021$ | 60.2\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Nevada | 66.3\% | $7 / 172220$ | Approved | 6/32021 | 73.2\% |  |  |  |  |  |  |  |  |  |  |  |  |
| New Hampshire | 66.3\% | $127 / 22020$ | Approved | 21182221 | 72.8\% |  |  |  |  |  |  |  |  |  |  |  |  |
| New Jersey | 66.3\% | 117102220 12292920 | ${ }_{\text {Approved }}^{\text {Aproved }}$ | $\frac{72122022}{6252021}$ | $\frac{33.1 \%}{46.7 \%}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| New York | 68.5\% | 129212019 | Approved | 3/312021 | 68.3\% |  |  |  |  |  |  |  |  |  |  |  |  |
| North Carolina | 66.3\% | 122322020 | Approved | $7 / 222021$ | 35.0\% |  |  |  |  |  |  |  |  |  |  |  |  |
| North Dakota | $\frac{66.3 \%}{663 \%}$ | $\frac{10122020}{8102020}$ | ${ }_{\text {Approved }}^{\text {Aproved }}$ | $\frac{12102020}{8112022}$ | $\frac{66.4 \%}{150 \%}$ |  |  |  |  |  |  | 350\% | $158.0 \%$ | 0.0\% | 92720 |  |  |
| Okkhoma | 66.3\% | 8662020 | Approved | 88312220 | 32.3\% |  |  |  |  |  | 191.0\% | 0.0\% | $12.6 .0 \%$ | 0.0\% | $6 / 3 / 2022$ | Approved | 7292022 |
| Oregon | ${ }^{66.3 .3 \%}$ | 101122020 | Pending |  |  |  |  |  |  |  | 269.1\% | 0.0\% | 197.4\% | 0.0\% | 71/520222 |  |  |
|  | ${ }_{\text {cher }}^{66.3 \%}$ | 710202020 | ${ }_{\text {apmer }}^{\substack{\text { Appoved } \\ \text { Pending }}}$ | 95/2020 | 44.0\% |  |  |  |  |  | 166.0\% | 0.0\% | 109.0\% | 0.0\% | 6772022 |  |  |
| South Carolina | 66.3\% | 122332020 | Approved | 122002021 | $11.3 \%$ |  |  |  |  |  | 248.0\% | 0.0\% | 160.0\% | 0.0\% | 122 |  |  |
| South Dakota | 66.3\% | 81/2020 | Approved | 10992020 | 66.3\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Tenmessee | ${ }^{66.3 .3 \%}$ | 920202020 | Approved | 5442021 | 48.8\% |  |  |  |  |  | 159.0\% | 105.0\% | 0.0\% | 0.0\% | 81122022 |  |  |
| Texas |  | ${ }_{1}^{122222202020}$ | Approved | $\frac{927132021}{}$ | ${ }_{5}^{43.24 \%}$ |  |  |  |  |  | 135.0\% | 0.0\% | 88.\% | 0.0\% | 98/2022 |  |  |
| Virginia | 65.7\% | 101922020 | Approved | $41 / 12022$ | 58.0\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Wastington | ${ }_{\text {822.8\% }}^{100}$ | $\frac{12312020}{822020}$ | Approved | 8302021 | 30.0\% | 68.9\% | ${ }^{1212220221}$ | ${ }^{\text {Disapproved }}$ | 12/302021 | ${ }^{0.0 \%}$ | ${ }^{68.9 \%}$ | 68.9\% | ${ }^{68.9 \%}$ | 68.9\% | $\frac{771 / 2022}{814202}$ |  |  |
| Washington ${ }^{\text {D }}$ | ${ }^{10.0 \%} 6$ | ${ }_{8}^{82412020}$ | ${ }_{\text {Approved }}$ | ${ }_{1}^{102822020} 11 / 2021$ | ${ }^{10.0 \%}$ 3,2\% | 10.0\% | 10772021 | Approved | 3/122022 | 10.0\% | ${ }^{130.0 \%}$ | 0.0\% | ${ }^{10.0 \%}$ | - ${ }^{10.0 \%}$ | 81112022 |  |  |
| Wisconsin | ${ }^{66.3 \%}$ | $\frac{91112020}{71172020}$ | ${ }_{\text {Approved }}$ | $\frac{10662020}{10232020}$ | $\frac{66.3 \%}{493 \%}$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |






Exhibit 1a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 | 2,907 |
| 2023 | 10,403,086 | 2,898,703 | 27.9\% | 0.9456 | 2,878 |
| 2024 | 10,907,547 | 3,348,707 | 30.7\% | 0.9110 | 2,848 |
| 2025 | 10,757,438 | 3,832,568 | 35.6\% | 0.8776 | 2,816 |
| 2026 | 10,595,913 | 4,364,885 | 41.2\% | 0.8455 | 2,781 |
| 2027 | 10,416,816 | 4,921,878 | 47.2\% | 0.8145 | 2,744 |
| 2028 | 10,214,225 | 5,586,375 | 54.7\% | 0.7847 | 2,703 |
| 2029 | 10,001,718 | 6,372,900 | 63.7\% | 0.7560 | 2,657 |
| 2030 | 9,770,935 | 7,201,111 | 73.7\% | 0.7283 | 2,605 |
| 2031 | 9,520,495 | 8,005,597 | 84.1\% | 0.7017 | 2,548 |
| 2032 | 9,243,335 | 8,804,739 | 95.3\% | 0.6760 | 2,485 |
| 2033 | 8,949,258 | 9,911,466 | 110.8\% | 0.6512 | 2,418 |
| 2034 | 8,635,906 | 11,273,139 | 130.5\% | 0.6274 | 2,345 |
| 2035 | 8,304,260 | 12,557,221 | 151.2\% | 0.6044 | 2,267 |
| 2036 | 7,956,081 | 13,718,797 | 172.4\% | 0.5823 | 2,184 |
| 2037 | 7,592,936 | 14,760,215 | 194.4\% | 0.5610 | 2,097 |
| 2038 | 7,214,921 | 15,986,641 | 221.6\% | 0.5404 | 2,005 |
| 2039 | 6,823,097 | 17,367,854 | 254.5\% | 0.5207 | 1,910 |
| 2040 | 6,423,590 | 18,483,632 | 287.7\% | 0.5016 | 1,810 |
| 2041 | 6,017,281 | 19,444,216 | 323.1\% | 0.4832 | 1,708 |
| 2042 | 5,606,707 | 20,208,224 | 360.4\% | 0.4655 | 1,604 |
| 2043 | 5,193,924 | 20,826,275 | 401.0\% | 0.4485 | 1,498 |
| 2044 | 4,784,381 | 21,400,998 | 447.3\% | 0.4321 | 1,391 |
| 2045 | 4,383,210 | 21,601,933 | 492.8\% | 0.4163 | 1,286 |
| 2046 | 3,993,476 | 21,714,972 | 543.8\% | 0.4010 | 1,183 |
| 2047 | 3,619,253 | 21,714,722 | 600.0\% | 0.3863 | 1,082 |
| 2048 | 3,261,311 | 21,273,503 | 652.3\% | 0.3722 | 985 |
| 2049 | 2,920,455 | 20,528,557 | 702.9\% | 0.3586 | 891 |
| 2050 | 2,598,217 | 19,542,070 | 752.1\% | 0.3454 | 802 |
| 2051 | 2,300,016 | 18,609,670 | 809.1\% | 0.3328 | 718 |
| 2052 | 2,024,856 | 17,828,269 | 880.5\% | 0.3206 | 640 |
| 2053 | 1,772,410 | 16,927,933 | 955.1\% | 0.3089 | 567 |
| 2054 | 1,542,554 | 15,909,412 | 1031.4\% | 0.2976 | 500 |
| 2055 | 1,334,887 | 14,837,979 | 1111.6\% | 0.2867 | 439 |
| 2056 | 1,149,219 | 13,730,179 | 1194.7\% | 0.2762 | 384 |
| 2057 | 984,680 | 12,396,487 | 1258.9\% | 0.2661 | 334 |
| 2058 | 839,521 | 11,074,305 | 1319.1\% | 0.2563 | 289 |
| 2059 | 712,324 | 10,112,072 | 1419.6\% | 0.2469 | 250 |
| 2060 | 601,527 | 9,307,076 | 1547.2\% | 0.2379 | 215 |
| 2061 | 505,629 | 8,623,425 | 1705.5\% | 0.2292 | 184 |
| 2062 | 423,071 | 7,948,318 | 1878.7\% | 0.2208 | 157 |
| 2063 | 352,490 | 7,273,957 | 2063.6\% | 0.2127 | 134 |
| 2064 | 292,604 | 6,601,068 | 2256.0\% | 0.2049 | 113 |
| 2065 | 241,920 | 5,969,814 | 2467.7\% | 0.1974 | 96 |
| 2066 | 199,152 | 5,355,791 | 2689.3\% | 0.1902 | 80 |
| 2067 | 163,232 | 4,669,763 | 2860.8\% | 0.1832 | 67 |
| 2068 | 133,213 | 4,020,759 | 3018.3\% | 0.1765 | 56 |
| 2069 | 108,222 | 3,538,360 | 3269.5\% | 0.1701 | 46 |
| 2070 | 87,452 | 3,090,101 | 3533.5\% | 0.1638 | 38 |
| 2071 | 70,259 | 2,653,289 | 3776.4\% | 0.1578 | 31 |
| 2072 | 56,101 | 2,240,676 | 3994.0\% | 0.1521 | 25 |
| 2073 | 44,524 | 1,881,717 | 4226.3\% | 0.1465 | 20 |
| 2074 | 35,142 | 1,524,144 | 4337.1\% | 0.1411 | 16 |
| 2075 | 27,578 | 1,217,966 | 4416.5\% | 0.1360 | 13 |
| 2076 | 21,513 | 951,514 | 4423.0\% | 0.1310 | 10 |
| 2077 | 16,679 | 710,406 | 4259.4\% | 0.1262 | 8 |
| 2078 | 12,853 | 530,707 | 4129.2\% | 0.1216 | 6 |
| 2079 | 9,839 | 390,823 | 3972.2\% | 0.1171 | 4 |
| 2080 | 7,477 | 284,210 | 3801.2\% | 0.1128 | 3 |
| 2081 | 5,635 | 208,739 | 3704.2\% | 0.1087 | 2 |


| Accumulated and Present Values as of 12/31/2021 |  |  |  |
| :--- | :---: | ---: | ---: |
| Past: | $137,649,054$ | $9,044,354$ | $6.6 \%$ |
| Future: | $149,714,289$ | $249,147,868$ | $166.4 \%$ |
| Lifetime: | $287,363,343$ | $258,192,222$ | $89.8 \%$ |
|  |  |  |  |
| Lifetime with MAE: | $287,426,246$ | $327,010,301$ | $113.8 \%$ |

[^10]Exhibit 1b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 168,938,349 | 34,721,334 | 20.6\% | 0.9456 | 57,343 |
| 2024 | 176,648,565 | 42,316,421 | 24.0\% | 0.9110 | 56,542 |
| 2025 | 173,613,978 | 50,678,974 | 29.2\% | 0.8776 | 55,689 |
| 2026 | 170,402,860 | 59,847,394 | 35.1\% | 0.8455 | 54,769 |
| 2027 | 166,948,036 | 69,582,782 | 41.7\% | 0.8145 | 53,763 |
| 2028 | 163,204,199 | 80,640,056 | 49.4\% | 0.7847 | 52,658 |
| 2029 | 159,115,607 | 93,421,167 | 58.7\% | 0.7560 | 51,435 |
| 2030 | 154,602,505 | 106,930,742 | 69.2\% | 0.7283 | 50,069 |
| 2031 | 149,648,400 | 120,236,415 | 80.3\% | 0.7017 | 48,557 |
| 2032 | 144,238,658 | 133,905,991 | 92.8\% | 0.6760 | 46,915 |
| 2033 | 138,445,484 | 150,561,891 | 108.8\% | 0.6512 | 45,154 |
| 2034 | 132,317,242 | 169,377,335 | 128.0\% | 0.6274 | 43,281 |
| 2035 | 125,887,478 | 186,738,021 | 148.3\% | 0.6044 | 41,307 |
| 2036 | 119,201,529 | 201,995,250 | 169.5\% | 0.5823 | 39,244 |
| 2037 | 112,310,663 | 214,896,323 | 191.3\% | 0.5610 | 37,102 |
| 2038 | 105,253,970 | 226,808,975 | 215.5\% | 0.5404 | 34,893 |
| 2039 | 98,077,279 | 238,122,431 | 242.8\% | 0.5207 | 32,633 |
| 2040 | 90,840,794 | 245,367,180 | 270.1\% | 0.5016 | 30,343 |
| 2041 | 83,627,882 | 249,857,408 | 298.8\% | 0.4832 | 28,049 |
| 2042 | 76,518,955 | 252,755,795 | 330.3\% | 0.4655 | 25,768 |
| 2043 | 69,560,222 | 253,164,510 | 364.0\% | 0.4485 | 23,518 |
| 2044 | 62,797,841 | 251,251,600 | 400.1\% | 0.4321 | 21,322 |
| 2045 | 56,301,846 | 245,077,123 | 435.3\% | 0.4163 | 19,207 |
| 2046 | 50,142,343 | 236,705,628 | 472.1\% | 0.4010 | 17,195 |
| 2047 | 44,372,590 | 228,138,816 | 514.1\% | 0.3863 | 15,294 |
| 2048 | 39,003,862 | 217,141,146 | 556.7\% | 0.3722 | 13,510 |
| 2049 | 34,039,169 | 203,559,546 | 598.0\% | 0.3586 | 11,851 |
| 2050 | 29,490,339 | 187,925,018 | 637.2\% | 0.3454 | 10,325 |
| 2051 | 25,373,941 | 171,721,557 | 676.8\% | 0.3328 | 8,939 |
| 2052 | 21,691,277 | 157,065,943 | 724.1\% | 0.3206 | 7,688 |
| 2053 | 18,418,892 | 142,966,900 | 776.2\% | 0.3089 | 6,568 |
| 2054 | 15,530,329 | 128,880,105 | 829.9\% | 0.2976 | 5,573 |
| 2055 | 13,002,889 | 115,445,001 | 887.8\% | 0.2867 | 4,698 |
| 2056 | 10,816,109 | 102,455,797 | 947.3\% | 0.2762 | 3,938 |
| 2057 | 8,944,706 | 89,176,748 | 997.0\% | 0.2661 | 3,283 |
| 2058 | 7,353,998 | 76,692,499 | 1042.9\% | 0.2563 | 2,722 |
| 2059 | 6,010,195 | 66,383,939 | 1104.5\% | 0.2469 | 2,244 |
| 2060 | 4,883,617 | 57,673,682 | 1181.0\% | 0.2379 | 1,840 |
| 2061 | 3,946,586 | 49,998,991 | 1266.9\% | 0.2292 | 1,502 |
| 2062 | 3,172,383 | 43,208,377 | 1362.0\% | 0.2208 | 1,220 |
| 2063 | 2,536,694 | 37,053,640 | 1460.7\% | 0.2127 | 987 |
| 2064 | 2,018,957 | 31,528,582 | 1561.6\% | 0.2049 | 795 |
| 2065 | 1,599,867 | 26,778,054 | 1673.8\% | 0.1974 | 638 |
| 2066 | 1,262,059 | 22,650,502 | 1794.7\% | 0.1902 | 510 |
| 2067 | 991,092 | 18,950,506 | 1912.1\% | 0.1832 | 406 |
| 2068 | 774,915 | 15,700,929 | 2026.1\% | 0.1765 | 322 |
| 2069 | 603,462 | 13,141,374 | 2177.7\% | 0.1701 | 255 |
| 2070 | 467,659 | 10,912,878 | 2333.5\% | 0.1638 | 200 |
| 2071 | 360,180 | 8,923,111 | 2477.4\% | 0.1578 | 156 |
| 2072 | 275,388 | 7,288,787 | 2646.7\% | 0.1521 | 121 |
| 2073 | 208,919 | 5,896,136 | 2822.2\% | 0.1465 | 93 |
| 2074 | 157,267 | 4,688,658 | 2981.3\% | 0.1411 | 71 |
| 2075 | 117,514 | 3,698,194 | 3147.0\% | 0.1360 | 54 |
| 2076 | 87,068 | 2,890,537 | 3319.9\% | 0.1310 | 41 |
| 2077 | 63,932 | 2,213,976 | 3463.0\% | 0.1262 | 30 |
| 2078 | 46,534 | 1,631,040 | 3505.0\% | 0.1216 | 22 |
| 2079 | 33,591 | 1,193,006 | 3551.5\% | 0.1171 | 17 |
| 2080 | 24,035 | 869,589 | 3618.0\% | 0.1128 | 12 |
| 2081 | 17,043 | 631,215 | 3703.7\% | 0.1087 | 9 |


| Accumulated and Present | Values as of 12/31/2021 |  |  |
| :--- | :---: | ---: | ---: |
| Past: | $1,612,626,252$ | $75,998,208$ | $4.7 \%$ |
| Future: | $2,248,020,952$ | $2,911,472,691$ | $129.5 \%$ |
| Lifetime: | $3,860,647,205$ | $2,987,470,899$ | $77.4 \%$ |
|  |  |  |  |
| Lifetime with MAE: | $3,853,077,298$ | $3,944,526,908$ | $102.4 \%$ |


| Exhibit 1c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{lcc} \\ \text { Loss Ratio } & \begin{array}{c}\text { 30\% } \\ \text { Discount Factor }\end{array} & \text { Lives }\end{array}$ |  |  |
| Calendar Year | Earned Premium | Incurred Claims |  |  |  |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,535,829 | 12.2\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,149,715 | 15.3\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 3,892,472 | 19.2\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 4,799,412 | 24.1\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 5,862,955 | 29.8\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,047,808 | 36.4\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 8,298,676 | 43.7\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 9,751,304 | 52.4\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 11,432,776 | 62.8\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 13,195,463 | 74.3\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 15,098,923 | 87.6\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 17,108,708 | 102.6\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 19,459,707 | 121.0\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 22,078,681 | 143.0\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 24,537,408 | 166.3\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 26,773,771 | 190.7\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 28,744,885 | 216.1\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 30,607,858 | 244.1\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 32,325,690 | 275.1\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 33,535,692 | 306.2\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 34,466,701 | 339.6\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 35,237,549 | 377.0\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 35,552,938 | 415.6\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 35,365,014 | 454.8\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 34,520,830 | 491.7\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 33,489,396 | 531.8\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 32,504,613 | 579.1\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 31,098,300 | 625.8\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 29,263,132 | 670.0\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 26,998,501 | 708.4\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 24,673,631 | 747.2\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 22,632,523 | 796.1\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 20,629,189 | 848.9\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 18,652,434 | 904.5\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 16,765,077 | 964.9\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 14,879,018 | 1023.2\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 12,936,879 | 1069.2\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 11,127,809 | 1112.2\% | 0.2469 | 424 |
| 2060 | 822,070 | 9,642,958 | 1173.0\% | 0.2379 | 348 |
| 2061 | 671,368 | 8,378,724 | 1248.0\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,228,507 | 1326.0\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,200,377 | 1408.6\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,268,950 | 1490.5\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,445,096 | 1573.2\% | 0.1974 | 120 |
| 2066 | 224,822 | 3,753,383 | 1669.5\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,148,336 | 1768.4\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,605,967 | 1856.6\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,148,848 | 1949.8\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,774,582 | 2058.7\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,446,310 | 2155.9\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,169,477 | 2253.3\% | 0.1521 | 22 |
| 2073 | 39,869 | 942,365 | 2363.6\% | 0.1465 | 17 |
| 2074 | 30,403 | 758,639 | 2495.2\% | 0.1411 | 13 |
| 2075 | 23,031 | 602,165 | 2614.6\% | 0.1360 | 10 |
| 2076 | 17,332 | 473,890 | 2734.2\% | 0.1310 | 7 |
| 2077 | 12,930 | 373,281 | 2886.9\% | 0.1262 | 5 |
| 2078 | 9,568 | 284,385 | 2972.4\% | 0.1216 | 4 |
| 2079 | 7,017 | 207,684 | 2959.5\% | 0.1171 | 3 |
| 2080 | 5,106 | 150,434 | 2946.2\% | 0.1128 | 2 |
| 2081 | 3,684 | 109,666 | 2977.0\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 279,445,303 | 380,012,142 | 136.0\% |  |  |
| Lifetime: | 503,634,117 | 386,447,884 | 76.7\% |  |  |
| Lifetime | 502,728,661 | 520,098,784 | 103.5\% |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this filing |  |  |  |  |  |

Exhibit 2a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested 132\% Rate Increase* with MAS
Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,404,164 | 2,593,696 | 27.6\% | 0.9815 | 2,909 |
| 2023 | 14,978,705 | 3,368,382 | 22.5\% | 0.9456 | 2,882 |
| 2024 | 25,271,535 | 4,371,865 | 17.3\% | 0.9110 | 2,853 |
| 2025 | 24,943,287 | 5,123,430 | 20.5\% | 0.8776 | 2,821 |
| 2026 | 24,582,454 | 5,948,241 | 24.2\% | 0.8455 | 2,787 |
| 2027 | 24,175,704 | 6,802,629 | 28.1\% | 0.8145 | 2,749 |
| 2028 | 23,709,347 | 7,775,831 | 32.8\% | 0.7847 | 2,708 |
| 2029 | 23,216,911 | 8,901,552 | 38.3\% | 0.7560 | 2,661 |
| 2030 | 22,682,078 | 10,132,507 | 44.7\% | 0.7283 | 2,609 |
| 2031 | 22,102,331 | 11,387,400 | 51.5\% | 0.7017 | 2,552 |
| 2032 | 21,459,671 | 12,572,985 | 58.6\% | 0.6760 | 2,488 |
| 2033 | 20,776,939 | 13,972,611 | 67.3\% | 0.6512 | 2,420 |
| 2034 | 20,050,196 | 15,638,586 | 78.0\% | 0.6274 | 2,347 |
| 2035 | 19,282,080 | 17,203,070 | 89.2\% | 0.6044 | 2,270 |
| 2036 | 18,477,191 | 18,755,536 | 101.5\% | 0.5823 | 2,187 |
| 2037 | 17,636,558 | 20,318,339 | 115.2\% | 0.5610 | 2,100 |
| 2038 | 16,759,272 | 22,147,954 | 132.2\% | 0.5404 | 2,008 |
| 2039 | 15,847,630 | 24,191,121 | 152.6\% | 0.5207 | 1,912 |
| 2040 | 14,915,667 | 25,851,090 | 173.3\% | 0.5016 | 1,812 |
| 2041 | 13,965,408 | 27,262,708 | 195.2\% | 0.4832 | 1,709 |
| 2042 | 13,003,050 | 28,344,532 | 218.0\% | 0.4655 | 1,604 |
| 2043 | 12,034,079 | 29,165,323 | 242.4\% | 0.4485 | 1,497 |
| 2044 | 11,071,637 | 29,857,066 | 269.7\% | 0.4321 | 1,389 |
| 2045 | 10,130,014 | 29,991,549 | 296.1\% | 0.4163 | 1,283 |
| 2046 | 9,217,385 | 29,994,283 | 325.4\% | 0.4010 | 1,179 |
| 2047 | 8,342,136 | 29,829,641 | 357.6\% | 0.3863 | 1,078 |
| 2048 | 7,506,428 | 29,056,220 | 387.1\% | 0.3722 | 980 |
| 2049 | 6,712,335 | 27,864,178 | 415.1\% | 0.3586 | 886 |
| 2050 | 5,963,278 | 26,361,324 | 442.1\% | 0.3454 | 796 |
| 2051 | 5,271,549 | 24,949,554 | 473.3\% | 0.3328 | 713 |
| 2052 | 4,634,474 | 23,740,496 | 512.3\% | 0.3206 | 634 |
| 2053 | 4,051,203 | 22,365,865 | 552.1\% | 0.3089 | 562 |
| 2054 | 3,521,253 | 20,824,704 | 591.4\% | 0.2976 | 495 |
| 2055 | 3,043,442 | 19,219,667 | 631.5\% | 0.2867 | 434 |
| 2056 | 2,617,019 | 17,597,792 | 672.4\% | 0.2762 | 379 |
| 2057 | 2,239,741 | 15,713,429 | 701.6\% | 0.2661 | 329 |
| 2058 | 1,907,469 | 13,880,285 | 727.7\% | 0.2563 | 285 |
| 2059 | 1,616,787 | 12,534,992 | 775.3\% | 0.2469 | 246 |
| 2060 | 1,363,962 | 11,411,030 | 836.6\% | 0.2379 | 212 |
| 2061 | 1,145,424 | 10,460,208 | 913.2\% | 0.2292 | 181 |
| 2062 | 957,527 | 9,532,690 | 995.6\% | 0.2208 | 155 |
| 2063 | 797,078 | 8,626,815 | 1082.3\% | 0.2127 | 131 |
| 2064 | 661,069 | 7,736,143 | 1170.2\% | 0.2049 | 111 |
| 2065 | 546,058 | 6,911,589 | 1265.7\% | 0.1974 | 94 |
| 2066 | 449,089 | 6,123,544 | 1363.5\% | 0.1902 | 79 |
| 2067 | 367,696 | 5,266,709 | 1432.4\% | 0.1832 | 66 |
| 2068 | 299,712 | 4,474,295 | 1492.9\% | 0.1765 | 55 |
| 2069 | 243,145 | 3,881,954 | 1596.6\% | 0.1701 | 45 |
| 2070 | 196,173 | 3,340,567 | 1702.9\% | 0.1638 | 37 |
| 2071 | 157,337 | 2,825,685 | 1795.9\% | 0.1578 | 30 |
| 2072 | 125,401 | 2,347,745 | 1872.2\% | 0.1521 | 24 |
| 2073 | 99,326 | 1,939,142 | 1952.3\% | 0.1465 | 20 |
| 2074 | 78,228 | 1,542,091 | 1971.3\% | 0.1411 | 16 |
| 2075 | 61,247 | 1,209,311 | 1974.5\% | 0.1360 | 12 |
| 2076 | 47,661 | 926,963 | 1944.9\% | 0.1310 | 9 |
| 2077 | 36,854 | 678,298 | 1840.5\% | 0.1262 | 7 |
| 2078 | 28,321 | 496,772 | 1754.1\% | 0.1216 | 6 |
| 2079 | 21,616 | 358,420 | 1658.2\% | 0.1171 | 4 |
| 2080 | 16,374 | 255,592 | 1560.9\% | 0.1128 | 3 |
| 2081 | 12,300 | 184,065 | 1496.5\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 326,267,857 | 337,119,282 | 103.3\% |  |  |
| Lifetime: | 463,916,911 | 346,163,636 | 74.6\% |  |  |

Exhibit 2b: Flex 1 Policy Forms - Nationwide Experience
Limited High BIO With Requested 86\% Rate Increase* with MAS
Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,400,199 | 29,484,140 | 23.9\% | 0.9815 | 58,102 |
| 2023 | 217,198,886 | 40,871,140 | 18.8\% | 0.9456 | 57,330 |
| 2024 | 328,020,042 | 55,488,326 | 16.9\% | 0.9110 | 56,542 |
| 2025 | 322,496,300 | 68,270,393 | 21.2\% | 0.8776 | 55,694 |
| 2026 | 316,579,839 | 82,229,345 | 26.0\% | 0.8455 | 54,771 |
| 2027 | 310,144,508 | 96,675,451 | 31.2\% | 0.8145 | 53,756 |
| 2028 | 303,111,172 | 112,386,059 | 37.1\% | 0.7847 | 52,636 |
| 2029 | 295,399,810 | 129,941,235 | 44.0\% | 0.7560 | 51,397 |
| 2030 | 286,904,936 | 148,918,669 | 51.9\% | 0.7283 | 50,021 |
| 2031 | 277,612,850 | 168,407,331 | 60.7\% | 0.7017 | 48,503 |
| 2032 | 267,496,944 | 187,326,869 | 70.0\% | 0.6760 | 46,857 |
| 2033 | 256,685,784 | 207,787,792 | 81.0\% | 0.6512 | 45,099 |
| 2034 | 245,281,355 | 230,483,596 | 94.0\% | 0.6274 | 43,235 |
| 2035 | 233,354,286 | 251,478,882 | 107.8\% | 0.6044 | 41,278 |
| 2036 | 221,003,805 | 272,464,538 | 123.3\% | 0.5823 | 39,233 |
| 2037 | 208,271,564 | 293,698,149 | 141.0\% | 0.5610 | 37,104 |
| 2038 | 195,203,163 | 314,403,525 | 161.1\% | 0.5404 | 34,902 |
| 2039 | 181,875,756 | 334,526,038 | 183.9\% | 0.5207 | 32,640 |
| 2040 | 168,391,564 | 348,767,431 | 207.1\% | 0.5016 | 30,339 |
| 2041 | 154,901,805 | 358,765,481 | 231.6\% | 0.4832 | 28,024 |
| 2042 | 141,557,681 | 365,875,766 | 258.5\% | 0.4655 | 25,715 |
| 2043 | 128,462,300 | 368,562,589 | 286.9\% | 0.4485 | 23,430 |
| 2044 | 115,711,802 | 366,868,464 | 317.1\% | 0.4321 | 21,200 |
| 2045 | 103,472,240 | 358,172,538 | 346.2\% | 0.4163 | 19,056 |
| 2046 | 91,893,189 | 346,063,036 | 376.6\% | 0.4010 | 17,020 |
| 2047 | 81,081,958 | 333,577,142 | 411.4\% | 0.3863 | 15,102 |
| 2048 | 71,056,209 | 317,411,627 | 446.7\% | 0.3722 | 13,308 |
| 2049 | 61,820,338 | 297,364,489 | 481.0\% | 0.3586 | 11,645 |
| 2050 | 53,391,076 | 274,190,499 | 513.6\% | 0.3454 | 10,120 |
| 2051 | 45,793,657 | 250,124,806 | 546.2\% | 0.3328 | 8,738 |
| 2052 | 39,025,406 | 228,220,315 | 584.8\% | 0.3206 | 7,497 |
| 2053 | 33,036,251 | 206,980,363 | 626.5\% | 0.3089 | 6,389 |
| 2054 | 27,772,183 | 185,614,917 | 668.3\% | 0.2976 | 5,408 |
| 2055 | 23,186,249 | 165,152,201 | 712.3\% | 0.2867 | 4,550 |
| 2056 | 19,234,633 | 145,479,609 | 756.3\% | 0.2762 | 3,806 |
| 2057 | 15,866,317 | 125,612,193 | 791.7\% | 0.2661 | 3,167 |
| 2058 | 13,013,717 | 107,119,909 | 823.1\% | 0.2563 | 2,621 |
| 2059 | 10,612,777 | 91,949,502 | 866.4\% | 0.2469 | 2,158 |
| 2060 | 8,606,781 | 79,218,931 | 920.4\% | 0.2379 | 1,768 |
| 2061 | 6,943,392 | 68,090,177 | 980.6\% | 0.2292 | 1,441 |
| 2062 | 5,572,789 | 58,325,994 | 1046.6\% | 0.2208 | 1,170 |
| 2063 | 4,450,267 | 49,565,356 | 1113.8\% | 0.2127 | 946 |
| 2064 | 3,538,035 | 41,780,802 | 1180.9\% | 0.2049 | 761 |
| 2065 | 2,800,922 | 35,148,091 | 1254.9\% | 0.1974 | 611 |
| 2066 | 2,207,695 | 29,441,884 | 1333.6\% | 0.1902 | 488 |
| 2067 | 1,732,436 | 24,384,988 | 1407.6\% | 0.1832 | 389 |
| 2068 | 1,353,565 | 19,989,139 | 1476.8\% | 0.1765 | 308 |
| 2069 | 1,053,150 | 16,549,274 | 1571.4\% | 0.1701 | 244 |
| 2070 | 815,199 | 13,587,462 | 1666.8\% | 0.1638 | 191 |
| 2071 | 627,007 | 10,978,154 | 1750.9\% | 0.1578 | 149 |
| 2072 | 478,618 | 8,859,191 | 1851.0\% | 0.1521 | 116 |
| 2073 | 362,420 | 7,074,693 | 1952.1\% | 0.1465 | 89 |
| 2074 | 272,221 | 5,550,877 | 2039.1\% | 0.1411 | 68 |
| 2075 | 202,886 | 4,317,389 | 2128.0\% | 0.1360 | 51 |
| 2076 | 149,916 | 3,325,723 | 2218.4\% | 0.1310 | 39 |
| 2077 | 109,744 | 2,509,738 | 2286.9\% | 0.1262 | 29 |
| 2078 | 79,613 | 1,819,486 | 2285.4\% | 0.1216 | 21 |
| 2079 | 57,246 | 1,309,435 | 2287.4\% | 0.1171 | 16 |
| 2080 | 40,791 | 938,677 | 2301.2\% | 0.1128 | 11 |
| 2081 | 28,791 | 669,783 | 2326.3\% | 0.1087 | 8 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 3,970,412,630 | 4,089,573,854 | 103.0\% |  |  |
| Lifetime: | 5,583,038,883 | 4,165,572,062 | 74.6\% |  |  |

Exhibit 2c: Flex 1 Policy Forms - Nationwide Experience Limited High BIO With Requested 94.8\% Rate Increase* with MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,806,907 | 2,773,201 | 13.3\% | 0.9815 | 8,900 |
| 2023 | 27,012,898 | 3,747,913 | 13.9\% | 0.9456 | 8,787 |
| 2024 | 39,371,925 | 5,185,679 | 13.2\% | 0.9110 | 8,677 |
| 2025 | 38,845,484 | 6,579,048 | 16.9\% | 0.8776 | 8,563 |
| 2026 | 38,282,839 | 8,210,139 | 21.4\% | 0.8455 | 8,438 |
| 2027 | 37,665,945 | 10,046,450 | 26.7\% | 0.8145 | 8,302 |
| 2028 | 36,985,575 | 11,981,167 | 32.4\% | 0.7847 | 8,151 |
| 2029 | 36,232,352 | 14,079,693 | 38.9\% | 0.7560 | 7,984 |
| 2030 | 35,401,854 | 16,451,237 | 46.5\% | 0.7283 | 7,799 |
| 2031 | 34,486,152 | 19,004,891 | 55.1\% | 0.7017 | 7,594 |
| 2032 | 33,476,646 | 21,617,988 | 64.6\% | 0.6760 | 7,369 |
| 2033 | 32,373,304 | 24,186,748 | 74.7\% | 0.6512 | 7,126 |
| 2034 | 31,190,395 | 27,060,319 | 86.8\% | 0.6274 | 6,867 |
| 2035 | 29,936,658 | 30,188,898 | 100.8\% | 0.6044 | 6,592 |
| 2036 | 28,620,098 | 33,381,692 | 116.6\% | 0.5823 | 6,303 |
| 2037 | 27,242,970 | 36,734,707 | 134.8\% | 0.5610 | 6,000 |
| 2038 | 25,809,821 | 39,943,079 | 154.8\% | 0.5404 | 5,683 |
| 2039 | 24,326,117 | 43,087,697 | 177.1\% | 0.5207 | 5,355 |
| 2040 | 22,799,891 | 46,053,096 | 202.0\% | 0.5016 | 5,016 |
| 2041 | 21,242,855 | 48,281,672 | 227.3\% | 0.4832 | 4,672 |
| 2042 | 19,670,041 | 50,054,943 | 254.5\% | 0.4655 | 4,323 |
| 2043 | 18,098,873 | 51,506,782 | 284.6\% | 0.4485 | 3,975 |
| 2044 | 16,539,343 | 52,173,225 | 315.4\% | 0.4321 | 3,628 |
| 2045 | 15,005,243 | 51,989,648 | 346.5\% | 0.4163 | 3,289 |
| 2046 | 13,518,619 | 50,795,702 | 375.7\% | 0.4010 | 2,962 |
| 2047 | 12,098,250 | 49,319,290 | 407.7\% | 0.3863 | 2,649 |
| 2048 | 10,757,401 | 47,891,331 | 445.2\% | 0.3722 | 2,354 |
| 2049 | 9,498,810 | 45,819,708 | 482.4\% | 0.3586 | 2,076 |
| 2050 | 8,326,271 | 43,089,795 | 517.5\% | 0.3454 | 1,817 |
| 2051 | 7,244,955 | 39,707,661 | 548.1\% | 0.3328 | 1,579 |
| 2052 | 6,259,907 | 36,225,026 | 578.7\% | 0.3206 | 1,363 |
| 2053 | 5,373,340 | 33,135,097 | 616.7\% | 0.3089 | 1,169 |
| 2054 | 4,580,095 | 30,074,877 | 656.6\% | 0.2976 | 994 |
| 2055 | 3,875,595 | 27,037,933 | 697.6\% | 0.2867 | 840 |
| 2056 | 3,256,159 | 24,146,470 | 741.6\% | 0.2762 | 705 |
| 2057 | 2,718,075 | 21,278,805 | 782.9\% | 0.2661 | 588 |
| 2058 | 2,255,747 | 18,361,963 | 814.0\% | 0.2563 | 488 |
| 2059 | 1,860,667 | 15,668,536 | 842.1\% | 0.2469 | 402 |
| 2060 | 1,525,421 | 13,469,579 | 883.0\% | 0.2379 | 329 |
| 2061 | 1,243,246 | 11,610,287 | 933.9\% | 0.2292 | 268 |
| 2062 | 1,007,639 | 9,936,876 | 986.2\% | 0.2208 | 217 |
| 2063 | 812,250 | 8,455,101 | 1040.9\% | 0.2127 | 175 |
| 2064 | 651,316 | 7,126,254 | 1094.1\% | 0.2049 | 141 |
| 2065 | 519,925 | 5,963,426 | 1147.0\% | 0.1974 | 112 |
| 2066 | 413,219 | 4,993,931 | 1208.5\% | 0.1902 | 89 |
| 2067 | 326,878 | 4,156,019 | 1271.4\% | 0.1832 | 71 |
| 2068 | 257,471 | 3,412,113 | 1325.2\% | 0.1765 | 56 |
| 2069 | 201,974 | 2,789,294 | 1381.0\% | 0.1701 | 44 |
| 2070 | 157,788 | 2,283,329 | 1447.1\% | 0.1638 | 34 |
| 2071 | 122,635 | 1,844,599 | 1504.1\% | 0.1578 | 27 |
| 2072 | 94,703 | 1,478,703 | 1561.4\% | 0.1521 | 20 |
| 2073 | 72,592 | 1,180,999 | 1626.9\% | 0.1465 | 16 |
| 2074 | 55,229 | 941,712 | 1705.1\% | 0.1411 | 12 |
| 2075 | 41,727 | 740,411 | 1774.4\% | 0.1360 | 9 |
| 2076 | 31,305 | 576,327 | 1841.0\% | 0.1310 | 7 |
| 2077 | 23,276 | 448,939 | 1928.7\% | 0.1262 | 5 |
| 2078 | 17,161 | 337,765 | 1968.2\% | 0.1216 | 4 |
| 2079 | 12,537 | 243,067 | 1938.8\% | 0.1171 | 3 |
| 2080 | 9,084 | 173,605 | 1911.2\% | 0.1128 | 2 |
| 2081 | 6,522 | 124,334 | 1906.3\% | 0.1087 | 1 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 510,859,732 | 541,971,498 | 106.1\% |  |  |
| Lifetime: | 735,048,546 | 548,407,240 | 74.6\% |  |  |


| Calendar Year | Exhibit 3a: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Virginia Approved Rate Increase* without MAE Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ <br> Discount Factor |  |
| 2011 | 155,234 | 0 | 0.0\% | 1.4794 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.4252 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.3730 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3228 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.2743 | 3,059 |
| 2016 | 11,693,994 | 2,116,954 | 18.1\% | 1.2277 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.1827 | 2,984 |
| 2018 | 11,419,009 | 756,716 | 6.6\% | 1.1394 | 2,950 |
| 2019 | 11,291,500 | 789,813 | 7.0\% | 1.0977 | 2,919 |
| 2020 | 11,202,067 | 2,282,987 | 20.4\% | 1.0575 | 2,898 |
| 2021 | 11,090,374 | 1,575,186 | 14.2\% | 1.0188 | 2,871 |
| 2022 | 9,394,722 | 2,387,763 | 25.4\% | 0.9815 | 2,837 |
| 2023 | 10,391,509 | 2,872,254 | 27.6\% | 0.9456 | 2,808 |
| 2024 | 10,895,359 | 3,317,465 | 30.4\% | 0.9110 | 2,779 |
| 2025 | 10,745,371 | 3,795,651 | 35.3\% | 0.8776 | 2,747 |
| 2026 | 10,583,970 | 4,321,305 | 40.8\% | 0.8455 | 2,713 |
| 2027 | 10,405,002 | 4,870,330 | 46.8\% | 0.8145 | 2,677 |
| 2028 | 10,202,550 | 5,525,198 | 54.2\% | 0.7847 | 2,636 |
| 2029 | 9,990,195 | 6,300,855 | 63.1\% | 0.7560 | 2,591 |
| 2030 | 9,759,579 | 7,116,568 | 72.9\% | 0.7283 | 2,541 |
| 2031 | 9,509,327 | 7,908,892 | 83.2\% | 0.7017 | 2,485 |
| 2032 | 9,232,375 | 8,695,710 | 94.2\% | 0.6760 | 2,424 |
| 2033 | 8,938,523 | 9,782,917 | 109.4\% | 0.6512 | 2,358 |
| 2034 | 8,625,417 | 11,124,963 | 129.0\% | 0.6274 | 2,287 |
| 2035 | 8,294,036 | 12,389,183 | 149.4\% | 0.6044 | 2,211 |
| 2036 | 7,946,139 | 13,532,131 | 170.3\% | 0.5823 | 2,130 |
| 2037 | 7,583,297 | 14,555,387 | 191.9\% | 0.5610 | 2,045 |
| 2038 | 7,205,603 | 15,757,026 | 218.7\% | 0.5404 | 1,956 |
| 2039 | 6,814,119 | 17,117,927 | 251.2\% | 0.5207 | 1,862 |
| 2040 | 6,414,971 | 18,214,507 | 283.9\% | 0.5016 | 1,766 |
| 2041 | 6,009,037 | 19,156,962 | 318.8\% | 0.4832 | 1,666 |
| 2042 | 5,598,852 | 19,909,574 | 355.6\% | 0.4655 | 1,564 |
| 2043 | 5,186,471 | 20,513,345 | 395.5\% | 0.4485 | 1,461 |
| 2044 | 4,777,338 | 21,080,403 | 441.3\% | 0.4321 | 1,357 |
| 2045 | 4,376,581 | 21,277,339 | 486.2\% | 0.4163 | 1,255 |
| 2046 | 3,987,258 | 21,382,519 | 536.3\% | 0.4010 | 1,154 |
| 2047 | 3,613,442 | 21,384,188 | 591.8\% | 0.3863 | 1,056 |
| 2048 | 3,255,900 | 20,947,237 | 643.4\% | 0.3722 | 961 |
| 2049 | 2,915,434 | 20,208,717 | 693.2\% | 0.3586 | 869 |
| 2050 | 2,593,574 | 19,230,390 | 741.5\% | 0.3454 | 782 |
| 2051 | 2,295,735 | 18,300,803 | 797.2\% | 0.3328 | 700 |
| 2052 | 2,020,921 | 17,527,530 | 867.3\% | 0.3206 | 624 |
| 2053 | 1,768,801 | 16,637,255 | 940.6\% | 0.3089 | 553 |
| 2054 | 1,539,254 | 15,629,163 | 1015.4\% | 0.2976 | 487 |
| 2055 | 1,331,877 | 14,566,959 | 1093.7\% | 0.2867 | 428 |
| 2056 | 1,146,480 | 13,470,950 | 1175.0\% | 0.2762 | 374 |
| 2057 | 982,195 | 12,161,159 | 1238.2\% | 0.2661 | 325 |
| 2058 | 837,272 | 10,851,760 | 1296.1\% | 0.2563 | 282 |
| 2059 | 710,294 | 9,901,172 | 1394.0\% | 0.2469 | 243 |
| 2060 | 599,703 | 9,103,616 | 1518.0\% | 0.2379 | 209 |
| 2061 | 503,995 | 8,432,346 | 1673.1\% | 0.2292 | 179 |
| 2062 | 421,614 | 7,777,808 | 1844.8\% | 0.2208 | 153 |
| 2063 | 351,196 | 7,115,441 | 2026.1\% | 0.2127 | 130 |
| 2064 | 291,462 | 6,456,775 | 2215.3\% | 0.2049 | 110 |
| 2065 | 240,918 | 5,838,218 | 2423.3\% | 0.1974 | 93 |
| 2066 | 198,281 | 5,240,765 | 2643.1\% | 0.1902 | 78 |
| 2067 | 162,481 | 4,578,381 | 2817.8\% | 0.1832 | 66 |
| 2068 | 132,572 | 3,939,932 | 2971.9\% | 0.1765 | 55 |
| 2069 | 107,679 | 3,467,193 | 3219.9\% | 0.1701 | 45 |
| 2070 | 86,998 | 3,029,420 | 3482.2\% | 0.1638 | 37 |
| 2071 | 69,885 | 2,602,265 | 3723.7\% | 0.1578 | 30 |
| 2072 | 55,796 | 2,202,881 | 3948.1\% | 0.1521 | 25 |
| 2073 | 44,278 | 1,851,664 | 4181.9\% | 0.1465 | 20 |
| 2074 | 34,947 | 1,500,313 | 4293.1\% | 0.1411 | 16 |
| 2075 | 27,426 | 1,199,205 | 4372.5\% | 0.1360 | 12 |
| 2076 | 21,397 | 937,973 | 4383.6\% | 0.1310 | 10 |
| 2077 | 16,592 | 700,816 | 4223.8\% | 0.1262 | 7 |
| 2078 | 12,790 | 523,910 | 4096.4\% | 0.1216 | 6 |
| 2079 | 9,794 | 385,998 | 3941.1\% | 0.1171 | 4 |
| 2080 | 7,445 | 280,780 | 3771.2\% | 0.1128 | 3 |
| 2081 | 5,613 | 206,306 | 3675.2\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 133,529,388 | 9,038,807 | 6.8\% |  |  |
| Future: | 149,530,098 | 245,451,230 | 164.1\% |  |  |
| Lifetime: | 283,059,486 | 254,490,038 | 89.9\% |  |  |
| Lifetime with MAE | 283,123,127 | 322,270,571 | 113.8\% |  |  |


| Exhibit 3b: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% Discount Factor |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 1,611,881 | 0 | 0.0\% | 1.4794 | 4,634 |
| 2012 | 57,730,712 | 20,606 | 0.0\% | 1.4252 | 47,164 |
| 2013 | 129,706,160 | 933,524 | 0.7\% | 1.3730 | 61,521 |
| 2014 | 146,123,991 | 1,584,107 | 1.1\% | 1.3228 | 62,534 |
| 2015 | 144,629,264 | 2,715,353 | 1.9\% | 1.2743 | 61,558 |
| 2016 | 142,319,363 | 5,046,691 | 3.5\% | 1.2277 | 60,720 |
| 2017 | 140,552,877 | 5,350,906 | 3.8\% | 1.1827 | 59,989 |
| 2018 | 138,907,300 | 8,111,539 | 5.8\% | 1.1394 | 59,323 |
| 2019 | 137,447,989 | 10,538,032 | 7.7\% | 1.0977 | 58,753 |
| 2020 | 136,035,180 | 13,219,621 | 9.7\% | 1.0575 | 58,194 |
| 2021 | 134,771,982 | 20,895,963 | 15.5\% | 1.0188 | 57,679 |
| 2022 | 123,238,102 | 26,903,016 | 21.8\% | 0.9815 | 56,848 |
| 2023 | 168,639,340 | 34,524,258 | 20.5\% | 0.9456 | 56,077 |
| 2024 | 176,334,890 | 42,067,992 | 23.9\% | 0.9110 | 55,287 |
| 2025 | 173,304,954 | 50,370,519 | 29.1\% | 0.8776 | 54,446 |
| 2026 | 170,099,012 | 59,472,735 | 35.0\% | 0.8455 | 53,540 |
| 2027 | 166,649,950 | 69,133,488 | 41.5\% | 0.8145 | 52,552 |
| 2028 | 162,912,543 | 80,097,510 | 49.2\% | 0.7847 | 51,467 |
| 2029 | 158,831,133 | 92,772,901 | 58.4\% | 0.7560 | 50,267 |
| 2030 | 154,326,077 | 106,167,514 | 68.8\% | 0.7283 | 48,930 |
| 2031 | 149,380,967 | 119,360,976 | 79.9\% | 0.7017 | 47,450 |
| 2032 | 143,981,093 | 132,923,554 | 92.3\% | 0.6760 | 45,843 |
| 2033 | 138,198,448 | 149,428,407 | 108.1\% | 0.6512 | 44,123 |
| 2034 | 132,081,351 | 168,093,326 | 127.3\% | 0.6274 | 42,293 |
| 2035 | 125,663,273 | 185,317,541 | 147.5\% | 0.6044 | 40,364 |
| 2036 | 118,989,468 | 200,452,955 | 168.5\% | 0.5823 | 38,349 |
| 2037 | 112,111,109 | 213,251,431 | 190.2\% | 0.5610 | 36,257 |
| 2038 | 105,067,223 | 225,038,026 | 214.2\% | 0.5404 | 34,100 |
| 2039 | 97,903,535 | 236,248,385 | 241.3\% | 0.5207 | 31,894 |
| 2040 | 90,680,129 | 243,437,872 | 268.5\% | 0.5016 | 29,658 |
| 2041 | 83,480,213 | 247,870,637 | 296.9\% | 0.4832 | 27,417 |
| 2042 | 76,384,063 | 250,734,638 | 328.3\% | 0.4655 | 25,190 |
| 2043 | 69,437,823 | 251,113,456 | 361.6\% | 0.4485 | 22,993 |
| 2044 | 62,687,541 | 249,193,034 | 397.5\% | 0.4321 | 20,848 |
| 2045 | 56,203,105 | 243,061,460 | 432.5\% | 0.4163 | 18,781 |
| 2046 | 50,054,505 | 234,723,470 | 468.9\% | 0.4010 | 16,815 |
| 2047 | 44,294,933 | 226,206,566 | 510.7\% | 0.3863 | 14,958 |
| 2048 | 38,935,680 | 215,288,184 | 552.9\% | 0.3722 | 13,214 |
| 2049 | 33,979,729 | 201,798,123 | 593.9\% | 0.3586 | 11,593 |
| 2050 | 29,438,887 | 186,290,889 | 632.8\% | 0.3454 | 10,101 |
| 2051 | 25,329,701 | 170,193,996 | 671.9\% | 0.3328 | 8,745 |
| 2052 | 21,653,484 | 155,638,963 | 718.8\% | 0.3206 | 7,522 |
| 2053 | 18,386,837 | 141,650,691 | 770.4\% | 0.3089 | 6,426 |
| 2054 | 15,503,334 | 127,678,503 | 823.6\% | 0.2976 | 5,452 |
| 2055 | 12,980,308 | 114,353,991 | 881.0\% | 0.2867 | 4,597 |
| 2056 | 10,797,334 | 101,478,478 | 939.8\% | 0.2762 | 3,853 |
| 2057 | 8,929,183 | 88,326,002 | 989.2\% | 0.2661 | 3,212 |
| 2058 | 7,341,240 | 75,940,247 | 1034.4\% | 0.2563 | 2,662 |
| 2059 | 5,999,768 | 65,718,623 | 1095.4\% | 0.2469 | 2,195 |
| 2060 | 4,875,142 | 57,082,893 | 1170.9\% | 0.2379 | 1,800 |
| 2061 | 3,939,733 | 49,475,402 | 1255.8\% | 0.2292 | 1,469 |
| 2062 | 3,166,872 | 42,754,649 | 1350.1\% | 0.2208 | 1,193 |
| 2063 | 2,532,283 | 36,665,324 | 1447.9\% | 0.2127 | 965 |
| 2064 | 2,015,444 | 31,195,562 | 1547.8\% | 0.2049 | 777 |
| 2065 | 1,597,084 | 26,491,706 | 1658.8\% | 0.1974 | 624 |
| 2066 | 1,259,865 | 22,402,920 | 1778.2\% | 0.1902 | 498 |
| 2067 | 989,373 | 18,748,670 | 1895.0\% | 0.1832 | 397 |
| 2068 | 773,575 | 15,533,249 | 2008.0\% | 0.1765 | 315 |
| 2069 | 602,425 | 13,003,346 | 2158.5\% | 0.1701 | 249 |
| 2070 | 466,864 | 10,801,064 | 2313.5\% | 0.1638 | 196 |
| 2071 | 359,577 | 8,833,025 | 2456.5\% | 0.1578 | 153 |
| 2072 | 274,936 | 7,216,704 | 2624.9\% | 0.1521 | 118 |
| 2073 | 208,583 | 5,840,350 | 2800.0\% | 0.1465 | 91 |
| 2074 | 157,021 | 4,647,056 | 2959.5\% | 0.1411 | 70 |
| 2075 | 117,336 | 3,666,696 | 3124.9\% | 0.1360 | 53 |
| 2076 | 86,941 | 2,866,932 | 3297.6\% | 0.1310 | 40 |
| 2077 | 63,842 | 2,197,112 | 3441.5\% | 0.1262 | 30 |
| 2078 | 46,471 | 1,619,237 | 3484.4\% | 0.1216 | 22 |
| 2079 | 33,548 | 1,184,824 | 3531.8\% | 0.1171 | 16 |
| 2080 | 24,005 | 863,944 | 3599.0\% | 0.1128 | 12 |
| 2081 | 17,023 | 627,340 | 3685.3\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,571,631,207 | 75,471,197 | 4.8\% |  |  |
| Future: | 2,244,038,654 | 2,888,433,213 | 128.7\% |  |  |
| Lifetime: | 3,815,669,861 | 2,963,904,410 | 77.7\% |  |  |
| Lifetime with MAE | 3,808,103,942 | 3,915,918,210 | 102.8\% |  |  |

Exhibit 3c: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE

Applicable to policies that are subject to couples discount Excludes Paid-Up Policies

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 569,076 | 0 | 0.0\% | 1.4252 | 1,387 |
| 2013 | 12,157,491 | 3,188 | 0.0\% | 1.3730 | 8,355 |
| 2014 | 22,133,430 | 80,000 | 0.4\% | 1.3228 | 9,825 |
| 2015 | 23,089,515 | 194,823 | 0.8\% | 1.2743 | 9,693 |
| 2016 | 22,689,416 | 668,171 | 2.9\% | 1.2277 | 9,538 |
| 2017 | 22,341,022 | 53,442 | 0.2\% | 1.1827 | 9,420 |
| 2018 | 22,012,767 | 225,258 | 1.0\% | 1.1394 | 9,290 |
| 2019 | 21,745,889 | 2,170,538 | 10.0\% | 1.0977 | 9,194 |
| 2020 | 21,491,142 | 912,908 | 4.2\% | 1.0575 | 9,093 |
| 2021 | 21,273,885 | 1,559,496 | 7.3\% | 1.0188 | 9,008 |
| 2022 | 20,794,848 | 2,535,428 | 12.2\% | 0.9815 | 8,890 |
| 2023 | 20,513,617 | 3,149,211 | 15.4\% | 0.9456 | 8,775 |
| 2024 | 20,214,199 | 3,891,837 | 19.3\% | 0.9110 | 8,662 |
| 2025 | 19,937,080 | 4,798,614 | 24.1\% | 0.8776 | 8,548 |
| 2026 | 19,646,059 | 5,861,953 | 29.8\% | 0.8455 | 8,423 |
| 2027 | 19,330,806 | 7,046,584 | 36.5\% | 0.8145 | 8,289 |
| 2028 | 18,986,620 | 8,297,209 | 43.7\% | 0.7847 | 8,141 |
| 2029 | 18,608,869 | 9,749,551 | 52.4\% | 0.7560 | 7,979 |
| 2030 | 18,194,774 | 11,430,653 | 62.8\% | 0.7283 | 7,799 |
| 2031 | 17,736,805 | 13,192,900 | 74.4\% | 0.7017 | 7,600 |
| 2032 | 17,229,137 | 15,095,900 | 87.6\% | 0.6760 | 7,379 |
| 2033 | 16,670,076 | 17,105,289 | 102.6\% | 0.6512 | 7,139 |
| 2034 | 16,066,910 | 19,455,821 | 121.1\% | 0.6274 | 6,881 |
| 2035 | 15,423,967 | 22,074,209 | 143.1\% | 0.6044 | 6,606 |
| 2036 | 14,744,784 | 24,532,349 | 166.4\% | 0.5823 | 6,316 |
| 2037 | 14,033,157 | 26,768,138 | 190.7\% | 0.5610 | 6,012 |
| 2038 | 13,293,318 | 28,738,780 | 216.2\% | 0.5404 | 5,695 |
| 2039 | 12,528,618 | 30,601,222 | 244.3\% | 0.5207 | 5,367 |
| 2040 | 11,743,925 | 32,318,352 | 275.2\% | 0.5016 | 5,030 |
| 2041 | 10,945,758 | 33,527,689 | 306.3\% | 0.4832 | 4,688 |
| 2042 | 10,142,044 | 34,458,085 | 339.8\% | 0.4655 | 4,343 |
| 2043 | 9,341,658 | 35,228,398 | 377.1\% | 0.4485 | 3,999 |
| 2044 | 8,549,175 | 35,543,321 | 415.8\% | 0.4321 | 3,657 |
| 2045 | 7,770,981 | 35,354,959 | 455.0\% | 0.4163 | 3,323 |
| 2046 | 7,016,396 | 34,510,503 | 491.9\% | 0.4010 | 3,000 |
| 2047 | 6,293,892 | 33,478,862 | 531.9\% | 0.3863 | 2,690 |
| 2048 | 5,610,270 | 32,493,855 | 579.2\% | 0.3722 | 2,397 |
| 2049 | 4,966,785 | 31,087,558 | 625.9\% | 0.3586 | 2,120 |
| 2050 | 4,365,543 | 29,252,680 | 670.1\% | 0.3454 | 1,862 |
| 2051 | 3,809,200 | 26,988,869 | 708.5\% | 0.3328 | 1,623 |
| 2052 | 3,300,677 | 24,665,228 | 747.3\% | 0.3206 | 1,406 |
| 2053 | 2,841,413 | 22,624,627 | 796.2\% | 0.3089 | 1,209 |
| 2054 | 2,429,013 | 20,621,805 | 849.0\% | 0.2976 | 1,032 |
| 2055 | 2,061,323 | 18,645,624 | 904.5\% | 0.2867 | 875 |
| 2056 | 1,736,684 | 16,759,086 | 965.0\% | 0.2762 | 736 |
| 2057 | 1,453,584 | 14,874,085 | 1023.3\% | 0.2661 | 616 |
| 2058 | 1,209,483 | 12,932,611 | 1069.3\% | 0.2563 | 512 |
| 2059 | 1,000,105 | 11,124,157 | 1112.3\% | 0.2469 | 423 |
| 2060 | 821,772 | 9,639,830 | 1173.1\% | 0.2379 | 348 |
| 2061 | 671,135 | 8,376,094 | 1248.0\% | 0.2292 | 284 |
| 2062 | 544,969 | 7,226,405 | 1326.0\% | 0.2208 | 230 |
| 2063 | 440,047 | 6,198,767 | 1408.7\% | 0.2127 | 186 |
| 2064 | 353,397 | 5,267,727 | 1490.6\% | 0.2049 | 150 |
| 2065 | 282,470 | 4,444,185 | 1573.3\% | 0.1974 | 120 |
| 2066 | 224,762 | 3,752,713 | 1669.6\% | 0.1902 | 95 |
| 2067 | 177,989 | 3,147,856 | 1768.6\% | 0.1832 | 76 |
| 2068 | 140,330 | 2,605,637 | 1856.8\% | 0.1765 | 60 |
| 2069 | 110,186 | 2,148,631 | 1950.0\% | 0.1701 | 47 |
| 2070 | 86,179 | 1,774,447 | 2059.0\% | 0.1638 | 37 |
| 2071 | 67,074 | 1,446,231 | 2156.2\% | 0.1578 | 29 |
| 2072 | 51,892 | 1,169,434 | 2253.6\% | 0.1521 | 22 |
| 2073 | 39,863 | 942,343 | 2364.0\% | 0.1465 | 17 |
| 2074 | 30,399 | 758,627 | 2495.6\% | 0.1411 | 13 |
| 2075 | 23,028 | 602,159 | 2614.9\% | 0.1360 | 10 |
| 2076 | 17,330 | 473,886 | 2734.4\% | 0.1310 | 7 |
| 2077 | 12,929 | 373,279 | 2887.2\% | 0.1262 | 5 |
| 2078 | 9,567 | 284,384 | 2972.6\% | 0.1216 | 4 |
| 2079 | 7,017 | 207,684 | 2959.7\% | 0.1171 | 3 |
| 2080 | 5,106 | 150,434 | 2946.3\% | 0.1128 | 2 |
| 2081 | 3,684 | 109,666 | 2977.2\% | 0.1087 | 2 |


| Accumulated and Present Values as of $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $223,839,051$ | $6,435,583$ | $2.9 \%$ |
| Future: | $279,256,777$ | $379,915,981$ | $136.0 \%$ |
| Lifetime: | $503,095,828$ | $386,351,564$ | $76.8 \%$ |
|  |  |  |  |
| Lifetime with MAE | $502,191,170$ | $519,988,326$ | $103.5 \%$ |


| Exhibit 4a: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested 130.7\% Rate Increase* with MAS Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $3.80 \%$ |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 155,234 | 0 | 0.0\% | 1.4794 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.4252 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.3730 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3228 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.2743 | 3,059 |
| 2016 | 11,693,994 | 2,116,954 | 18.1\% | 1.2277 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.1827 | 2,984 |
| 2018 | 11,419,009 | 756,716 | 6.6\% | 1.1394 | 2,950 |
| 2019 | 11,291,500 | 789,813 | 7.0\% | 1.0977 | 2,919 |
| 2020 | 11,202,067 | 2,282,987 | 20.4\% | 1.0575 | 2,898 |
| 2021 | 11,090,374 | 1,575,186 | 14.2\% | 1.0188 | 2,871 |
| 2022 | 9,396,297 | 2,569,205 | 27.3\% | 0.9815 | 2,839 |
| 2023 | 14,917,099 | 3,337,319 | 22.4\% | 0.9456 | 2,812 |
| 2024 | 25,102,102 | 4,330,871 | 17.3\% | 0.9110 | 2,784 |
| 2025 | 24,775,926 | 5,074,378 | 20.5\% | 0.8776 | 2,753 |
| 2026 | 24,417,367 | 5,889,476 | 24.1\% | 0.8455 | 2,719 |
| 2027 | 24,013,170 | 6,733,020 | 28.0\% | 0.8145 | 2,682 |
| 2028 | 23,549,733 | 7,693,886 | 32.7\% | 0.7847 | 2,641 |
| 2029 | 23,060,399 | 8,805,370 | 38.2\% | 0.7560 | 2,595 |
| 2030 | 22,528,946 | 10,019,416 | 44.5\% | 0.7283 | 2,544 |
| 2031 | 21,952,877 | 11,256,966 | 51.3\% | 0.7017 | 2,488 |
| 2032 | 21,314,296 | 12,424,273 | 58.3\% | 0.6760 | 2,426 |
| 2033 | 20,635,910 | 13,799,156 | 66.9\% | 0.6512 | 2,359 |
| 2034 | 19,913,805 | 15,440,021 | 77.5\% | 0.6274 | 2,287 |
| 2035 | 19,150,601 | 16,978,927 | 88.7\% | 0.6044 | 2,211 |
| 2036 | 18,350,872 | 18,507,105 | 100.9\% | 0.5823 | 2,131 |
| 2037 | 17,515,641 | 20,042,967 | 114.4\% | 0.5610 | 2,046 |
| 2038 | 16,644,009 | 21,836,099 | 131.2\% | 0.5404 | 1,956 |
| 2039 | 15,738,259 | 23,848,650 | 151.5\% | 0.5207 | 1,862 |
| 2040 | 14,812,347 | 25,479,674 | 172.0\% | 0.5016 | 1,764 |
| 2041 | 13,868,279 | 26,864,259 | 193.7\% | 0.4832 | 1,664 |
| 2042 | 12,912,215 | 27,929,462 | 216.3\% | 0.4655 | 1,561 |
| 2043 | 11,949,605 | 28,730,305 | 240.4\% | 0.4485 | 1,456 |
| 2044 | 10,993,507 | 29,412,287 | 267.5\% | 0.4321 | 1,351 |
| 2045 | 10,058,115 | 29,542,857 | 293.7\% | 0.4163 | 1,247 |
| 2046 | 9,151,548 | 29,536,907 | 322.8\% | 0.4010 | 1,146 |
| 2047 | 8,282,142 | 29,377,492 | 354.7\% | 0.3863 | 1,047 |
| 2048 | 7,452,040 | 28,612,342 | 384.0\% | 0.3722 | 951 |
| 2049 | 6,663,295 | 27,431,647 | 411.7\% | 0.3586 | 860 |
| 2050 | 5,919,304 | 25,941,844 | 438.3\% | 0.3454 | 773 |
| 2051 | 5,232,283 | 24,535,971 | 468.9\% | 0.3328 | 691 |
| 2052 | 4,599,568 | 23,340,127 | 507.4\% | 0.3206 | 615 |
| 2053 | 4,020,313 | 21,981,211 | 546.8\% | 0.3089 | 544 |
| 2054 | 3,494,037 | 20,457,110 | 585.5\% | 0.2976 | 479 |
| 2055 | 3,019,565 | 18,866,922 | 624.8\% | 0.2867 | 420 |
| 2056 | 2,596,151 | 17,263,275 | 665.0\% | 0.2762 | 367 |
| 2057 | 2,221,563 | 15,412,449 | 693.8\% | 0.2661 | 319 |
| 2058 | 1,891,691 | 13,597,817 | 718.8\% | 0.2563 | 276 |
| 2059 | 1,603,136 | 12,269,704 | 765.4\% | 0.2469 | 238 |
| 2060 | 1,352,193 | 11,157,034 | 825.1\% | 0.2379 | 204 |
| 2061 | 1,135,312 | 10,223,534 | 900.5\% | 0.2292 | 175 |
| 2062 | 948,871 | 9,323,330 | 982.6\% | 0.2208 | 149 |
| 2063 | 789,691 | 8,433,934 | 1068.0\% | 0.2127 | 127 |
| 2064 | 654,788 | 7,562,439 | 1154.9\% | 0.2049 | 107 |
| 2065 | 540,742 | 6,754,940 | 1249.2\% | 0.1974 | 91 |
| 2066 | 444,612 | 5,988,056 | 1346.8\% | 0.1902 | 76 |
| 2067 | 363,947 | 5,160,802 | 1418.0\% | 0.1832 | 64 |
| 2068 | 296,592 | 4,381,912 | 1477.4\% | 0.1765 | 53 |
| 2069 | 240,566 | 3,801,913 | 1580.4\% | 0.1701 | 44 |
| 2070 | 194,059 | 3,273,553 | 1686.9\% | 0.1638 | 36 |
| 2071 | 155,620 | 2,770,416 | 1780.2\% | 0.1578 | 29 |
| 2072 | 124,019 | 2,307,438 | 1860.6\% | 0.1521 | 24 |
| 2073 | 98,224 | 1,907,647 | 1942.1\% | 0.1465 | 19 |
| 2074 | 77,358 | 1,517,570 | 1961.7\% | 0.1411 | 15 |
| 2075 | 60,569 | 1,190,385 | 1965.3\% | 0.1360 | 12 |
| 2076 | 47,139 | 913,563 | 1938.0\% | 0.1310 | 9 |
| 2077 | 36,458 | 668,982 | 1834.9\% | 0.1262 | 7 |
| 2078 | 28,025 | 490,289 | 1749.5\% | 0.1216 | 5 |
| 2079 | 21,397 | 353,904 | 1654.0\% | 0.1171 | 4 |
| 2080 | 16,215 | 252,441 | 1556.9\% | 0.1128 | 3 |
| 2081 | 12,185 | 181,870 | 1492.6\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 133,529,388 | 9,038,807 | 6.8\% |  |  |
| Future: | 324,126,087 | 332,188,667 | 102.5\% |  |  |
| Lifetime: | 457,655,475 | 341,227,474 | 74.6\% |  |  |


| Exhibit 4b: Flex I Policy Forms - Nationwide Experience (VA Forms Only) <br> Limited High BIO With Requested 86.7\% Rate Increase* with MAS Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 1,611,881 | 0 | 0.0\% | 1.4794 | 4,634 |
| 2012 | 57,730,712 | 20,606 | 0.0\% | 1.4252 | 47,164 |
| 2013 | 129,706,160 | 933,524 | 0.7\% | 1.3730 | 61,521 |
| 2014 | 146,123,991 | 1,584,107 | 1.1\% | 1.3228 | 62,534 |
| 2015 | 144,629,264 | 2,715,353 | 1.9\% | 1.2743 | 61,558 |
| 2016 | 142,319,363 | 5,046,691 | 3.5\% | 1.2277 | 60,720 |
| 2017 | 140,552,877 | 5,350,906 | 3.8\% | 1.1827 | 59,989 |
| 2018 | 138,907,300 | 8,111,539 | 5.8\% | 1.1394 | 59,323 |
| 2019 | 137,447,989 | 10,538,032 | 7.7\% | 1.0977 | 58,753 |
| 2020 | 136,035,180 | 13,219,621 | 9.7\% | 1.0575 | 58,194 |
| 2021 | 134,771,982 | 20,895,963 | 15.5\% | 1.0188 | 57,679 |
| 2022 | 123,194,890 | 29,319,044 | 23.8\% | 0.9815 | 56,826 |
| 2023 | 217,207,154 | 40,672,146 | 18.7\% | 0.9456 | 56,063 |
| 2024 | 328,667,646 | 55,264,695 | 16.8\% | 0.9110 | 55,285 |
| 2025 | 323,132,189 | 67,987,282 | 21.0\% | 0.8776 | 54,448 |
| 2026 | 317,203,483 | 81,881,302 | 25.8\% | 0.8455 | 53,538 |
| 2027 | 310,755,033 | 96,256,999 | 31.0\% | 0.8145 | 52,539 |
| 2028 | 303,707,572 | 111,882,334 | 36.8\% | 0.7847 | 51,436 |
| 2029 | 295,980,867 | 129,338,864 | 43.7\% | 0.7560 | 50,217 |
| 2030 | 287,469,193 | 148,203,770 | 51.6\% | 0.7283 | 48,863 |
| 2031 | 278,158,910 | 167,576,006 | 60.2\% | 0.7017 | 47,371 |
| 2032 | 268,023,254 | 186,374,070 | 69.5\% | 0.6760 | 45,754 |
| 2033 | 257,190,953 | 206,671,109 | 80.4\% | 0.6512 | 44,027 |
| 2034 | 245,764,251 | 229,197,498 | 93.3\% | 0.6274 | 42,198 |
| 2035 | 233,813,893 | 250,033,732 | 106.9\% | 0.6044 | 40,276 |
| 2036 | 221,439,316 | 270,866,744 | 122.3\% | 0.5823 | 38,271 |
| 2037 | 208,682,223 | 291,942,085 | 139.9\% | 0.5610 | 36,183 |
| 2038 | 195,588,332 | 312,450,475 | 159.7\% | 0.5404 | 34,025 |
| 2039 | 182,234,929 | 332,400,432 | 182.4\% | 0.5207 | 31,810 |
| 2040 | 168,724,418 | 346,526,637 | 205.4\% | 0.5016 | 29,557 |
| 2041 | 155,208,288 | 356,401,803 | 229.6\% | 0.4832 | 27,291 |
| 2042 | 141,838,045 | 363,423,349 | 256.2\% | 0.4655 | 25,033 |
| 2043 | 128,717,025 | 366,030,268 | 284.4\% | 0.4485 | 22,799 |
| 2044 | 115,941,481 | 364,290,693 | 314.2\% | 0.4321 | 20,619 |
| 2045 | 103,677,751 | 355,622,281 | 343.0\% | 0.4163 | 18,525 |
| 2046 | 92,075,737 | 343,528,307 | 373.1\% | 0.4010 | 16,536 |
| 2047 | 81,243,033 | 331,083,258 | 407.5\% | 0.3863 | 14,665 |
| 2048 | 71,197,388 | 315,001,535 | 442.4\% | 0.3722 | 12,915 |
| 2049 | 61,943,178 | 295,054,822 | 476.3\% | 0.3586 | 11,293 |
| 2050 | 53,497,157 | 272,033,734 | 508.5\% | 0.3454 | 9,807 |
| 2051 | 45,884,620 | 248,093,749 | 540.7\% | 0.3328 | 8,462 |
| 2052 | 39,102,913 | 226,311,882 | 578.8\% | 0.3206 | 7,254 |
| 2053 | 33,101,878 | 205,214,670 | 619.9\% | 0.3089 | 6,177 |
| 2054 | 27,827,375 | 183,999,903 | 661.2\% | 0.2976 | 5,224 |
| 2055 | 23,232,335 | 163,686,017 | 704.6\% | 0.2867 | 4,391 |
| 2056 | 19,272,858 | 144,168,625 | 748.0\% | 0.2762 | 3,670 |
| 2057 | 15,897,840 | 124,473,949 | 783.0\% | 0.2661 | 3,051 |
| 2058 | 13,039,570 | 106,115,058 | 813.8\% | 0.2563 | 2,523 |
| 2059 | 10,633,855 | 91,062,171 | 856.3\% | 0.2469 | 2,075 |
| 2060 | 8,623,866 | 78,432,711 | 909.5\% | 0.2379 | 1,698 |
| 2061 | 6,957,166 | 67,395,292 | 968.7\% | 0.2292 | 1,383 |
| 2062 | 5,583,839 | 57,725,745 | 1033.8\% | 0.2208 | 1,121 |
| 2063 | 4,459,084 | 49,053,100 | 1100.1\% | 0.2127 | 906 |
| 2064 | 3,545,042 | 41,342,364 | 1166.2\% | 0.2049 | 729 |
| 2065 | 2,806,470 | 34,772,492 | 1239.0\% | 0.1974 | 584 |
| 2066 | 2,212,073 | 29,118,109 | 1316.3\% | 0.1902 | 466 |
| 2067 | 1,735,879 | 24,121,794 | 1389.6\% | 0.1832 | 371 |
| 2068 | 1,356,263 | 19,770,486 | 1457.7\% | 0.1765 | 294 |
| 2069 | 1,055,262 | 16,369,372 | 1551.2\% | 0.1701 | 232 |
| 2070 | 816,850 | 13,441,528 | 1645.5\% | 0.1638 | 182 |
| 2071 | 628,294 | 10,860,209 | 1728.5\% | 0.1578 | 142 |
| 2072 | 479,617 | 8,764,439 | 1827.4\% | 0.1521 | 110 |
| 2073 | 363,190 | 7,001,261 | 1927.7\% | 0.1465 | 84 |
| 2074 | 272,812 | 5,496,201 | 2014.6\% | 0.1411 | 64 |
| 2075 | 203,337 | 4,275,587 | 2102.7\% | 0.1360 | 49 |
| 2076 | 150,257 | 3,294,041 | 2192.3\% | 0.1310 | 37 |
| 2077 | 109,999 | 2,486,923 | 2260.9\% | 0.1262 | 27 |
| 2078 | 79,803 | 1,803,299 | 2259.7\% | 0.1216 | 20 |
| 2079 | 57,386 | 1,298,007 | 2261.9\% | 0.1171 | 15 |
| 2080 | 40,893 | 930,623 | 2275.7\% | 0.1128 | 11 |
| 2081 | 28,865 | 664,122 | 2300.8\% | 0.1087 | 8 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,571,631,207 | 75,471,197 | 4.8\% |  |  |
| Future: | 3,977,404,032 | 4,062,983,799 | 102.2\% |  |  |
| Lifetime: | 5,549,035,239 | 4,138,454,996 | 74.6\% |  |  |


| Calendar Year | Exhibit 4c: Flex I Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Requested 95\% Rate Increase* with MAS Applicable to policies that are subject to couples discount Excludes Paid-Up Policies |  |  |  | CONFIDENTIAL <br> Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | 3.80\% |  |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | Lives - |
| 2012 | 569,076 | 0 | 0.0\% | 1.4252 | 1,387 |
| 2013 | 12,157,491 | 3,188 | 0.0\% | 1.3730 | 8,355 |
| 2014 | 22,133,430 | 80,000 | 0.4\% | 1.3228 | 9,825 |
| 2015 | 23,089,515 | 194,823 | 0.8\% | 1.2743 | 9,693 |
| 2016 | 22,689,416 | 668,171 | 2.9\% | 1.2277 | 9,538 |
| 2017 | 22,341,022 | 53,442 | 0.2\% | 1.1827 | 9,420 |
| 2018 | 22,012,767 | 225,258 | 1.0\% | 1.1394 | 9,290 |
| 2019 | 21,745,889 | 2,170,538 | 10.0\% | 1.0977 | 9,194 |
| 2020 | 21,491,142 | 912,908 | 4.2\% | 1.0575 | 9,093 |
| 2021 | 21,273,885 | 1,559,496 | 7.3\% | 1.0188 | 9,008 |
| 2022 | 20,792,115 | 2,772,768 | 13.3\% | 0.9815 | 8,888 |
| 2023 | 27,007,373 | 3,747,621 | 13.9\% | 0.9456 | 8,775 |
| 2024 | 39,384,293 | 5,185,861 | 13.2\% | 0.9110 | 8,665 |
| 2025 | 38,857,751 | 6,579,227 | 16.9\% | 0.8776 | 8,551 |
| 2026 | 38,295,008 | 8,210,322 | 21.4\% | 0.8455 | 8,427 |
| 2027 | 37,678,008 | 10,046,652 | 26.7\% | 0.8145 | 8,290 |
| 2028 | 36,997,523 | 11,981,385 | 32.4\% | 0.7847 | 8,139 |
| 2029 | 36,244,175 | 14,079,929 | 38.8\% | 0.7560 | 7,972 |
| 2030 | 35,413,538 | 16,451,463 | 46.5\% | 0.7283 | 7,788 |
| 2031 | 34,497,681 | 19,005,036 | 55.1\% | 0.7017 | 7,583 |
| 2032 | 33,487,999 | 21,617,974 | 64.6\% | 0.6760 | 7,359 |
| 2033 | 32,384,458 | 24,186,629 | 74.7\% | 0.6512 | 7,116 |
| 2034 | 31,201,326 | 27,060,069 | 86.7\% | 0.6274 | 6,857 |
| 2035 | 29,947,342 | 30,188,394 | 100.8\% | 0.6044 | 6,582 |
| 2036 | 28,630,510 | 33,380,805 | 116.6\% | 0.5823 | 6,293 |
| 2037 | 27,253,083 | 36,733,305 | 134.8\% | 0.5610 | 5,990 |
| 2038 | 25,819,606 | 39,941,243 | 154.7\% | 0.5404 | 5,674 |
| 2039 | 24,335,544 | 43,085,298 | 177.0\% | 0.5207 | 5,346 |
| 2040 | 22,808,930 | 46,049,828 | 201.9\% | 0.5016 | 5,008 |
| 2041 | 21,251,477 | 48,277,406 | 227.2\% | 0.4832 | 4,664 |
| 2042 | 19,678,217 | 50,049,599 | 254.3\% | 0.4655 | 4,316 |
| 2043 | 18,106,580 | 51,500,435 | 284.4\% | 0.4485 | 3,968 |
| 2044 | 16,546,559 | 52,165,865 | 315.3\% | 0.4321 | 3,622 |
| 2045 | 15,011,953 | 51,981,236 | 346.3\% | 0.4163 | 3,283 |
| 2046 | 13,524,819 | 50,786,355 | 375.5\% | 0.4010 | 2,956 |
| 2047 | 12,103,941 | 49,309,139 | 407.4\% | 0.3863 | 2,644 |
| 2048 | 10,762,591 | 47,880,356 | 444.9\% | 0.3722 | 2,349 |
| 2049 | 9,503,513 | 45,808,204 | 482.0\% | 0.3586 | 2,071 |
| 2050 | 8,330,502 | 43,078,186 | 517.1\% | 0.3454 | 1,813 |
| 2051 | 7,248,736 | 39,696,744 | 547.6\% | 0.3328 | 1,576 |
| 2052 | 6,263,263 | 36,215,514 | 578.2\% | 0.3206 | 1,360 |
| 2053 | 5,376,298 | 33,125,904 | 616.1\% | 0.3089 | 1,166 |
| 2054 | 4,582,684 | 30,066,037 | 656.1\% | 0.2976 | 992 |
| 2055 | 3,877,844 | 27,029,571 | 697.0\% | 0.2867 | 838 |
| 2056 | 3,258,099 | 24,139,039 | 740.9\% | 0.2762 | 703 |
| 2057 | 2,719,735 | 21,272,732 | 782.2\% | 0.2661 | 587 |
| 2058 | 2,257,160 | 18,356,628 | 813.3\% | 0.2563 | 486 |
| 2059 | 1,861,863 | 15,663,884 | 841.3\% | 0.2469 | 401 |
| 2060 | 1,526,426 | 13,465,536 | 882.2\% | 0.2379 | 328 |
| 2061 | 1,244,085 | 11,606,858 | 933.0\% | 0.2292 | 268 |
| 2062 | 1,008,337 | 9,934,143 | 985.2\% | 0.2208 | 217 |
| 2063 | 812,826 | 8,453,021 | 1040.0\% | 0.2127 | 175 |
| 2064 | 651,788 | 7,124,675 | 1093.1\% | 0.2049 | 140 |
| 2065 | 520,310 | 5,962,243 | 1145.9\% | 0.1974 | 112 |
| 2066 | 413,532 | 4,993,055 | 1207.4\% | 0.1902 | 89 |
| 2067 | 327,130 | 4,155,384 | 1270.3\% | 0.1832 | 71 |
| 2068 | 257,673 | 3,411,671 | 1324.0\% | 0.1765 | 56 |
| 2069 | 202,136 | 2,788,999 | 1379.8\% | 0.1701 | 44 |
| 2070 | 157,917 | 2,283,142 | 1445.8\% | 0.1638 | 34 |
| 2071 | 122,737 | 1,844,489 | 1502.8\% | 0.1578 | 26 |
| 2072 | 94,783 | 1,478,643 | 1560.0\% | 0.1521 | 20 |
| 2073 | 72,655 | 1,180,969 | 1625.5\% | 0.1465 | 16 |
| 2074 | 55,277 | 941,697 | 1703.6\% | 0.1411 | 12 |
| 2075 | 41,764 | 740,404 | 1772.8\% | 0.1360 | 9 |
| 2076 | 31,334 | 576,324 | 1839.3\% | 0.1310 | 7 |
| 2077 | 23,298 | 448,938 | 1926.9\% | 0.1262 | 5 |
| 2078 | 17,178 | 337,766 | 1966.3\% | 0.1216 | 4 |
| 2079 | 12,549 | 243,068 | 1936.9\% | 0.1171 | 3 |
| 2080 | 9,092 | 173,607 | 1909.3\% | 0.1128 | 2 |
| 2081 | 6,529 | 124,336 | 1904.5\% | 0.1087 | 1 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 223,839,051 | 6,435,583 | 2.9\% |  |  |
| Future: | 511,006,303 | 541,907,796 | 106.0\% |  |  |
| Lifetime: | 734,845,354 | 548,343,379 | 74.6\% |  |  |



Limited High BIO With Virginia Approved Rate Increase* without MAE
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 1,211,208 | 0 | 0.0\% | 1.4252 | 1,441 |
| 2013 | 5,460,347 | 0 | 0.0\% | 1.3730 | 2,758 |
| 2014 | 6,954,536 | 0 | 0.0\% | 1.3228 | 2,865 |
| 2015 | 6,933,760 | 65,670 | 0.9\% | 1.2743 | 2,830 |
| 2016 | 6,844,512 | 0 | 0.0\% | 1.2277 | 2,802 |
| 2017 | 6,761,226 | 520,553 | 7.7\% | 1.1827 | 2,769 |
| 2018 | 6,682,250 | 3,352 | 0.1\% | 1.1394 | 2,733 |
| 2019 | 6,608,795 | 841,901 | 12.7\% | 1.0977 | 2,716 |
| 2020 | 6,569,381 | 415,064 | 6.3\% | 1.0575 | 2,699 |
| 2021 | 6,509,267 | 909,700 | 14.0\% | 1.0188 | 2,675 |
| 2022 | 6,165,176 | 1,085,402 | 17.6\% | 0.9815 | 2,636 |
| 2023 | 8,292,260 | 1,395,191 | 16.8\% | 0.9456 | 2,600 |
| 2024 | 8,677,524 | 1,702,370 | 19.6\% | 0.9110 | 2,565 |
| 2025 | 8,541,835 | 2,046,270 | 24.0\% | 0.8776 | 2,529 |
| 2026 | 8,397,975 | 2,431,916 | 29.0\% | 0.8455 | 2,490 |
| 2027 | 8,245,411 | 2,846,281 | 34.5\% | 0.8145 | 2,449 |
| 2028 | 8,082,077 | 3,291,492 | 40.7\% | 0.7847 | 2,404 |
| 2029 | 7,904,666 | 3,824,879 | 48.4\% | 0.7560 | 2,354 |
| 2030 | 7,706,252 | 4,403,467 | 57.1\% | 0.7283 | 2,300 |
| 2031 | 7,489,948 | 4,989,998 | 66.6\% | 0.7017 | 2,240 |
| 2032 | 7,256,542 | 5,606,496 | 77.3\% | 0.6760 | 2,174 |
| 2033 | 7,004,221 | 6,292,329 | 89.8\% | 0.6512 | 2,103 |
| 2034 | 6,736,113 | 7,127,108 | 105.8\% | 0.6274 | 2,028 |
| 2035 | 6,453,217 | 7,955,808 | 123.3\% | 0.6044 | 1,948 |
| 2036 | 6,157,134 | 8,701,317 | 141.3\% | 0.5823 | 1,864 |
| 2037 | 5,849,641 | 9,377,396 | 160.3\% | 0.5610 | 1,776 |
| 2038 | 5,532,414 | 9,985,716 | 180.5\% | 0.5404 | 1,685 |
| 2039 | 5,206,931 | 10,624,742 | 204.0\% | 0.5207 | 1,590 |
| 2040 | 4,875,338 | 11,162,041 | 228.9\% | 0.5016 | 1,494 |
| 2041 | 4,540,914 | 11,547,559 | 254.3\% | 0.4832 | 1,396 |
| 2042 | 4,206,753 | 11,878,667 | 282.4\% | 0.4655 | 1,298 |
| 2043 | 3,875,551 | 12,121,413 | 312.8\% | 0.4485 | 1,200 |
| 2044 | 3,549,124 | 12,242,143 | 344.9\% | 0.4321 | 1,103 |
| 2045 | 3,230,380 | 12,212,808 | 378.1\% | 0.4163 | 1,008 |
| 2046 | 2,922,957 | 12,007,858 | 410.8\% | 0.4010 | 916 |
| 2047 | 2,629,896 | 11,817,923 | 449.4\% | 0.3863 | 828 |
| 2048 | 2,352,815 | 11,548,130 | 490.8\% | 0.3722 | 744 |
| 2049 | 2,092,025 | 11,073,225 | 529.3\% | 0.3586 | 664 |
| 2050 | 1,848,576 | 10,496,269 | 567.8\% | 0.3454 | 590 |
| 2051 | 1,623,407 | 9,797,876 | 603.5\% | 0.3328 | 520 |
| 2052 | 1,417,484 | 9,178,761 | 647.5\% | 0.3206 | 457 |
| 2053 | 1,230,700 | 8,598,172 | 698.6\% | 0.3089 | 398 |
| 2054 | 1,062,122 | 7,965,574 | 750.0\% | 0.2976 | 346 |
| 2055 | 911,071 | 7,337,053 | 805.3\% | 0.2867 | 298 |
| 2056 | 776,945 | 6,717,471 | 864.6\% | 0.2762 | 256 |
| 2057 | 659,104 | 6,056,526 | 918.9\% | 0.2661 | 218 |
| 2058 | 556,297 | 5,368,820 | 965.1\% | 0.2563 | 185 |
| 2059 | 466,991 | 4,784,440 | 1024.5\% | 0.2469 | 157 |
| 2060 | 389,917 | 4,296,109 | 1101.8\% | 0.2379 | 132 |
| 2061 | 323,813 | 3,843,272 | 1186.9\% | 0.2292 | 110 |
| 2062 | 267,462 | 3,423,776 | 1280.1\% | 0.2208 | 92 |
| 2063 | 219,677 | 3,017,381 | 1373.6\% | 0.2127 | 76 |
| 2064 | 179,482 | 2,614,704 | 1456.8\% | 0.2049 | 63 |
| 2065 | 145,914 | 2,262,609 | 1550.7\% | 0.1974 | 51 |
| 2066 | 117,980 | 1,946,605 | 1649.9\% | 0.1902 | 42 |
| 2067 | 94,843 | 1,674,423 | 1765.5\% | 0.1832 | 34 |
| 2068 | 75,811 | 1,403,398 | 1851.2\% | 0.1765 | 27 |
| 2069 | 60,262 | 1,176,758 | 1952.7\% | 0.1701 | 22 |
| 2070 | 47,605 | 982,645 | 2064.2\% | 0.1638 | 17 |
| 2071 | 37,325 | 802,696 | 2150.6\% | 0.1578 | 14 |
| 2072 | 29,019 | 655,160 | 2257.7\% | 0.1521 | 11 |
| 2073 | 22,356 | 529,843 | 2370.0\% | 0.1465 | 8 |
| 2074 | 17,060 | 417,501 | 2447.3\% | 0.1411 | 6 |
| 2075 | 12,908 | 323,421 | 2505.6\% | 0.1360 | 5 |
| 2076 | 9,673 | 247,403 | 2557.8\% | 0.1310 | 3 |
| 2077 | 7,181 | 188,813 | 2629.5\% | 0.1262 | 3 |
| 2078 | 5,281 | 139,209 | 2636.0\% | 0.1216 | 2 |
| 2079 | 3,852 | 100,944 | 2620.7\% | 0.1171 | 1 |
| 2080 | 2,789 | 72,710 | 2607.0\% | 0.1128 | 1 |
| 2081 | 2,002 | 52,422 | 2618.1\% | 0.1087 | 1 |

Accumulated and Present Values as of 12/31/2021

| Accumulated and Present | Values as of |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $72,105,899$ | $2,993,127$ | $4.2 \%$ |
| Future: | $115,155,565$ | $139,938,254$ | $121.5 \%$ |
| Lifetime: | $187,261,464$ | $142,931,380$ | $76.3 \%$ |
|  |  |  |  |
| Lifetime with MAI | $186,965,961$ | $191,531,556$ | $102.4 \%$ |

Exhibit 5c: Flex I Policy Forms - Virginia Experience
High BIO With Virginia Approved Rate Increase* without MAE
Applicable to policies that are subject to couples discount Excludes Paid-Up Policies
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 216,010 | 0 | 0.0\% | 1.3730 | 332 |
| 2014 | 1,533,058 | 0 | 0.0\% | 1.3228 | 652 |
| 2015 | 1,642,660 | 0 | 0.0\% | 1.2743 | 639 |
| 2016 | 1,626,174 | 0 | 0.0\% | 1.2277 | 635 |
| 2017 | 1,603,499 | 0 | 0.0\% | 1.1827 | 627 |
| 2018 | 1,585,341 | 124 | 0.0\% | 1.1394 | 623 |
| 2019 | 1,572,446 | 3,233 | 0.2\% | 1.0977 | 616 |
| 2020 | 1,559,724 | 36,424 | 2.3\% | 1.0575 | 615 |
| 2021 | 1,554,559 | 249,176 | 16.0\% | 1.0188 | 611 |
| 2022 | 1,519,407 | 138,601 | 9.1\% | 0.9815 | 603 |
| 2023 | 1,500,127 | 171,466 | 11.4\% | 0.9456 | 596 |
| 2024 | 1,480,971 | 211,661 | 14.3\% | 0.9110 | 588 |
| 2025 | 1,462,737 | 261,009 | 17.8\% | 0.8776 | 581 |
| 2026 | 1,444,045 | 321,996 | 22.3\% | 0.8455 | 574 |
| 2027 | 1,424,102 | 391,297 | 27.5\% | 0.8145 | 566 |
| 2028 | 1,402,552 | 468,095 | 33.4\% | 0.7847 | 557 |
| 2029 | 1,379,133 | 549,798 | 39.9\% | 0.7560 | 548 |
| 2030 | 1,353,440 | 654,818 | 48.4\% | 0.7283 | 538 |
| 2031 | 1,325,086 | 768,403 | 58.0\% | 0.7017 | 526 |
| 2032 | 1,293,581 | 895,046 | 69.2\% | 0.6760 | 513 |
| 2033 | 1,258,492 | 1,028,883 | 81.8\% | 0.6512 | 499 |
| 2034 | 1,220,037 | 1,167,643 | 95.7\% | 0.6274 | 484 |
| 2035 | 1,178,706 | 1,350,354 | 114.6\% | 0.6044 | 467 |
| 2036 | 1,134,564 | 1,528,801 | 134.7\% | 0.5823 | 450 |
| 2037 | 1,087,915 | 1,694,887 | 155.8\% | 0.5610 | 431 |
| 2038 | 1,038,959 | 1,847,205 | 177.8\% | 0.5404 | 412 |
| 2039 | 987,920 | 1,987,564 | 201.2\% | 0.5207 | 391 |
| 2040 | 934,974 | 2,137,815 | 228.6\% | 0.5016 | 370 |
| 2041 | 880,474 | 2,268,654 | 257.7\% | 0.4832 | 349 |
| 2042 | 824,958 | 2,369,602 | 287.2\% | 0.4655 | 327 |
| 2043 | 768,940 | 2,467,333 | 320.9\% | 0.4485 | 305 |
| 2044 | 712,869 | 2,549,054 | 357.6\% | 0.4321 | 282 |
| 2045 | 656,978 | 2,593,522 | 394.8\% | 0.4163 | 260 |
| 2046 | 601,874 | 2,610,589 | 433.7\% | 0.4010 | 238 |
| 2047 | 548,262 | 2,589,341 | 472.3\% | 0.3863 | 217 |
| 2048 | 496,674 | 2,581,078 | 519.7\% | 0.3722 | 197 |
| 2049 | 447,384 | 2,555,434 | 571.2\% | 0.3586 | 177 |
| 2050 | 400,435 | 2,474,016 | 617.8\% | 0.3454 | 158 |
| 2051 | 356,112 | 2,368,407 | 665.1\% | 0.3328 | 141 |
| 2052 | 314,665 | 2,215,184 | 704.0\% | 0.3206 | 124 |
| 2053 | 276,355 | 2,094,472 | 757.9\% | 0.3089 | 109 |
| 2054 | 241,218 | 1,979,500 | 820.6\% | 0.2976 | 95 |
| 2055 | 209,117 | 1,848,436 | 883.9\% | 0.2867 | 82 |
| 2056 | 180,039 | 1,713,183 | 951.6\% | 0.2762 | 71 |
| 2057 | 153,958 | 1,573,972 | 1022.3\% | 0.2661 | 60 |
| 2058 | 130,841 | 1,425,625 | 1089.6\% | 0.2563 | 51 |
| 2059 | 110,501 | 1,255,864 | 1136.5\% | 0.2469 | 43 |
| 2060 | 92,671 | 1,115,269 | 1203.5\% | 0.2379 | 36 |
| 2061 | 77,179 | 995,791 | 1290.2\% | 0.2292 | 30 |
| 2062 | 63,816 | 880,032 | 1379.0\% | 0.2208 | 25 |
| 2063 | 52,382 | 775,287 | 1480.1\% | 0.2127 | 20 |
| 2064 | 42,678 | 677,298 | 1587.0\% | 0.2049 | 17 |
| 2065 | 34,520 | 577,613 | 1673.3\% | 0.1974 | 13 |
| 2066 | 27,738 | 494,323 | 1782.1\% | 0.1902 | 11 |
| 2067 | 22,122 | 415,631 | 1878.8\% | 0.1832 | 9 |
| 2068 | 17,510 | 348,775 | 1991.8\% | 0.1765 | 7 |
| 2069 | 13,762 | 286,185 | 2079.5\% | 0.1701 | 5 |
| 2070 | 10,744 | 235,592 | 2192.9\% | 0.1638 | 4 |
| 2071 | 8,321 | 191,484 | 2301.3\% | 0.1578 | 3 |
| 2072 | 6,382 | 149,635 | 2344.7\% | 0.1521 | 2 |
| 2073 | 4,841 | 115,406 | 2383.9\% | 0.1465 | 2 |
| 2074 | 3,628 | 90,296 | 2488.6\% | 0.1411 | 1 |
| 2075 | 2,686 | 69,774 | 2598.0\% | 0.1360 | 1 |
| 2076 | 1,964 | 53,512 | 2724.5\% | 0.1310 | 1 |
| 2077 | 1,416 | 40,426 | 2855.0\% | 0.1262 | 1 |
| 2078 | 1,006 | 29,342 | 2917.7\% | 0.1216 | 0 |
| 2079 | 704 | 20,406 | 2898.8\% | 0.1171 | 0 |
| 2080 | 484 | 14,044 | 2900.6\% | 0.1128 | 0 |
| 2081 | 329 | 9,584 | 2916.2\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 15,076,482 | 296,075 | 2.0\% |  |  |
| Future: | 21,332,270 | 27,515,328 | 129.0\% |  |  |
| Lifetime: | 36,408,753 | 27,811,404 | 76.4\% |  |  |
| Lifetime with MAI | 36,371,666 | 38,425,240 | 105.6\% |  |  |

*Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase reque

| Calendar Year | Exhibit 6a: Flex I Policy Forms - Virginia Experience Lifetime High BIO With Requested 130.7\% Rate Increase* with MAS Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ <br> Discount Factor | Lives |
| 2012 | 88,563 | 0 | 0.0\% | 1.4252 | 58 |
| 2013 | 264,199 | 0 | 0.0\% | 1.3730 | 57 |
| 2014 | 260,898 | 0 | 0.0\% | 1.3228 | 57 |
| 2015 | 260,991 | 0 | 0.0\% | 1.2743 | 57 |
| 2016 | 261,283 | 0 | 0.0\% | 1.2277 | 57 |
| 2017 | 261,287 | 0 | 0.0\% | 1.1827 | 57 |
| 2018 | 261,287 | 0 | 0.0\% | 1.1394 | 57 |
| 2019 | 259,308 | 767 | 0.3\% | 1.0977 | 56 |
| 2020 | 256,562 | 1,159 | 0.5\% | 1.0575 | 56 |
| 2021 | 256,818 | 3,989 | 1.6\% | 1.0188 | 56 |
| 2022 | 226,801 | 30,429 | 13.4\% | 0.9815 | 56 |
| 2023 | 259,768 | 39,890 | 15.4\% | 0.9456 | 55 |
| 2024 | 439,146 | 52,587 | 12.0\% | 0.9110 | 55 |
| 2025 | 434,701 | 62,107 | 14.3\% | 0.8776 | 54 |
| 2026 | 429,955 | 73,128 | 17.0\% | 0.8455 | 54 |
| 2027 | 422,873 | 85,260 | 20.2\% | 0.8145 | 53 |
| 2028 | 405,655 | 100,544 | 24.8\% | 0.7847 | 53 |
| 2029 | 399,625 | 119,090 | 29.8\% | 0.7560 | 52 |
| 2030 | 392,980 | 138,385 | 35.2\% | 0.7283 | 52 |
| 2031 | 385,648 | 158,346 | 41.1\% | 0.7017 | 51 |
| 2032 | 377,581 | 179,050 | 47.4\% | 0.6760 | 50 |
| 2033 | 368,858 | 202,693 | 55.0\% | 0.6512 | 49 |
| 2034 | 359,540 | 232,329 | 64.6\% | 0.6274 | 48 |
| 2035 | 349,629 | 260,968 | 74.6\% | 0.6044 | 47 |
| 2036 | 339,174 | 290,531 | 85.7\% | 0.5823 | 46 |
| 2037 | 328,135 | 324,051 | 98.8\% | 0.5610 | 45 |
| 2038 | 316,493 | 360,458 | 113.9\% | 0.5404 | 43 |
| 2039 | 304,270 | 404,408 | 132.9\% | 0.5207 | 42 |
| 2040 | 291,459 | 445,030 | 152.7\% | 0.5016 | 40 |
| 2041 | 278,120 | 482,375 | 173.4\% | 0.4832 | 39 |
| 2042 | 264,295 | 521,094 | 197.2\% | 0.4655 | 37 |
| 2043 | 250,007 | 552,333 | 220.9\% | 0.4485 | 35 |
| 2044 | 235,307 | 584,171 | 248.3\% | 0.4321 | 33 |
| 2045 | 220,370 | 614,835 | 279.0\% | 0.4163 | 31 |
| 2046 | 205,412 | 643,795 | 313.4\% | 0.4010 | 29 |
| 2047 | 190,537 | 671,445 | 352.4\% | 0.3863 | 27 |
| 2048 | 175,794 | 682,910 | 388.5\% | 0.3722 | 25 |
| 2049 | 161,269 | 685,005 | 424.8\% | 0.3586 | 23 |
| 2050 | 147,050 | 684,632 | 465.6\% | 0.3454 | 22 |
| 2051 | 133,294 | 683,122 | 512.5\% | 0.3328 | 20 |
| 2052 | 120,110 | 683,444 | 569.0\% | 0.3206 | 18 |
| 2053 | 107,568 | 671,110 | 623.9\% | 0.3089 | 16 |
| 2054 | 95,735 | 655,702 | 684.9\% | 0.2976 | 15 |
| 2055 | 84,667 | 629,114 | 743.0\% | 0.2867 | 13 |
| 2056 | 74,446 | 596,573 | 801.3\% | 0.2762 | 12 |
| 2057 | 65,096 | 552,116 | 848.2\% | 0.2661 | 10 |
| 2058 | 56,571 | 491,015 | 868.0\% | 0.2563 | 9 |
| 2059 | 48,863 | 454,159 | 929.5\% | 0.2469 | 8 |
| 2060 | 41,955 | 415,882 | 991.3\% | 0.2379 | 7 |
| 2061 | 35,808 | 387,811 | 1083.0\% | 0.2292 | 6 |
| 2062 | 30,354 | 356,622 | 1174.9\% | 0.2208 | 5 |
| 2063 | 25,545 | 324,575 | 1270.6\% | 0.2127 | 5 |
| 2064 | 21,354 | 290,497 | 1360.4\% | 0.2049 | 4 |
| 2065 | 17,728 | 251,142 | 1416.7\% | 0.1974 | 3 |
| 2066 | 14,592 | 220,757 | 1512.8\% | 0.1902 | 3 |
| 2067 | 11,895 | 187,619 | 1577.4\% | 0.1832 | 2 |
| 2068 | 9,590 | 152,495 | 1590.1\% | 0.1765 | 2 |
| 2069 | 7,643 | 128,225 | 1677.7\% | 0.1701 | 2 |
| 2070 | 6,009 | 105,472 | 1755.1\% | 0.1638 | 1 |
| 2071 | 4,651 | 85,643 | 1841.5\% | 0.1578 | 1 |
| 2072 | 3,539 | 67,915 | 1919.0\% | 0.1521 | 1 |
| 2073 | 2,650 | 51,143 | 1930.2\% | 0.1465 | 1 |
| 2074 | 1,959 | 39,178 | 2000.3\% | 0.1411 | 0 |
| 2075 | 1,427 | 29,508 | 2067.4\% | 0.1360 | 0 |
| 2076 | 1,024 | 22,207 | 2169.5\% | 0.1310 | 0 |
| 2077 | 723 | 16,039 | 2219.8\% | 0.1262 | 0 |
| 2078 | 502 | 11,373 | 2263.7\% | 0.1216 | 0 |
| 2079 | 344 | 7,970 | 2316.4\% | 0.1171 | 0 |
| 2080 | 230 | 5,535 | 2402.6\% | 0.1128 | 0 |
| 2081 | 152 | 3,800 | 2505.0\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 2,911,816 | 6,131 | 0.2\% |  |  |
| Future: | 6,100,522 | 6,918,941 | 113.4\% |  |  |
| Lifetime: | 9,012,338 | 6,925,072 | 76.8\% |  |  |


| Calendar Year | Exhibit 6b: Flex I Policy Forms - Virginia Experience Limited High BIO With Requested 86.7\% Rate Increase* with MAS Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ |  |
| 2012 | 1,211,208 | 0 | 0.0\% | (1.4252 | Lives 1,441 |
| 2013 | 5,460,347 | 0 | 0.0\% | 1.3730 | 2,758 |
| 2014 | 6,954,536 | 0 | 0.0\% | 1.3228 | 2,865 |
| 2015 | 6,933,760 | 65,670 | 0.9\% | 1.2743 | 2,830 |
| 2016 | 6,844,512 | 0 | 0.0\% | 1.2277 | 2,802 |
| 2017 | 6,761,226 | 520,553 | 7.7\% | 1.1827 | 2,769 |
| 2018 | 6,682,250 | 3,352 | 0.1\% | 1.1394 | 2,733 |
| 2019 | 6,608,795 | 841,901 | 12.7\% | 1.0977 | 2,716 |
| 2020 | 6,569,381 | 415,064 | 6.3\% | 1.0575 | 2,699 |
| 2021 | 6,509,267 | 909,700 | 14.0\% | 1.0188 | 2,675 |
| 2022 | 6,164,236 | 1,183,092 | 19.2\% | 0.9815 | 2,635 |
| 2023 | 10,687,806 | 1,650,807 | 15.4\% | 0.9456 | 2,601 |
| 2024 | 16,189,955 | 2,262,003 | 14.0\% | 0.9110 | 2,567 |
| 2025 | 15,944,223 | 2,790,942 | 17.5\% | 0.8776 | 2,531 |
| 2026 | 15,679,994 | 3,388,591 | 21.6\% | 0.8455 | 2,492 |
| 2027 | 15,395,357 | 4,022,991 | 26.1\% | 0.8145 | 2,450 |
| 2028 | 15,086,454 | 4,685,357 | 31.1\% | 0.7847 | 2,405 |
| 2029 | 14,748,702 | 5,433,752 | 36.8\% | 0.7560 | 2,354 |
| 2030 | 14,370,508 | 6,253,000 | 43.5\% | 0.7283 | 2,298 |
| 2031 | 13,959,451 | 7,115,449 | 51.0\% | 0.7017 | 2,237 |
| 2032 | 13,517,681 | 7,975,728 | 59.0\% | 0.6760 | 2,170 |
| 2033 | 13,042,159 | 8,841,925 | 67.8\% | 0.6512 | 2,099 |
| 2034 | 12,538,939 | 9,864,786 | 78.7\% | 0.6274 | 2,023 |
| 2035 | 12,010,218 | 10,889,053 | 90.7\% | 0.6044 | 1,943 |
| 2036 | 11,459,781 | 11,908,451 | 103.9\% | 0.5823 | 1,859 |
| 2037 | 10,888,627 | 12,995,179 | 119.3\% | 0.5610 | 1,772 |
| 2038 | 10,298,650 | 14,034,190 | 136.3\% | 0.5404 | 1,680 |
| 2039 | 9,692,275 | 15,142,059 | 156.2\% | 0.5207 | 1,586 |
| 2040 | 9,072,910 | 16,103,647 | 177.5\% | 0.5016 | 1,489 |
| 2041 | 8,446,198 | 16,835,414 | 199.3\% | 0.4832 | 1,390 |
| 2042 | 7,817,903 | 17,462,266 | 223.4\% | 0.4655 | 1,291 |
| 2043 | 7,193,842 | 17,919,536 | 249.1\% | 0.4485 | 1,192 |
| 2044 | 6,577,458 | 18,154,620 | 276.0\% | 0.4321 | 1,093 |
| 2045 | 5,975,371 | 18,123,092 | 303.3\% | 0.4163 | 997 |
| 2046 | 5,395,612 | 17,818,586 | 330.2\% | 0.4010 | 904 |
| 2047 | 4,844,437 | 17,530,501 | 361.9\% | 0.3863 | 815 |
| 2048 | 4,324,624 | 17,114,259 | 395.7\% | 0.3722 | 731 |
| 2049 | 3,837,008 | 16,392,038 | 427.2\% | 0.3586 | 651 |
| 2050 | 3,383,133 | 15,509,866 | 458.4\% | 0.3454 | 576 |
| 2051 | 2,964,635 | 14,443,195 | 487.2\% | 0.3328 | 508 |
| 2052 | 2,583,162 | 13,485,825 | 522.1\% | 0.3206 | 444 |
| 2053 | 2,238,208 | 12,573,787 | 561.8\% | 0.3089 | 387 |
| 2054 | 1,927,820 | 11,574,622 | 600.4\% | 0.2976 | 335 |
| 2055 | 1,650,582 | 10,577,882 | 640.9\% | 0.2867 | 288 |
| 2056 | 1,405,183 | 9,602,618 | 683.4\% | 0.2762 | 247 |
| 2057 | 1,190,105 | 8,582,652 | 721.2\% | 0.2661 | 210 |
| 2058 | 1,002,897 | 7,539,054 | 751.7\% | 0.2563 | 178 |
| 2059 | 840,659 | 6,659,348 | 792.2\% | 0.2469 | 150 |
| 2060 | 700,980 | 5,926,209 | 845.4\% | 0.2379 | 126 |
| 2061 | 581,405 | 5,252,213 | 903.4\% | 0.2292 | 105 |
| 2062 | 479,618 | 4,635,779 | 966.6\% | 0.2208 | 88 |
| 2063 | 393,417 | 4,047,024 | 1028.7\% | 0.2127 | 72 |
| 2064 | 321,021 | 3,473,788 | 1082.1\% | 0.2049 | 60 |
| 2065 | 260,628 | 2,976,236 | 1141.9\% | 0.1974 | 49 |
| 2066 | 210,443 | 2,534,911 | 1204.6\% | 0.1902 | 40 |
| 2067 | 168,920 | 2,158,238 | 1277.7\% | 0.1832 | 32 |
| 2068 | 134,800 | 1,789,078 | 1327.2\% | 0.1765 | 26 |
| 2069 | 106,944 | 1,484,169 | 1387.8\% | 0.1701 | 21 |
| 2070 | 84,296 | 1,225,845 | 1454.2\% | 0.1638 | 16 |
| 2071 | 65,933 | 989,995 | 1501.5\% | 0.1578 | 13 |
| 2072 | 51,130 | 798,328 | 1561.4\% | 0.1521 | 10 |
| 2073 | 39,275 | 637,458 | 1623.1\% | 0.1465 | 8 |
| 2074 | 29,880 | 495,721 | 1659.0\% | 0.1411 | 6 |
| 2075 | 22,528 | 378,877 | 1681.8\% | 0.1360 | 4 |
| 2076 | 16,829 | 286,117 | 1700.1\% | 0.1310 | 3 |
| 2077 | 12,449 | 215,405 | 1730.3\% | 0.1262 | 2 |
| 2078 | 9,121 | 156,491 | 1715.7\% | 0.1216 | 2 |
| 2079 | 6,624 | 111,835 | 1688.3\% | 0.1171 | 1 |
| 2080 | 4,775 | 79,314 | 1661.0\% | 0.1128 | 1 |
| 2081 | 3,415 | 56,361 | 1650.6\% | 0.1087 | 1 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 72,105,899 | 2,993,127 | 4.2\% |  |  |
| Future: | 204,606,402 | 199,660,505 | 97.6\% |  |  |
| Lifetime: | 276,712,301 | 202,653,632 | 73.2\% |  |  |


| Calendar Year | Exhibit 6c: Flex I Policy Forms - Virginia Experience High BIO With Requested 95\% Rate Increase* with MAS Applicable to policies that are subject to couples discount Excludes Paid-Up Policies |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ |  |
| 2013 | 216,010 | 0 | 0.0\% | 1.3730 | 332 |
| 2014 | 1,533,058 | 0 | 0.0\% | 1.3228 | 652 |
| 2015 | 1,642,660 | 0 | 0.0\% | 1.2743 | 639 |
| 2016 | 1,626,174 | 0 | 0.0\% | 1.2277 | 635 |
| 2017 | 1,603,499 | 0 | 0.0\% | 1.1827 | 627 |
| 2018 | 1,585,341 | 124 | 0.0\% | 1.1394 | 623 |
| 2019 | 1,572,446 | 3,233 | 0.2\% | 1.0977 | 616 |
| 2020 | 1,559,724 | 36,424 | 2.3\% | 1.0575 | 615 |
| 2021 | 1,554,559 | 249,176 | 16.0\% | 1.0188 | 611 |
| 2022 | 1,519,182 | 151,089 | 9.9\% | 0.9815 | 603 |
| 2023 | 1,975,718 | 201,894 | 10.2\% | 0.9456 | 596 |
| 2024 | 2,888,174 | 276,382 | 9.6\% | 0.9110 | 589 |
| 2025 | 2,854,421 | 352,832 | 12.4\% | 0.8776 | 582 |
| 2026 | 2,818,894 | 444,071 | 15.8\% | 0.8455 | 575 |
| 2027 | 2,780,254 | 549,732 | 19.8\% | 0.8145 | 567 |
| 2028 | 2,737,937 | 671,688 | 24.5\% | 0.7847 | 558 |
| 2029 | 2,691,345 | 795,854 | 29.6\% | 0.7560 | 549 |
| 2030 | 2,639,703 | 943,842 | 35.8\% | 0.7283 | 538 |
| 2031 | 2,582,671 | 1,107,779 | 42.9\% | 0.7017 | 526 |
| 2032 | 2,519,628 | 1,282,245 | 50.9\% | 0.6760 | 513 |
| 2033 | 2,450,024 | 1,457,358 | 59.5\% | 0.6512 | 498 |
| 2034 | 2,374,363 | 1,637,407 | 69.0\% | 0.6274 | 483 |
| 2035 | 2,293,541 | 1,860,189 | 81.1\% | 0.6044 | 467 |
| 2036 | 2,207,810 | 2,098,853 | 95.1\% | 0.5823 | 449 |
| 2037 | 2,117,343 | 2,343,411 | 110.7\% | 0.5610 | 431 |
| 2038 | 2,022,353 | 2,590,186 | 128.1\% | 0.5404 | 411 |
| 2039 | 1,923,163 | 2,827,245 | 147.0\% | 0.5207 | 391 |
| 2040 | 1,820,007 | 3,082,114 | 169.3\% | 0.5016 | 370 |
| 2041 | 1,713,613 | 3,309,551 | 193.1\% | 0.4832 | 348 |
| 2042 | 1,604,813 | 3,491,461 | 217.6\% | 0.4655 | 326 |
| 2043 | 1,494,748 | 3,661,968 | 245.0\% | 0.4485 | 303 |
| 2044 | 1,384,284 | 3,801,482 | 274.6\% | 0.4321 | 281 |
| 2045 | 1,273,957 | 3,876,175 | 304.3\% | 0.4163 | 258 |
| 2046 | 1,165,143 | 3,904,998 | 335.2\% | 0.4010 | 236 |
| 2047 | 1,059,432 | 3,875,594 | 365.8\% | 0.3863 | 214 |
| 2048 | 957,903 | 3,863,685 | 403.3\% | 0.3722 | 194 |
| 2049 | 861,140 | 3,826,067 | 444.3\% | 0.3586 | 174 |
| 2050 | 769,173 | 3,702,214 | 481.3\% | 0.3454 | 155 |
| 2051 | 682,567 | 3,539,219 | 518.5\% | 0.3328 | 138 |
| 2052 | 601,762 | 3,303,781 | 549.0\% | 0.3206 | 121 |
| 2053 | 527,275 | 3,113,345 | 590.5\% | 0.3089 | 106 |
| 2054 | 459,144 | 2,928,988 | 637.9\% | 0.2976 | 92 |
| 2055 | 397,099 | 2,718,355 | 684.6\% | 0.2867 | 80 |
| 2056 | 341,047 | 2,501,899 | 733.6\% | 0.2762 | 68 |
| 2057 | 290,927 | 2,280,931 | 784.0\% | 0.2661 | 58 |
| 2058 | 246,629 | 2,048,710 | 830.7\% | 0.2563 | 49 |
| 2059 | 207,783 | 1,788,839 | 860.9\% | 0.2469 | 41 |
| 2060 | 173,840 | 1,574,730 | 905.8\% | 0.2379 | 35 |
| 2061 | 144,439 | 1,392,649 | 964.2\% | 0.2292 | 29 |
| 2062 | 119,167 | 1,218,527 | 1022.5\% | 0.2208 | 24 |
| 2063 | 97,599 | 1,062,542 | 1088.7\% | 0.2127 | 19 |
| 2064 | 79,347 | 918,262 | 1157.3\% | 0.2049 | 16 |
| 2065 | 64,056 | 774,843 | 1209.6\% | 0.1974 | 13 |
| 2066 | 51,375 | 655,572 | 1276.1\% | 0.1902 | 10 |
| 2067 | 40,898 | 545,214 | 1333.1\% | 0.1832 | 8 |
| 2068 | 32,325 | 452,403 | 1399.6\% | 0.1765 | 6 |
| 2069 | 25,364 | 366,839 | 1446.3\% | 0.1701 | 5 |
| 2070 | 19,766 | 298,173 | 1508.5\% | 0.1638 | 4 |
| 2071 | 15,280 | 239,315 | 1566.2\% | 0.1578 | 3 |
| 2072 | 11,696 | 184,922 | 1581.1\% | 0.1521 | 2 |
| 2073 | 8,851 | 140,885 | 1591.7\% | 0.1465 | 2 |
| 2074 | 6,616 | 108,869 | 1645.6\% | 0.1411 | 1 |
| 2075 | 4,881 | 83,089 | 1702.3\% | 0.1360 | 1 |
| 2076 | 3,558 | 62,922 | 1768.7\% | 0.1310 | 1 |
| 2077 | 2,554 | 46,946 | 1838.1\% | 0.1262 | 0 |
| 2078 | 1,807 | 33,679 | 1864.3\% | 0.1216 | 0 |
| 2079 | 1,258 | 23,122 | 1837.9\% | 0.1171 | 0 |
| 2080 | 861 | 15,696 | 1822.3\% | 0.1128 | 0 |
| 2081 | 582 | 10,563 | 1816.4\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 15,076,482 | 296,075 | 2.0\% |  |  |
| Future: | 39,206,900 | 39,711,623 | 101.3\% |  |  |
| Lifetime: | 54,283,383 | 40,007,699 | 73.7\% |  |  |

Lifetime High BIO With Virginia Requested 132\% Rate Increase* with MAS
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 88,563 | 0 | 0.0\% | 1.4252 | 58 |
| 2013 | 264,199 | 0 | 0.0\% | 1.3730 | 57 |
| 2014 | 260,898 | 0 | 0.0\% | 1.3228 | 57 |
| 2015 | 260,991 | 0 | 0.0\% | 1.2743 | 57 |
| 2016 | 261,283 | 0 | 0.0\% | 1.2277 | 57 |
| 2017 | 261,287 | 0 | 0.0\% | 1.1827 | 57 |
| 2018 | 261,287 | 0 | 0.0\% | 1.1394 | 57 |
| 2019 | 259,308 | 767 | 0.3\% | 1.0977 | 56 |
| 2020 | 256,562 | 1,159 | 0.5\% | 1.0575 | 56 |
| 2021 | 256,818 | 3,989 | 1.6\% | 1.0188 | 56 |
| 2022 | 226,801 | 30,429 | 13.4\% | 0.9815 | 56 |
| 2023 | 260,553 | 39,910 | 15.3\% | 0.9456 | 55 |
| 2024 | 441,621 | 52,654 | 11.9\% | 0.9110 | 55 |
| 2025 | 437,151 | 62,182 | 14.2\% | 0.8776 | 54 |
| 2026 | 432,378 | 73,212 | 16.9\% | 0.8455 | 54 |
| 2027 | 425,256 | 85,354 | 20.1\% | 0.8145 | 53 |
| 2028 | 407,941 | 100,649 | 24.7\% | 0.7847 | 53 |
| 2029 | 401,877 | 119,210 | 29.7\% | 0.7560 | 52 |
| 2030 | 395,195 | 138,517 | 35.1\% | 0.7283 | 52 |
| 2031 | 387,821 | 158,491 | 40.9\% | 0.7017 | 51 |
| 2032 | 379,709 | 179,206 | 47.2\% | 0.6760 | 50 |
| 2033 | 370,936 | 202,861 | 54.7\% | 0.6512 | 49 |
| 2034 | 361,566 | 232,511 | 64.3\% | 0.6274 | 48 |
| 2035 | 351,600 | 261,159 | 74.3\% | 0.6044 | 47 |
| 2036 | 341,085 | 290,731 | 85.2\% | 0.5823 | 46 |
| 2037 | 329,984 | 324,261 | 98.3\% | 0.5610 | 45 |
| 2038 | 318,276 | 360,678 | 113.3\% | 0.5404 | 43 |
| 2039 | 305,985 | 404,641 | 132.2\% | 0.5207 | 42 |
| 2040 | 293,102 | 445,270 | 151.9\% | 0.5016 | 40 |
| 2041 | 279,688 | 482,620 | 172.6\% | 0.4832 | 39 |
| 2042 | 265,785 | 521,344 | 196.2\% | 0.4655 | 37 |
| 2043 | 251,416 | 552,582 | 219.8\% | 0.4485 | 35 |
| 2044 | 236,633 | 584,422 | 247.0\% | 0.4321 | 33 |
| 2045 | 221,612 | 615,084 | 277.6\% | 0.4163 | 31 |
| 2046 | 206,569 | 644,043 | 311.8\% | 0.4010 | 29 |
| 2047 | 191,611 | 671,690 | 350.5\% | 0.3863 | 27 |
| 2048 | 176,785 | 683,146 | 386.4\% | 0.3722 | 25 |
| 2049 | 162,178 | 685,229 | 422.5\% | 0.3586 | 23 |
| 2050 | 147,879 | 684,843 | 463.1\% | 0.3454 | 22 |
| 2051 | 134,045 | 683,320 | 509.8\% | 0.3328 | 20 |
| 2052 | 120,787 | 683,630 | 566.0\% | 0.3206 | 18 |
| 2053 | 108,174 | 671,282 | 620.6\% | 0.3089 | 16 |
| 2054 | 96,274 | 655,859 | 681.2\% | 0.2976 | 15 |
| 2055 | 85,144 | 629,254 | 739.0\% | 0.2867 | 13 |
| 2056 | 74,866 | 596,698 | 797.0\% | 0.2762 | 12 |
| 2057 | 65,462 | 552,226 | 843.6\% | 0.2661 | 10 |
| 2058 | 56,890 | 491,110 | 863.3\% | 0.2563 | 9 |
| 2059 | 49,138 | 454,243 | 924.4\% | 0.2469 | 8 |
| 2060 | 42,191 | 415,954 | 985.9\% | 0.2379 | 7 |
| 2061 | 36,010 | 387,875 | 1077.1\% | 0.2292 | 6 |
| 2062 | 30,525 | 356,679 | 1168.5\% | 0.2208 | 5 |
| 2063 | 25,689 | 324,624 | 1263.7\% | 0.2127 | 5 |
| 2064 | 21,474 | 290,539 | 1353.0\% | 0.2049 | 4 |
| 2065 | 17,827 | 251,176 | 1408.9\% | 0.1974 | 3 |
| 2066 | 14,675 | 220,784 | 1504.5\% | 0.1902 | 3 |
| 2067 | 11,962 | 187,640 | 1568.7\% | 0.1832 | 2 |
| 2068 | 9,644 | 152,511 | 1581.4\% | 0.1765 | 2 |
| 2069 | 7,686 | 128,238 | 1668.4\% | 0.1701 | 2 |
| 2070 | 6,043 | 105,481 | 1745.4\% | 0.1638 | 1 |
| 2071 | 4,677 | 85,650 | 1831.3\% | 0.1578 | 1 |
| 2072 | 3,559 | 67,920 | 1908.4\% | 0.1521 | 1 |
| 2073 | 2,665 | 51,146 | 1919.5\% | 0.1465 | 1 |
| 2074 | 1,970 | 39,181 | 1989.2\% | 0.1411 | 0 |
| 2075 | 1,435 | 29,510 | 2055.9\% | 0.1360 | 0 |
| 2076 | 1,029 | 22,208 | 2157.5\% | 0.1310 | 0 |
| 2077 | 727 | 16,040 | 2207.4\% | 0.1262 | 0 |
| 2078 | 505 | 11,373 | 2251.1\% | 0.1216 | 0 |
| 2079 | 346 | 7,970 | 2303.5\% | 0.1171 | 0 |
| 2080 | 232 | 5,535 | 2389.2\% | 0.1128 | 0 |
| 2081 | 153 | 3,800 | 2491.0\% | 0.1087 | 0 |

Accumulated and Present Values as of 12/31/2021

| Past: | $2,911,816$ | 6,131 | $0.2 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $6,133,003$ | $6,922,101$ | $112.9 \%$ |
| Lifetime: | $9,044,819$ | $6,928,232$ | $76.6 \%$ |

Exhibit 7b: Flex I Policy Forms - Virginia Experience
Limited High BIO With Requested 86\% Rate Increase* with MAS
Applicable to policies that are not subject to couples discount Excludes Paid-Up Policies

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 1,211,208 | 0 | 0.0\% | 1.4252 | 1,441 |
| 2013 | 5,460,347 | 0 | 0.0\% | 1.3730 | 2,758 |
| 2014 | 6,954,536 | 0 | 0.0\% | 1.3228 | 2,865 |
| 2015 | 6,933,760 | 65,670 | 0.9\% | 1.2743 | 2,830 |
| 2016 | 6,844,512 | 0 | 0.0\% | 1.2277 | 2,802 |
| 2017 | 6,761,226 | 520,553 | 7.7\% | 1.1827 | 2,769 |
| 2018 | 6,682,250 | 3,352 | 0.1\% | 1.1394 | 2,733 |
| 2019 | 6,608,795 | 841,901 | 12.7\% | 1.0977 | 2,716 |
| 2020 | 6,569,381 | 415,064 | 6.3\% | 1.0575 | 2,699 |
| 2021 | 6,509,267 | 909,700 | 14.0\% | 1.0188 | 2,675 |
| 2022 | 6,164,236 | 1,183,092 | 19.2\% | 0.9815 | 2,635 |
| 2023 | 10,668,457 | 1,650,221 | 15.5\% | 0.9456 | 2,601 |
| 2024 | 16,129,317 | 2,259,860 | 14.0\% | 0.9110 | 2,567 |
| 2025 | 15,884,494 | 2,788,438 | 17.6\% | 0.8776 | 2,531 |
| 2026 | 15,621,242 | 3,385,686 | 21.7\% | 0.8455 | 2,492 |
| 2027 | 15,337,663 | 4,019,679 | 26.2\% | 0.8145 | 2,450 |
| 2028 | 15,029,913 | 4,681,647 | 31.1\% | 0.7847 | 2,405 |
| 2029 | 14,693,424 | 5,429,611 | 37.0\% | 0.7560 | 2,354 |
| 2030 | 14,316,646 | 6,248,415 | 43.6\% | 0.7283 | 2,298 |
| 2031 | 13,907,128 | 7,110,429 | 51.1\% | 0.7017 | 2,237 |
| 2032 | 13,467,011 | 7,970,320 | 59.2\% | 0.6760 | 2,170 |
| 2033 | 12,993,271 | 8,836,170 | 68.0\% | 0.6512 | 2,099 |
| 2034 | 12,491,936 | 9,858,634 | 78.9\% | 0.6274 | 2,023 |
| 2035 | 11,965,196 | 10,882,564 | 91.0\% | 0.6044 | 1,943 |
| 2036 | 11,416,822 | 11,901,680 | 104.2\% | 0.5823 | 1,859 |
| 2037 | 10,847,808 | 12,988,132 | 119.7\% | 0.5610 | 1,772 |
| 2038 | 10,260,042 | 14,026,939 | 136.7\% | 0.5404 | 1,680 |
| 2039 | 9,655,939 | 15,134,623 | 156.7\% | 0.5207 | 1,586 |
| 2040 | 9,038,896 | 16,096,144 | 178.1\% | 0.5016 | 1,489 |
| 2041 | 8,414,533 | 16,827,979 | 200.0\% | 0.4832 | 1,390 |
| 2042 | 7,788,593 | 17,454,962 | 224.1\% | 0.4655 | 1,291 |
| 2043 | 7,166,872 | 17,912,441 | 249.9\% | 0.4485 | 1,192 |
| 2044 | 6,552,798 | 18,147,823 | 276.9\% | 0.4321 | 1,093 |
| 2045 | 5,952,968 | 18,116,674 | 304.3\% | 0.4163 | 997 |
| 2046 | 5,375,383 | 17,812,608 | 331.4\% | 0.4010 | 904 |
| 2047 | 4,826,274 | 17,524,937 | 363.1\% | 0.3863 | 815 |
| 2048 | 4,308,410 | 17,109,123 | 397.1\% | 0.3722 | 731 |
| 2049 | 3,822,622 | 16,387,391 | 428.7\% | 0.3586 | 651 |
| 2050 | 3,370,448 | 15,505,709 | 460.0\% | 0.3454 | 576 |
| 2051 | 2,953,520 | 14,439,531 | 488.9\% | 0.3328 | 508 |
| 2052 | 2,573,477 | 13,482,587 | 523.9\% | 0.3206 | 444 |
| 2053 | 2,229,816 | 12,570,931 | 563.8\% | 0.3089 | 387 |
| 2054 | 1,920,592 | 11,572,136 | 602.5\% | 0.2976 | 335 |
| 2055 | 1,644,393 | 10,575,731 | 643.1\% | 0.2867 | 288 |
| 2056 | 1,399,914 | 9,600,771 | 685.8\% | 0.2762 | 247 |
| 2057 | 1,185,642 | 8,581,088 | 723.8\% | 0.2661 | 210 |
| 2058 | 999,137 | 7,537,750 | 754.4\% | 0.2563 | 178 |
| 2059 | 837,507 | 6,658,257 | 795.0\% | 0.2469 | 150 |
| 2060 | 698,352 | 5,925,287 | 848.5\% | 0.2379 | 126 |
| 2061 | 579,225 | 5,251,439 | 906.6\% | 0.2292 | 105 |
| 2062 | 477,819 | 4,635,133 | 970.1\% | 0.2208 | 88 |
| 2063 | 391,942 | 4,046,489 | 1032.4\% | 0.2127 | 72 |
| 2064 | 319,818 | 3,473,353 | 1086.0\% | 0.2049 | 60 |
| 2065 | 259,651 | 2,975,882 | 1146.1\% | 0.1974 | 49 |
| 2066 | 209,654 | 2,534,626 | 1209.0\% | 0.1902 | 40 |
| 2067 | 168,286 | 2,158,009 | 1282.3\% | 0.1832 | 32 |
| 2068 | 134,294 | 1,788,898 | 1332.1\% | 0.1765 | 26 |
| 2069 | 106,543 | 1,484,027 | 1392.9\% | 0.1701 | 21 |
| 2070 | 83,980 | 1,225,733 | 1459.6\% | 0.1638 | 16 |
| 2071 | 65,686 | 989,909 | 1507.0\% | 0.1578 | 13 |
| 2072 | 50,939 | 798,262 | 1567.1\% | 0.1521 | 10 |
| 2073 | 39,128 | 637,408 | 1629.0\% | 0.1465 | 8 |
| 2074 | 29,768 | 495,684 | 1665.2\% | 0.1411 | 6 |
| 2075 | 22,444 | 378,849 | 1688.0\% | 0.1360 | 4 |
| 2076 | 16,766 | 286,097 | 1706.4\% | 0.1310 | 3 |
| 2077 | 12,402 | 215,390 | 1736.7\% | 0.1262 | 2 |
| 2078 | 9,087 | 156,481 | 1722.0\% | 0.1216 | 2 |
| 2079 | 6,599 | 111,828 | 1694.6\% | 0.1171 | 1 |
| 2080 | 4,757 | 79,309 | 1667.1\% | 0.1128 | 1 |
| 2081 | 3,402 | 56,358 | 1656.7\% | 0.1087 | 1 |

Accumulated and Present Values as of 12/31/2021

| Accumulated and Present | Values as of $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $72,105,899$ | $2,993,127$ | $4.2 \%$ |
| Future: | $203,881,806$ | $199,570,708$ | $97.9 \%$ |
| Lifetime: | $275,987,705$ | $202,563,834$ | $73.4 \%$ |


| Calendar Year | Exhibit 7c: Flex I Policy Forms - Virginia Experience High BIO With Requested 94.8\% Rate Increase* with MAS Applicable to policies that are subject to couples discount Excludes Paid-Up Policies |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ <br> Discount Factor | Lives |
| 2013 | 216,010 | 0 | 0.0\% | 1.3730 | 332 |
| 2014 | 1,533,058 | 0 | 0.0\% | 1.3228 | 652 |
| 2015 | 1,642,660 | 0 | 0.0\% | 1.2743 | 639 |
| 2016 | 1,626,174 | 0 | 0.0\% | 1.2277 | 635 |
| 2017 | 1,603,499 | 0 | 0.0\% | 1.1827 | 627 |
| 2018 | 1,585,341 | 124 | 0.0\% | 1.1394 | 623 |
| 2019 | 1,572,446 | 3,233 | 0.2\% | 1.0977 | 616 |
| 2020 | 1,559,724 | 36,424 | 2.3\% | 1.0575 | 615 |
| 2021 | 1,554,559 | 249,176 | 16.0\% | 1.0188 | 611 |
| 2022 | 1,519,182 | 151,089 | 9.9\% | 0.9815 | 603 |
| 2023 | 1,974,716 | 201,878 | 10.2\% | 0.9456 | 596 |
| 2024 | 2,885,213 | 276,328 | 9.6\% | 0.9110 | 589 |
| 2025 | 2,851,494 | 352,766 | 12.4\% | 0.8776 | 582 |
| 2026 | 2,816,004 | 443,992 | 15.8\% | 0.8455 | 575 |
| 2027 | 2,777,403 | 549,638 | 19.8\% | 0.8145 | 567 |
| 2028 | 2,735,129 | 671,579 | 24.6\% | 0.7847 | 558 |
| 2029 | 2,688,585 | 795,730 | 29.6\% | 0.7560 | 549 |
| 2030 | 2,636,996 | 943,702 | 35.8\% | 0.7283 | 538 |
| 2031 | 2,580,022 | 1,107,621 | 42.9\% | 0.7017 | 526 |
| 2032 | 2,517,044 | 1,282,070 | 50.9\% | 0.6760 | 513 |
| 2033 | 2,447,511 | 1,457,169 | 59.5\% | 0.6512 | 498 |
| 2034 | 2,371,928 | 1,637,204 | 69.0\% | 0.6274 | 483 |
| 2035 | 2,291,189 | 1,859,969 | 81.2\% | 0.6044 | 467 |
| 2036 | 2,205,546 | 2,098,617 | 95.2\% | 0.5823 | 449 |
| 2037 | 2,115,171 | 2,343,160 | 110.8\% | 0.5610 | 431 |
| 2038 | 2,020,279 | 2,589,922 | 128.2\% | 0.5404 | 411 |
| 2039 | 1,921,191 | 2,826,970 | 147.1\% | 0.5207 | 391 |
| 2040 | 1,818,140 | 3,081,829 | 169.5\% | 0.5016 | 370 |
| 2041 | 1,711,856 | 3,309,261 | 193.3\% | 0.4832 | 348 |
| 2042 | 1,603,167 | 3,491,171 | 217.8\% | 0.4655 | 326 |
| 2043 | 1,493,215 | 3,661,679 | 245.2\% | 0.4485 | 303 |
| 2044 | 1,382,865 | 3,801,197 | 274.9\% | 0.4321 | 281 |
| 2045 | 1,272,651 | 3,875,900 | 304.6\% | 0.4163 | 258 |
| 2046 | 1,163,948 | 3,904,735 | 335.5\% | 0.4010 | 236 |
| 2047 | 1,058,346 | 3,875,346 | 366.2\% | 0.3863 | 214 |
| 2048 | 956,920 | 3,863,450 | 403.7\% | 0.3722 | 194 |
| 2049 | 860,257 | 3,825,846 | 444.7\% | 0.3586 | 174 |
| 2050 | 768,384 | 3,702,010 | 481.8\% | 0.3454 | 155 |
| 2051 | 681,867 | 3,539,034 | 519.0\% | 0.3328 | 138 |
| 2052 | 601,145 | 3,303,616 | 549.6\% | 0.3206 | 121 |
| 2053 | 526,734 | 3,113,196 | 591.0\% | 0.3089 | 106 |
| 2054 | 458,673 | 2,928,855 | 638.5\% | 0.2976 | 92 |
| 2055 | 396,692 | 2,718,237 | 685.2\% | 0.2867 | 80 |
| 2056 | 340,697 | 2,501,795 | 734.3\% | 0.2762 | 68 |
| 2057 | 290,628 | 2,280,841 | 784.8\% | 0.2661 | 58 |
| 2058 | 246,376 | 2,048,633 | 831.5\% | 0.2563 | 49 |
| 2059 | 207,570 | 1,788,774 | 861.8\% | 0.2469 | 41 |
| 2060 | 173,662 | 1,574,675 | 906.7\% | 0.2379 | 35 |
| 2061 | 144,291 | 1,392,603 | 965.1\% | 0.2292 | 29 |
| 2062 | 119,045 | 1,218,488 | 1023.6\% | 0.2208 | 24 |
| 2063 | 97,499 | 1,062,510 | 1089.8\% | 0.2127 | 19 |
| 2064 | 79,266 | 918,235 | 1158.4\% | 0.2049 | 16 |
| 2065 | 63,990 | 774,822 | 1210.8\% | 0.1974 | 13 |
| 2066 | 51,322 | 655,555 | 1277.3\% | 0.1902 | 10 |
| 2067 | 40,856 | 545,201 | 1334.4\% | 0.1832 | 8 |
| 2068 | 32,291 | 452,392 | 1401.0\% | 0.1765 | 6 |
| 2069 | 25,338 | 366,830 | 1447.7\% | 0.1701 | 5 |
| 2070 | 19,745 | 298,167 | 1510.1\% | 0.1638 | 4 |
| 2071 | 15,264 | 239,309 | 1567.8\% | 0.1578 | 3 |
| 2072 | 11,684 | 184,918 | 1582.7\% | 0.1521 | 2 |
| 2073 | 8,842 | 140,882 | 1593.3\% | 0.1465 | 2 |
| 2074 | 6,609 | 108,867 | 1647.3\% | 0.1411 | 1 |
| 2075 | 4,876 | 83,088 | 1704.0\% | 0.1360 | 1 |
| 2076 | 3,554 | 62,921 | 1770.5\% | 0.1310 |  |
| 2077 | 2,551 | 46,945 | 1840.0\% | 0.1262 | 0 |
| 2078 | 1,805 | 33,679 | 1866.1\% | 0.1216 | 0 |
| 2079 | 1,257 | 23,122 | 1839.8\% | 0.1171 | 0 |
| 2080 | 860 | 15,695 | 1824.1\% | 0.1128 | 0 |
| 2081 | 581 | 10,563 | 1818.2\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 15,076,482 | 296,075 | 2.0\% |  |  |
| Future: | 39,169,192 | 39,708,292 | 101.4\% |  |  |
| Lifetime: | 54,245,674 | 40,004,367 | 73.7\% |  |  |

# Exhibit 8a: Flex 1 Policy Forms - Nationwide Experience Lifetime High BIO <br> Applicable to policies that are not subject to couples discount Historical Claim Count 

| Calendar Year | Claim Count |
| :---: | ---: |
| 2011 | 0 |
| 2012 | 1 |
| 2013 | 1 |
| 2014 | 4 |
| 2015 | 2 |
| 2016 | 5 |
| 2017 | 1 |
| 2018 | 8 |
| 2019 | 5 |
| 2020 | 10 |
| 2021 | 5 |
| Total | 42 |

# Exhibit 8b: Flex 1 Policy Forms - Nationwide Experience Limited High BIO <br> Applicable to policies that are not subject to couples discount Historical Claim Count 

| Calendar Year | Claim Count |
| :---: | :---: |
| 2011 | 0 |

2012 3
$2013 \quad 18$
201432
201560
$2016 \quad 63$
2017 71
$2018 \quad 86$
$2019 \quad 106$
$2020 \quad 119$

| 2021 | 182 |
| :--- | :--- |
| Total | 740 |

# Exhibit 8c: Flex 1 Policy Forms - Nationwide Experience Limited High BIO Applicable to policies that are subject to couples discount Historical Claim Count 

| Calendar Year | Claim Count |
| :---: | ---: |
| 2011 | 0 |
| 2012 | 0 |
| 2013 | 1 |
| 2014 | 1 |
| 2015 | 7 |
| 2016 | 8 |
| 2017 | 4 |
| 2018 | 6 |
| 2019 | 15 |
| 2020 | 8 |
| 2021 | 12 |
| Total | 62 |

Exhibit 9a: Flex 1 Actual to Expected by Calendar Year
Nationwide Experience based on Original Pricing and CFT 2021 Assumptions
With Virginia Approved Rate Increase
Data as of December 31, 2021

|  | Actual Past and Best Estimate Future |  |  | Original Pricing Applied to Actual Mix |  |  | A to E Loss Ratio | 3.8\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Earned Premium | Incurred Claims | Loss Ratio |  | Discount Factor |
| 2011 | 185,197 | - | 0.0\% | 141,076 | 1,405 | 1.0\% | 0.0\% | 1.4794 |
| 2012 | 6,677,172 | 143,095 | 2.1\% | 6,267,865 | 56,681 | 0.9\% | 237.0\% | 1.4252 |
| 2013 | 12,537,880 | 227,493 | 1.8\% | 12,225,227 | 129,495 | 1.1\% | 171.3\% | 1.3730 |
| 2014 | 12,330,513 | 31,688 | 0.3\% | 11,805,191 | 173,986 | 1.5\% | 17.4\% | 1.3228 |
| 2015 | 12,179,393 | 89,112 | 0.7\% | 11,545,229 | 223,562 | 1.9\% | 37.8\% | 1.2743 |
| 2016 | 12,046,004 | 2,116,954 | 17.6\% | 11,379,330 | 277,854 | 2.4\% | 719.7\% | 1.2277 |
| 2017 | 11,898,704 | 16,647 | 0.1\% | 11,182,136 | 336,692 | 3.0\% | 4.6\% | 1.1827 |
| 2018 | 11,771,041 | 756,716 | 6.4\% | 11,025,489 | 403,230 | 3.7\% | 175.8\% | 1.1394 |
| 2019 | 11,642,507 | 790,514 | 6.8\% | 10,871,174 | 479,139 | 4.4\% | 154.1\% | 1.0977 |
| 2020 | 11,547,943 | 2,284,046 | 19.8\% | 10,743,697 | 561,872 | 5.2\% | 378.2\% | 1.0575 |
| 2021 | 11,374,149 | 1,578,829 | 13.9\% | 10,510,933 | 654,316 | 6.2\% | 223.0\% | 1.0188 |
| 2022 | 9,406,397 | 2,410,937 | 25.6\% | 8,510,496 | 762,265 | 9.0\% | 286.2\% | 0.9815 |
| 2023 | 10,406,862 | 2,899,527 | 27.9\% | 6,299,333 | 894,769 | 14.2\% | 196.2\% | 0.9456 |
| 2024 | 10,911,290 | 3,349,664 | 30.7\% | 6,180,949 | 1,060,568 | 17.2\% | 178.9\% | 0.9110 |
| 2025 | 10,761,148 | 3,833,698 | 35.6\% | 6,024,698 | 1,242,304 | 20.6\% | 172.8\% | 0.8776 |
| 2026 | 10,599,588 | 4,366,260 | 41.2\% | 5,879,889 | 1,451,883 | 24.7\% | 166.8\% | 0.8455 |
| 2027 | 10,420,452 | 4,923,735 | 47.3\% | 5,729,952 | 1,689,977 | 29.5\% | 160.2\% | 0.8145 |
| 2028 | 10,217,819 | 5,588,541 | 54.7\% | 5,590,581 | 1,995,960 | 35.7\% | 153.2\% | 0.7847 |
| 2029 | 10,005,266 | 6,375,488 | 63.7\% | 5,415,542 | 2,347,170 | 43.3\% | 147.0\% | 0.7560 |
| 2030 | 9,774,430 | 7,204,165 | 73.7\% | 5,251,176 | 2,733,965 | 52.1\% | 141.6\% | 0.7283 |
| 2031 | 9,523,931 | 8,009,176 | 84.1\% | 5,082,110 | 3,155,374 | 62.1\% | 135.4\% | 0.7017 |
| 2032 | 9,246,705 | 8,808,967 | 95.3\% | 4,921,975 | 3,607,872 | 73.3\% | 130.0\% | 0.6760 |
| 2033 | 8,952,554 | 9,916,302 | 110.8\% | 4,730,106 | 4,163,212 | 88.0\% | 125.8\% | 0.6512 |
| 2034 | 8,639,121 | 11,278,928 | 130.6\% | 4,547,474 | 4,831,572 | 106.2\% | 122.9\% | 0.6274 |
| 2035 | 8,307,384 | 12,563,983 | 151.2\% | 4,360,774 | 5,507,984 | 126.3\% | 119.7\% | 0.6044 |
| 2036 | 7,959,105 | 13,726,494 | 172.5\% | 4,181,969 | 6,191,261 | 148.0\% | 116.5\% | 0.5823 |
| 2037 | 7,595,851 | 14,768,661 | 194.4\% | 3,976,796 | 6,794,234 | 170.8\% | 113.8\% | 0.5610 |
| 2038 | 7,217,718 | 15,995,924 | 221.6\% | 3,780,589 | 7,545,844 | 199.6\% | 111.0\% | 0.5404 |
| 2039 | 6,825,766 | 17,378,059 | 254.6\% | 3,582,450 | 8,423,251 | 235.1\% | 108.3\% | 0.5207 |
| 2040 | 6,426,119 | 18,494,650 | 287.8\% | 3,392,588 | 9,262,667 | 273.0\% | 105.4\% | 0.5016 |
| 2041 | 6,019,660 | 19,455,839 | 323.2\% | 3,183,562 | 9,954,118 | 312.7\% | 103.4\% | 0.4832 |
| 2042 | 5,608,927 | 20,219,846 | 360.5\% | 2,984,596 | 10,498,680 | 351.8\% | 102.5\% | 0.4655 |
| 2043 | 5,195,978 | 20,838,174 | 401.0\% | 2,787,239 | 11,075,802 | 397.4\% | 100.9\% | 0.4485 |
| 2044 | 4,786,263 | 21,412,676 | 447.4\% | 2,599,767 | 11,770,862 | 452.8\% | 98.8\% | 0.4321 |
| 2045 | 4,384,915 | 21,613,129 | 492.9\% | 2,401,424 | 12,281,910 | 511.4\% | 96.4\% | 0.4163 |
| 2046 | 3,995,003 | 21,724,904 | 543.8\% | 2,214,994 | 12,666,555 | 571.9\% | 95.1\% | 0.4010 |
| 2047 | 3,620,607 | 21,723,165 | 600.0\% | 2,034,168 | 12,837,921 | 631.1\% | 95.1\% | 0.3863 |
| 2048 | 3,262,497 | 21,281,325 | 652.3\% | 1,864,712 | 13,001,088 | 697.2\% | 93.6\% | 0.3722 |
| 2049 | 2,921,479 | 20,535,602 | 702.9\% | 1,691,391 | 13,145,526 | 777.2\% | 90.4\% | 0.3586 |
| 2050 | 2,599,088 | 19,548,310 | 752.1\% | 1,530,757 | 13,204,582 | 862.6\% | 87.2\% | 0.3454 |
| 2051 | 2,300,746 | 18,614,921 | 809.1\% | 1,378,302 | 13,102,028 | 950.6\% | 85.1\% | 0.3328 |
| 2052 | 2,025,461 | 17,832,026 | 880.4\% | 1,238,112 | 12,812,204 | 1034.8\% | 85.1\% | 0.3206 |
| 2053 | 1,772,903 | 16,931,000 | 955.0\% | 1,100,141 | 12,247,770 | 1113.3\% | 85.8\% | 0.3089 |
| 2054 | 1,542,949 | 15,911,892 | 1031.3\% | 975,173 | 11,671,424 | 1196.9\% | 86.2\% | 0.2976 |
| 2055 | 1,335,198 | 14,839,978 | 1111.4\% | 859,859 | 11,060,484 | 1286.3\% | 86.4\% | 0.2867 |
| 2056 | 1,149,458 | 13,731,742 | 1194.6\% | 756,354 | 10,431,827 | 1379.2\% | 86.6\% | 0.2762 |
| 2057 | 984,860 | 12,397,570 | 1258.8\% | 658,086 | 9,671,079 | 1469.6\% | 85.7\% | 0.2661 |
| 2058 | 839,653 | 11,075,053 | 1319.0\% | 571,259 | 8,913,075 | 1560.3\% | 84.5\% | 0.2563 |
| 2059 | 712,418 | 10,112,585 | 1419.5\% | 493,376 | 8,214,511 | 1665.0\% | 85.3\% | 0.2469 |
| 2060 | 601,594 | 9,307,425 | 1547.1\% | 425,223 | 7,597,610 | 1786.7\% | 86.6\% | 0.2379 |
| 2061 | 505,674 | 8,623,658 | 1705.4\% | 362,654 | 6,983,257 | 1925.6\% | 88.6\% | 0.2292 |
| 2062 | 423,102 | 7,948,469 | 1878.6\% | 308,765 | 6,396,932 | 2071.8\% | 90.7\% | 0.2208 |
| 2063 | 352,510 | 7,274,051 | 2063.5\% | 261,758 | 5,738,209 | 2192.2\% | 94.1\% | 0.2127 |
| 2064 | 292,617 | 6,601,124 | 2255.9\% | 221,669 | 5,056,601 | 2281.2\% | 98.9\% | 0.2049 |
| 2065 | 241,928 | 5,969,844 | 2467.6\% | 185,980 | 4,418,818 | 2376.0\% | 103.9\% | 0.1974 |
| 2066 | 199,157 | 5,355,807 | 2689.2\% | 156,001 | 3,857,124 | 2472.5\% | 108.8\% | 0.1902 |
| 2067 | 163,235 | 4,669,769 | 2860.8\% | 130,511 | 3,335,852 | 2556.0\% | 111.9\% | 0.1832 |
| 2068 | 133,215 | 4,020,761 | 3018.2\% | 109,268 | 2,915,265 | 2668.0\% | 113.1\% | 0.1765 |
| 2069 | 108,223 | 3,538,361 | 3269.5\% | 90,807 | 2,597,921 | 2860.9\% | 114.3\% | 0.1701 |
| 2070 | 87,452 | 3,090,101 | 3533.5\% | 75,593 | 2,338,028 | 3092.9\% | 114.2\% | 0.1638 |
| 2071 | 70,259 | 2,653,289 | 3776.4\% | 62,877 | 2,118,629 | 3369.5\% | 112.1\% | 0.1578 |
| 2072 | 56,101 | 2,240,676 | 3994.0\% | 52,424 | 1,933,694 | 3688.5\% | 108.3\% | 0.1521 |
| 2073 | 44,524 | 1,881,717 | 4226.3\% | 43,444 | 1,761,771 | 4055.3\% | 104.2\% | 0.1465 |
| 2074 | 35,142 | 1,524,144 | 4337.1\% | 36,099 | 1,602,022 | 4437.9\% | 97.7\% | 0.1411 |
| 2075 | 27,578 | 1,217,966 | 4416.5\% | 29,992 | 1,444,191 | 4815.3\% | 91.7\% | 0.1360 |
| 2076 | 21,513 | 951,514 | 4423.0\% | 24,988 | 1,290,854 | 5165.9\% | 85.6\% | 0.1310 |
| 2077 | 16,679 | 710,406 | 4259.4\% | 20,389 | 1,126,186 | 5523.5\% | 77.1\% | 0.1262 |
| 2078 | 12,853 | 530,707 | 4129.2\% | 16,492 | 967,400 | 5865.9\% | 70.4\% | 0.1216 |
| Accumulated and Present Values as of 12/31/2021: |  |  |  |  |  |  |  |  |
| Past | 137,690,868 | 9,044,409 | 6.6\% | 130,017,784 | 3,761,279 | 2.9\% | 227.1\% |  |
| Future | 149,765,960 | 249,147,916 | 166.4\% | 85,631,473 | 135,888,312 | 158.7\% | 104.8\% |  |
| Lifetime | 287,456,828 | 258,192,325 | 89.8\% | 215,649,258 | 139,649,591 | 64.8\% | 138.7\% |  |

Exhibit 9b: Flex 1 Actual to Expected by Calendar Year
Nationwide Experience based on Original Pricing and CFT 2021 Assumptions
With Virginia Approved Rate Increases
Data as of December 31, 2021

|  | Actual Past and Best Estimate Future |  |  | Original Pricing Applied to Actual Mix |  |  | A to E Loss Ratio | 3.8\%Discount Factor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Earned Premium | Incurred Claims | Loss Ratio |  |  |
| 2011 | 1,794,518 | - | 0.0\% | 1,305,391 | 12,254 | 0.9\% | 0.0\% | 1.4794 |
| 2012 | 60,573,626 | 20,606 | 0.0\% | 55,013,215 | 482,915 | 0.9\% | 3.9\% | 1.4252 |
| 2013 | 145,312,299 | 936,712 | 0.6\% | 135,736,079 | 1,517,171 | 1.1\% | 57.7\% | 1.3730 |
| 2014 | 172,007,362 | 1,664,107 | 1.0\% | 159,099,482 | 2,507,983 | 1.6\% | 61.4\% | 1.3228 |
| 2015 | 171,478,998 | 2,910,176 | 1.7\% | 156,200,026 | 3,461,355 | 2.2\% | 76.6\% | 1.2743 |
| 2016 | 168,767,927 | 5,714,862 | 3.4\% | 152,764,423 | 4,521,258 | 3.0\% | 114.4\% | 1.2277 |
| 2017 | 166,592,546 | 5,576,152 | 3.3\% | 149,351,140 | 5,684,365 | 3.8\% | 87.9\% | 1.1827 |
| 2018 | 164,564,788 | 8,336,797 | 5.1\% | 146,696,174 | 6,999,489 | 4.8\% | 106.2\% | 1.1394 |
| 2019 | 162,781,503 | 12,713,788 | 7.8\% | 144,137,959 | 8,492,346 | 5.9\% | 132.6\% | 1.0977 |
| 2020 | 161,065,040 | 14,400,101 | 8.9\% | 141,952,924 | 10,211,573 | 7.2\% | 124.3\% | 1.0575 |
| 2021 | 158,523,555 | 22,490,082 | 14.2\% | 138,700,641 | 12,108,321 | 8.7\% | 162.5\% | 1.0188 |
| 2022 | 144,253,132 | 29,592,974 | 20.5\% | 128,457,632 | 14,386,427 | 11.2\% | 183.2\% | 0.9815 |
| 2023 | 189,466,571 | 37,871,049 | 20.0\% | 118,304,673 | 17,206,498 | 14.5\% | 137.4\% | 0.9456 |
| 2024 | 196,877,162 | 46,208,893 | 23.5\% | 115,746,391 | 20,649,482 | 17.8\% | 131.6\% | 0.9110 |
| 2025 | 193,565,238 | 55,478,386 | 28.7\% | 112,452,356 | 24,472,658 | 21.8\% | 131.7\% | 0.8776 |
| 2026 | 190,062,860 | 65,710,349 | 34.6\% | 109,353,094 | 28,808,028 | 26.3\% | 131.2\% | 0.8455 |
| 2027 | 186,292,522 | 76,630,590 | 41.1\% | 106,130,362 | 33,683,669 | 31.7\% | 129.6\% | 0.8145 |
| 2028 | 182,204,207 | 88,938,732 | 48.8\% | 103,075,283 | 39,758,895 | 38.6\% | 126.5\% | 0.7847 |
| 2029 | 177,737,542 | 103,172,471 | 58.0\% | 99,342,327 | 46,871,621 | 47.2\% | 123.0\% | 0.7560 |
| 2030 | 172,809,988 | 118,363,519 | 68.5\% | 95,789,947 | 54,888,567 | 57.3\% | 119.5\% | 0.7283 |
| 2031 | 167,397,519 | 133,431,879 | 79.7\% | 92,134,821 | 63,360,541 | 68.8\% | 115.9\% | 0.7017 |
| 2032 | 161,479,672 | 149,004,914 | 92.3\% | 88,626,352 | 72,219,742 | 81.5\% | 113.2\% | 0.6760 |
| 2033 | 155,126,959 | 167,670,599 | 108.1\% | 84,532,987 | 82,024,350 | 97.0\% | 111.4\% | 0.6512 |
| 2034 | 148,395,040 | 188,837,041 | 127.3\% | 80,600,812 | 93,898,157 | 116.5\% | 109.2\% | 0.6274 |
| 2035 | 141,321,795 | 208,816,703 | 147.8\% | 76,600,512 | 106,457,027 | 139.0\% | 106.3\% | 0.6044 |
| 2036 | 133,956,102 | 226,532,658 | 169.1\% | 72,744,615 | 118,888,899 | 163.4\% | 103.5\% | 0.5823 |
| 2037 | 126,353,027 | 241,670,094 | 191.3\% | 68,436,536 | 129,355,135 | 189.0\% | 101.2\% | 0.5610 |
| 2038 | 118,555,900 | 255,553,860 | 215.6\% | 64,301,516 | 140,143,472 | 217.9\% | 98.9\% | 0.5404 |
| 2039 | 110,613,903 | 268,730,289 | 242.9\% | 60,160,610 | 152,036,024 | 252.7\% | 96.1\% | 0.5207 |
| 2040 | 102,592,114 | 277,692,870 | 270.7\% | 56,194,524 | 164,018,659 | 291.9\% | 92.7\% | 0.5016 |
| 2041 | 94,580,425 | 283,393,100 | 299.6\% | 51,956,476 | 173,386,496 | 333.7\% | 89.8\% | 0.4832 |
| 2042 | 86,667,182 | 287,222,496 | 331.4\% | 47,942,338 | 180,415,116 | 376.3\% | 88.1\% | 0.4655 |
| 2043 | 78,907,477 | 288,402,059 | 365.5\% | 44,019,504 | 185,471,337 | 421.3\% | 86.7\% | 0.4485 |
| 2044 | 71,352,045 | 286,804,538 | 402.0\% | 40,324,744 | 190,449,738 | 472.3\% | 85.1\% | 0.4321 |
| 2045 | 64,077,311 | 280,442,137 | 437.7\% | 36,540,830 | 193,079,414 | 528.4\% | 82.8\% | 0.4163 |
| 2046 | 57,162,705 | 271,226,458 | 474.5\% | 33,027,951 | 194,067,613 | 587.6\% | 80.8\% | 0.4010 |
| 2047 | 50,669,963 | 261,628,212 | 516.3\% | 29,690,841 | 192,310,772 | 647.7\% | 79.7\% | 0.3863 |
| 2048 | 44,617,165 | 249,645,760 | 559.5\% | 26,612,866 | 188,213,133 | 707.2\% | 79.1\% | 0.3722 |
| 2049 | 39,008,574 | 234,657,847 | 601.6\% | 23,573,567 | 181,502,166 | 769.9\% | 78.1\% | 0.3586 |
| 2050 | 33,858,126 | 217,188,150 | 641.5\% | 20,809,423 | 174,391,768 | 838.0\% | 76.5\% | 0.3454 |
| 2051 | 29,185,045 | 198,720,057 | 680.9\% | 18,252,617 | 166,237,817 | 910.8\% | 74.8\% | 0.3328 |
| 2052 | 24,993,556 | 181,739,573 | 727.1\% | 15,952,521 | 157,143,410 | 985.1\% | 73.8\% | 0.3206 |
| 2053 | 21,261,642 | 165,599,423 | 778.9\% | 13,773,125 | 145,172,829 | 1054.0\% | 73.9\% | 0.3089 |
| 2054 | 17,960,449 | 149,509,294 | 832.4\% | 11,847,355 | 132,483,030 | 1118.2\% | 74.4\% | 0.2976 |
| 2055 | 15,065,120 | 134,097,435 | 890.1\% | 10,123,847 | 119,992,829 | 1185.2\% | 75.1\% | 0.2867 |
| 2056 | 12,553,531 | 119,220,874 | 949.7\% | 8,618,906 | 108,392,026 | 1257.6\% | 75.5\% | 0.2762 |
| 2057 | 10,398,886 | 104,055,766 | 1000.6\% | 7,247,976 | 96,644,753 | 1333.4\% | 75.0\% | 0.2661 |
| 2058 | 8,563,957 | 89,629,379 | 1046.6\% | 6,073,187 | 85,359,004 | 1405.5\% | 74.5\% | 0.2563 |
| 2059 | 7,010,678 | 77,511,748 | 1105.6\% | 5,056,350 | 74,471,189 | 1472.8\% | 75.1\% | 0.2469 |
| 2060 | 5,705,687 | 67,316,641 | 1179.8\% | 4,195,530 | 64,823,683 | 1545.1\% | 76.4\% | 0.2379 |
| 2061 | 4,617,953 | 58,377,716 | 1264.1\% | 3,440,099 | 55,930,762 | 1625.8\% | 77.8\% | 0.2292 |
| 2062 | 3,717,532 | 50,436,884 | 1356.7\% | 2,812,155 | 48,158,557 | 1712.5\% | 79.2\% | 0.2208 |
| 2063 | 2,976,878 | 43,254,017 | 1453.0\% | 2,285,801 | 40,982,046 | 1792.9\% | 81.0\% | 0.2127 |
| 2064 | 2,372,459 | 36,797,532 | 1551.0\% | 1,853,318 | 34,353,192 | 1853.6\% | 83.7\% | 0.2049 |
| 2065 | 1,882,417 | 31,223,150 | 1658.7\% | 1,486,409 | 28,333,270 | 1906.2\% | 87.0\% | 0.1974 |
| 2066 | 1,486,881 | 26,403,885 | 1775.8\% | 1,190,129 | 23,286,503 | 1956.6\% | 90.8\% | 0.1902 |
| 2067 | 1,169,126 | 22,098,842 | 1890.2\% | 949,000 | 18,967,646 | 1998.7\% | 94.6\% | 0.1832 |
| 2068 | 915,278 | 18,306,896 | 2000.1\% | 756,266 | 15,480,254 | 2046.9\% | 97.7\% | 0.1765 |
| 2069 | 713,672 | 15,290,222 | 2142.5\% | 597,409 | 12,723,109 | 2129.7\% | 100.6\% | 0.1701 |
| 2070 | 553,856 | 12,687,460 | 2290.7\% | 472,174 | 10,524,647 | 2229.0\% | 102.8\% | 0.1638 |
| 2071 | 427,267 | 10,369,422 | 2426.9\% | 372,478 | 8,682,848 | 2331.1\% | 104.1\% | 0.1578 |
| 2072 | 327,289 | 8,458,264 | 2584.3\% | 294,244 | 7,181,391 | 2440.6\% | 105.9\% | 0.1521 |
| 2073 | 248,788 | 6,838,501 | 2748.7\% | 230,771 | 5,979,042 | 2590.9\% | 106.1\% | 0.1465 |
| 2074 | 187,670 | 5,447,297 | 2902.6\% | 181,275 | 5,080,528 | 2802.7\% | 103.6\% | 0.1411 |
| 2075 | 140,545 | 4,300,360 | 3059.8\% | 142,177 | 4,316,499 | 3036.0\% | 100.8\% | 0.1360 |
| 2076 | 104,400 | 3,364,426 | 3222.6\% | 111,520 | 3,637,749 | 3262.0\% | 98.8\% | 0.1310 |
| 2077 | 76,862 | 2,587,257 | 3366.1\% | 85,594 | 2,994,216 | 3498.1\% | 96.2\% | 0.1262 |
| 2078 | 56,102 | 1,915,425 | 3414.2\% | 65,662 | 2,408,194 | 3667.6\% | 93.1\% | 0.1216 |
| Accumulated and Present Values as of 12/31/2021: |  |  |  |  |  |  |  |  |
| Past | 1,836,815,066 | 82,433,950 | 4.5\% | 1,657,201,227 | 63,224,728 | 3.8\% | 117.6\% |  |
| Future | 2,527,455,958 | 3,291,125,140 | 130.2\% | 1,481,770,642 | 2,039,933,057 | 137.7\% | 94.6\% |  |
| Lifetime | 4,364,271,024 | 3,373,559,090 | 77.3\% | 3,138,971,869 | 2,103,157,785 | 67.0\% | 115.4\% |  |

CONFIDENTIAL

| Exhibit 10: FLEX I Policy Forms - Nationwide Experience Actual to Expected Lapses by Duration Best Estimate Assumptions Actual to Expected (2021 CFT) Lapse |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| 1 | 625,174 | 24,900 | 4.0\% | 24,647 | 3.9\% | 101.0\% |
| 2 | 602,034 | 14,013 | 2.3\% | 14,495 | 2.4\% | 96.7\% |
| 3 | 583,830 | 10,392 | 1.8\% | 10,304 | 1.8\% | 100.9\% |
| 4 | 563,468 | 8,163 | 1.4\% | 7,887 | 1.4\% | 103.5\% |
| 5 | 540,936 | 6,501 | 1.2\% | 6,281 | 1.2\% | 103.5\% |
| 6 | 505,369 | 4,813 | 1.0\% | 5,053 | 1.0\% | 95.3\% |
| 7 | 450,254 | 3,648 | 0.8\% | 3,943 | 0.9\% | 92.5\% |
| 8 | 375,099 | 2,733 | 0.7\% | 2,927 | 0.8\% | 93.4\% |
| 9 | 302,983 | 1,966 | 0.6\% | 2,142 | 0.7\% | 91.8\% |
| 10 | 242,871 | 1,410 | 0.6\% | 1,567 | 0.6\% | 90.0\% |
| 11 | 192,599 | 1,049 | 0.5\% | 1,153 | 0.6\% | 91.0\% |
| 12 | 154,604 | 765 | 0.5\% | 875 | 0.6\% | 87.4\% |
| 13 | 110,424 | 507 | 0.5\% | 628 | 0.6\% | 80.8\% |
| 14 | 73,441 | 337 | 0.5\% | 423 | 0.6\% | 79.6\% |
| 15 | 39,335 | 161 | 0.4\% | 231 | 0.6\% | 69.7\% |
| 16 | 14,699 | 72 | 0.5\% | 91 | 0.6\% | 78.9\% |
| 17 | 2 | 0 | 0.0\% | 0 | 0.6\% | 0.0\% |
| Total | 5,377,122 | 81,430 | 1.5\% | 82,648 | 1.5\% | 98.5\% |

Exhibit 10: FLEX I Policy Forms - Nationwide Experience
Actual to Expected Mortality by Duration Best Estimate Assumptions Actual to Expected ( 2021 CFT) Mortality

| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 625,123 | 526 | $0.1 \%$ | 543 | $0.1 \%$ | $96.9 \%$ |
| 2 | 602,003 | 862 | $0.1 \%$ | 845 | $0.1 \%$ | $102.1 \%$ |
| 3 | 586,080 | 976 | $0.2 \%$ | 1,022 | $0.2 \%$ | $95.5 \%$ |
| 4 | 572,472 | 1,121 | $0.2 \%$ | 1,163 | $0.2 \%$ | $96.4 \%$ |
| 5 | 556,515 | 1,325 | $0.2 \%$ | 1,284 | $0.2 \%$ | $103.2 \%$ |
| 6 | 529,554 | 1,333 | $0.3 \%$ | 1,374 | $0.3 \%$ | $97.0 \%$ |
| 7 | 490,103 | 1,474 | $0.3 \%$ | 1,491 | $0.3 \%$ | $98.9 \%$ |
| 8 | 428,936 | 1,380 | $0.3 \%$ | 1,458 | $0.3 \%$ | $94.6 \%$ |
| 9 | 357,046 | 1,333 | $0.4 \%$ | 1,357 | $0.4 \%$ | $98.2 \%$ |
| 10 | 296,477 | 1,284 | $0.4 \%$ | 1,269 | $0.4 \%$ | $101.2 \%$ |
| 11 | 253,323 | 1,215 | $0.5 \%$ | 1,202 | $0.5 \%$ | $101.1 \%$ |
| 12 | 210,718 | 1,085 | $0.5 \%$ | 1,112 | $0.5 \%$ | $97.5 \%$ |
| 13 | 155,438 | 960 | $0.6 \%$ | 930 | $0.6 \%$ | $103.3 \%$ |
| 14 | 105,280 | 681 | $0.6 \%$ | 728 | $0.7 \%$ | $93.5 \%$ |
| 15 | 58,808 | 423 | $0.7 \%$ | 479 | $0.8 \%$ | $88.4 \%$ |
| 16 | 22,030 | 183 | $0.8 \%$ | 214 | $1.0 \%$ | $85.7 \%$ |
| 17 | 1,024 | 11 | $1.1 \%$ | 12 | $1.2 \%$ | $88.7 \%$ |
| Total | $5,850,929$ | 16,172 | $0.3 \%$ | 16,482 | $0.3 \%$ | $98.1 \%$ |

CONFIDENTIAL

| Additional Exhibit 10: FLEX I Policy Forms - Nationwide Experience Actual to Expected Incidence by Duration <br> Best Estimate Assumptions <br> Actual to Expected (2021 CFT) Incidence |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| 1 | 625,119 | 226 | 0.0\% | 234 | 0.0\% | 96.6\% |
| 2 | 601,999 | 442 | 0.1\% | 409 | 0.1\% | 107.9\% |
| 3 | 586,077 | 561 | 0.1\% | 578 | 0.1\% | 97.1\% |
| 4 | 572,469 | 775 | 0.1\% | 753 | 0.1\% | 102.9\% |
| 5 | 556,512 | 924 | 0.2\% | 937 | 0.2\% | 98.6\% |
| 6 | 529,551 | 1,060 | 0.2\% | 1,119 | 0.2\% | 94.7\% |
| 7 | 490,100 | 1,240 | 0.3\% | 1,291 | 0.3\% | 96.1\% |
| 8 | 428,934 | 1,508 | 0.4\% | 1,396 | 0.3\% | 108.0\% |
| 9 | 357,043 | 1,445 | 0.4\% | 1,413 | 0.4\% | 102.2\% |
| 10 | 296,475 | 1,324 | 0.4\% | 1,397 | 0.5\% | 94.8\% |
| 11 | 253,320 | 1,459 | 0.6\% | 1,405 | 0.6\% | 103.9\% |
| 12 | 210,715 | 1,391 | 0.7\% | 1,376 | 0.7\% | 101.1\% |
| 13 | 155,437 | 1,246 | 0.8\% | 1,205 | 0.8\% | 103.4\% |
| 14 | 105,279 | 959 | 0.9\% | 973 | 0.9\% | 98.5\% |
| 15 | 58,807 | 622 | 1.1\% | 646 | 1.1\% | 96.3\% |
| 16 | 22,030 | 281 | 1.3\% | 285 | 1.3\% | 98.6\% |
| 17 | 1,024 | 14 | 1.4\% | 17 | 1.6\% | 83.0\% |
| Total | 5,850,891 | 15,477 | 0.3\% | 15,434 | 0.3\% | 100.3\% |


| Exhibit 11: FLEX I Policy Forms - Nationwide Experience Actual to Expected Claim Termination Rate by Duration Best Estimate Assumptions Actual to Expected ( 2021 CFT) CTR Projected Core |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Exposure | Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |
| 1 | 8,877 | 6,020 | 67.8\% | 5,966 | 67.2\% | 100.9\% |
| 2 | 5,026 | 1,277 | 25.4\% | 1,306 | 26.0\% | 97.7\% |
| 3 | 3,084 | 698 | 22.6\% | 698 | 22.6\% | 100.0\% |
| 4 | 1,823 | 401 | 22.0\% | 388 | 21.3\% | 103.3\% |
| 5 | 1,012 | 223 | 22.0\% | 210 | 20.8\% | 106.1\% |
| 6 | 534 | 96 | 18.0\% | 105 | 19.6\% | 91.8\% |
| 7+ | 723 | 121 | 16.7\% | 127 | 17.6\% | 95.2\% |
| Total | 21,078 | 8,836 | 41.9\% | 8,801 | 41.8\% | 100.4\% |

Exhibit 12a: Flex 1 Policy Forms - Nationwide Experience Actual to Expected Lapses by Duration

## Original Pricing Assumptions

| Duration | Exposure Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 90,884 | 2,150 | $2.4 \%$ | 5,991 | $6.6 \%$ | $35.9 \%$ |
| 2 | 88,53 | 1,319 | $1.5 \%$ | 2,918 | $3.3 \%$ | $45.2 \%$ |
| 3 | 86,424 | 1,111 | $1.3 \%$ | 1,950 | $2.3 \%$ | $57.0 \%$ |
| 4 | 84,591 | 961 | $1.1 \%$ | 1,357 | $1.6 \%$ | $70.8 \%$ |
| 5 | 82,883 | 777 | $0.9 \%$ | 1,070 | $1.3 \%$ | $72.6 \%$ |
| 6 | 81,683 | 638 | $0.8 \%$ | 952 | $1.2 \%$ | $67.0 \%$ |
| 7 | 80,277 | 527 | $0.7 \%$ | 855 | $1.1 \%$ | $61.6 \%$ |
| 8 | 78,024 | 371 | $0.5 \%$ | 821 | $1.1 \%$ | $45.2 \%$ |
| 9 | 64,86 | 135 | $0.2 \%$ | 667 | $1.0 \%$ | $20.2 \%$ |
| 10 | 25,965 | 7 | $0.0 \%$ | 266 | $1.0 \%$ | $2.6 \%$ |
| 11 | 602 | 0 | $0.0 \%$ | 6 | $1.0 \%$ | $0.0 \%$ |
| Total | 763,672 | 7,996 | $1.0 \%$ | 16,853 | $2.2 \%$ | $47.4 \%$ |

Exhibit 12b: Flex 1 Policy Forms - Nationwide Experience
Actual to Expected Mortality by Duration
Original Pricing Assumptions

| Duration | Exposure Actual Counts | Actual Rate | Expected Counts | Expected Rate | A/E |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 90,304 | 68 | $0.1 \%$ | 164 | $0.2 \%$ | $41.5 \%$ |
| 2 | 87,879 | 133 | $0.2 \%$ | 229 | $0.3 \%$ | $58.0 \%$ |
| 3 | 86,231 | 133 | $0.2 \%$ | 281 | $0.3 \%$ | $4.3 \%$ |
| 4 | 84,446 | 192 | $0.2 \%$ | 330 | $0.4 \%$ | $58.1 \%$ |
| 5 | 82,841 | 192 | $0.2 \%$ | 375 | $0.5 \%$ | $51.2 \%$ |
| 6 | 81,634 | 219 | $0.3 \%$ | 464 | $0.6 \%$ | $47.2 \%$ |
| 7 | 80,276 | 240 | $0.3 \%$ | 532 | $0.7 \%$ | $45.1 \%$ |
| 8 | 78,051 | 252 | $0.3 \%$ | 603 | $0.8 \%$ | $41.8 \%$ |
|  | 64,238 | 199 | $0.3 \%$ | 581 | $0.9 \%$ | $34.3 \%$ |
| 9 | 25,979 | 27 | $0.1 \%$ | 279 | $1.1 \%$ | $9.7 \%$ |
| 10 | 602 | 0 | $0.0 \%$ | 8 | $1.3 \%$ | $0.0 \%$ |
| Total | 762,482 | 1,655 | $0.2 \%$ | 3,845 | $0.5 \%$ | $43.0 \%$ |

$\equiv$


## Exhibit 14a: Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase Lifetime High BIO <br> Policies Not Subject to the Revised Couples Discount

| Calendar <br> Year | Earned <br> Premium | Paid <br> Claim | DLR | IBNR | DBNR | Incurred <br> Claim | Actual <br> Claim Couni |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2012 | 88,563 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | 264,199 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 260,898 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 260,991 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | 261,283 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | 261,287 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 261,287 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 259,308 | 0 | 0 | 767 | 0 | 767 | 0 |
| 2020 | 256,562 | 0 | 0 | 1,159 | 0 | 1,159 | 0 |
| 2021 | 256,818 | 0 | 0 | 3,989 | 0 | 3,989 | 0 |
| Total | $2,431,196$ | 0 | 0 | 5,915 | 0 | 5,915 | 0 |

## Exhibit 14b Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase <br> Lifetime Low BIO <br> Policies Not Subject to the Revised Couples Discount

| Calendar Year | Earned Premium | Paid Claim | DLR | IBNR | DBNR | Incurred Claim | Actual <br> Claim Coun |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 7,082 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | 15,296 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 15,296 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 15,296 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | 15,296 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | 15,296 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 15,379 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 15,579 | 0 | 0 | 42 | 0 | 42 | 0 |
| 2020 | 15,579 | 0 | 0 | 64 | 0 | 64 | 0 |
| 2021 | 15,579 | 0 | 0 | 220 | 0 | 220 | 0 |
| Total | 145,680 | 0 | 0 | 326 | 0 | 326 | $0$ |

Exhibit 14c: Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase Limited High BIO
Policies Not Subject to the Revised Couples Discount

| Calendar <br> Year | Earned <br> Premium | Paid <br> Claim | DLR | IBNR | DBNR | Incurred <br> Claim | Actual <br> Claim Couni |
| :---: | :---: | :---: | ---: | ---: | ---: | ---: | ---: |
| 2012 | $1,216,956$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | $5,472,993$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | $6,967,709$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | $6,944,925$ | 65,670 | 0 | 0 | 0 | 65,670 | 1 |
| 2016 | $6,852,863$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | $6,768,893$ | 197,942 | 322,611 | 0 | 0 | 520,553 | 2 |
| 2018 | $6,689,297$ | 3,352 | 0 | 0 | 0 | 3,352 | 3 |
| 2019 | $6,615,624$ | 304,564 | 517,314 | 20,036 | 0 | 841,914 | 3 |
| 2020 | $6,575,372$ | 79,024 | 305,782 | 30,276 | 0 | 415,082 | 2 |
| 2021 | $6,514,099$ | 26,891 | 772,760 | 104,190 | 5,923 | 909,764 | 6 |
| Total | $60,618,731$ | 677,443 | $1,918,467$ | 154,502 | 5,923 | $2,756,335$ | 17 |

## CONFIDENTIAL

## Exhibit 14d: Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase Limited Low BIO <br> Policies Not Subject to the Revised Couples Discount

| Calendar Year | Earned <br> Premium | Paid Claim | DLR | IBNR | DBNR | Incurred Claim | Actual Claim Coun |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 25,811 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | 95,409 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 112,569 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 112,203 | 82,908 | 0 | 0 | 0 | 82,908 | 1 |
| 2016 | 109,895 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | 103,418 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 103,280 | 273,826 | 119,943 | 0 | 0 | 393,769 | 2 |
| 2019 | 105,073 | 94,121 | 0 | 167 | 0 | 94,287 | 1 |
| 2020 | 105,204 | 0 | 0 | 252 | 0 | 252 | 0 |
| 2021 | 100,037 | 0 | 0 | 866 | 338 | 1,203 | 0 |
| Total | 972,899 | 450,855 | 119,943 | 1,284 | 338 | 572,419 | 4 |

Exhibit 14e: Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase Limited High BIO
Policies Subject to the Revised Couples Discount

| Calendar Year | Earned Premium | Paid Claim | DLR | IBNR | DBNR | Incurred Claim | Actual Claim Coun |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 217,197 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 1,546,840 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 1,656,773 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | 1,640,287 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | 1,617,612 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 1,599,528 | 124 | 0 | 0 | 0 | 124 | 1 |
| 2019 | 1,573,711 | 0 | 0 | 3,236 | 0 | 3,236 | 0 |
| 2020 | 1,560,226 | 31,538 | 0 | 4,890 | 0 | 36,428 | 1 |
| 2021 | 1,554,641 | 80,789 | 151,139 | 16,828 | 435 | 249,191 | 2 |
| Total | 12,966,814 | 112,451 | 151,139 | 24,954 | 435 | 288,980 | 4 |

## CONFIDENTIAL

Exhibit 14f: Flex 1 Policy Forms - Historical Experience Virginia Policies Only With Approved Rate Increase Limited Low BIO
Policies Subject to the Revised Couples Discount

| Calendar <br> Year | Earned <br> Premium | Paid <br> Claim | DLR | IBNR | DBNR | Incurred <br> Claim | Actual <br> lactaim Count |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2013 | 8,487 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 49,675 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 54,697 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | 54,805 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2017 | 54,984 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 53,431 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 53,342 | 0 | 0 | 69 | 0 | 69 | 0 |
| 2020 | 53,857 | 0 | 0 | 104 | 0 | 104 | 0 |
| 2021 | 53,669 | 0 | 0 | 356 | 0 | 356 | 0 |
| Total | 436,949 | 0 | 0 | 529 | 0 | 529 | 0 |

Exhibit 15a: Flex 1 Policy Forms - Nationwide Experience
Lifetime High BIO With 128.1\% "Blended If-Knew" Rate Increase* with MAS
Applicable to Policies Not Subject to the Couples Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | - | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,404,164 | 2,593,696 | 27.6\% | 0.9815 | 2,909 |
| 2023 | 14,843,814 | 3,363,519 | 22.7\% | 0.9456 | 2,882 |
| 2024 | 24,847,636 | 4,355,273 | 17.5\% | 0.9110 | 2,853 |
| 2025 | 24,524,763 | 5,105,062 | 20.8\% | 0.8776 | 2,821 |
| 2026 | 24,169,873 | 5,927,964 | 24.5\% | 0.8455 | 2,787 |
| 2027 | 23,769,857 | 6,780,474 | 28.5\% | 0.8145 | 2,749 |
| 2028 | 23,311,252 | 7,751,589 | 33.3\% | 0.7847 | 2,708 |
| 2029 | 22,827,020 | 8,874,944 | 38.9\% | 0.7560 | 2,661 |
| 2030 | 22,301,116 | 10,103,433 | 45.3\% | 0.7283 | 2,609 |
| 2031 | 21,731,062 | 11,356,014 | 52.3\% | 0.7017 | 2,552 |
| 2032 | 21,099,163 | 12,539,693 | 59.4\% | 0.6760 | 2,488 |
| 2033 | 20,427,872 | 13,937,193 | 68.2\% | 0.6512 | 2,420 |
| 2034 | 19,713,315 | 15,600,749 | 79.1\% | 0.6274 | 2,347 |
| 2035 | 18,958,086 | 17,163,387 | 90.5\% | 0.6044 | 2,270 |
| 2036 | 18,166,706 | 18,714,285 | 103.0\% | 0.5823 | 2,187 |
| 2037 | 17,340,185 | 20,275,730 | 116.9\% | 0.5610 | 2,100 |
| 2038 | 16,477,631 | 22,103,830 | 134.1\% | 0.5404 | 2,008 |
| 2039 | 15,581,301 | 24,145,586 | 155.0\% | 0.5207 | 1,912 |
| 2040 | 14,664,994 | 25,805,159 | 176.0\% | 0.5016 | 1,812 |
| 2041 | 13,730,698 | 27,217,073 | 198.2\% | 0.4832 | 1,709 |
| 2042 | 12,784,509 | 28,299,845 | 221.4\% | 0.4655 | 1,604 |
| 2043 | 11,831,819 | 29,122,066 | 246.1\% | 0.4485 | 1,497 |
| 2044 | 10,885,549 | 29,815,529 | 273.9\% | 0.4321 | 1,389 |
| 2045 | 9,959,747 | 29,952,290 | 300.7\% | 0.4163 | 1,283 |
| 2046 | 9,062,447 | 29,957,346 | 330.6\% | 0.4010 | 1,179 |
| 2047 | 8,201,906 | 29,795,140 | 363.3\% | 0.3863 | 1,078 |
| 2048 | 7,380,246 | 29,024,645 | 393.3\% | 0.3722 | 980 |
| 2049 | 6,599,501 | 27,835,733 | 421.8\% | 0.3586 | 886 |
| 2050 | 5,863,035 | 26,335,903 | 449.2\% | 0.3454 | 796 |
| 2051 | 5,182,933 | 24,926,788 | 480.9\% | 0.3328 | 713 |
| 2052 | 4,556,567 | 23,720,078 | 520.6\% | 0.3206 | 634 |
| 2053 | 3,983,101 | 22,347,786 | 561.1\% | 0.3089 | 562 |
| 2054 | 3,462,059 | 20,808,934 | 601.1\% | 0.2976 | 495 |
| 2055 | 2,992,281 | 19,206,017 | 641.9\% | 0.2867 | 434 |
| 2056 | 2,573,026 | 17,586,028 | 683.5\% | 0.2762 | 379 |
| 2057 | 2,202,090 | 15,703,519 | 713.1\% | 0.2661 | 329 |
| 2058 | 1,875,404 | 13,872,023 | 739.7\% | 0.2563 | 285 |
| 2059 | 1,589,608 | 12,527,972 | 788.1\% | 0.2469 | 246 |
| 2060 | 1,341,033 | 11,405,019 | 850.5\% | 0.2379 | 212 |
| 2061 | 1,126,169 | 10,455,028 | 928.4\% | 0.2292 | 181 |
| 2062 | 941,431 | 9,528,258 | 1012.1\% | 0.2208 | 155 |
| 2063 | 783,678 | 8,623,066 | 1100.3\% | 0.2127 | 131 |
| 2064 | 649,956 | 7,733,011 | 1189.8\% | 0.2049 | 111 |
| 2065 | 536,879 | 6,908,988 | 1286.9\% | 0.1974 | 94 |
| 2066 | 441,540 | 6,121,403 | 1386.4\% | 0.1902 | 79 |
| 2067 | 361,515 | 5,264,984 | 1456.4\% | 0.1832 | 66 |
| 2068 | 294,674 | 4,472,926 | 1517.9\% | 0.1765 | 55 |
| 2069 | 239,058 | 3,880,842 | 1623.4\% | 0.1701 | 45 |
| 2070 | 192,875 | 3,339,667 | 1731.5\% | 0.1638 | 37 |
| 2071 | 154,692 | 2,824,970 | 1826.2\% | 0.1578 | 30 |
| 2072 | 123,293 | 2,347,182 | 1903.7\% | 0.1521 | 24 |
| 2073 | 97,657 | 1,938,702 | 1985.2\% | 0.1465 | 20 |
| 2074 | 76,913 | 1,541,761 | 2004.6\% | 0.1411 | 16 |
| 2075 | 60,217 | 1,209,066 | 2007.8\% | 0.1360 | 12 |
| 2076 | 46,859 | 926,787 | 1977.8\% | 0.1310 | 9 |
| 2077 | 36,234 | 678,176 | 1871.6\% | 0.1262 | 7 |
| 2078 | 27,845 | 496,687 | 1783.8\% | 0.1216 | 6 |
| 2079 | 21,252 | 358,362 | 1686.2\% | 0.1171 | 4 |
| 2080 | 16,099 | 255,552 | 1587.4\% | 0.1128 | 3 |
| 2081 | 12,093 | 184,038 | 1521.8\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 321,053,360 | 336,553,388 | 104.8\% |  |  |
| Lifetime: | 458,702,414 | 345,597,742 | 75.3\% |  |  |

Exhibit 15b: Flex 1 Policy Forms - Nationwide Experience
Lifetime High BIO With 78.6\% "Blended If-Knew" Rate Increase* with MAS
Applicable to Policies Not Subject to the Couples Discount


Exhibit 15c: Flex 1 Policy Forms - Nationwide Experience
Limited High BIO With 90.1\% "Blended If-Knew" Rate Increase* with MAS
Applicable to Policies Subject to the Couples Discount


## Genworth Life Insurance Company

## Exhibit 16: Flex 1 Policy Forms - Nationwide Experience Applicable to Policies Not Subject to the Couples Discount Lifetime High BIO PPV Calculations

|  | Lifetime High BIO |
| :---: | :---: |
| Total rate increase \% | 56.6\% |
| Catch-up |  |
| AV(Premium Requested Past) | 133,529,388 |
| AV(Premium Approved Past) | 133,529,388 |
| PV(Premium Requested Future) | 158,187,099 |
| PV(Premium Approved Future) | 147,665,024 |
| PVcurrent(Future Earned Premium) | 149,190,038 |
| Catch-up rate increase \% | 7.1\% |
| Base |  |
| PV(Current Year CFT Future Earned Premium) | 149,190,038 |
| PV(Filing Year CFT Future Earned Premium) | 147,665,024 |
| Inc in Earned Premium | 1,525,014 |
| PV(Current Year CFT Future Incurred Claims) | 313,231,763 |
| PV(Filing Year CFT Future Incurred Claims) | 216,831,364 |
| Inc in Incurred Claims | 63,875,695 |
| PVcurrent(Future Earned Premium) | 149,190,038 |
| Cumulative rate increase | 58.0\% |
| Base rate increase \% | 49.6\% |

Exhibit 17a: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Virginia Approved Rate Increase with MAE
Applicable to Policies Not Subject to the Couples Discount
Lifetime High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 155,234 | 0 | 0.0\% | 1.4794 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.4252 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.3730 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3228 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.2743 | 3,059 |
| 2016 | 11,693,994 | 657,021 | 5.6\% | 1.2277 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.1827 | 2,984 |
| 2018 | 11,419,009 | 462,103 | 4.0\% | 1.1394 | 2,950 |
| 2019 | 11,291,500 | 389,501 | 3.4\% | 1.0977 | 2,919 |
| 2020 | 11,202,067 | 442,354 | 3.9\% | 1.0575 | 2,898 |
| 2021 | 11,090,374 | 248,889 | 2.2\% | 1.0188 | 2,871 |
| 2022 | 9,320,760 | 2,098,991 | 22.5\% | 0.9815 | 2,840 |
| 2023 | 10,341,785 | 2,507,140 | 24.2\% | 0.9456 | 2,813 |
| 2024 | 10,862,055 | 2,875,363 | 26.5\% | 0.9110 | 2,784 |
| 2025 | 10,722,380 | 3,246,101 | 30.3\% | 0.8776 | 2,753 |
| 2026 | 10,566,584 | 3,622,334 | 34.3\% | 0.8455 | 2,718 |
| 2027 | 10,388,040 | 3,980,135 | 38.3\% | 0.8145 | 2,678 |
| 2028 | 10,179,994 | 4,438,157 | 43.6\% | 0.7847 | 2,634 |
| 2029 | 9,955,684 | 4,990,052 | 50.1\% | 0.7560 | 2,584 |
| 2030 | 9,706,772 | 5,659,004 | 58.3\% | 0.7283 | 2,526 |
| 2031 | 9,429,506 | 6,427,105 | 68.2\% | 0.7017 | 2,460 |
| 2032 | 9,118,537 | 7,137,550 | 78.3\% | 0.6760 | 2,389 |
| 2033 | 8,792,274 | 8,037,092 | 91.4\% | 0.6512 | 2,314 |
| 2034 | 8,452,288 | 9,130,399 | 108.0\% | 0.6274 | 2,236 |
| 2035 | 8,100,023 | 10,152,504 | 125.3\% | 0.6044 | 2,154 |
| 2036 | 7,736,985 | 11,118,520 | 143.7\% | 0.5823 | 2,070 |
| 2037 | 7,364,758 | 12,028,803 | 163.3\% | 0.5610 | 1,982 |
| 2038 | 6,983,090 | 13,115,905 | 187.8\% | 0.5404 | 1,892 |
| 2039 | 6,592,962 | 14,385,770 | 218.2\% | 0.5207 | 1,799 |
| 2040 | 6,200,195 | 15,489,877 | 249.8\% | 0.5016 | 1,704 |
| 2041 | 5,805,266 | 16,495,337 | 284.1\% | 0.4832 | 1,608 |
| 2042 | 5,410,040 | 17,361,420 | 320.9\% | 0.4655 | 1,510 |
| 2043 | 5,015,698 | 18,107,998 | 361.0\% | 44.8\% | 1,412 |
| 2044 | 4,627,061 | 18,807,971 | 406.5\% | 0.4321 | 1,314 |
| 2045 | 4,246,865 | 19,157,591 | 451.1\% | 0.4163 | 1,217 |
| 2046 | 3,877,414 | 19,410,699 | 500.6\% | 0.4010 | 1,122 |
| 2047 | 3,521,691 | 19,591,201 | 556.3\% | 0.3863 | 1,028 |
| 2048 | 3,180,595 | 19,390,781 | 609.7\% | 0.3722 | 938 |
| 2049 | 2,855,099 | 18,895,364 | 661.8\% | 0.3586 | 851 |
| 2050 | 2,546,598 | 18,146,728 | 712.6\% | 0.3454 | 768 |
| 2051 | 2,260,390 | 17,399,610 | 769.8\% | 0.3328 | 689 |
| 2052 | 1,995,478 | 16,789,808 | 841.4\% | 0.3206 | 616 |
| 2053 | 1,751,627 | 16,029,952 | 915.1\% | 0.3089 | 547 |
| 2054 | 1,528,893 | 15,123,014 | 989.1\% | 0.2976 | 484 |
| 2055 | 1,327,001 | 14,143,004 | 1065.8\% | 0.2867 | 426 |
| 2056 | 1,145,792 | 13,085,466 | 1142.0\% | 0.2762 | 373 |
| 2057 | 984,531 | 11,816,953 | 1200.3\% | 0.2661 | 326 |
| 2058 | 841,615 | 10,555,052 | 1254.1\% | 0.2563 | 283 |
| 2059 | 715,821 | 9,628,598 | 1345.1\% | 0.2469 | 245 |
| 2060 | 605,833 | 8,850,534 | 1460.9\% | 0.2379 | 211 |
| 2061 | 510,262 | 8,184,004 | 1603.9\% | 0.2292 | 181 |
| 2062 | 427,663 | 7,548,272 | 1765.0\% | 0.2208 | 155 |
| 2063 | 356,779 | 6,911,142 | 1937.1\% | 0.2127 | 132 |
| 2064 | 296,463 | 6,280,834 | 2118.6\% | 0.2049 | 112 |
| 2065 | 245,350 | 5,687,510 | 2318.1\% | 0.1974 | 95 |
| 2066 | 202,239 | 5,105,992 | 2524.7\% | 0.1902 | 80 |
| 2067 | 166,038 | 4,462,844 | 2687.8\% | 0.1832 | 67 |
| 2068 | 135,777 | 3,847,305 | 2833.5\% | 0.1765 | 56 |
| 2069 | 110,534 | 3,411,324 | 3086.2\% | 0.1701 | 46 |
| 2070 | 89,516 | 2,987,130 | 3337.0\% | 0.1638 | 38 |
| 2071 | 72,053 | 2,572,987 | 3570.9\% | 0.1578 | 31 |
| 2072 | 57,596 | 2,193,611 | 3808.6\% | 0.1521 | 25 |
| 2073 | 45,711 | 1,862,027 | 4073.5\% | 0.1465 | 20 |
| 2074 | 36,038 | 1,518,802 | 4214.4\% | 0.1411 | 16 |
| 2075 | 28,228 | 1,214,775 | 4303.5\% | 0.1360 | 13 |
| 2076 | 21,965 | 952,972 | 4338.6\% | 0.1310 | 10 |
| 2077 | 16,987 | 710,838 | 4184.5\% | 0.1262 | 8 |
| 2078 | 13,065 | 530,244 | 4058.7\% | 0.1216 | 6 |
| 2079 | 9,990 | 390,340 | 3907.4\% | 0.1171 | 4 |
| 2080 | 7,585 | 285,162 | 3759.7\% | 0.1128 | 3 |
| 2081 | 5,714 | 209,895 | 3673.1\% | 0.1087 | 2 |
| Past | 133,529,388 | 3,173,548 | 2.4\% |  |  |
| Future | 147,665,024 | 216,831,364 | 146.8\% |  |  |
| Lifetime | 281,194,412 | 220,004,912 | 78.2\% |  |  |

Exhibit 17b: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Full One Time Approval with MAE Applicable to Policies Not Subject to the Couples Discount Lifetime High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 155,234 | 0 | 0.0\% | 1.4794 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.4252 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.3730 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3228 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.2743 | 3,059 |
| 2016 | 11,693,994 | 657,021 | 5.6\% | 1.2277 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.1827 | 2,984 |
| 2018 | 11,419,009 | 462,103 | 4.0\% | 1.1394 | 2,950 |
| 2019 | 11,291,500 | 389,501 | 3.4\% | 1.0977 | 2,919 |
| 2020 | 11,202,067 | 442,354 | 3.9\% | 1.0575 | 2,898 |
| 2021 | 11,090,374 | 248,889 | 2.2\% | 1.0188 | 2,871 |
| 2022 | 10,889,329 | 2,137,785 | 19.6\% | 0.9815 | 2,840 |
| 2023 | 11,655,193 | 2,547,137 | 21.9\% | 0.9456 | 2,813 |
| 2024 | 11,515,153 | 2,896,620 | 25.2\% | 0.9110 | 2,784 |
| 2025 | 11,367,080 | 3,269,040 | 28.8\% | 0.8776 | 2,753 |
| 2026 | 11,201,917 | 3,647,110 | 32.6\% | 0.8455 | 2,718 |
| 2027 | 11,012,638 | 4,006,718 | 36.4\% | 0.8145 | 2,678 |
| 2028 | 10,792,082 | 4,467,259 | 41.4\% | 0.7847 | 2,634 |
| 2029 | 10,554,285 | 5,022,370 | 47.6\% | 0.7560 | 2,584 |
| 2030 | 10,290,407 | 5,695,366 | 55.3\% | 0.7283 | 2,526 |
| 2031 | 9,996,470 | 6,468,032 | 64.7\% | 0.7017 | 2,460 |
| 2032 | 9,666,804 | 7,182,461 | 74.3\% | 0.6760 | 2,389 |
| 2033 | 9,320,923 | 8,086,633 | 86.8\% | 0.6512 | 2,314 |
| 2034 | 8,960,495 | 9,185,074 | 102.5\% | 0.6274 | 2,236 |
| 2035 | 8,587,050 | 10,211,298 | 118.9\% | 0.6044 | 2,154 |
| 2036 | 8,202,184 | 11,180,574 | 136.3\% | 0.5823 | 2,070 |
| 2037 | 7,807,576 | 12,093,430 | 154.9\% | 0.5610 | 1,982 |
| 2038 | 7,402,960 | 13,183,533 | 178.1\% | 0.5404 | 1,892 |
| 2039 | 6,989,374 | 14,456,401 | 206.8\% | 0.5207 | 1,799 |
| 2040 | 6,572,992 | 15,561,586 | 236.8\% | 0.5016 | 1,704 |
| 2041 | 6,154,316 | 16,566,528 | 269.2\% | 0.4832 | 1,608 |
| 2042 | 5,735,327 | 17,431,058 | 303.9\% | 0.4655 | 1,510 |
| 2043 | 5,317,275 | 18,175,492 | 341.8\% | 44.8\% | 1,412 |
| 2044 | 4,905,271 | 18,872,947 | 384.7\% | 0.4321 | 1,314 |
| 2045 | 4,502,215 | 19,219,171 | 426.9\% | 0.4163 | 1,217 |
| 2046 | 4,110,550 | 19,468,769 | 473.6\% | 0.4010 | 1,122 |
| 2047 | 3,733,439 | 19,645,603 | 526.2\% | 0.3863 | 1,028 |
| 2048 | 3,371,833 | 19,440,802 | 576.6\% | 0.3722 | 938 |
| 2049 | 3,026,766 | 18,940,655 | 625.8\% | 0.3586 | 851 |
| 2050 | 2,699,716 | 18,187,379 | 673.7\% | 0.3454 | 768 |
| 2051 | 2,396,300 | 17,436,123 | 727.6\% | 0.3328 | 689 |
| 2052 | 2,115,459 | 16,822,647 | 795.2\% | 0.3206 | 616 |
| 2053 | 1,856,947 | 16,059,117 | 864.8\% | 0.3089 | 547 |
| 2054 | 1,620,820 | 15,148,531 | 934.6\% | 0.2976 | 484 |
| 2055 | 1,406,789 | 14,165,161 | 1006.9\% | 0.2867 | 426 |
| 2056 | 1,214,685 | 13,104,576 | 1078.8\% | 0.2762 | 373 |
| 2057 | 1,043,727 | 11,833,068 | 1133.7\% | 0.2661 | 326 |
| 2058 | 892,218 | 10,568,495 | 1184.5\% | 0.2563 | 283 |
| 2059 | 758,861 | 9,640,026 | 1270.3\% | 0.2469 | 245 |
| 2060 | 642,260 | 8,860,320 | 1379.6\% | 0.2379 | 211 |
| 2061 | 540,943 | 8,192,437 | 1514.5\% | 0.2292 | 181 |
| 2062 | 453,377 | 7,555,488 | 1666.5\% | 0.2208 | 155 |
| 2063 | 378,231 | 6,917,249 | 1828.8\% | 0.2127 | 132 |
| 2064 | 314,289 | 6,285,951 | 2000.1\% | 0.2049 | 112 |
| 2065 | 260,102 | 5,691,769 | 2188.3\% | 0.1974 | 95 |
| 2066 | 214,399 | 5,109,497 | 2383.2\% | 0.1902 | 80 |
| 2067 | 176,022 | 4,465,665 | 2537.0\% | 0.1832 | 67 |
| 2068 | 143,941 | 3,849,540 | 2674.4\% | 0.1765 | 56 |
| 2069 | 117,181 | 3,413,151 | 2912.7\% | 0.1701 | 46 |
| 2070 | 94,898 | 2,988,612 | 3149.3\% | 0.1638 | 38 |
| 2071 | 76,386 | 2,574,168 | 3370.0\% | 0.1578 | 31 |
| 2072 | 61,060 | 2,194,547 | 3594.1\% | 0.1521 | 25 |
| 2073 | 48,459 | 1,862,770 | 3844.0\% | 0.1465 | 20 |
| 2074 | 38,205 | 1,519,368 | 3976.9\% | 0.1411 | 16 |
| 2075 | 29,925 | 1,215,201 | 4060.8\% | 0.1360 | 13 |
| 2076 | 23,286 | 953,284 | 4093.8\% | 0.1310 | 10 |
| 2077 | 18,009 | 711,058 | 3948.4\% | 0.1262 | 8 |
| 2078 | 13,850 | 530,400 | 3829.6\% | 0.1216 | 6 |
| 2079 | 10,591 | 390,448 | 3686.8\% | 0.1171 | 4 |
| 2080 | 8,041 | 285,237 | 3547.4\% | 0.1128 | 3 |
| 2081 | 6,058 | 209,947 | 3465.6\% | 0.1087 | 2 |
| Past | 133,529,388 | 3,173,548 | 2.4\% |  |  |
| Future | 158,187,099 | 217,723,302 | 137.6\% |  |  |
| Lifetime | 291,716,487 | 220,896,850 | 75.7\% |  |  |

Exhibit 17c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with MAE
Applicable to Policies Not Subject to the Couples Discount
Lifetime High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 155,234 | 0 | 0.0\% | 1.4794 | 264 |
| 2012 | 6,376,126 | 143,095 | 2.2\% | 1.4252 | 3,186 |
| 2013 | 12,185,661 | 227,493 | 1.9\% | 1.3730 | 3,149 |
| 2014 | 11,978,293 | 31,688 | 0.3\% | 1.3228 | 3,099 |
| 2015 | 11,827,244 | 89,112 | 0.8\% | 1.2743 | 3,059 |
| 2016 | 11,693,994 | 657,021 | 5.6\% | 1.2277 | 3,020 |
| 2017 | 11,546,668 | 16,647 | 0.1\% | 1.1827 | 2,984 |
| 2018 | 11,419,009 | 462,103 | 4.0\% | 1.1394 | 2,950 |
| 2019 | 11,291,500 | 389,501 | 3.4\% | 1.0977 | 2,919 |
| 2020 | 11,202,067 | 442,354 | 3.9\% | 1.0575 | 2,898 |
| 2021 | 11,090,374 | 248,889 | 2.2\% | 1.0188 | 2,871 |
| 2022 | 9,318,574 | 2,569,205 | 27.6\% | 0.9815 | 2,839 |
| 2023 | 10,336,287 | 3,174,349 | 30.7\% | 0.9456 | 2,812 |
| 2024 | 10,856,989 | 3,774,889 | 34.8\% | 0.9110 | 2,784 |
| 2025 | 10,719,321 | 4,458,855 | 41.6\% | 0.8776 | 2,753 |
| 2026 | 10,567,054 | 5,210,027 | 49.3\% | 0.8455 | 2,719 |
| 2027 | 10,394,526 | 5,990,643 | 57.6\% | 0.8145 | 2,682 |
| 2028 | 10,195,894 | 6,881,579 | 67.5\% | 0.7847 | 2,641 |
| 2029 | 9,985,688 | 7,913,825 | 79.3\% | 0.7560 | 2,595 |
| 2030 | 9,756,934 | 9,045,269 | 92.7\% | 0.7283 | 2,544 |
| 2031 | 9,508,565 | 10,205,348 | 107.3\% | 0.7017 | 2,488 |
| 2032 | 9,232,873 | 11,308,839 | 122.5\% | 0.6760 | 2,426 |
| 2033 | 8,939,743 | 12,612,508 | 141.1\% | 0.6512 | 2,359 |
| 2034 | 8,627,515 | 14,172,330 | 164.3\% | 0.6274 | 2,287 |
| 2035 | 8,297,356 | 15,649,453 | 188.6\% | 0.6044 | 2,211 |
| 2036 | 7,951,262 | 17,125,136 | 215.4\% | 0.5823 | 2,131 |
| 2037 | 7,589,694 | 18,615,510 | 245.3\% | 0.5610 | 2,046 |
| 2038 | 7,212,279 | 20,357,924 | 282.3\% | 0.5404 | 1,956 |
| 2039 | 6,820,013 | 22,323,219 | 327.3\% | 0.5207 | 1,862 |
| 2040 | 6,418,962 | 23,940,993 | 373.0\% | 0.5016 | 1,764 |
| 2041 | 6,010,004 | 25,335,526 | 421.6\% | 0.4832 | 1,664 |
| 2042 | 5,595,813 | 26,432,540 | 472.4\% | 0.4655 | 1,561 |
| 2043 | 5,178,756 | 27,281,294 | 526.8\% | 44.8\% | 1,456 |
| 2044 | 4,764,512 | 28,020,938 | 588.1\% | 0.4321 | 1,351 |
| 2045 | 4,359,247 | 28,227,847 | 647.5\% | 0.4163 | 1,247 |
| 2046 | 3,966,613 | 28,299,691 | 713.4\% | 0.4010 | 1,146 |
| 2047 | 3,589,889 | 28,221,885 | 786.1\% | 0.3863 | 1,047 |
| 2048 | 3,230,105 | 27,554,772 | 853.1\% | 0.3722 | 951 |
| 2049 | 2,888,240 | 26,478,931 | 916.8\% | 0.3586 | 860 |
| 2050 | 2,565,770 | 25,090,489 | 977.9\% | 0.3454 | 773 |
| 2051 | 2,267,998 | 23,773,530 | 1048.2\% | 0.3328 | 691 |
| 2052 | 1,993,744 | 22,656,376 | 1136.4\% | 0.3206 | 615 |
| 2053 | 1,742,658 | 21,375,857 | 1226.6\% | 0.3089 | 544 |
| 2054 | 1,514,537 | 19,929,087 | 1315.9\% | 0.2976 | 479 |
| 2055 | 1,308,871 | 18,409,979 | 1406.6\% | 0.2867 | 420 |
| 2056 | 1,125,336 | 16,869,548 | 1499.1\% | 0.2762 | 367 |
| 2057 | 962,966 | 15,080,829 | 1566.1\% | 0.2661 | 319 |
| 2058 | 819,979 | 13,321,425 | 1624.6\% | 0.2563 | 276 |
| 2059 | 694,901 | 12,034,937 | 1731.9\% | 0.2469 | 238 |
| 2060 | 586,126 | 10,956,087 | 1869.2\% | 0.2379 | 204 |
| 2061 | 492,116 | 10,050,409 | 2042.3\% | 0.2292 | 175 |
| 2062 | 411,301 | 9,175,228 | 2230.8\% | 0.2208 | 149 |
| 2063 | 342,302 | 8,308,737 | 2427.3\% | 0.2127 | 127 |
| 2064 | 283,827 | 7,457,865 | 2627.6\% | 0.2049 | 107 |
| 2065 | 234,392 | 6,668,130 | 2844.9\% | 0.1974 | 91 |
| 2066 | 192,723 | 5,916,603 | 3070.0\% | 0.1902 | 76 |
| 2067 | 157,758 | 5,103,258 | 3234.9\% | 0.1832 | 64 |
| 2068 | 128,562 | 4,336,251 | 3372.9\% | 0.1765 | 53 |
| 2069 | 104,277 | 3,764,822 | 3610.4\% | 0.1701 | 44 |
| 2070 | 84,118 | 3,243,546 | 3856.0\% | 0.1638 | 36 |
| 2071 | 67,455 | 2,746,571 | 4071.7\% | 0.1578 | 29 |
| 2072 | 53,758 | 2,288,671 | 4257.4\% | 0.1521 | 24 |
| 2073 | 42,577 | 1,892,957 | 4446.0\% | 0.1465 | 19 |
| 2074 | 33,532 | 1,506,554 | 4492.9\% | 0.1411 | 15 |
| 2075 | 26,255 | 1,182,213 | 4502.9\% | 0.1360 | 12 |
| 2076 | 20,433 | 907,696 | 4442.3\% | 0.1310 | 9 |
| 2077 | 15,803 | 664,933 | 4207.6\% | 0.1262 | 7 |
| 2078 | 12,148 | 487,463 | 4012.8\% | 0.1216 | 5 |
| 2079 | 9,275 | 351,962 | 3794.8\% | 0.1171 | 4 |
| 2080 | 7,028 | 251,098 | 3572.6\% | 0.1128 | 3 |
| 2081 | 5,282 | 180,946 | 3425.9\% | 0.1087 | 2 |
| Past | 133,529,388 | 3,173,548 | 2.4\% |  |  |
| Future | 149,190,038 | 313,231,763 | 210.0\% |  |  |
| Lifetime | 282,719,426 | 316,405,312 | 111.9\% |  |  |

## Genworth Life Insurance Company

## Exhibit 18: Flex 1 Policy Forms - Nationwide Experience Applicable to Policies Not Subject to the Couples Discount Limited High BIO PPV Calculations

|  | Lifetime High BIO |
| :---: | :---: |
| Total rate increase \% | 59.3\% |
| Catch-up |  |
| AV(Premium Requested Past) | 1,571,631,207 |
| AV(Premium Approved Past) | 1,571,631,207 |
| PV(Premium Requested Future) | 2,380,466,725 |
| PV(Premium Approved Future) | 2,223,161,369 |
| PVcurrent(Future Earned Premium) | 2,233,931,702 |
| Catch-up rate increase \% | 7.0\% |
| Base |  |
| PV(Current Year CFT Future Earned Premium) | 2,233,931,702 |
| PV(Filing Year CFT Future Earned Premium) | 2,223,161,369 |
| Inc in Earned Premium | 10,770,333 |
| PV(Current Year CFT Future Incurred Claims) | 3,840,447,014 |
| PV(Filing Year CFT Future Incurred Claims) | 2,470,654,864 |
| Inc in Incurred Claims | 999,193,920 |
| PVcurrent(Future Earned Premium) | 2,233,931,702 |
| Cumulative rate increase | 58.0\% |
| Base rate increase \% | 52.2\% |

Exhibit 19a: Flex 1 Policy Forms - Nationwide Experience Prior Assumptions With Virginia Approved Rate Increase with MAE

Applicable to Policies Not Subject to the Couples Discount Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,611,881 | 0 | 0.0\% | 1.4794 | 4,634 |
| 2012 | 57,730,712 | 20,606 | 0.0\% | 1.4252 | 47,164 |
| 2013 | 129,706,160 | 936,712 | 0.7\% | 1.3730 | 61,521 |
| 2014 | 146,123,991 | 1,333,295 | 0.9\% | 1.3228 | 62,534 |
| 2015 | 144,629,264 | 2,831,355 | 2.0\% | 1.2743 | 61,558 |
| 2016 | 142,319,363 | 4,933,503 | 3.5\% | 1.2277 | 60,720 |
| 2017 | 140,552,877 | 4,304,575 | 3.1\% | 1.1827 | 59,989 |
| 2018 | 138,907,300 | 5,595,079 | 4.0\% | 1.1394 | 59,323 |
| 2019 | 137,447,989 | 6,259,137 | 4.6\% | 1.0977 | 58,753 |
| 2020 | 136,035,180 | 4,654,054 | 3.4\% | 1.0575 | 58,194 |
| 2021 | 134,771,982 | 3,494,723 | 2.6\% | 1.0188 | 57,679 |
| 2022 | 122,495,428 | 27,870,117 | 22.8\% | 0.9815 | 56,856 |
| 2023 | 168,099,822 | 35,225,410 | 21.0\% | 0.9456 | 56,095 |
| 2024 | 175,951,668 | 42,171,684 | 24.0\% | 0.9110 | 55,309 |
| 2025 | 173,024,835 | 49,129,047 | 28.4\% | 0.8776 | 54,462 |
| 2026 | 169,877,686 | 55,994,568 | 33.0\% | 0.8455 | 53,536 |
| 2027 | 166,429,063 | 62,424,849 | 37.5\% | 0.8145 | 52,510 |
| 2028 | 162,626,833 | 69,496,311 | 42.7\% | 0.7847 | 51,361 |
| 2029 | 158,394,922 | 77,729,076 | 49.1\% | 0.7560 | 50,065 |
| 2030 | 153,656,948 | 87,860,055 | 57.2\% | 0.7283 | 48,596 |
| 2031 | 148,361,311 | 99,616,091 | 67.1\% | 0.7017 | 46,950 |
| 2032 | 142,500,998 | 110,636,532 | 77.6\% | 0.6760 | 45,173 |
| 2033 | 136,271,441 | 122,813,410 | 90.1\% | 0.6512 | 43,309 |
| 2034 | 129,797,061 | 136,607,992 | 105.2\% | 0.6274 | 41,371 |
| 2035 | 123,128,312 | 149,304,006 | 121.3\% | 0.6044 | 39,370 |
| 2036 | 116,308,777 | 160,756,383 | 138.2\% | 0.5823 | 37,317 |
| 2037 | 109,380,141 | 170,945,698 | 156.3\% | 0.5610 | 35,218 |
| 2038 | 102,368,430 | 180,860,216 | 176.7\% | 0.5404 | 33,082 |
| 2039 | 95,308,715 | 191,171,422 | 200.6\% | 0.5207 | 30,921 |
| 2040 | 88,252,272 | 199,025,683 | 225.5\% | 0.5016 | 28,752 |
| 2041 | 81,267,357 | 204,939,166 | 252.2\% | 0.4832 | 26,595 |
| 2042 | 74,419,772 | 209,618,992 | 281.7\% | 0.4655 | 24,463 |
| 2043 | 67,742,100 | 212,245,054 | 313.3\% | 44.8\% | 22,367 |
| 2044 | 61,271,246 | 212,702,353 | 347.1\% | 0.4321 | 20,325 |
| 2045 | 55,057,594 | 209,238,751 | 380.0\% | 0.4163 | 18,355 |
| 2046 | 49,156,493 | 203,571,151 | 414.1\% | 0.4010 | 16,476 |
| 2047 | 43,616,599 | 197,652,290 | 453.2\% | 0.3863 | 14,696 |
| 2048 | 38,446,979 | 189,659,080 | 493.3\% | 0.3722 | 13,021 |
| 2049 | 33,651,675 | 179,317,942 | 532.9\% | 0.3586 | 11,457 |
| 2050 | 29,243,027 | 166,810,454 | 570.4\% | 0.3454 | 10,015 |
| 2051 | 25,239,513 | 153,243,860 | 607.2\% | 0.3328 | 8,698 |
| 2052 | 21,643,815 | 140,704,636 | 650.1\% | 0.3206 | 7,506 |
| 2053 | 18,434,348 | 128,413,745 | 696.6\% | 0.3089 | 6,433 |
| 2054 | 15,588,526 | 115,982,446 | 744.0\% | 0.2976 | 5,475 |
| 2055 | 13,087,752 | 103,963,398 | 794.4\% | 0.2867 | 4,630 |
| 2056 | 10,914,523 | 92,112,029 | 843.9\% | 0.2762 | 3,892 |
| 2057 | 9,046,934 | 79,913,306 | 883.3\% | 0.2661 | 3,252 |
| 2058 | 7,452,665 | 68,416,835 | 918.0\% | 0.2563 | 2,702 |
| 2059 | 6,100,523 | 59,001,448 | 967.2\% | 0.2469 | 2,231 |
| 2060 | 4,963,208 | 51,042,511 | 1028.4\% | 0.2379 | 1,832 |
| 2061 | 4,014,491 | 44,043,794 | 1097.1\% | 0.2292 | 1,497 |
| 2062 | 3,228,767 | 37,885,100 | 1173.4\% | 0.2208 | 1,216 |
| 2063 | 2,582,167 | 32,357,214 | 1253.1\% | 0.2127 | 983 |
| 2064 | 2,054,271 | 27,448,763 | 1336.2\% | 0.2049 | 791 |
| 2065 | 1,626,143 | 23,329,367 | 1434.6\% | 0.1974 | 634 |
| 2066 | 1,280,786 | 19,818,784 | 1547.4\% | 0.1902 | 506 |
| 2067 | 1,004,068 | 16,677,678 | 1661.0\% | 0.1832 | 403 |
| 2068 | 783,967 | 13,863,882 | 1768.4\% | 0.1765 | 319 |
| 2069 | 609,871 | 11,601,981 | 1902.4\% | 0.1701 | 252 |
| 2070 | 472,415 | 9,610,865 | 2034.4\% | 0.1638 | 198 |
| 2071 | 363,943 | 7,831,637 | 2151.9\% | 0.1578 | 155 |
| 2072 | 278,523 | 6,394,149 | 2295.7\% | 0.1521 | 120 |
| 2073 | 211,525 | 5,186,017 | 2451.7\% | 0.1465 | 93 |
| 2074 | 159,329 | 4,129,641 | 2591.9\% | 0.1411 | 71 |
| 2075 | 118,955 | 3,260,591 | 2741.0\% | 0.1360 | 54 |
| 2076 | 87,917 | 2,552,014 | 2902.7\% | 0.1310 | 41 |
| 2077 | 64,311 | 1,946,475 | 3026.7\% | 0.1262 | 30 |
| 2078 | 46,603 | 1,419,714 | 3046.4\% | 0.1216 | 22 |
| 2079 | 33,492 | 1,019,642 | 3044.4\% | 0.1171 | 16 |
| 2080 | 23,880 | 725,535 | 3038.3\% | 0.1128 | 12 |
| 2081 | 16,893 | 512,372 | 3033.0\% | 0.1087 | 9 |
| Past | 1,571,631,207 | 39,563,550 | 2.5\% |  |  |
| Future | 2,223,161,369 | 2,470,654,864 | 111.1\% |  |  |
| Lifetime | 3,794,792,576 | 2,510,218,413 | 66.1\% |  |  |

Exhibit 19b: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Full One Time Approval with MAE
Applicable to Policies Not Subject to the Couples Discount Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,611,881 | 0 | 0.0\% | 1.4794 | 4,634 |
| 2012 | 57,730,712 | 20,606 | 0.0\% | 1.4252 | 47,164 |
| 2013 | 129,706,160 | 936,712 | 0.7\% | 1.3730 | 61,521 |
| 2014 | 146,123,991 | 1,333,295 | 0.9\% | 1.3228 | 62,534 |
| 2015 | 144,629,264 | 2,831,355 | 2.0\% | 1.2743 | 61,558 |
| 2016 | 142,319,363 | 4,933,503 | 3.5\% | 1.2277 | 60,720 |
| 2017 | 140,552,877 | 4,304,575 | 3.1\% | 1.1827 | 59,989 |
| 2018 | 138,907,300 | 5,595,079 | 4.0\% | 1.1394 | 59,323 |
| 2019 | 137,447,989 | 6,259,137 | 4.6\% | 1.0977 | 58,753 |
| 2020 | 136,035,180 | 4,654,054 | 3.4\% | 1.0575 | 58,194 |
| 2021 | 134,771,982 | 3,494,723 | 2.6\% | 1.0188 | 57,679 |
| 2022 | 143,109,898 | 28,482,562 | 19.9\% | 0.9815 | 56,856 |
| 2023 | 189,448,512 | 35,929,031 | 19.0\% | 0.9456 | 56,095 |
| 2024 | 186,531,041 | 42,564,973 | 22.8\% | 0.9110 | 55,309 |
| 2025 | 183,428,227 | 49,569,863 | 27.0\% | 0.8776 | 54,462 |
| 2026 | 180,091,851 | 56,485,024 | 31.4\% | 0.8455 | 53,536 |
| 2027 | 176,435,874 | 62,964,242 | 35.7\% | 0.8145 | 52,510 |
| 2028 | 172,405,029 | 70,092,154 | 40.7\% | 0.7847 | 51,361 |
| 2029 | 167,918,668 | 78,392,567 | 46.7\% | 0.7560 | 50,065 |
| 2030 | 162,895,815 | 88,607,180 | 54.4\% | 0.7283 | 48,596 |
| 2031 | 157,281,770 | 100,457,419 | 63.9\% | 0.7017 | 46,950 |
| 2032 | 151,069,095 | 111,560,291 | 73.8\% | 0.6760 | 45,173 |
| 2033 | 144,464,977 | 123,820,631 | 85.7\% | 0.6512 | 43,309 |
| 2034 | 137,601,315 | 137,701,380 | 100.1\% | 0.6274 | 41,371 |
| 2035 | 130,531,597 | 150,464,501 | 115.3\% | 0.6044 | 39,370 |
| 2036 | 123,302,026 | 161,966,245 | 131.4\% | 0.5823 | 37,317 |
| 2037 | 115,956,795 | 172,190,540 | 148.5\% | 0.5610 | 35,218 |
| 2038 | 108,523,494 | 182,133,994 | 167.8\% | 0.5404 | 33,082 |
| 2039 | 101,039,302 | 192,468,078 | 190.5\% | 0.5207 | 30,921 |
| 2040 | 93,558,579 | 200,312,663 | 214.1\% | 0.5016 | 28,752 |
| 2041 | 86,153,685 | 206,189,632 | 239.3\% | 0.4832 | 26,595 |
| 2042 | 78,894,378 | 210,822,499 | 267.2\% | 0.4655 | 24,463 |
| 2043 | 71,815,200 | 213,391,350 | 297.1\% | 44.8\% | 22,367 |
| 2044 | 64,955,276 | 213,781,732 | 329.1\% | 0.4321 | 20,325 |
| 2045 | 58,368,019 | 210,237,572 | 360.2\% | 0.4163 | 18,355 |
| 2046 | 52,112,105 | 204,485,520 | 392.4\% | 0.4010 | 16,476 |
| 2047 | 46,239,116 | 198,486,294 | 429.3\% | 0.3863 | 14,696 |
| 2048 | 40,758,664 | 190,410,771 | 467.2\% | 0.3722 | 13,021 |
| 2049 | 35,675,035 | 179,985,649 | 504.5\% | 0.3586 | 11,457 |
| 2050 | 31,001,311 | 167,395,394 | 540.0\% | 0.3454 | 10,015 |
| 2051 | 26,757,079 | 153,750,660 | 574.6\% | 0.3328 | 8,698 |
| 2052 | 22,945,184 | 141,142,996 | 615.1\% | 0.3206 | 7,506 |
| 2053 | 19,542,742 | 128,790,290 | 659.0\% | 0.3089 | 6,433 |
| 2054 | 16,525,811 | 116,302,446 | 703.8\% | 0.2976 | 5,475 |
| 2055 | 13,874,674 | 104,233,408 | 751.2\% | 0.2867 | 4,630 |
| 2056 | 11,570,775 | 92,337,564 | 798.0\% | 0.2762 | 3,892 |
| 2057 | 9,590,895 | 80,098,192 | 835.1\% | 0.2661 | 3,252 |
| 2058 | 7,900,769 | 68,566,464 | 867.8\% | 0.2563 | 2,702 |
| 2059 | 6,467,327 | 59,123,343 | 914.2\% | 0.2469 | 2,231 |
| 2060 | 5,261,629 | 51,142,109 | 972.0\% | 0.2379 | 1,832 |
| 2061 | 4,255,869 | 44,124,782 | 1036.8\% | 0.2292 | 1,497 |
| 2062 | 3,422,902 | 37,950,540 | 1108.7\% | 0.2208 | 1,216 |
| 2063 | 2,737,424 | 32,409,615 | 1183.9\% | 0.2127 | 983 |
| 2064 | 2,177,787 | 27,490,343 | 1262.3\% | 0.2049 | 791 |
| 2065 | 1,723,918 | 23,362,346 | 1355.2\% | 0.1974 | 634 |
| 2066 | 1,357,795 | 19,844,854 | 1461.6\% | 0.1902 | 506 |
| 2067 | 1,064,440 | 16,698,092 | 1568.7\% | 0.1832 | 403 |
| 2068 | 831,104 | 13,879,688 | 1670.0\% | 0.1765 | 319 |
| 2069 | 646,541 | 11,614,267 | 1796.4\% | 0.1701 | 252 |
| 2070 | 500,820 | 9,620,301 | 1920.9\% | 0.1638 | 198 |
| 2071 | 385,826 | 7,838,764 | 2031.7\% | 0.1578 | 155 |
| 2072 | 295,270 | 6,399,533 | 2167.3\% | 0.1521 | 120 |
| 2073 | 224,243 | 5,190,054 | 2314.5\% | 0.1465 | 93 |
| 2074 | 168,909 | 4,132,620 | 2446.6\% | 0.1411 | 71 |
| 2075 | 126,108 | 3,262,770 | 2587.3\% | 0.1360 | 54 |
| 2076 | 93,203 | 2,553,592 | 2739.8\% | 0.1310 | 41 |
| 2077 | 68,177 | 1,947,591 | 2856.7\% | 0.1262 | 30 |
| 2078 | 49,405 | 1,420,475 | 2875.1\% | 0.1216 | 22 |
| 2079 | 35,506 | 1,020,153 | 2873.2\% | 0.1171 | 16 |
| 2080 | 25,316 | 725,877 | 2867.3\% | 0.1128 | 12 |
| 2081 | 17,909 | 512,600 | 2862.2\% | 0.1087 | 9 |
| Past | 1,571,631,207 | 39,563,550 | 2.5\% |  |  |
| Future | 2,380,466,725 | 2,486,554,584 | 104.5\% |  |  |
| Lifetime | 3,952,097,932 | 2,526,118,133 | 63.9\% |  |  |

Exhibit 19c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with MAE
Applicable to Policies Not Subject to the Couples Discount Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,611,881 | 0 | 0.0\% | 1.4794 | 4,634 |
| 2012 | 57,730,712 | 20,606 | 0.0\% | 1.4252 | 47,164 |
| 2013 | 129,706,160 | 933,524 | 0.7\% | 1.3730 | 61,521 |
| 2014 | 146,123,991 | 1,253,294 | 0.9\% | 1.3228 | 62,534 |
| 2015 | 144,629,264 | 2,636,532 | 1.8\% | 1.2743 | 61,558 |
| 2016 | 142,319,363 | 4,389,350 | 3.1\% | 1.2277 | 60,720 |
| 2017 | 140,552,877 | 4,251,133 | 3.0\% | 1.1827 | 59,989 |
| 2018 | 138,907,300 | 5,388,285 | 3.9\% | 1.1394 | 59,323 |
| 2019 | 137,447,989 | 5,282,906 | 3.8\% | 1.0977 | 58,753 |
| 2020 | 136,035,180 | 4,395,516 | 3.2\% | 1.0575 | 58,194 |
| 2021 | 134,771,982 | 3,339,228 | 2.5\% | 1.0188 | 57,679 |
| 2022 | 122,453,271 | 29,319,044 | 23.9\% | 0.9815 | 56,826 |
| 2023 | 167,976,045 | 39,002,009 | 23.2\% | 0.9456 | 56,063 |
| 2024 | 175,821,914 | 49,186,675 | 28.0\% | 0.9110 | 55,285 |
| 2025 | 172,914,051 | 60,922,785 | 35.2\% | 0.8776 | 54,448 |
| 2026 | 169,782,758 | 73,761,114 | 43.4\% | 0.8455 | 53,538 |
| 2027 | 166,360,199 | 87,096,932 | 52.4\% | 0.8145 | 52,539 |
| 2028 | 162,608,048 | 101,646,787 | 62.5\% | 0.7847 | 51,436 |
| 2029 | 158,485,187 | 117,953,983 | 74.4\% | 0.7560 | 50,217 |
| 2030 | 153,940,193 | 135,654,237 | 88.1\% | 0.7283 | 48,863 |
| 2031 | 148,962,589 | 153,928,899 | 103.3\% | 0.7017 | 47,371 |
| 2032 | 143,538,651 | 171,784,918 | 119.7\% | 0.6760 | 45,754 |
| 2033 | 137,740,329 | 191,155,227 | 138.8\% | 0.6512 | 44,027 |
| 2034 | 131,623,451 | 212,735,712 | 161.6\% | 0.6274 | 42,198 |
| 2035 | 125,225,198 | 232,890,919 | 186.0\% | 0.6044 | 40,276 |
| 2036 | 118,599,933 | 253,162,353 | 213.5\% | 0.5823 | 38,271 |
| 2037 | 111,768,778 | 273,751,143 | 244.9\% | 0.5610 | 36,183 |
| 2038 | 104,756,530 | 293,919,603 | 280.6\% | 0.5404 | 34,025 |
| 2039 | 97,605,044 | 313,693,131 | 321.4\% | 0.5207 | 31,810 |
| 2040 | 90,369,658 | 328,045,995 | 363.0\% | 0.5016 | 29,557 |
| 2041 | 83,130,660 | 338,414,478 | 407.1\% | 0.4832 | 27,291 |
| 2042 | 75,969,582 | 346,074,622 | 455.5\% | 0.4655 | 25,033 |
| 2043 | 68,941,981 | 349,506,408 | 507.0\% | 44.8\% | 22,799 |
| 2044 | 62,099,388 | 348,758,929 | 561.6\% | 0.4321 | 20,619 |
| 2045 | 55,530,906 | 341,288,909 | 614.6\% | 0.4163 | 18,525 |
| 2046 | 49,316,801 | 330,436,402 | 670.0\% | 0.4010 | 16,536 |
| 2047 | 43,514,767 | 319,166,657 | 733.5\% | 0.3863 | 14,665 |
| 2048 | 38,134,320 | 304,291,081 | 797.9\% | 0.3722 | 12,915 |
| 2049 | 33,177,730 | 285,576,582 | 860.7\% | 0.3586 | 11,293 |
| 2050 | 28,654,003 | 263,760,508 | 920.5\% | 0.3454 | 9,807 |
| 2051 | 24,576,641 | 240,940,789 | 980.4\% | 0.3328 | 8,462 |
| 2052 | 20,944,249 | 220,131,576 | 1051.0\% | 0.3206 | 7,254 |
| 2053 | 17,729,983 | 199,910,328 | 1127.5\% | 0.3089 | 6,177 |
| 2054 | 14,904,861 | 179,499,091 | 1204.3\% | 0.2976 | 5,224 |
| 2055 | 12,443,672 | 159,895,873 | 1285.0\% | 0.2867 | 4,391 |
| 2056 | 10,322,902 | 141,004,442 | 1365.9\% | 0.2762 | 3,670 |
| 2057 | 8,515,179 | 121,879,801 | 1431.3\% | 0.2661 | 3,051 |
| 2058 | 6,984,237 | 104,014,273 | 1489.3\% | 0.2563 | 2,523 |
| 2059 | 5,695,691 | 89,349,735 | 1568.7\% | 0.2469 | 2,075 |
| 2060 | 4,619,103 | 77,030,829 | 1667.7\% | 0.2379 | 1,698 |
| 2061 | 3,726,388 | 66,252,014 | 1777.9\% | 0.2292 | 1,383 |
| 2062 | 2,990,808 | 56,798,624 | 1899.1\% | 0.2208 | 1,121 |
| 2063 | 2,388,369 | 48,308,482 | 2022.7\% | 0.2127 | 906 |
| 2064 | 1,898,791 | 40,750,085 | 2146.1\% | 0.2049 | 729 |
| 2065 | 1,503,198 | 34,302,984 | 2282.0\% | 0.1974 | 584 |
| 2066 | 1,184,828 | 28,748,186 | 2426.4\% | 0.1902 | 466 |
| 2067 | 929,769 | 23,833,524 | 2563.4\% | 0.1832 | 371 |
| 2068 | 726,440 | 19,547,999 | 2690.9\% | 0.1765 | 294 |
| 2069 | 565,218 | 16,196,378 | 2865.5\% | 0.1701 | 232 |
| 2070 | 437,520 | 13,308,162 | 3041.7\% | 0.1638 | 182 |
| 2071 | 336,526 | 10,759,137 | 3197.1\% | 0.1578 | 142 |
| 2072 | 256,892 | 8,688,004 | 3382.0\% | 0.1521 | 110 |
| 2073 | 194,531 | 6,944,060 | 3569.6\% | 0.1465 | 84 |
| 2074 | 146,123 | 5,454,065 | 3732.5\% | 0.1411 | 64 |
| 2075 | 108,911 | 4,244,824 | 3897.5\% | 0.1360 | 49 |
| 2076 | 80,481 | 3,271,840 | 4065.4\% | 0.1310 | 37 |
| 2077 | 58,918 | 2,471,194 | 4194.3\% | 0.1262 | 27 |
| 2078 | 42,744 | 1,792,552 | 4193.7\% | 0.1216 | 20 |
| 2079 | 30,737 | 1,290,707 | 4199.2\% | 0.1171 | 15 |
| 2080 | 21,903 | 925,677 | 4226.2\% | 0.1128 | 11 |
| 2081 | 15,461 | 660,778 | 4273.9\% | 0.1087 | 8 |
| Past | 1,571,631,207 | 36,734,731 | 2.3\% |  |  |
| Future | 2,233,931,702 | 3,840,447,014 | 171.9\% |  |  |
| Lifetime | 3,805,562,909 | 3,877,181,744 | 101.9\% |  |  |

## Genworth Life Insurance Company

## Exhibit 18: Flex 1 Policy Forms - Nationwide Experience Applicable to Policies Subject to the Couples Discount Limited High BIO PPV Calculations

|  | Lifetime High BIO |
| :---: | :---: |
| Total rate increase \% | 59.3\% |
| Catch-up |  |
| AV(Premium Requested Past) | 223,839,051 |
| AV(Premium Approved Past) | 223,839,051 |
| PV(Premium Requested Future) | 277,210,130 |
| PV(Premium Approved Future) | 277,210,130 |
| PVcurrent(Future Earned Premium) | 278,126,392 |
| Catch-up rate increase \% | 0.0\% |
| Base |  |
| PV(Current Year CFT Future Earned Premium) | 278,126,392 |
| PV(Filing Year CFT Future Earned Premium) | 277,210,130 |
| Inc in Earned Premium | 916,262 |
| PV(Current Year CFT Future Incurred Claims) | 513,552,743 |
| PV(Filing Year CFT Future Incurred Claims) | 324,214,885 |
| Inc in Incurred Claims | 140,705,625 |
| PVcurrent(Future Earned Premium) | 278,126,392 |
| Cumulative rate increase | 0.0\% |
| Base rate increase \% | 59.3\% |

Exhibit 19a: Flex 1 Policy Forms - Nationwide Experience Prior Assumptions With Virginia Approved Rate Increase with MAE

Applicable to Policies Subject to the Couples Discount
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 569,076 | 20,606 | 3.6\% | 1.4252 | 1,387 |
| 2013 | 12,157,491 | 936,712 | 7.7\% | 1.3730 | 8,355 |
| 2014 | 22,133,430 | 1,333,295 | 6.0\% | 1.3228 | 9,825 |
| 2015 | 23,089,515 | 2,831,355 | 12.3\% | 1.2743 | 9,693 |
| 2016 | 22,689,416 | 4,933,503 | 21.7\% | 1.2277 | 9,538 |
| 2017 | 22,341,022 | 4,304,575 | 19.3\% | 1.1827 | 9,420 |
| 2018 | 22,012,767 | 5,595,079 | 25.4\% | 1.1394 | 9,290 |
| 2019 | 21,745,889 | 5,914,232 | 27.2\% | 1.0977 | 9,194 |
| 2020 | 21,491,142 | 4,132,883 | 19.2\% | 1.0575 | 9,093 |
| 2021 | 21,273,885 | 1,602,906 | 7.5\% | 1.0188 | 9,008 |
| 2022 | 20,736,670 | 2,638,625 | 12.7\% | 0.9815 | 8,894 |
| 2023 | 20,483,652 | 3,215,579 | 15.7\% | 0.9456 | 8,786 |
| 2024 | 20,206,792 | 3,922,495 | 19.4\% | 0.9110 | 8,677 |
| 2025 | 19,943,032 | 4,738,208 | 23.8\% | 0.8776 | 8,565 |
| 2026 | 19,660,011 | 5,606,239 | 28.5\% | 0.8455 | 8,440 |
| 2027 | 19,348,275 | 6,471,146 | 33.4\% | 0.8145 | 8,304 |
| 2028 | 19,002,140 | 7,273,503 | 38.3\% | 0.7847 | 8,151 |
| 2029 | 18,614,916 | 8,203,458 | 44.1\% | 0.7560 | 7,979 |
| 2030 | 18,180,449 | 9,487,593 | 52.2\% | 0.7283 | 7,784 |
| 2031 | 17,688,963 | 11,027,444 | 62.3\% | 0.7017 | 7,562 |
| 2032 | 17,131,226 | 12,569,381 | 73.4\% | 0.6760 | 7,315 |
| 2033 | 16,512,513 | 14,057,268 | 85.1\% | 0.6512 | 7,049 |
| 2034 | 15,854,203 | 15,802,929 | 99.7\% | 0.6274 | 6,770 |
| 2035 | 15,167,587 | 17,761,587 | 117.1\% | 0.6044 | 6,479 |
| 2036 | 14,456,524 | 19,620,967 | 135.7\% | 0.5823 | 6,178 |
| 2037 | 13,724,901 | 21,391,788 | 155.9\% | 0.5610 | 5,869 |
| 2038 | 12,976,382 | 23,032,607 | 177.5\% | 0.5404 | 5,551 |
| 2039 | 12,212,788 | 24,680,864 | 202.1\% | 0.5207 | 5,226 |
| 2040 | 11,437,983 | 26,317,166 | 230.1\% | 0.5016 | 4,896 |
| 2041 | 10,657,301 | 27,596,330 | 258.9\% | 0.4832 | 4,563 |
| 2042 | 9,877,348 | 28,660,462 | 290.2\% | 0.4655 | 4,231 |
| 2043 | 9,105,203 | 29,590,699 | 325.0\% | 44.8\% | 3,901 |
| 2044 | 8,344,116 | 30,123,222 | 361.0\% | 0.4321 | 3,575 |
| 2045 | 7,599,012 | 30,218,562 | 397.7\% | 0.4163 | 3,255 |
| 2046 | 6,876,329 | 29,725,220 | 432.3\% | 0.4010 | 2,946 |
| 2047 | 6,183,157 | 29,052,736 | 469.9\% | 0.3863 | 2,649 |
| 2048 | 5,525,546 | 28,411,120 | 514.2\% | 0.3722 | 2,367 |
| 2049 | 4,904,857 | 27,409,024 | 558.8\% | 0.3586 | 2,099 |
| 2050 | 4,323,147 | 26,012,159 | 601.7\% | 0.3454 | 1,849 |
| 2051 | 3,783,241 | 24,177,410 | 639.1\% | 0.3328 | 1,617 |
| 2052 | 3,288,170 | 22,217,613 | 675.7\% | 0.3206 | 1,405 |
| 2053 | 2,839,571 | 20,443,477 | 719.9\% | 0.3089 | 1,213 |
| 2054 | 2,435,172 | 18,655,988 | 766.1\% | 0.2976 | 1,039 |
| 2055 | 2,073,133 | 16,876,096 | 814.0\% | 0.2867 | 883 |
| 2056 | 1,752,026 | 15,162,997 | 865.5\% | 0.2762 | 746 |
| 2057 | 1,470,622 | 13,428,519 | 913.1\% | 0.2661 | 626 |
| 2058 | 1,226,784 | 11,622,616 | 947.4\% | 0.2563 | 522 |
| 2059 | 1,016,571 | 9,947,358 | 978.5\% | 0.2469 | 432 |
| 2060 | 836,644 | 8,578,948 | 1025.4\% | 0.2379 | 356 |
| 2061 | 684,045 | 7,417,307 | 1084.3\% | 0.2292 | 291 |
| 2062 | 555,827 | 6,362,962 | 1144.8\% | 0.2208 | 236 |
| 2063 | 448,914 | 5,423,428 | 1208.1\% | 0.2127 | 191 |
| 2064 | 360,423 | 4,587,704 | 1272.9\% | 0.2049 | 153 |
| 2065 | 287,845 | 3,861,819 | 1341.6\% | 0.1974 | 122 |
| 2066 | 228,669 | 3,262,612 | 1426.8\% | 0.1902 | 97 |
| 2067 | 180,726 | 2,748,879 | 1521.0\% | 0.1832 | 77 |
| 2068 | 142,186 | 2,281,831 | 1604.8\% | 0.1765 | 61 |
| 2069 | 111,457 | 1,884,033 | 1690.4\% | 0.1701 | 48 |
| 2070 | 87,073 | 1,552,329 | 1782.8\% | 0.1638 | 37 |
| 2071 | 67,727 | 1,261,703 | 1862.9\% | 0.1578 | 29 |
| 2072 | 52,391 | 1,021,393 | 1949.6\% | 0.1521 | 22 |
| 2073 | 40,270 | 824,529 | 2047.5\% | 0.1465 | 17 |
| 2074 | 30,741 | 664,337 | 2161.1\% | 0.1411 | 13 |
| 2075 | 23,309 | 526,105 | 2257.1\% | 0.1360 | 10 |
| 2076 | 17,539 | 412,466 | 2351.7\% | 0.1310 | 8 |
| 2077 | 13,073 | 325,727 | 2491.7\% | 0.1262 | 6 |
| 2078 | 9,654 | 247,433 | 2562.9\% | 0.1216 | 4 |
| 2079 | 7,068 | 177,198 | 2507.0\% | 0.1171 | 3 |
| 2080 | 5,132 | 126,934 | 2473.5\% | 0.1128 | 2 |
| 2081 | 3,693 | 91,210 | 2470.1\% | 0.1087 | 2 |
| Past | 223,839,051 | 36,706,355 | 16.4\% |  |  |
| Future | 277,210,130 | 324,214,885 | 117.0\% |  |  |
| Lifetime | 501,049,181 | 360,921,240 | 72.0\% |  |  |

Exhibit 19b: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Full One Time Approval with MAE
Applicable to Policies Subject to the Couples Discount Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 569,076 | 20,606 | 3.6\% | 1.4252 | 1,387 |
| 2013 | 12,157,491 | 936,712 | 7.7\% | 1.3730 | 8,355 |
| 2014 | 22,133,430 | 1,333,295 | 6.0\% | 1.3228 | 9,825 |
| 2015 | 23,089,515 | 2,831,355 | 12.3\% | 1.2743 | 9,693 |
| 2016 | 22,689,416 | 4,933,503 | 21.7\% | 1.2277 | 9,538 |
| 2017 | 22,341,022 | 4,304,575 | 19.3\% | 1.1827 | 9,420 |
| 2018 | 22,012,767 | 5,595,079 | 25.4\% | 1.1394 | 9,290 |
| 2019 | 21,745,889 | 5,914,232 | 27.2\% | 1.0977 | 9,194 |
| 2020 | 21,491,142 | 4,132,883 | 19.2\% | 1.0575 | 9,093 |
| 2021 | 21,273,885 | 1,602,906 | 7.5\% | 1.0188 | 9,008 |
| 2022 | 20,736,670 | 2,638,625 | 12.7\% | 0.9815 | 8,894 |
| 2023 | 20,483,652 | 3,215,579 | 15.7\% | 0.9456 | 8,786 |
| 2024 | 20,206,792 | 3,922,495 | 19.4\% | 0.9110 | 8,677 |
| 2025 | 19,943,032 | 4,738,208 | 23.8\% | 0.8776 | 8,565 |
| 2026 | 19,660,011 | 5,606,239 | 28.5\% | 0.8455 | 8,440 |
| 2027 | 19,348,275 | 6,471,146 | 33.4\% | 0.8145 | 8,304 |
| 2028 | 19,002,140 | 7,273,503 | 38.3\% | 0.7847 | 8,151 |
| 2029 | 18,614,916 | 8,203,458 | 44.1\% | 0.7560 | 7,979 |
| 2030 | 18,180,449 | 9,487,593 | 52.2\% | 0.7283 | 7,784 |
| 2031 | 17,688,963 | 11,027,444 | 62.3\% | 0.7017 | 7,562 |
| 2032 | 17,131,226 | 12,569,381 | 73.4\% | 0.6760 | 7,315 |
| 2033 | 16,512,513 | 14,057,268 | 85.1\% | 0.6512 | 7,049 |
| 2034 | 15,854,203 | 15,802,929 | 99.7\% | 0.6274 | 6,770 |
| 2035 | 15,167,587 | 17,761,587 | 117.1\% | 0.6044 | 6,479 |
| 2036 | 14,456,524 | 19,620,967 | 135.7\% | 0.5823 | 6,178 |
| 2037 | 13,724,901 | 21,391,788 | 155.9\% | 0.5610 | 5,869 |
| 2038 | 12,976,382 | 23,032,607 | 177.5\% | 0.5404 | 5,551 |
| 2039 | 12,212,788 | 24,680,864 | 202.1\% | 0.5207 | 5,226 |
| 2040 | 11,437,983 | 26,317,166 | 230.1\% | 0.5016 | 4,896 |
| 2041 | 10,657,301 | 27,596,330 | 258.9\% | 0.4832 | 4,563 |
| 2042 | 9,877,348 | 28,660,462 | 290.2\% | 0.4655 | 4,231 |
| 2043 | 9,105,203 | 29,590,699 | 325.0\% | 44.8\% | 3,901 |
| 2044 | 8,344,116 | 30,123,222 | 361.0\% | 0.4321 | 3,575 |
| 2045 | 7,599,012 | 30,218,562 | 397.7\% | 0.4163 | 3,255 |
| 2046 | 6,876,329 | 29,725,220 | 432.3\% | 0.4010 | 2,946 |
| 2047 | 6,183,157 | 29,052,736 | 469.9\% | 0.3863 | 2,649 |
| 2048 | 5,525,546 | 28,411,120 | 514.2\% | 0.3722 | 2,367 |
| 2049 | 4,904,857 | 27,409,024 | 558.8\% | 0.3586 | 2,099 |
| 2050 | 4,323,147 | 26,012,159 | 601.7\% | 0.3454 | 1,849 |
| 2051 | 3,783,241 | 24,177,410 | 639.1\% | 0.3328 | 1,617 |
| 2052 | 3,288,170 | 22,217,613 | 675.7\% | 0.3206 | 1,405 |
| 2053 | 2,839,571 | 20,443,477 | 719.9\% | 0.3089 | 1,213 |
| 2054 | 2,435,172 | 18,655,988 | 766.1\% | 0.2976 | 1,039 |
| 2055 | 2,073,133 | 16,876,096 | 814.0\% | 0.2867 | 883 |
| 2056 | 1,752,026 | 15,162,997 | 865.5\% | 0.2762 | 746 |
| 2057 | 1,470,622 | 13,428,519 | 913.1\% | 0.2661 | 626 |
| 2058 | 1,226,784 | 11,622,616 | 947.4\% | 0.2563 | 522 |
| 2059 | 1,016,571 | 9,947,358 | 978.5\% | 0.2469 | 432 |
| 2060 | 836,644 | 8,578,948 | 1025.4\% | 0.2379 | 356 |
| 2061 | 684,045 | 7,417,307 | 1084.3\% | 0.2292 | 291 |
| 2062 | 555,827 | 6,362,962 | 1144.8\% | 0.2208 | 236 |
| 2063 | 448,914 | 5,423,428 | 1208.1\% | 0.2127 | 191 |
| 2064 | 360,423 | 4,587,704 | 1272.9\% | 0.2049 | 153 |
| 2065 | 287,845 | 3,861,819 | 1341.6\% | 0.1974 | 122 |
| 2066 | 228,669 | 3,262,612 | 1426.8\% | 0.1902 | 97 |
| 2067 | 180,726 | 2,748,879 | 1521.0\% | 0.1832 | 77 |
| 2068 | 142,186 | 2,281,831 | 1604.8\% | 0.1765 | 61 |
| 2069 | 111,457 | 1,884,033 | 1690.4\% | 0.1701 | 48 |
| 2070 | 87,073 | 1,552,329 | 1782.8\% | 0.1638 | 37 |
| 2071 | 67,727 | 1,261,703 | 1862.9\% | 0.1578 | 29 |
| 2072 | 52,391 | 1,021,393 | 1949.6\% | 0.1521 | 22 |
| 2073 | 40,270 | 824,529 | 2047.5\% | 0.1465 | 17 |
| 2074 | 30,741 | 664,337 | 2161.1\% | 0.1411 | 13 |
| 2075 | 23,309 | 526,105 | 2257.1\% | 0.1360 | 10 |
| 2076 | 17,539 | 412,466 | 2351.7\% | 0.1310 | 8 |
| 2077 | 13,073 | 325,727 | 2491.7\% | 0.1262 | 6 |
| 2078 | 9,654 | 247,433 | 2562.9\% | 0.1216 | 4 |
| 2079 | 7,068 | 177,198 | 2507.0\% | 0.1171 | 3 |
| 2080 | 5,132 | 126,934 | 2473.5\% | 0.1128 | 2 |
| 2081 | 3,693 | 91,210 | 2470.1\% | 0.1087 | 2 |
| Past | 223,839,051 | 36,706,355 | 16.4\% |  |  |
| Future | 277,210,130 | 324,214,885 | 117.0\% |  |  |
| Lifetime | 501,049,181 | 360,921,240 | 72.0\% |  |  |

Exhibit 19c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with MAE
Applicable to Policies Subject to the Couples Discount
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 569,076 | 0 | 0.0\% | 1.4252 | 1,387 |
| 2013 | 12,157,491 | 3,188 | 0.0\% | 1.3730 | 8,355 |
| 2014 | 22,133,430 | 80,000 | 0.4\% | 1.3228 | 9,825 |
| 2015 | 23,089,515 | 194,823 | 0.8\% | 1.2743 | 9,693 |
| 2016 | 22,689,416 | 544,153 | 2.4\% | 1.2277 | 9,538 |
| 2017 | 22,341,022 | 53,442 | 0.2\% | 1.1827 | 9,420 |
| 2018 | 22,012,767 | 206,794 | 0.9\% | 1.1394 | 9,290 |
| 2019 | 21,745,889 | 1,020,047 | 4.7\% | 1.0977 | 9,194 |
| 2020 | 21,491,142 | 324,746 | 1.5\% | 1.0575 | 9,093 |
| 2021 | 21,273,885 | 392,387 | 1.8\% | 1.0188 | 9,008 |
| 2022 | 20,728,604 | 2,772,768 | 13.4\% | 0.9815 | 8,888 |
| 2023 | 20,462,219 | 3,585,310 | 17.5\% | 0.9456 | 8,775 |
| 2024 | 20,179,248 | 4,612,839 | 22.9\% | 0.9110 | 8,665 |
| 2025 | 19,913,561 | 5,892,515 | 29.6\% | 0.8776 | 8,551 |
| 2026 | 19,628,192 | 7,393,916 | 37.7\% | 0.8455 | 8,427 |
| 2027 | 19,314,336 | 9,090,125 | 47.1\% | 0.8145 | 8,290 |
| 2028 | 18,967,428 | 10,887,107 | 57.4\% | 0.7847 | 8,139 |
| 2029 | 18,582,958 | 12,844,113 | 69.1\% | 0.7560 | 7,972 |
| 2030 | 18,157,814 | 15,064,655 | 83.0\% | 0.7283 | 7,788 |
| 2031 | 17,688,619 | 17,466,680 | 98.7\% | 0.7017 | 7,583 |
| 2032 | 17,171,293 | 19,938,111 | 116.1\% | 0.6760 | 7,359 |
| 2033 | 16,605,694 | 22,383,127 | 134.8\% | 0.6512 | 7,116 |
| 2034 | 15,999,227 | 25,124,165 | 157.0\% | 0.6274 | 6,857 |
| 2035 | 15,356,528 | 28,122,554 | 183.1\% | 0.6044 | 6,582 |
| 2036 | 14,681,427 | 31,199,434 | 212.5\% | 0.5823 | 6,293 |
| 2037 | 13,975,201 | 34,444,138 | 246.5\% | 0.5610 | 5,990 |
| 2038 | 13,240,207 | 37,569,360 | 283.8\% | 0.5404 | 5,674 |
| 2039 | 12,479,251 | 40,648,449 | 325.7\% | 0.5207 | 5,346 |
| 2040 | 11,696,454 | 43,574,622 | 372.5\% | 0.5016 | 5,008 |
| 2041 | 10,897,872 | 45,812,594 | 420.4\% | 0.4832 | 4,664 |
| 2042 | 10,091,163 | 47,623,568 | 471.9\% | 0.4655 | 4,316 |
| 2043 | 9,285,232 | 49,132,667 | 529.1\% | 44.8\% | 3,968 |
| 2044 | 8,485,274 | 49,891,694 | 588.0\% | 0.4321 | 3,622 |
| 2045 | 7,698,323 | 49,832,074 | 647.3\% | 0.4163 | 3,283 |
| 2046 | 6,935,712 | 48,791,701 | 703.5\% | 0.4010 | 2,956 |
| 2047 | 6,207,077 | 47,468,051 | 764.7\% | 0.3863 | 2,644 |
| 2048 | 5,519,223 | 46,183,483 | 836.8\% | 0.3722 | 2,349 |
| 2049 | 4,873,564 | 44,268,793 | 908.3\% | 0.3586 | 2,071 |
| 2050 | 4,272,042 | 41,704,691 | 976.2\% | 0.3454 | 1,813 |
| 2051 | 3,717,300 | 38,493,915 | 1035.5\% | 0.3328 | 1,576 |
| 2052 | 3,211,930 | 35,170,036 | 1095.0\% | 0.3206 | 1,360 |
| 2053 | 2,757,076 | 32,215,871 | 1168.5\% | 0.3089 | 1,166 |
| 2054 | 2,350,095 | 29,280,584 | 1245.9\% | 0.2976 | 992 |
| 2055 | 1,988,638 | 26,358,565 | 1325.5\% | 0.2867 | 838 |
| 2056 | 1,670,820 | 23,569,629 | 1410.7\% | 0.2762 | 703 |
| 2057 | 1,394,736 | 20,795,803 | 1491.0\% | 0.2661 | 587 |
| 2058 | 1,157,518 | 17,965,561 | 1552.1\% | 0.2563 | 486 |
| 2059 | 954,801 | 15,346,063 | 1607.3\% | 0.2469 | 401 |
| 2060 | 782,783 | 13,205,437 | 1687.0\% | 0.2379 | 328 |
| 2061 | 637,992 | 11,393,626 | 1785.9\% | 0.2292 | 268 |
| 2062 | 517,096 | 9,760,617 | 1887.6\% | 0.2208 | 217 |
| 2063 | 416,834 | 8,312,884 | 1994.3\% | 0.2127 | 175 |
| 2064 | 334,250 | 7,012,839 | 2098.1\% | 0.2049 | 140 |
| 2065 | 266,826 | 5,873,683 | 2201.3\% | 0.1974 | 112 |
| 2066 | 212,068 | 4,922,913 | 2321.4\% | 0.1902 | 89 |
| 2067 | 167,759 | 4,100,111 | 2444.0\% | 0.1832 | 71 |
| 2068 | 132,140 | 3,368,700 | 2549.3\% | 0.1765 | 56 |
| 2069 | 103,659 | 2,755,765 | 2658.5\% | 0.1701 | 44 |
| 2070 | 80,983 | 2,257,438 | 2787.5\% | 0.1638 | 34 |
| 2071 | 62,942 | 1,824,834 | 2899.2\% | 0.1578 | 26 |
| 2072 | 48,607 | 1,463,744 | 3011.4\% | 0.1521 | 20 |
| 2073 | 37,259 | 1,169,717 | 3139.4\% | 0.1465 | 16 |
| 2074 | 28,347 | 933,199 | 3292.0\% | 0.1411 | 12 |
| 2075 | 21,418 | 734,081 | 3427.5\% | 0.1360 | 9 |
| 2076 | 16,068 | 571,653 | 3557.6\% | 0.1310 | 7 |
| 2077 | 11,948 | 445,498 | 3728.8\% | 0.1262 | 5 |
| 2078 | 8,809 | 335,309 | 3806.4\% | 0.1216 | 4 |
| 2079 | 6,435 | 241,386 | 3750.8\% | 0.1171 | 3 |
| 2080 | 4,663 | 172,470 | 3698.8\% | 0.1128 | 2 |
| 2081 | 3,348 | 123,560 | 3690.5\% | 0.1087 | 1 |
| Past | 223,839,051 | 3,188,285 | 1.4\% |  |  |
| Future | 278,126,392 | 513,552,743 | 184.6\% |  |  |
| Lifetime | 501,965,443 | 516,741,028 | 102.9\% |  |  |

Exhibit 22a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO With Virginia Approved Rate Increase* without MAE
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 | 2,907 |
| 2023 | 10,403,086 | 2,898,703 | 27.9\% | 0.9456 | 2,878 |
| 2024 | 10,907,547 | 3,348,707 | 30.7\% | 0.9110 | 2,848 |
| 2025 | 10,757,438 | 3,832,568 | 35.6\% | 0.8776 | 2,816 |
| 2026 | 10,595,913 | 4,364,885 | 41.2\% | 0.8455 | 2,781 |
| 2027 | 10,416,816 | 4,921,878 | 47.2\% | 0.8145 | 2,744 |
| 2028 | 10,214,225 | 5,586,375 | 54.7\% | 0.7847 | 2,703 |
| 2029 | 10,001,718 | 6,372,900 | 63.7\% | 0.7560 | 2,657 |
| 2030 | 9,770,935 | 7,201,111 | 73.7\% | 0.7283 | 2,605 |
| 2031 | 9,520,495 | 8,005,597 | 84.1\% | 0.7017 | 2,548 |
| 2032 | 9,243,335 | 8,804,739 | 95.3\% | 0.6760 | 2,485 |
| 2033 | 8,949,258 | 9,911,466 | 110.8\% | 0.6512 | 2,418 |
| 2034 | 8,635,906 | 11,273,139 | 130.5\% | 0.6274 | 2,345 |
| 2035 | 8,304,260 | 12,557,221 | 151.2\% | 0.6044 | 2,267 |
| 2036 | 7,956,081 | 13,718,797 | 172.4\% | 0.5823 | 2,184 |
| 2037 | 7,592,936 | 14,760,215 | 194.4\% | 0.5610 | 2,097 |
| 2038 | 7,214,921 | 15,986,641 | 221.6\% | 0.5404 | 2,005 |
| 2039 | 6,823,097 | 17,367,854 | 254.5\% | 0.5207 | 1,910 |
| 2040 | 6,423,590 | 18,483,632 | 287.7\% | 0.5016 | 1,810 |
| 2041 | 6,017,281 | 19,444,216 | 323.1\% | 0.4832 | 1,708 |
| 2042 | 5,606,707 | 20,208,224 | 360.4\% | 0.4655 | 1,604 |
| 2043 | 5,193,924 | 20,826,275 | 401.0\% | 0.4485 | 1,498 |
| 2044 | 4,784,381 | 21,400,998 | 447.3\% | 0.4321 | 1,391 |
| 2045 | 4,383,210 | 21,601,933 | 492.8\% | 0.4163 | 1,286 |
| 2046 | 3,993,476 | 21,714,972 | 543.8\% | 0.4010 | 1,183 |
| 2047 | 3,619,253 | 21,714,722 | 600.0\% | 0.3863 | 1,082 |
| 2048 | 3,261,311 | 21,273,503 | 652.3\% | 0.3722 | 985 |
| 2049 | 2,920,455 | 20,528,557 | 702.9\% | 0.3586 | 891 |
| 2050 | 2,598,217 | 19,542,070 | 752.1\% | 0.3454 | 802 |
| 2051 | 2,300,016 | 18,609,670 | 809.1\% | 0.3328 | 718 |
| 2052 | 2,024,856 | 17,828,269 | 880.5\% | 0.3206 | 640 |
| 2053 | 1,772,410 | 16,927,933 | 955.1\% | 0.3089 | 567 |
| 2054 | 1,542,554 | 15,909,412 | 1031.4\% | 0.2976 | 500 |
| 2055 | 1,334,887 | 14,837,979 | 1111.6\% | 0.2867 | 439 |
| 2056 | 1,149,219 | 13,730,179 | 1194.7\% | 0.2762 | 384 |
| 2057 | 984,680 | 12,396,487 | 1258.9\% | 0.2661 | 334 |
| 2058 | 839,521 | 11,074,305 | 1319.1\% | 0.2563 | 289 |
| 2059 | 712,324 | 10,112,072 | 1419.6\% | 0.2469 | 250 |
| 2060 | 601,527 | 9,307,076 | 1547.2\% | 0.2379 | 215 |
| 2061 | 505,629 | 8,623,425 | 1705.5\% | 0.2292 | 184 |
| 2062 | 423,071 | 7,948,318 | 1878.7\% | 0.2208 | 157 |
| 2063 | 352,490 | 7,273,957 | 2063.6\% | 0.2127 | 134 |
| 2064 | 292,604 | 6,601,068 | 2256.0\% | 0.2049 | 113 |
| 2065 | 241,920 | 5,969,814 | 2467.7\% | 0.1974 | 96 |
| 2066 | 199,152 | 5,355,791 | 2689.3\% | 0.1902 | 80 |
| 2067 | 163,232 | 4,669,763 | 2860.8\% | 0.1832 | 67 |
| 2068 | 133,213 | 4,020,759 | 3018.3\% | 0.1765 | 56 |
| 2069 | 108,222 | 3,538,360 | 3269.5\% | 0.1701 | 46 |
| 2070 | 87,452 | 3,090,101 | 3533.5\% | 0.1638 | 38 |
| 2071 | 70,259 | 2,653,289 | 3776.4\% | 0.1578 | 31 |
| 2072 | 56,101 | 2,240,676 | 3994.0\% | 0.1521 | 25 |
| 2073 | 44,524 | 1,881,717 | 4226.3\% | 0.1465 | 20 |
| 2074 | 35,142 | 1,524,144 | 4337.1\% | 0.1411 | 16 |
| 2075 | 27,578 | 1,217,966 | 4416.5\% | 0.1360 | 13 |
| 2076 | 21,513 | 951,514 | 4423.0\% | 0.1310 | 10 |
| 2077 | 16,679 | 710,406 | 4259.4\% | 0.1262 | 8 |
| 2078 | 12,853 | 530,707 | 4129.2\% | 0.1216 | 6 |
| 2079 | 9,839 | 390,823 | 3972.2\% | 0.1171 | 4 |
| 2080 | 7,477 | 284,210 | 3801.2\% | 0.1128 | 3 |
| 2081 | 5,635 | 208,739 | 3704.2\% | 0.1087 | 2 |


| Accumulated and Present Values as of 12/31/2021 |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $137,649,054$ | $9,044,354$ | $6.6 \%$ |
| Future: | $149,714,289$ | $249,147,868$ | $166.4 \%$ |
| Lifetime: | $287,363,343$ | $258,192,222$ | $89.8 \%$ |
|  |  |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this filing |  |  |  |

Exhibit 22b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime Low BIO With Virginia Approved Rate Increase* without MAE
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,233 | 286,406 | 66.7\% | 0.9815 | 162 |
| 2023 | 592,655 | 328,663 | 55.5\% | 0.9456 | 160 |
| 2024 | 615,723 | 353,221 | 57.4\% | 0.9110 | 158 |
| 2025 | 599,580 | 369,810 | 61.7\% | 0.8776 | 155 |
| 2026 | 581,569 | 382,483 | 65.8\% | 0.8455 | 152 |
| 2027 | 561,760 | 397,998 | 70.8\% | 0.8145 | 148 |
| 2028 | 540,042 | 414,373 | 76.7\% | 0.7847 | 145 |
| 2029 | 516,574 | 433,013 | 83.8\% | 0.7560 | 140 |
| 2030 | 491,481 | 449,830 | 91.5\% | 0.7283 | 136 |
| 2031 | 464,992 | 459,348 | 98.8\% | 0.7017 | 131 |
| 2032 | 437,575 | 471,881 | 107.8\% | 0.6760 | 126 |
| 2033 | 409,975 | 496,054 | 121.0\% | 0.6512 | 120 |
| 2034 | 382,469 | 526,706 | 137.7\% | 0.6274 | 114 |
| 2035 | 355,244 | 550,139 | 154.9\% | 0.6044 | 108 |
| 2036 | 328,500 | 565,039 | 172.0\% | 0.5823 | 102 |
| 2037 | 302,458 | 573,620 | 189.7\% | 0.5610 | 96 |
| 2038 | 277,157 | 585,699 | 211.3\% | 0.5404 | 90 |
| 2039 | 252,717 | 599,322 | 237.2\% | 0.5207 | 83 |
| 2040 | 229,224 | 602,039 | 262.6\% | 0.5016 | 77 |
| 2041 | 206,807 | 597,692 | 289.0\% | 0.4832 | 71 |
| 2042 | 185,589 | 585,134 | 315.3\% | 0.4655 | 65 |
| 2043 | 165,544 | 563,853 | 340.6\% | 0.4485 | 59 |
| 2044 | 146,719 | 537,163 | 366.1\% | 0.4321 | 53 |
| 2045 | 129,213 | 497,865 | 385.3\% | 0.4163 | 47 |
| 2046 | 113,109 | 458,022 | 404.9\% | 0.4010 | 42 |
| 2047 | 98,430 | 422,337 | 429.1\% | 0.3863 | 37 |
| 2048 | 85,089 | 382,925 | 450.0\% | 0.3722 | 32 |
| 2049 | 73,049 | 339,856 | 465.2\% | 0.3586 | 28 |
| 2050 | 62,291 | 294,862 | 473.4\% | 0.3454 | 24 |
| 2051 | 52,771 | 252,025 | 477.6\% | 0.3328 | 21 |
| 2052 | 44,446 | 216,362 | 486.8\% | 0.3206 | 18 |
| 2053 | 37,174 | 186,109 | 500.6\% | 0.3089 | 15 |
| 2054 | 30,869 | 157,563 | 510.4\% | 0.2976 | 12 |
| 2055 | 25,452 | 131,800 | 517.8\% | 0.2867 | 10 |
| 2056 | 20,848 | 108,651 | 521.1\% | 0.2762 | 8 |
| 2057 | 16,975 | 86,653 | 510.5\% | 0.2661 | 7 |
| 2058 | 13,735 | 68,670 | 500.0\% | 0.2563 | 6 |
| 2059 | 11,050 | 55,583 | 503.0\% | 0.2469 | 5 |
| 2060 | 8,841 | 44,819 | 506.9\% | 0.2379 | 4 |
| 2061 | 7,035 | 36,013 | 511.9\% | 0.2292 | 3 |
| 2062 | 5,566 | 28,425 | 510.7\% | 0.2208 | 2 |
| 2063 | 4,381 | 21,936 | 500.7\% | 0.2127 | 2 |
| 2064 | 3,433 | 17,048 | 496.6\% | 0.2049 | 1 |
| 2065 | 2,676 | 13,063 | 488.2\% | 0.1974 | 1 |
| 2066 | 2,072 | 10,000 | 482.6\% | 0.1902 | 1 |
| 2067 | 1,592 | 7,519 | 472.2\% | 0.1832 | 1 |
| 2068 | 1,214 | 5,583 | 460.0\% | 0.1765 | 1 |
| 2069 | 915 | 4,149 | 453.2\% | 0.1701 | 0 |
| 2070 | 683 | 3,089 | 452.5\% | 0.1638 | 0 |
| 2071 | 503 | 2,280 | 453.7\% | 0.1578 | 0 |
| 2072 | 365 | 1,667 | 456.6\% | 0.1521 | 0 |
| 2073 | 263 | 1,179 | 448.7\% | 0.1465 | 0 |
| 2074 | 187 | 819 | 439.0\% | 0.1411 | 0 |
| 2075 | 131 | 568 | 434.6\% | 0.1360 | 0 |
| 2076 | 90 | 388 | 428.2\% | 0.1310 | 0 |
| 2077 | 62 | 257 | 415.0\% | 0.1262 | 0 |
| 2078 | 42 | 169 | 402.9\% | 0.1216 | 0 |
| 2079 | 28 | 110 | 392.1\% | 0.1171 | 0 |
| 2080 | 18 | 69 | 376.6\% | 0.1128 | 0 |
| 2081 | 12 | 43 | 358.7\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 5,577,936 | 260,865 | 4.7\% |  |  |
| Future: | 6,916,741 | 8,463,406 | 122.4\% |  |  |
| Lifetime: | 12,494,677 | 8,724,271 | 69.8\% |  |  |

Exhibit 22c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE

Applicable to Policies Not Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 168,938,349 | 34,721,334 | 20.6\% | 0.9456 | 57,343 |
| 2024 | 176,648,565 | 42,316,421 | 24.0\% | 0.9110 | 56,542 |
| 2025 | 173,613,978 | 50,678,974 | 29.2\% | 0.8776 | 55,689 |
| 2026 | 170,402,860 | 59,847,394 | 35.1\% | 0.8455 | 54,769 |
| 2027 | 166,948,036 | 69,582,782 | 41.7\% | 0.8145 | 53,763 |
| 2028 | 163,204,199 | 80,640,056 | 49.4\% | 0.7847 | 52,658 |
| 2029 | 159,115,607 | 93,421,167 | 58.7\% | 0.7560 | 51,435 |
| 2030 | 154,602,505 | 106,930,742 | 69.2\% | 0.7283 | 50,069 |
| 2031 | 149,648,400 | 120,236,415 | 80.3\% | 0.7017 | 48,557 |
| 2032 | 144,238,658 | 133,905,991 | 92.8\% | 0.6760 | 46,915 |
| 2033 | 138,445,484 | 150,561,891 | 108.8\% | 0.6512 | 45,154 |
| 2034 | 132,317,242 | 169,377,335 | 128.0\% | 0.6274 | 43,281 |
| 2035 | 125,887,478 | 186,738,021 | 148.3\% | 0.6044 | 41,307 |
| 2036 | 119,201,529 | 201,995,250 | 169.5\% | 0.5823 | 39,244 |
| 2037 | 112,310,663 | 214,896,323 | 191.3\% | 0.5610 | 37,102 |
| 2038 | 105,253,970 | 226,808,975 | 215.5\% | 0.5404 | 34,893 |
| 2039 | 98,077,279 | 238,122,431 | 242.8\% | 0.5207 | 32,633 |
| 2040 | 90,840,794 | 245,367,180 | 270.1\% | 0.5016 | 30,343 |
| 2041 | 83,627,882 | 249,857,408 | 298.8\% | 0.4832 | 28,049 |
| 2042 | 76,518,955 | 252,755,795 | 330.3\% | 0.4655 | 25,768 |
| 2043 | 69,560,222 | 253,164,510 | 364.0\% | 0.4485 | 23,518 |
| 2044 | 62,797,841 | 251,251,600 | 400.1\% | 0.4321 | 21,322 |
| 2045 | 56,301,846 | 245,077,123 | 435.3\% | 0.4163 | 19,207 |
| 2046 | 50,142,343 | 236,705,628 | 472.1\% | 0.4010 | 17,195 |
| 2047 | 44,372,590 | 228,138,816 | 514.1\% | 0.3863 | 15,294 |
| 2048 | 39,003,862 | 217,141,146 | 556.7\% | 0.3722 | 13,510 |
| 2049 | 34,039,169 | 203,559,546 | 598.0\% | 0.3586 | 11,851 |
| 2050 | 29,490,339 | 187,925,018 | 637.2\% | 0.3454 | 10,325 |
| 2051 | 25,373,941 | 171,721,557 | 676.8\% | 0.3328 | 8,939 |
| 2052 | 21,691,277 | 157,065,943 | 724.1\% | 0.3206 | 7,688 |
| 2053 | 18,418,892 | 142,966,900 | 776.2\% | 0.3089 | 6,568 |
| 2054 | 15,530,329 | 128,880,105 | 829.9\% | 0.2976 | 5,573 |
| 2055 | 13,002,889 | 115,445,001 | 887.8\% | 0.2867 | 4,698 |
| 2056 | 10,816,109 | 102,455,797 | 947.3\% | 0.2762 | 3,938 |
| 2057 | 8,944,706 | 89,176,748 | 997.0\% | 0.2661 | 3,283 |
| 2058 | 7,353,998 | 76,692,499 | 1042.9\% | 0.2563 | 2,722 |
| 2059 | 6,010,195 | 66,383,939 | 1104.5\% | 0.2469 | 2,244 |
| 2060 | 4,883,617 | 57,673,682 | 1181.0\% | 0.2379 | 1,840 |
| 2061 | 3,946,586 | 49,998,991 | 1266.9\% | 0.2292 | 1,502 |
| 2062 | 3,172,383 | 43,208,377 | 1362.0\% | 0.2208 | 1,220 |
| 2063 | 2,536,694 | 37,053,640 | 1460.7\% | 0.2127 | 987 |
| 2064 | 2,018,957 | 31,528,582 | 1561.6\% | 0.2049 | 795 |
| 2065 | 1,599,867 | 26,778,054 | 1673.8\% | 0.1974 | 638 |
| 2066 | 1,262,059 | 22,650,502 | 1794.7\% | 0.1902 | 510 |
| 2067 | 991,092 | 18,950,506 | 1912.1\% | 0.1832 | 406 |
| 2068 | 774,915 | 15,700,929 | 2026.1\% | 0.1765 | 322 |
| 2069 | 603,462 | 13,141,374 | 2177.7\% | 0.1701 | 255 |
| 2070 | 467,659 | 10,912,878 | 2333.5\% | 0.1638 | 200 |
| 2071 | 360,180 | 8,923,111 | 2477.4\% | 0.1578 | 156 |
| 2072 | 275,388 | 7,288,787 | 2646.7\% | 0.1521 | 121 |
| 2073 | 208,919 | 5,896,136 | 2822.2\% | 0.1465 | 93 |
| 2074 | 157,267 | 4,688,658 | 2981.3\% | 0.1411 | 71 |
| 2075 | 117,514 | 3,698,194 | 3147.0\% | 0.1360 | 54 |
| 2076 | 87,068 | 2,890,537 | 3319.9\% | 0.1310 | 41 |
| 2077 | 63,932 | 2,213,976 | 3463.0\% | 0.1262 | 30 |
| 2078 | 46,534 | 1,631,040 | 3505.0\% | 0.1216 | 22 |
| 2079 | 33,591 | 1,193,006 | 3551.5\% | 0.1171 | 17 |
| 2080 | 24,035 | 869,589 | 3618.0\% | 0.1128 | 12 |
| 2081 | 17,043 | 631,215 | 3703.7\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 2,248,020,952 | 2,911,472,691 | 129.5\% |  |  |
| Lifetime: | 3,860,647,205 | 2,987,470,899 | 77.4\% |  |  |

Exhibit 22d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited Low BIO With Virginia Approved Rate Increase* without MAE
Applicable to Policies Not Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,380,542 | 1,823,455 | 41.6\% | 0.9815 | 2,471 |
| 2023 | 6,172,942 | 2,199,204 | 35.6\% | 0.9456 | 2,415 |
| 2024 | 6,366,685 | 2,512,607 | 39.5\% | 0.9110 | 2,361 |
| 2025 | 6,169,179 | 2,801,001 | 45.4\% | 0.8776 | 2,301 |
| 2026 | 5,957,880 | 3,074,319 | 51.6\% | 0.8455 | 2,236 |
| 2027 | 5,733,321 | 3,334,513 | 58.2\% | 0.8145 | 2,167 |
| 2028 | 5,491,186 | 3,594,608 | 65.5\% | 0.7847 | 2,091 |
| 2029 | 5,229,949 | 3,857,935 | 73.8\% | 0.7560 | 2,010 |
| 2030 | 4,952,577 | 4,081,442 | 82.4\% | 0.7283 | 1,921 |
| 2031 | 4,662,300 | 4,252,402 | 91.2\% | 0.7017 | 1,828 |
| 2032 | 4,361,669 | 4,423,998 | 101.4\% | 0.6760 | 1,730 |
| 2033 | 4,056,071 | 4,640,631 | 114.4\% | 0.6512 | 1,628 |
| 2034 | 3,750,921 | 4,855,138 | 129.4\% | 0.6274 | 1,526 |
| 2035 | 3,449,665 | 4,989,134 | 144.6\% | 0.6044 | 1,422 |
| 2036 | 3,154,146 | 5,049,493 | 160.1\% | 0.5823 | 1,319 |
| 2037 | 2,867,387 | 5,055,454 | 176.3\% | 0.5610 | 1,215 |
| 2038 | 2,590,326 | 5,022,156 | 193.9\% | 0.5404 | 1,114 |
| 2039 | 2,323,601 | 4,948,491 | 213.0\% | 0.5207 | 1,014 |
| 2040 | 2,069,664 | 4,789,777 | 231.4\% | 0.5016 | 917 |
| 2041 | 1,832,279 | 4,583,054 | 250.1\% | 0.4832 | 824 |
| 2042 | 1,611,372 | 4,363,300 | 270.8\% | 0.4655 | 736 |
| 2043 | 1,406,908 | 4,114,596 | 292.5\% | 0.4485 | 653 |
| 2044 | 1,219,151 | 3,831,958 | 314.3\% | 0.4321 | 574 |
| 2045 | 1,048,457 | 3,500,240 | 333.8\% | 0.4163 | 502 |
| 2046 | 895,193 | 3,157,087 | 352.7\% | 0.4010 | 436 |
| 2047 | 759,601 | 2,842,179 | 374.2\% | 0.3863 | 376 |
| 2048 | 640,011 | 2,532,776 | 395.7\% | 0.3722 | 322 |
| 2049 | 535,101 | 2,225,056 | 415.8\% | 0.3586 | 274 |
| 2050 | 443,989 | 1,923,987 | 433.3\% | 0.3454 | 232 |
| 2051 | 365,663 | 1,641,499 | 448.9\% | 0.3328 | 195 |
| 2052 | 299,149 | 1,395,775 | 466.6\% | 0.3206 | 162 |
| 2053 | 243,026 | 1,178,529 | 484.9\% | 0.3089 | 135 |
| 2054 | 195,944 | 985,198 | 502.8\% | 0.2976 | 111 |
| 2055 | 156,758 | 816,624 | 520.9\% | 0.2867 | 91 |
| 2056 | 124,534 | 670,956 | 538.8\% | 0.2762 | 75 |
| 2057 | 98,333 | 541,282 | 550.5\% | 0.2661 | 61 |
| 2058 | 77,164 | 430,954 | 558.5\% | 0.2563 | 49 |
| 2059 | 60,182 | 343,602 | 570.9\% | 0.2469 | 40 |
| 2060 | 46,663 | 275,004 | 589.3\% | 0.2379 | 32 |
| 2061 | 36,013 | 219,474 | 609.4\% | 0.2292 | 26 |
| 2062 | 27,659 | 175,277 | 633.7\% | 0.2208 | 21 |
| 2063 | 21,146 | 138,827 | 656.5\% | 0.2127 | 17 |
| 2064 | 16,092 | 109,180 | 678.5\% | 0.2049 | 14 |
| 2065 | 12,201 | 85,955 | 704.5\% | 0.1974 | 11 |
| 2066 | 9,203 | 67,726 | 735.9\% | 0.1902 | 9 |
| 2067 | 6,902 | 53,188 | 770.7\% | 0.1832 | 7 |
| 2068 | 5,148 | 41,599 | 808.1\% | 0.1765 | 5 |
| 2069 | 3,821 | 32,662 | 854.9\% | 0.1701 | 4 |
| 2070 | 2,817 | 25,256 | 896.5\% | 0.1638 | 3 |
| 2071 | 2,062 | 19,402 | 940.9\% | 0.1578 | 3 |
| 2072 | 1,498 | 14,904 | 995.2\% | 0.1521 | 2 |
| 2073 | 1,080 | 11,408 | 1056.8\% | 0.1465 | 2 |
| 2074 | 773 | 8,672 | 1121.9\% | 0.1411 | 1 |
| 2075 | 548 | 6,537 | 1193.7\% | 0.1360 | 1 |
| 2076 | 384 | 4,891 | 1273.0\% | 0.1310 | 1 |
| 2077 | 268 | 3,601 | 1346.2\% | 0.1262 | 0 |
| 2078 | 184 | 2,485 | 1348.3\% | 0.1216 | 0 |
| 2079 | 125 | 1,714 | 1365.9\% | 0.1171 | 0 |
| 2080 | 85 | 1,178 | 1391.9\% | 0.1128 | 0 |
| 2081 | 57 | 809 | 1431.6\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 59,323,670 | 7,304,318 | 12.3\% |  |  |
| Future: | 68,319,041 | 67,825,903 | 99.3\% |  |  |
| Lifetime: | 127,642,711 | 75,130,221 | 58.9\% |  |  |

Exhibit 23a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO With Virginia Approved Rate Increase* without MAE
Applicable to Policies Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 717 | 18.8\% | 0.9815 | 1 |
| 2023 | 3,775 | 824 | 21.8\% | 0.9456 | 1 |
| 2024 | 3,743 | 957 | 25.6\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,131 | 30.5\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,375 | 37.4\% | 0.8455 | 1 |
| 2027 | 3,636 | 1,857 | 51.1\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,166 | 60.2\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,588 | 72.9\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,054 | 87.4\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,578 | 104.1\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,228 | 125.5\% | 0.6760 | 1 |
| 2033 | 3,296 | 4,837 | 146.7\% | 0.6512 | 1 |
| 2034 | 3,215 | 5,789 | 180.1\% | 0.6274 | 1 |
| 2035 | 3,124 | 6,762 | 216.5\% | 0.6044 | 1 |
| 2036 | 3,024 | 7,697 | 254.5\% | 0.5823 | 1 |
| 2037 | 2,915 | 8,446 | 289.8\% | 0.5610 | 1 |
| 2038 | 2,797 | 9,283 | 331.9\% | 0.5404 | 1 |
| 2039 | 2,668 | 10,205 | 382.4\% | 0.5207 | 1 |
| 2040 | 2,529 | 11,018 | 435.7\% | 0.5016 | 1 |
| 2041 | 2,379 | 11,623 | 488.6\% | 0.4832 | 1 |
| 2042 | 2,220 | 11,621 | 523.4\% | 0.4655 | 1 |
| 2043 | 2,055 | 11,899 | 579.1\% | 0.4485 | 0 |
| 2044 | 1,882 | 11,679 | 620.5\% | 0.4321 | 0 |
| 2045 | 1,705 | 11,196 | 656.8\% | 0.4163 | 0 |
| 2046 | 1,527 | 9,932 | 650.3\% | 0.4010 | 0 |
| 2047 | 1,354 | 8,443 | 623.7\% | 0.3863 | 0 |
| 2048 | 1,186 | 7,822 | 659.7\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,045 | 688.1\% | 0.3586 | 0 |
| 2050 | 871 | 6,239 | 716.1\% | 0.3454 | 0 |
| 2051 | 731 | 5,251 | 718.8\% | 0.3328 | 0 |
| 2052 | 605 | 3,757 | 621.2\% | 0.3206 | 0 |
| 2053 | 493 | 3,067 | 621.8\% | 0.3089 | 0 |
| 2054 | 395 | 2,480 | 628.0\% | 0.2976 | 0 |
| 2055 | 310 | 1,999 | 644.3\% | 0.2867 | 0 |
| 2056 | 239 | 1,564 | 654.6\% | 0.2762 | 0 |
| 2057 | 180 | 1,084 | 602.7\% | 0.2661 | 0 |
| 2058 | 132 | 748 | 567.2\% | 0.2563 | 0 |
| 2059 | 94 | 513 | 544.0\% | 0.2469 | 0 |
| 2060 | 66 | 349 | 527.6\% | 0.2379 | 0 |
| 2061 | 45 | 233 | 512.7\% | 0.2292 | 0 |
| 2062 | 31 | 151 | 493.5\% | 0.2208 | 0 |
| 2063 | 20 | 94 | 465.4\% | 0.2127 | 0 |
| 2064 | 13 | 56 | 424.3\% | 0.2049 | 0 |
| 2065 | 8 | 31 | 366.2\% | 0.1974 | 0 |
| 2066 | 5 | 15 | 291.0\% | 0.1902 | 0 |
| 2067 | 3 | 6 | 202.2\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 111.7\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 45.5\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.2\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 100,585 | 185.3\% |  |  |
| Lifetime: | 96,093 | 100,640 | 104.7\% |  |  |

CONFIDENTIAL
Exhibit 23b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited High BIO With Virginia Approved Rate Increase* without MAE
Applicable to Policies Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,535,829 | 12.2\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,149,715 | 15.3\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 3,892,472 | 19.2\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 4,799,412 | 24.1\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 5,862,955 | 29.8\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,047,808 | 36.4\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 8,298,676 | 43.7\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 9,751,304 | 52.4\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 11,432,776 | 62.8\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 13,195,463 | 74.3\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 15,098,923 | 87.6\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 17,108,708 | 102.6\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 19,459,707 | 121.0\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 22,078,681 | 143.0\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 24,537,408 | 166.3\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 26,773,771 | 190.7\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 28,744,885 | 216.1\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 30,607,858 | 244.1\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 32,325,690 | 275.1\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 33,535,692 | 306.2\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 34,466,701 | 339.6\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 35,237,549 | 377.0\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 35,552,938 | 415.6\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 35,365,014 | 454.8\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 34,520,830 | 491.7\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 33,489,396 | 531.8\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 32,504,613 | 579.1\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 31,098,300 | 625.8\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 29,263,132 | 670.0\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 26,998,501 | 708.4\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 24,673,631 | 747.2\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 22,632,523 | 796.1\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 20,629,189 | 848.9\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 18,652,434 | 904.5\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 16,765,077 | 964.9\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 14,879,018 | 1023.2\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 12,936,879 | 1069.2\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 11,127,809 | 1112.2\% | 0.2469 | 424 |
| 2060 | 822,070 | 9,642,958 | 1173.0\% | 0.2379 | 348 |
| 2061 | 671,368 | 8,378,724 | 1248.0\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,228,507 | 1326.0\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,200,377 | 1408.6\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,268,950 | 1490.5\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,445,096 | 1573.2\% | 0.1974 | 120 |
| 2066 | 224,822 | 3,753,383 | 1669.5\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,148,336 | 1768.4\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,605,967 | 1856.6\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,148,848 | 1949.8\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,774,582 | 2058.7\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,446,310 | 2155.9\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,169,477 | 2253.3\% | 0.1521 | 22 |
| 2073 | 39,869 | 942,365 | 2363.6\% | 0.1465 | 17 |
| 2074 | 30,403 | 758,639 | 2495.2\% | 0.1411 | 13 |
| 2075 | 23,031 | 602,165 | 2614.6\% | 0.1360 | 10 |
| 2076 | 17,332 | 473,890 | 2734.2\% | 0.1310 | 7 |
| 2077 | 12,930 | 373,281 | 2886.9\% | 0.1262 | 5 |
| 2078 | 9,568 | 284,385 | 2972.4\% | 0.1216 | 4 |
| 2079 | 7,017 | 207,684 | 2959.5\% | 0.1171 | 3 |
| 2080 | 5,106 | 150,434 | 2946.2\% | 0.1128 | 2 |
| 2081 | 3,684 | 109,666 | 2977.0\% | 0.1087 | 2 |

Accumulated and Present Values as of 12/31/2021

| Past: | $224,188,814$ | $6,435,742$ | $2.9 \%$ |
| :--- | :--- | ---: | ---: |
| Future: | $279,445,303$ | $380,012,142$ | $136.0 \%$ |
| Lifetime: | $503,634,117$ | $386,447,884$ | $76.7 \%$ |
|  |  |  |  |
| Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this filing |  |  |  |

CONFIDENTIAL
Exhibit 23c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited Low BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 164,150 | 23.7\% | 0.9815 | 367 |
| 2023 | 672,602 | 196,036 | 29.1\% | 0.9456 | 358 |
| 2024 | 653,907 | 231,351 | 35.4\% | 0.9110 | 351 |
| 2025 | 635,011 | 269,902 | 42.5\% | 0.8776 | 343 |
| 2026 | 617,935 | 309,864 | 50.1\% | 0.8455 | 335 |
| 2027 | 599,022 | 349,180 | 58.3\% | 0.8145 | 327 |
| 2028 | 579,054 | 386,022 | 66.7\% | 0.7847 | 317 |
| 2029 | 557,456 | 421,846 | 75.7\% | 0.7560 | 307 |
| 2030 | 534,167 | 457,181 | 85.6\% | 0.7283 | 296 |
| 2031 | 509,260 | 487,933 | 95.8\% | 0.7017 | 284 |
| 2032 | 482,807 | 517,711 | 107.2\% | 0.6760 | 271 |
| 2033 | 455,023 | 549,450 | 120.8\% | 0.6512 | 257 |
| 2034 | 426,573 | 580,489 | 136.1\% | 0.6274 | 243 |
| 2035 | 397,615 | 608,532 | 153.0\% | 0.6044 | 229 |
| 2036 | 368,809 | 626,960 | 170.0\% | 0.5823 | 214 |
| 2037 | 340,388 | 636,983 | 187.1\% | 0.5610 | 200 |
| 2038 | 312,468 | 642,514 | 205.6\% | 0.5404 | 185 |
| 2039 | 285,221 | 640,588 | 224.6\% | 0.5207 | 170 |
| 2040 | 258,794 | 631,309 | 243.9\% | 0.5016 | 156 |
| 2041 | 233,399 | 610,788 | 261.7\% | 0.4832 | 142 |
| 2042 | 209,255 | 585,055 | 279.6\% | 0.4655 | 129 |
| 2043 | 186,575 | 560,497 | 300.4\% | 0.4485 | 116 |
| 2044 | 165,366 | 531,534 | 321.4\% | 0.4321 | 104 |
| 2045 | 145,611 | 498,582 | 342.4\% | 0.4163 | 92 |
| 2046 | 127,422 | 459,579 | 360.7\% | 0.4010 | 81 |
| 2047 | 110,864 | 420,544 | 379.3\% | 0.3863 | 72 |
| 2048 | 95,994 | 384,580 | 400.6\% | 0.3722 | 63 |
| 2049 | 82,637 | 347,461 | 420.5\% | 0.3586 | 54 |
| 2050 | 70,710 | 309,672 | 437.9\% | 0.3454 | 47 |
| 2051 | 60,165 | 271,559 | 451.4\% | 0.3328 | 40 |
| 2052 | 50,947 | 236,691 | 464.6\% | 0.3206 | 34 |
| 2053 | 42,968 | 207,193 | 482.2\% | 0.3089 | 29 |
| 2054 | 36,081 | 179,299 | 496.9\% | 0.2976 | 25 |
| 2055 | 30,165 | 154,209 | 511.2\% | 0.2867 | 21 |
| 2056 | 25,139 | 132,744 | 528.0\% | 0.2762 | 18 |
| 2057 | 20,888 | 113,912 | 545.4\% | 0.2661 | 15 |
| 2058 | 17,316 | 96,152 | 555.3\% | 0.2563 | 12 |
| 2059 | 14,311 | 81,006 | 566.0\% | 0.2469 | 10 |
| 2060 | 11,797 | 68,614 | 581.6\% | 0.2379 | 8 |
| 2061 | 9,692 | 58,249 | 601.0\% | 0.2292 | 7 |
| 2062 | 7,943 | 49,254 | 620.1\% | 0.2208 | 6 |
| 2063 | 6,487 | 41,321 | 636.9\% | 0.2127 | 5 |
| 2064 | 5,284 | 34,620 | 655.2\% | 0.2049 | 4 |
| 2065 | 4,291 | 29,097 | 678.1\% | 0.1974 | 3 |
| 2066 | 3,472 | 24,193 | 696.8\% | 0.1902 | 3 |
| 2067 | 2,797 | 19,967 | 714.0\% | 0.1832 | 2 |
| 2068 | 2,240 | 15,809 | 705.8\% | 0.1765 | 2 |
| 2069 | 1,783 | 12,837 | 719.9\% | 0.1701 | 1 |
| 2070 | 1,407 | 10,265 | 729.6\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,048 | 731.6\% | 0.1578 | 1 |
| 2072 | 850 | 6,187 | 728.0\% | 0.1521 | 1 |
| 2073 | 648 | 4,665 | 719.6\% | 0.1465 | 1 |
| 2074 | 487 | 3,497 | 718.6\% | 0.1411 | 0 |
| 2075 | 361 | 2,593 | 718.6\% | 0.1360 | 0 |
| 2076 | 264 | 1,910 | 723.4\% | 0.1310 | 0 |
| 2077 | 191 | 1,393 | 730.7\% | 0.1262 | 0 |
| 2078 | 135 | 967 | 714.9\% | 0.1216 | 0 |
| 2079 | 95 | 653 | 688.3\% | 0.1171 | 0 |
| 2080 | 66 | 437 | 664.8\% | 0.1128 | 0 |
| 2081 | 45 | 291 | 643.6\% | 0.1087 | 0 |

Accumulated and Present Values as of 12/31/2021

| Past: | $7,557,472$ | 689,346 | $9.1 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $7,796,571$ | $8,295,827$ | $106.4 \%$ |
| Lifetime: | $15,354,042$ | $8,985,173$ | $58.5 \%$ |


| Exhibit 24a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested 132\% Rate Increase* with MAS Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,404,164 | 2,593,696 | 27.6\% | 0.9815 | 2,909 |
| 2023 | 14,978,705 | 3,368,382 | 22.5\% | 0.9456 | 2,882 |
| 2024 | 25,271,535 | 4,371,865 | 17.3\% | 0.9110 | 2,853 |
| 2025 | 24,943,287 | 5,123,430 | 20.5\% | 0.8776 | 2,821 |
| 2026 | 24,582,454 | 5,948,241 | 24.2\% | 0.8455 | 2,787 |
| 2027 | 24,175,704 | 6,802,629 | 28.1\% | 0.8145 | 2,749 |
| 2028 | 23,709,347 | 7,775,831 | 32.8\% | 0.7847 | 2,708 |
| 2029 | 23,216,911 | 8,901,552 | 38.3\% | 0.7560 | 2,661 |
| 2030 | 22,682,078 | 10,132,507 | 44.7\% | 0.7283 | 2,609 |
| 2031 | 22,102,331 | 11,387,400 | 51.5\% | 0.7017 | 2,552 |
| 2032 | 21,459,671 | 12,572,985 | 58.6\% | 0.6760 | 2,488 |
| 2033 | 20,776,939 | 13,972,611 | 67.3\% | 0.6512 | 2,420 |
| 2034 | 20,050,196 | 15,638,586 | 78.0\% | 0.6274 | 2,347 |
| 2035 | 19,282,080 | 17,203,070 | 89.2\% | 0.6044 | 2,270 |
| 2036 | 18,477,191 | 18,755,536 | 101.5\% | 0.5823 | 2,187 |
| 2037 | 17,636,558 | 20,318,339 | 115.2\% | 0.5610 | 2,100 |
| 2038 | 16,759,272 | 22,147,954 | 132.2\% | 0.5404 | 2,008 |
| 2039 | 15,847,630 | 24,191,121 | 152.6\% | 0.5207 | 1,912 |
| 2040 | 14,915,667 | 25,851,090 | 173.3\% | 0.5016 | 1,812 |
| 2041 | 13,965,408 | 27,262,708 | 195.2\% | 0.4832 | 1,709 |
| 2042 | 13,003,050 | 28,344,532 | 218.0\% | 0.4655 | 1,604 |
| 2043 | 12,034,079 | 29,165,323 | 242.4\% | 0.4485 | 1,497 |
| 2044 | 11,071,637 | 29,857,066 | 269.7\% | 0.4321 | 1,389 |
| 2045 | 10,130,014 | 29,991,549 | 296.1\% | 0.4163 | 1,283 |
| 2046 | 9,217,385 | 29,994,283 | 325.4\% | 0.4010 | 1,179 |
| 2047 | 8,342,136 | 29,829,641 | 357.6\% | 0.3863 | 1,078 |
| 2048 | 7,506,428 | 29,056,220 | 387.1\% | 0.3722 | 980 |
| 2049 | 6,712,335 | 27,864,178 | 415.1\% | 0.3586 | 886 |
| 2050 | 5,963,278 | 26,361,324 | 442.1\% | 0.3454 | 796 |
| 2051 | 5,271,549 | 24,949,554 | 473.3\% | 0.3328 | 713 |
| 2052 | 4,634,474 | 23,740,496 | 512.3\% | 0.3206 | 634 |
| 2053 | 4,051,203 | 22,365,865 | 552.1\% | 0.3089 | 562 |
| 2054 | 3,521,253 | 20,824,704 | 591.4\% | 0.2976 | 495 |
| 2055 | 3,043,442 | 19,219,667 | 631.5\% | 0.2867 | 434 |
| 2056 | 2,617,019 | 17,597,792 | 672.4\% | 0.2762 | 379 |
| 2057 | 2,239,741 | 15,713,429 | 701.6\% | 0.2661 | 329 |
| 2058 | 1,907,469 | 13,880,285 | 727.7\% | 0.2563 | 285 |
| 2059 | 1,616,787 | 12,534,992 | 775.3\% | 0.2469 | 246 |
| 2060 | 1,363,962 | 11,411,030 | 836.6\% | 0.2379 | 212 |
| 2061 | 1,145,424 | 10,460,208 | 913.2\% | 0.2292 | 181 |
| 2062 | 957,527 | 9,532,690 | 995.6\% | 0.2208 | 155 |
| 2063 | 797,078 | 8,626,815 | 1082.3\% | 0.2127 | 131 |
| 2064 | 661,069 | 7,736,143 | 1170.2\% | 0.2049 | 111 |
| 2065 | 546,058 | 6,911,589 | 1265.7\% | 0.1974 | 94 |
| 2066 | 449,089 | 6,123,544 | 1363.5\% | 0.1902 | 79 |
| 2067 | 367,696 | 5,266,709 | 1432.4\% | 0.1832 | 66 |
| 2068 | 299,712 | 4,474,295 | 1492.9\% | 0.1765 | 55 |
| 2069 | 243,145 | 3,881,954 | 1596.6\% | 0.1701 | 45 |
| 2070 | 196,173 | 3,340,567 | 1702.9\% | 0.1638 | 37 |
| 2071 | 157,337 | 2,825,685 | 1795.9\% | 0.1578 | 30 |
| 2072 | 125,401 | 2,347,745 | 1872.2\% | 0.1521 | 24 |
| 2073 | 99,326 | 1,939,142 | 1952.3\% | 0.1465 | 20 |
| 2074 | 78,228 | 1,542,091 | 1971.3\% | 0.1411 | 16 |
| 2075 | 61,247 | 1,209,311 | 1974.5\% | 0.1360 | 12 |
| 2076 | 47,661 | 926,963 | 1944.9\% | 0.1310 | 9 |
| 2077 | 36,854 | 678,298 | 1840.5\% | 0.1262 | 7 |
| 2078 | 28,321 | 496,772 | 1754.1\% | 0.1216 | 6 |
| 2079 | 21,616 | 358,420 | 1658.2\% | 0.1171 | 4 |
| 2080 | 16,374 | 255,592 | 1560.9\% | 0.1128 | 3 |
| 2081 | 12,300 | 184,065 | 1496.5\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 326,267,857 | 337,119,282 | 103.3\% |  |  |
| Lifetime: | 463,916,911 | 346,163,636 | 74.6\% |  |  |

Exhibit 24b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime Low BIO With Requested 0\% Rate Increase* with MAS
Applicable to Policies Not Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,225 | 289,675 | 67.5\% | 0.9815 | 163 |
| 2023 | 592,716 | 338,337 | 57.1\% | 0.9456 | 160 |
| 2024 | 615,582 | 371,987 | 60.4\% | 0.9110 | 158 |
| 2025 | 599,288 | 401,093 | 66.9\% | 0.8776 | 155 |
| 2026 | 581,115 | 420,000 | 72.3\% | 0.8455 | 152 |
| 2027 | 561,124 | 439,507 | 78.3\% | 0.8145 | 149 |
| 2028 | 539,215 | 458,193 | 85.0\% | 0.7847 | 145 |
| 2029 | 515,594 | 478,060 | 92.7\% | 0.7560 | 141 |
| 2030 | 490,465 | 497,932 | 101.5\% | 0.7283 | 136 |
| 2031 | 464,057 | 511,663 | 110.3\% | 0.7017 | 131 |
| 2032 | 436,757 | 523,777 | 119.9\% | 0.6760 | 126 |
| 2033 | 409,279 | 540,163 | 132.0\% | 0.6512 | 120 |
| 2034 | 381,936 | 561,577 | 147.0\% | 0.6274 | 115 |
| 2035 | 354,905 | 576,326 | 162.4\% | 0.6044 | 109 |
| 2036 | 328,390 | 587,987 | 179.1\% | 0.5823 | 103 |
| 2037 | 302,529 | 598,229 | 197.7\% | 0.5610 | 96 |
| 2038 | 277,343 | 611,812 | 220.6\% | 0.5404 | 90 |
| 2039 | 252,944 | 626,340 | 247.6\% | 0.5207 | 84 |
| 2040 | 229,413 | 628,665 | 274.0\% | 0.5016 | 77 |
| 2041 | 206,884 | 623,077 | 301.2\% | 0.4832 | 71 |
| 2042 | 185,505 | 608,529 | 328.0\% | 0.4655 | 65 |
| 2043 | 165,276 | 584,619 | 353.7\% | 0.4485 | 59 |
| 2044 | 146,255 | 554,879 | 379.4\% | 0.4321 | 53 |
| 2045 | 128,585 | 512,250 | 398.4\% | 0.4163 | 47 |
| 2046 | 112,354 | 469,407 | 417.8\% | 0.4010 | 42 |
| 2047 | 97,586 | 431,057 | 441.7\% | 0.3863 | 37 |
| 2048 | 84,192 | 389,154 | 462.2\% | 0.3722 | 32 |
| 2049 | 72,132 | 343,856 | 476.7\% | 0.3586 | 28 |
| 2050 | 61,383 | 297,007 | 483.9\% | 0.3454 | 24 |
| 2051 | 51,897 | 252,839 | 487.2\% | 0.3328 | 20 |
| 2052 | 43,621 | 216,254 | 495.8\% | 0.3206 | 17 |
| 2053 | 36,412 | 185,273 | 508.8\% | 0.3089 | 14 |
| 2054 | 30,178 | 156,249 | 517.8\% | 0.2976 | 12 |
| 2055 | 24,836 | 130,187 | 524.2\% | 0.2867 | 10 |
| 2056 | 20,307 | 106,930 | 526.6\% | 0.2762 | 8 |
| 2057 | 16,505 | 84,954 | 514.7\% | 0.2661 | 7 |
| 2058 | 13,333 | 67,061 | 503.0\% | 0.2563 | 5 |
| 2059 | 10,709 | 54,123 | 505.4\% | 0.2469 | 4 |
| 2060 | 8,556 | 43,528 | 508.7\% | 0.2379 | 4 |
| 2061 | 6,798 | 34,890 | 513.3\% | 0.2292 | 3 |
| 2062 | 5,371 | 27,473 | 511.5\% | 0.2208 | 2 |
| 2063 | 4,222 | 21,143 | 500.8\% | 0.2127 | 2 |
| 2064 | 3,303 | 16,387 | 496.2\% | 0.2049 | 1 |
| 2065 | 2,570 | 12,524 | 487.3\% | 0.1974 | 1 |
| 2066 | 1,987 | 9,560 | 481.2\% | 0.1902 | 1 |
| 2067 | 1,524 | 7,165 | 470.2\% | 0.1832 | 1 |
| 2068 | 1,159 | 5,300 | 457.4\% | 0.1765 | 0 |
| 2069 | 872 | 3,923 | 450.0\% | 0.1701 | 0 |
| 2070 | 648 | 2,909 | 448.8\% | 0.1638 | 0 |
| 2071 | 475 | 2,137 | 449.5\% | 0.1578 | 0 |
| 2072 | 344 | 1,554 | 451.8\% | 0.1521 | 0 |
| 2073 | 246 | 1,091 | 442.8\% | 0.1465 | 0 |
| 2074 | 174 | 752 | 431.7\% | 0.1411 | 0 |
| 2075 | 122 | 518 | 426.2\% | 0.1360 | 0 |
| 2076 | 84 | 351 | 418.9\% | 0.1310 | 0 |
| 2077 | 57 | 231 | 405.2\% | 0.1262 | 0 |
| 2078 | 38 | 151 | 393.1\% | 0.1216 | 0 |
| 2079 | 25 | 97 | 382.3\% | 0.1171 | 0 |
| 2080 | 17 | 61 | 367.6\% | 0.1128 | 0 |
| 2081 | 11 | 38 | 350.5\% | 0.1087 | 0 |


| Accumulated and Present Values as of | 12/31/2021 |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $5,577,936$ | 260,865 | $4.7 \%$ |
| Future: | $6,907,322$ | $8,950,671$ | $129.6 \%$ |
| Lifetime: | $12,485,258$ | $9,211,536$ | $73.8 \%$ |


\left.|  | Exhibit 24c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: |$\right]$

Accumulated and Present Values as of 12/31/2021

| Past: | $1,612,626,252$ | $75,998,208$ | $4.7 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $3,970,412,630$ | $4,089,573,854$ | $103.0 \%$ |
| Lifetime: | $5,583,038,883$ | $4,165,572,062$ | $74.6 \%$ |


| Calendar Year | Exhibit 24d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Requested 0\% Rate Increase* with MAS Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,385,665 | 1,932,676 | 44.1\% | 0.9815 | 2,480 |
| 2023 | 6,187,342 | 2,392,636 | 38.7\% | 0.9456 | 2,426 |
| 2024 | 6,378,893 | 2,801,089 | 43.9\% | 0.9110 | 2,370 |
| 2025 | 6,175,713 | 3,204,626 | 51.9\% | 0.8776 | 2,308 |
| 2026 | 5,958,067 | 3,569,416 | 59.9\% | 0.8455 | 2,241 |
| 2027 | 5,726,543 | 3,873,968 | 67.6\% | 0.8145 | 2,170 |
| 2028 | 5,477,275 | 4,149,620 | 75.8\% | 0.7847 | 2,093 |
| 2029 | 5,209,329 | 4,413,511 | 84.7\% | 0.7560 | 2,010 |
| 2030 | 4,926,700 | 4,643,380 | 94.2\% | 0.7283 | 1,921 |
| 2031 | 4,633,361 | 4,820,960 | 104.0\% | 0.7017 | 1,828 |
| 2032 | 4,331,429 | 4,945,814 | 114.2\% | 0.6760 | 1,730 |
| 2033 | 4,026,006 | 5,052,589 | 125.5\% | 0.6512 | 1,630 |
| 2034 | 3,722,547 | 5,146,633 | 138.3\% | 0.6274 | 1,528 |
| 2035 | 3,424,475 | 5,161,766 | 150.7\% | 0.6044 | 1,426 |
| 2036 | 3,133,568 | 5,170,164 | 165.0\% | 0.5823 | 1,324 |
| 2037 | 2,851,653 | 5,194,060 | 182.1\% | 0.5610 | 1,222 |
| 2038 | 2,579,075 | 5,181,666 | 200.9\% | 0.5404 | 1,122 |
| 2039 | 2,316,307 | 5,122,475 | 221.1\% | 0.5207 | 1,023 |
| 2040 | 2,065,451 | 4,967,624 | 240.5\% | 0.5016 | 926 |
| 2041 | 1,830,038 | 4,756,700 | 259.9\% | 0.4832 | 833 |
| 2042 | 1,609,946 | 4,527,525 | 281.2\% | 0.4655 | 744 |
| 2043 | 1,405,432 | 4,264,141 | 303.4\% | 0.4485 | 659 |
| 2044 | 1,217,019 | 3,962,973 | 325.6\% | 0.4321 | 580 |
| 2045 | 1,045,521 | 3,610,714 | 345.4\% | 0.4163 | 507 |
| 2046 | 891,552 | 3,247,729 | 364.3\% | 0.4010 | 440 |
| 2047 | 755,413 | 2,915,499 | 385.9\% | 0.3863 | 379 |
| 2048 | 635,472 | 2,590,579 | 407.7\% | 0.3722 | 324 |
| 2049 | 530,415 | 2,268,920 | 427.8\% | 0.3586 | 276 |
| 2050 | 439,343 | 1,955,709 | 445.1\% | 0.3454 | 233 |
| 2051 | 361,197 | 1,663,350 | 460.5\% | 0.3328 | 195 |
| 2052 | 294,965 | 1,410,122 | 478.1\% | 0.3206 | 163 |
| 2053 | 239,204 | 1,187,263 | 496.3\% | 0.3089 | 135 |
| 2054 | 192,536 | 989,726 | 514.0\% | 0.2976 | 111 |
| 2055 | 153,780 | 818,125 | 532.0\% | 0.2867 | 91 |
| 2056 | 121,981 | 670,472 | 549.7\% | 0.2762 | 75 |
| 2057 | 96,181 | 539,583 | 561.0\% | 0.2661 | 61 |
| 2058 | 75,380 | 428,685 | 568.7\% | 0.2563 | 49 |
| 2059 | 58,727 | 341,358 | 581.3\% | 0.2469 | 40 |
| 2060 | 45,493 | 273,074 | 600.3\% | 0.2379 | 32 |
| 2061 | 35,085 | 217,945 | 621.2\% | 0.2292 | 26 |
| 2062 | 26,931 | 174,121 | 646.5\% | 0.2208 | 21 |
| 2063 | 20,580 | 137,961 | 670.3\% | 0.2127 | 17 |
| 2064 | 15,657 | 108,516 | 693.1\% | 0.2049 | 13 |
| 2065 | 11,867 | 85,450 | 720.1\% | 0.1974 | 11 |
| 2066 | 8,948 | 67,339 | 752.5\% | 0.1902 | 9 |
| 2067 | 6,708 | 52,853 | 787.9\% | 0.1832 | 7 |
| 2068 | 5,000 | 41,281 | 825.6\% | 0.1765 |  |
| 2069 | 3,707 | 32,354 | 872.8\% | 0.1701 | 4 |
| 2070 | 2,729 | 24,964 | 914.6\% | 0.1638 | 3 |
| 2071 | 1,994 | 19,131 | 959.5\% | 0.1578 | 3 |
| 2072 | 1,445 | 14,653 | 1014.2\% | 0.1521 | 2 |
| 2073 | 1,039 | 11,179 | 1076.3\% | 0.1465 | 1 |
| 2074 | 742 | 8,465 | 1141.4\% | 0.1411 | 1 |
| 2075 | 524 | 6,353 | 1213.4\% | 0.1360 | 1 |
| 2076 | 366 | 4,732 | 1292.9\% | 0.1310 | 1 |
| 2077 | 254 | 3,466 | 1364.6\% | 0.1262 | 0 |
| 2078 | 174 | 2,374 | 1361.5\% | 0.1216 | 0 |
| 2079 | 118 | 1,626 | 1375.0\% | 0.1171 | 0 |
| 2080 | 79 | 1,110 | 1396.4\% | 0.1128 | 0 |
| 2081 | 53 | 756 | 1432.0\% | 0.1087 | 0 |


| Accumulated and Present Values as of | 12/31/2021 |  |  |
| :--- | :---: | ---: | ---: |
| Past: | $59,323,670$ | $7,304,318$ | $12.3 \%$ |
| Future: | $68,155,989$ | $73,032,560$ | $107.2 \%$ |
| Lifetime: | $127,479,659$ | $80,336,878$ | $63.0 \%$ |

CONFIDENTIAL
Exhibit 25a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO With Requested 0\% Rate Increase* with MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | , |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 825 | 21.7\% | 0.9815 | 1 |
| 2023 | 3,777 | 991 | 26.2\% | 0.9456 | 1 |
| 2024 | 3,747 | 1,199 | 32.0\% | 0.9110 | 1 |
| 2025 | 3,716 | 1,455 | 39.2\% | 0.8776 | 1 |
| 2026 | 3,681 | 1,811 | 49.2\% | 0.8455 | 1 |
| 2027 | 3,643 | 2,469 | 67.8\% | 0.8145 | 1 |
| 2028 | 3,601 | 2,955 | 82.1\% | 0.7847 | 1 |
| 2029 | 3,553 | 3,566 | 100.4\% | 0.7560 | 1 |
| 2030 | 3,498 | 4,251 | 121.5\% | 0.7283 | 1 |
| 2031 | 3,437 | 5,002 | 145.5\% | 0.7017 | 1 |
| 2032 | 3,367 | 5,933 | 176.2\% | 0.6760 | 1 |
| 2033 | 3,291 | 6,760 | 205.4\% | 0.6512 | 1 |
| 2034 | 3,207 | 7,961 | 248.2\% | 0.6274 | 1 |
| 2035 | 3,113 | 9,165 | 294.4\% | 0.6044 | 1 |
| 2036 | 3,011 | 10,323 | 342.8\% | 0.5823 | 1 |
| 2037 | 2,900 | 11,394 | 392.8\% | 0.5610 | 1 |
| 2038 | 2,781 | 12,629 | 454.1\% | 0.5404 | 1 |
| 2039 | 2,651 | 13,986 | 527.5\% | 0.5207 | 1 |
| 2040 | 2,511 | 15,194 | 605.2\% | 0.5016 | 1 |
| 2041 | 2,359 | 16,114 | 683.0\% | 0.4832 | 1 |
| 2042 | 2,200 | 16,196 | 736.2\% | 0.4655 | 1 |
| 2043 | 2,033 | 16,641 | 818.5\% | 0.4485 | 0 |
| 2044 | 1,859 | 16,362 | 879.9\% | 0.4321 | 0 |
| 2045 | 1,681 | 15,693 | 933.3\% | 0.4163 | 0 |
| 2046 | 1,503 | 13,915 | 925.6\% | 0.4010 | 0 |
| 2047 | 1,330 | 11,836 | 890.0\% | 0.3863 | 0 |
| 2048 | 1,162 | 10,956 | 942.5\% | 0.3722 | 0 |
| 2049 | 1,001 | 9,849 | 983.5\% | 0.3586 | 0 |
| 2050 | 850 | 8,691 | 1022.5\% | 0.3454 | 0 |
| 2051 | 711 | 7,277 | 1023.8\% | 0.3328 | 0 |
| 2052 | 587 | 5,172 | 881.5\% | 0.3206 | 0 |
| 2053 | 477 | 4,191 | 878.9\% | 0.3089 | 0 |
| 2054 | 381 | 3,364 | 883.9\% | 0.2976 | 0 |
| 2055 | 298 | 2,690 | 903.2\% | 0.2867 | 0 |
| 2056 | 228 | 2,086 | 913.4\% | 0.2762 | 0 |
| 2057 | 171 | 1,431 | 836.7\% | 0.2661 | 0 |
| 2058 | 125 | 978 | 784.2\% | 0.2563 | 0 |
| 2059 | 89 | 665 | 750.0\% | 0.2469 | 0 |
| 2060 | 62 | 447 | 725.8\% | 0.2379 | 0 |
| 2061 | 42 | 296 | 704.3\% | 0.2292 | 0 |
| 2062 | 28 | 190 | 677.4\% | 0.2208 | 0 |
| 2063 | 18 | 118 | 638.5\% | 0.2127 | 0 |
| 2064 | 12 | 69 | 581.9\% | 0.2049 | 0 |
| 2065 | 8 | 38 | 502.2\% | 0.1974 | 0 |
| 2066 | 5 | 19 | 398.1\% | 0.1902 | 0 |
| 2067 | 3 | 8 | 275.0\% | 0.1832 | 0 |
| 2068 | 2 | 3 | 149.9\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 59.7\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 8.7\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,126 | 138,301 | 255.5\% |  |  |
| Lifetime: | 95,940 | 138,356 | 144.2\% |  |  |


| Calendar Year | Exhibit 25b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Requested 94.8\% Rate Increase* with MAS Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Loss Ratio $\begin{gathered}\text { 3.80\% } \\ \text { Discount Factor }\end{gathered}$ |  |  |
|  | Earned Premium | Incurred Claims |  |  |  |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,806,907 | 2,773,201 | 13.3\% | 0.9815 | 8,900 |
| 2023 | 27,012,898 | 3,747,913 | 13.9\% | 0.9456 | 8,787 |
| 2024 | 39,371,925 | 5,185,679 | 13.2\% | 0.9110 | 8,677 |
| 2025 | 38,845,484 | 6,579,048 | 16.9\% | 0.8776 | 8,563 |
| 2026 | 38,282,839 | 8,210,139 | 21.4\% | 0.8455 | 8,438 |
| 2027 | 37,665,945 | 10,046,450 | 26.7\% | 0.8145 | 8,302 |
| 2028 | 36,985,575 | 11,981,167 | 32.4\% | 0.7847 | 8,151 |
| 2029 | 36,232,352 | 14,079,693 | 38.9\% | 0.7560 | 7,984 |
| 2030 | 35,401,854 | 16,451,237 | 46.5\% | 0.7283 | 7,799 |
| 2031 | 34,486,152 | 19,004,891 | 55.1\% | 0.7017 | 7,594 |
| 2032 | 33,476,646 | 21,617,988 | 64.6\% | 0.6760 | 7,369 |
| 2033 | 32,373,304 | 24,186,748 | 74.7\% | 0.6512 | 7,126 |
| 2034 | 31,190,395 | 27,060,319 | 86.8\% | 0.6274 | 6,867 |
| 2035 | 29,936,658 | 30,188,898 | 100.8\% | 0.6044 | 6,592 |
| 2036 | 28,620,098 | 33,381,692 | 116.6\% | 0.5823 | 6,303 |
| 2037 | 27,242,970 | 36,734,707 | 134.8\% | 0.5610 | 6,000 |
| 2038 | 25,809,821 | 39,943,079 | 154.8\% | 0.5404 | 5,683 |
| 2039 | 24,326,117 | 43,087,697 | 177.1\% | 0.5207 | 5,355 |
| 2040 | 22,799,891 | 46,053,096 | 202.0\% | 0.5016 | 5,016 |
| 2041 | 21,242,855 | 48,281,672 | 227.3\% | 0.4832 | 4,672 |
| 2042 | 19,670,041 | 50,054,943 | 254.5\% | 0.4655 | 4,323 |
| 2043 | 18,098,873 | 51,506,782 | 284.6\% | 0.4485 | 3,975 |
| 2044 | 16,539,343 | 52,173,225 | 315.4\% | 0.4321 | 3,628 |
| 2045 | 15,005,243 | 51,989,648 | 346.5\% | 0.4163 | 3,289 |
| 2046 | 13,518,619 | 50,795,702 | 375.7\% | 0.4010 | 2,962 |
| 2047 | 12,098,250 | 49,319,290 | 407.7\% | 0.3863 | 2,649 |
| 2048 | 10,757,401 | 47,891,331 | 445.2\% | 0.3722 | 2,354 |
| 2049 | 9,498,810 | 45,819,708 | 482.4\% | 0.3586 | 2,076 |
| 2050 | 8,326,271 | 43,089,795 | 517.5\% | 0.3454 | 1,817 |
| 2051 | 7,244,955 | 39,707,661 | 548.1\% | 0.3328 | 1,579 |
| 2052 | 6,259,907 | 36,225,026 | 578.7\% | 0.3206 | 1,363 |
| 2053 | 5,373,340 | 33,135,097 | 616.7\% | 0.3089 | 1,169 |
| 2054 | 4,580,095 | 30,074,877 | 656.6\% | 0.2976 | 994 |
| 2055 | 3,875,595 | 27,037,933 | 697.6\% | 0.2867 | 840 |
| 2056 | 3,256,159 | 24,146,470 | 741.6\% | 0.2762 | 705 |
| 2057 | 2,718,075 | 21,278,805 | 782.9\% | 0.2661 | 588 |
| 2058 | 2,255,747 | 18,361,963 | 814.0\% | 0.2563 | 488 |
| 2059 | 1,860,667 | 15,668,536 | 842.1\% | 0.2469 | 402 |
| 2060 | 1,525,421 | 13,469,579 | 883.0\% | 0.2379 | 329 |
| 2061 | 1,243,246 | 11,610,287 | 933.9\% | 0.2292 | 268 |
| 2062 | 1,007,639 | 9,936,876 | 986.2\% | 0.2208 | 217 |
| 2063 | 812,250 | 8,455,101 | 1040.9\% | 0.2127 | 175 |
| 2064 | 651,316 | 7,126,254 | 1094.1\% | 0.2049 | 141 |
| 2065 | 519,925 | 5,963,426 | 1147.0\% | 0.1974 | 112 |
| 2066 | 413,219 | 4,993,931 | 1208.5\% | 0.1902 | 89 |
| 2067 | 326,878 | 4,156,019 | 1271.4\% | 0.1832 | 71 |
| 2068 | 257,471 | 3,412,113 | 1325.2\% | 0.1765 | 56 |
| 2069 | 201,974 | 2,789,294 | 1381.0\% | 0.1701 | 44 |
| 2070 | 157,788 | 2,283,329 | 1447.1\% | 0.1638 | 34 |
| 2071 | 122,635 | 1,844,599 | 1504.1\% | 0.1578 | 27 |
| 2072 | 94,703 | 1,478,703 | 1561.4\% | 0.1521 | 20 |
| 2073 | 72,592 | 1,180,999 | 1626.9\% | 0.1465 | 16 |
| 2074 | 55,229 | 941,712 | 1705.1\% | 0.1411 | 12 |
| 2075 | 41,727 | 740,411 | 1774.4\% | 0.1360 | 9 |
| 2076 | 31,305 | 576,327 | 1841.0\% | 0.1310 | 7 |
| 2077 | 23,276 | 448,939 | 1928.7\% | 0.1262 | 5 |
| 2078 | 17,161 | 337,765 | 1968.2\% | 0.1216 | 4 |
| 2079 | 12,537 | 243,067 | 1938.8\% | 0.1171 | 3 |
| 2080 | 9,084 | 173,605 | 1911.2\% | 0.1128 | 2 |
| 2081 | 6,522 | 124,334 | 1906.3\% | 0.1087 | 1 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 510,859,732 | 541,971,498 | 106.1\% |  |  |
| Lifetime: | 735,048,546 | 548,407,240 | 74.6\% |  |  |

Exhibit 25c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Requested 0\% Rate Increase* with MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 693,850 | 173,655 | 25.0\% | 0.9815 | 369 |
| 2023 | 676,540 | 214,583 | 31.7\% | 0.9456 | 362 |
| 2024 | 658,342 | 260,937 | 39.6\% | 0.9110 | 355 |
| 2025 | 638,755 | 312,761 | 49.0\% | 0.8776 | 347 |
| 2026 | 620,772 | 366,761 | 59.1\% | 0.8455 | 338 |
| 2027 | 600,918 | 417,381 | 69.5\% | 0.8145 | 329 |
| 2028 | 579,974 | 462,009 | 79.7\% | 0.7847 | 319 |
| 2029 | 557,391 | 500,851 | 89.9\% | 0.7560 | 309 |
| 2030 | 533,200 | 537,322 | 100.8\% | 0.7283 | 297 |
| 2031 | 507,598 | 569,787 | 112.3\% | 0.7017 | 285 |
| 2032 | 480,678 | 595,331 | 123.9\% | 0.6760 | 272 |
| 2033 | 452,690 | 615,029 | 135.9\% | 0.6512 | 258 |
| 2034 | 424,246 | 630,096 | 148.5\% | 0.6274 | 244 |
| 2035 | 395,482 | 640,289 | 161.9\% | 0.6044 | 230 |
| 2036 | 367,060 | 646,107 | 176.0\% | 0.5823 | 215 |
| 2037 | 339,108 | 653,956 | 192.8\% | 0.5610 | 201 |
| 2038 | 311,651 | 662,022 | 212.4\% | 0.5404 | 186 |
| 2039 | 284,851 | 662,501 | 232.6\% | 0.5207 | 172 |
| 2040 | 258,816 | 654,871 | 253.0\% | 0.5016 | 157 |
| 2041 | 233,725 | 634,819 | 271.6\% | 0.4832 | 143 |
| 2042 | 209,765 | 608,662 | 290.2\% | 0.4655 | 130 |
| 2043 | 187,157 | 583,261 | 311.6\% | 0.4485 | 117 |
| 2044 | 165,943 | 552,837 | 333.1\% | 0.4321 | 105 |
| 2045 | 146,123 | 517,982 | 354.5\% | 0.4163 | 93 |
| 2046 | 127,848 | 476,785 | 372.9\% | 0.4010 | 82 |
| 2047 | 111,202 | 435,638 | 391.8\% | 0.3863 | 72 |
| 2048 | 96,248 | 397,828 | 413.3\% | 0.3722 | 63 |
| 2049 | 82,817 | 358,856 | 433.3\% | 0.3586 | 55 |
| 2050 | 70,829 | 319,263 | 450.8\% | 0.3454 | 47 |
| 2051 | 60,237 | 279,454 | 463.9\% | 0.3328 | 41 |
| 2052 | 50,983 | 243,174 | 477.0\% | 0.3206 | 35 |
| 2053 | 42,979 | 212,610 | 494.7\% | 0.3089 | 29 |
| 2054 | 36,077 | 183,818 | 509.5\% | 0.2976 | 25 |
| 2055 | 30,153 | 157,972 | 523.9\% | 0.2867 | 21 |
| 2056 | 25,125 | 135,914 | 541.0\% | 0.2762 | 18 |
| 2057 | 20,875 | 116,598 | 558.6\% | 0.2661 | 15 |
| 2058 | 17,306 | 98,377 | 568.5\% | 0.2563 | 12 |
| 2059 | 14,304 | 82,857 | 579.3\% | 0.2469 | 10 |
| 2060 | 11,793 | 70,196 | 595.2\% | 0.2379 | 9 |
| 2061 | 9,690 | 59,632 | 615.4\% | 0.2292 | 7 |
| 2062 | 7,943 | 50,461 | 635.3\% | 0.2208 | 6 |
| 2063 | 6,488 | 42,362 | 652.9\% | 0.2127 | 5 |
| 2064 | 5,285 | 35,507 | 671.9\% | 0.2049 | 4 |
| 2065 | 4,291 | 29,842 | 695.5\% | 0.1974 | 3 |
| 2066 | 3,470 | 24,795 | 714.5\% | 0.1902 | 3 |
| 2067 | 2,793 | 20,437 | 731.6\% | 0.1832 | 2 |
| 2068 | 2,235 | 16,139 | 722.0\% | 0.1765 | 2 |
| 2069 | 1,777 | 13,069 | 735.4\% | 0.1701 | 1 |
| 2070 | 1,400 | 10,415 | 744.2\% | 0.1638 | 1 |
| 2071 | 1,092 | 8,134 | 745.0\% | 0.1578 | 1 |
| 2072 | 841 | 6,225 | 740.1\% | 0.1521 | 1 |
| 2073 | 640 | 4,671 | 730.1\% | 0.1465 | 1 |
| 2074 | 479 | 3,484 | 727.8\% | 0.1411 | 0 |
| 2075 | 354 | 2,570 | 726.7\% | 0.1360 | 0 |
| 2076 | 258 | 1,884 | 730.7\% | 0.1310 | 0 |
| 2077 | 185 | 1,366 | 737.4\% | 0.1262 | 0 |
| 2078 | 131 | 942 | 720.2\% | 0.1216 | 0 |
| 2079 | 91 | 633 | 692.1\% | 0.1171 | 0 |
| 2080 | 63 | 421 | 667.3\% | 0.1128 | 0 |
| 2081 | 43 | 278 | 645.1\% | 0.1087 | 0 |

Accumulated and Present Values as of 12/31/2021

| Past: | $7,557,472$ | 689,346 | $9.1 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $7,805,448$ | $9,014,417$ | $115.5 \%$ |
| Lifetime: | $15,362,919$ | $9,703,762$ | $63.2 \%$ |

Exhibit 26a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO with All Approved and Requested 132\% Rate Increase Applied Since Issue Including MAS
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 678,857 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 24,473,092 | 143,095 | 0.6\% | 1.4252 | 3,256 |
| 2013 | 45,944,888 | 227,493 | 0.5\% | 1.3730 | 3,219 |
| 2014 | 45,184,762 | 31,688 | 0.1\% | 1.3228 | 3,169 |
| 2015 | 44,630,819 | 89,112 | 0.2\% | 1.2743 | 3,129 |
| 2016 | 44,141,867 | 2,116,954 | 4.8\% | 1.2277 | 3,090 |
| 2017 | 43,601,924 | 16,647 | 0.0\% | 1.1827 | 3,054 |
| 2018 | 43,133,961 | 756,716 | 1.8\% | 1.1394 | 3,020 |
| 2019 | 42,662,806 | 790,507 | 1.9\% | 1.0977 | 2,989 |
| 2020 | 42,316,172 | 2,284,036 | 5.4\% | 1.0575 | 2,968 |
| 2021 | 41,679,114 | 1,578,794 | 3.8\% | 1.0188 | 2,941 |
| 2022 | 34,264,726 | 3,338,025 | 9.7\% | 0.9815 | 2,909 |
| 2023 | 25,586,737 | 3,750,829 | 14.7\% | 0.9456 | 2,882 |
| 2024 | 25,271,535 | 4,371,865 | 17.3\% | 0.9110 | 2,853 |
| 2025 | 24,943,287 | 5,123,430 | 20.5\% | 0.8776 | 2,821 |
| 2026 | 24,582,454 | 5,948,241 | 24.2\% | 0.8455 | 2,787 |
| 2027 | 24,175,704 | 6,802,629 | 28.1\% | 0.8145 | 2,749 |
| 2028 | 23,709,347 | 7,775,831 | 32.8\% | 0.7847 | 2,708 |
| 2029 | 23,216,911 | 8,901,552 | 38.3\% | 0.7560 | 2,661 |
| 2030 | 22,682,078 | 10,132,507 | 44.7\% | 0.7283 | 2,609 |
| 2031 | 22,102,331 | 11,387,400 | 51.5\% | 0.7017 | 2,552 |
| 2032 | 21,459,671 | 12,572,985 | 58.6\% | 0.6760 | 2,488 |
| 2033 | 20,776,939 | 13,972,611 | 67.3\% | 0.6512 | 2,420 |
| 2034 | 20,050,196 | 15,638,586 | 78.0\% | 0.6274 | 2,347 |
| 2035 | 19,282,080 | 17,203,070 | 89.2\% | 0.6044 | 2,270 |
| 2036 | 18,477,191 | 18,755,536 | 101.5\% | 0.5823 | 2,187 |
| 2037 | 17,636,558 | 20,318,339 | 115.2\% | 0.5610 | 2,100 |
| 2038 | 16,759,272 | 22,147,954 | 132.2\% | 0.5404 | 2,008 |
| 2039 | 15,847,630 | 24,191,121 | 152.6\% | 0.5207 | 1,912 |
| 2040 | 14,915,667 | 25,851,090 | 173.3\% | 0.5016 | 1,812 |
| 2041 | 13,965,408 | 27,262,708 | 195.2\% | 0.4832 | 1,709 |
| 2042 | 13,003,050 | 28,344,532 | 218.0\% | 0.4655 | 1,604 |
| 2043 | 12,034,079 | 29,165,323 | 242.4\% | 0.4485 | 1,497 |
| 2044 | 11,071,637 | 29,857,066 | 269.7\% | 0.4321 | 1,389 |
| 2045 | 10,130,014 | 29,991,549 | 296.1\% | 0.4163 | 1,283 |
| 2046 | 9,217,385 | 29,994,283 | 325.4\% | 0.4010 | 1,179 |
| 2047 | 8,342,136 | 29,829,641 | 357.6\% | 0.3863 | 1,078 |
| 2048 | 7,506,428 | 29,056,220 | 387.1\% | 0.3722 | 980 |
| 2049 | 6,712,335 | 27,864,178 | 415.1\% | 0.3586 | 886 |
| 2050 | 5,963,278 | 26,361,324 | 442.1\% | 0.3454 | 796 |
| 2051 | 5,271,549 | 24,949,554 | 473.3\% | 0.3328 | 713 |
| 2052 | 4,634,474 | 23,740,496 | 512.3\% | 0.3206 | 634 |
| 2053 | 4,051,203 | 22,365,865 | 552.1\% | 0.3089 | 562 |
| 2054 | 3,521,253 | 20,824,704 | 591.4\% | 0.2976 | 495 |
| 2055 | 3,043,442 | 19,219,667 | 631.5\% | 0.2867 | 434 |
| 2056 | 2,617,019 | 17,597,792 | 672.4\% | 0.2762 | 379 |
| 2057 | 2,239,741 | 15,713,429 | 701.6\% | 0.2661 | 329 |
| 2058 | 1,907,469 | 13,880,285 | 727.7\% | 0.2563 | 285 |
| 2059 | 1,616,787 | 12,534,992 | 775.3\% | 0.2469 | 246 |
| 2060 | 1,363,962 | 11,411,030 | 836.6\% | 0.2379 | 212 |
| 2061 | 1,145,424 | 10,460,208 | 913.2\% | 0.2292 | 181 |
| 2062 | 957,527 | 9,532,690 | 995.6\% | 0.2208 | 155 |
| 2063 | 797,078 | 8,626,815 | 1082.3\% | 0.2127 | 131 |
| 2064 | 661,069 | 7,736,143 | 1170.2\% | 0.2049 | 111 |
| 2065 | 546,058 | 6,911,589 | 1265.7\% | 0.1974 | 94 |
| 2066 | 449,089 | 6,123,544 | 1363.5\% | 0.1902 | 79 |
| 2067 | 367,696 | 5,266,709 | 1432.4\% | 0.1832 | 66 |
| 2068 | 299,712 | 4,474,295 | 1492.9\% | 0.1765 | 55 |
| 2069 | 243,145 | 3,881,954 | 1596.6\% | 0.1701 | 45 |
| 2070 | 196,173 | 3,340,567 | 1702.9\% | 0.1638 | 37 |
| 2071 | 157,337 | 2,825,685 | 1795.9\% | 0.1578 | 30 |
| 2072 | 125,401 | 2,347,745 | 1872.2\% | 0.1521 | 24 |
| 2073 | 99,326 | 1,939,142 | 1952.3\% | 0.1465 | 20 |
| 2074 | 78,228 | 1,542,091 | 1971.3\% | 0.1411 | 16 |
| 2075 | 61,247 | 1,209,311 | 1974.5\% | 0.1360 | 12 |
| 2076 | 47,661 | 926,963 | 1944.9\% | 0.1310 | 9 |
| 2077 | 36,854 | 678,298 | 1840.5\% | 0.1262 | 7 |
| 2078 | 28,321 | 496,772 | 1754.1\% | 0.1216 | 6 |
| 2079 | 21,616 | 358,420 | 1658.2\% | 0.1171 | 4 |
| 2080 | 16,374 | 255,592 | 1560.9\% | 0.1128 | 3 |
| 2081 | 12,300 | 184,065 | 1496.5\% | 0.1087 | 2 |


| Accumulated and Present Values as of $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |  |
| :--- | :---: | ---: | ---: |
| Past: | $504,566,372$ | $9,044,354$ | $1.8 \%$ |
| Future: | $360,699,992$ | $338,211,498$ | $93.8 \%$ |
| Lifetime: | $865,266,363$ | $347,255,852$ | $40.1 \%$ |

CONFIDENTIAL
Exhibit 26b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime Low BIO with All Approved and Requested 0\% Rate Increase
Applied Since Issue Including MAS
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 19,422 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 497,780 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 772,623 | 110,593 | 14.3\% | 1.3730 | 189 |
| 2014 | 763,840 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 777,387 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 768,701 | 70,328 | 9.1\% | 1.2277 | 196 |
| 2017 | 747,240 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 744,909 | 13,998 | 1.9\% | 1.1394 | 194 |
| 2019 | 739,176 | 842 | 0.1\% | 1.0977 | 193 |
| 2020 | 730,159 | 1,272 | 0.2\% | 1.0575 | 192 |
| 2021 | 739,333 | 4,377 | 0.6\% | 1.0188 | 202 |
| 2022 | 678,175 | 313,951 | 46.3\% | 0.9815 | 163 |
| 2023 | 630,105 | 342,053 | 54.3\% | 0.9456 | 160 |
| 2024 | 615,582 | 371,987 | 60.4\% | 0.9110 | 158 |
| 2025 | 599,288 | 401,093 | 66.9\% | 0.8776 | 155 |
| 2026 | 581,115 | 420,000 | 72.3\% | 0.8455 | 152 |
| 2027 | 561,124 | 439,507 | 78.3\% | 0.8145 | 149 |
| 2028 | 539,215 | 458,193 | 85.0\% | 0.7847 | 145 |
| 2029 | 515,594 | 478,060 | 92.7\% | 0.7560 | 141 |
| 2030 | 490,465 | 497,932 | 101.5\% | 0.7283 | 136 |
| 2031 | 464,057 | 511,663 | 110.3\% | 0.7017 | 131 |
| 2032 | 436,757 | 523,777 | 119.9\% | 0.6760 | 126 |
| 2033 | 409,279 | 540,163 | 132.0\% | 0.6512 | 120 |
| 2034 | 381,936 | 561,577 | 147.0\% | 0.6274 | 115 |
| 2035 | 354,905 | 576,326 | 162.4\% | 0.6044 | 109 |
| 2036 | 328,390 | 587,987 | 179.1\% | 0.5823 | 103 |
| 2037 | 302,529 | 598,229 | 197.7\% | 0.5610 | 96 |
| 2038 | 277,343 | 611,812 | 220.6\% | 0.5404 | 90 |
| 2039 | 252,944 | 626,340 | 247.6\% | 0.5207 | 84 |
| 2040 | 229,413 | 628,665 | 274.0\% | 0.5016 | 77 |
| 2041 | 206,884 | 623,077 | 301.2\% | 0.4832 | 71 |
| 2042 | 185,505 | 608,529 | 328.0\% | 0.4655 | 65 |
| 2043 | 165,276 | 584,619 | 353.7\% | 0.4485 | 59 |
| 2044 | 146,255 | 554,879 | 379.4\% | 0.4321 | 53 |
| 2045 | 128,585 | 512,250 | 398.4\% | 0.4163 | 47 |
| 2046 | 112,354 | 469,407 | 417.8\% | 0.4010 | 42 |
| 2047 | 97,586 | 431,057 | 441.7\% | 0.3863 | 37 |
| 2048 | 84,192 | 389,154 | 462.2\% | 0.3722 | 32 |
| 2049 | 72,132 | 343,856 | 476.7\% | 0.3586 | 28 |
| 2050 | 61,383 | 297,007 | 483.9\% | 0.3454 | 24 |
| 2051 | 51,897 | 252,839 | 487.2\% | 0.3328 | 20 |
| 2052 | 43,621 | 216,254 | 495.8\% | 0.3206 | 17 |
| 2053 | 36,412 | 185,273 | 508.8\% | 0.3089 | 14 |
| 2054 | 30,178 | 156,249 | 517.8\% | 0.2976 | 12 |
| 2055 | 24,836 | 130,187 | 524.2\% | 0.2867 | 10 |
| 2056 | 20,307 | 106,930 | 526.6\% | 0.2762 | 8 |
| 2057 | 16,505 | 84,954 | 514.7\% | 0.2661 | 7 |
| 2058 | 13,333 | 67,061 | 503.0\% | 0.2563 | 5 |
| 2059 | 10,709 | 54,123 | 505.4\% | 0.2469 | 4 |
| 2060 | 8,556 | 43,528 | 508.7\% | 0.2379 | 4 |
| 2061 | 6,798 | 34,890 | 513.3\% | 0.2292 | 3 |
| 2062 | 5,371 | 27,473 | 511.5\% | 0.2208 | 2 |
| 2063 | 4,222 | 21,143 | 500.8\% | 0.2127 | 2 |
| 2064 | 3,303 | 16,387 | 496.2\% | 0.2049 | 1 |
| 2065 | 2,570 | 12,524 | 487.3\% | 0.1974 | 1 |
| 2066 | 1,987 | 9,560 | 481.2\% | 0.1902 | 1 |
| 2067 | 1,524 | 7,165 | 470.2\% | 0.1832 | 1 |
| 2068 | 1,159 | 5,300 | 457.4\% | 0.1765 | 0 |
| 2069 | 872 | 3,923 | 450.0\% | 0.1701 | 0 |
| 2070 | 648 | 2,909 | 448.8\% | 0.1638 | 0 |
| 2071 | 475 | 2,137 | 449.5\% | 0.1578 | 0 |
| 2072 | 344 | 1,554 | 451.8\% | 0.1521 | 0 |
| 2073 | 246 | 1,091 | 442.8\% | 0.1465 | 0 |
| 2074 | 174 | 752 | 431.7\% | 0.1411 | 0 |
| 2075 | 122 | 518 | 426.2\% | 0.1360 | 0 |
| 2076 | 84 | 351 | 418.9\% | 0.1310 | 0 |
| 2077 | 57 | 231 | 405.2\% | 0.1262 | 0 |
| 2078 | 38 | 151 | 393.1\% | 0.1216 | 0 |
| 2079 | 25 | 97 | 382.3\% | 0.1171 | 0 |
| 2080 | 17 | 61 | 367.6\% | 0.1128 | 0 |
| 2081 | 11 | 38 | 350.5\% | 0.1087 | 0 |


| Accumulated and Present Values as of $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $8,813,139$ | 260,865 | $3.0 \%$ |
| Future: | $7,187,027$ | $8,978,013$ | $124.9 \%$ |
| Lifetime: | $16,000,166$ | $9,238,878$ | $57.7 \%$ |

CONFIDENTIAL
Exhibit 26c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO with All Approved and Requested 86\% Rate Increase

Applied Since Issue Including MAS
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | ---: | ---: | ---: | ---: | ---: |
| 2011 | $5,272,708$ | 0 | $0.0 \%$ | 1.4794 |  |



| Accumulated and Present Values as of | $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $4,739,186,031$ | $75,998,208$ | $1.6 \%$ |
| Future: | $4,313,602,526$ | $4,100,525,096$ | $95.1 \%$ |
| Lifetime: | $9,052,788,557$ | $4,176,523,303$ | $46.1 \%$ |

Exhibit 26d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO with All Approved and Requested 0\% Rate Increase

Applied Since Issue Including MAS
Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 156,217 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 3,781,853 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 7,831,131 | 259,751 | 3.3\% | 1.3730 | 2,845 |
| 2014 | 8,699,293 | 239,877 | 2.8\% | 1.3228 | 2,893 |
| 2015 | 8,623,655 | 666,851 | 7.7\% | 1.2743 | 2,970 |
| 2016 | 8,477,609 | 324,717 | 3.8\% | 1.2277 | 2,973 |
| 2017 | 8,309,870 | 721,711 | 8.7\% | 1.1827 | 2,955 |
| 2018 | 8,209,839 | 1,375,772 | 16.8\% | 1.1394 | 3,058 |
| 2019 | 8,090,098 | 942,875 | 11.7\% | 1.0977 | 3,074 |
| 2020 | 7,923,052 | 1,164,217 | 14.7\% | 1.0575 | 3,043 |
| 2021 | 7,863,213 | 681,685 | 8.7\% | 1.0188 | 3,120 |
| 2022 | 6,878,713 | 2,068,918 | 30.1\% | 0.9815 | 2,480 |
| 2023 | 6,573,501 | 2,415,060 | 36.7\% | 0.9456 | 2,426 |
| 2024 | 6,378,893 | 2,801,089 | 43.9\% | 0.9110 | 2,370 |
| 2025 | 6,175,713 | 3,204,626 | 51.9\% | 0.8776 | 2,308 |
| 2026 | 5,958,067 | 3,569,416 | 59.9\% | 0.8455 | 2,241 |
| 2027 | 5,726,543 | 3,873,968 | 67.6\% | 0.8145 | 2,170 |
| 2028 | 5,477,275 | 4,149,620 | 75.8\% | 0.7847 | 2,093 |
| 2029 | 5,209,329 | 4,413,511 | 84.7\% | 0.7560 | 2,010 |
| 2030 | 4,926,700 | 4,643,380 | 94.2\% | 0.7283 | 1,921 |
| 2031 | 4,633,361 | 4,820,960 | 104.0\% | 0.7017 | 1,828 |
| 2032 | 4,331,429 | 4,945,814 | 114.2\% | 0.6760 | 1,730 |
| 2033 | 4,026,006 | 5,052,589 | 125.5\% | 0.6512 | 1,630 |
| 2034 | 3,722,547 | 5,146,633 | 138.3\% | 0.6274 | 1,528 |
| 2035 | 3,424,475 | 5,161,766 | 150.7\% | 0.6044 | 1,426 |
| 2036 | 3,133,568 | 5,170,164 | 165.0\% | 0.5823 | 1,324 |
| 2037 | 2,851,653 | 5,194,060 | 182.1\% | 0.5610 | 1,222 |
| 2038 | 2,579,075 | 5,181,666 | 200.9\% | 0.5404 | 1,122 |
| 2039 | 2,316,307 | 5,122,475 | 221.1\% | 0.5207 | 1,023 |
| 2040 | 2,065,451 | 4,967,624 | 240.5\% | 0.5016 | 926 |
| 2041 | 1,830,038 | 4,756,700 | 259.9\% | 0.4832 | 833 |
| 2042 | 1,609,946 | 4,527,525 | 281.2\% | 0.4655 | 744 |
| 2043 | 1,405,432 | 4,264,141 | 303.4\% | 0.4485 | 659 |
| 2044 | 1,217,019 | 3,962,973 | 325.6\% | 0.4321 | 580 |
| 2045 | 1,045,521 | 3,610,714 | 345.4\% | 0.4163 | 507 |
| 2046 | 891,552 | 3,247,729 | 364.3\% | 0.4010 | 440 |
| 2047 | 755,413 | 2,915,499 | 385.9\% | 0.3863 | 379 |
| 2048 | 635,472 | 2,590,579 | 407.7\% | 0.3722 | 324 |
| 2049 | 530,415 | 2,268,920 | 427.8\% | 0.3586 | 276 |
| 2050 | 439,343 | 1,955,709 | 445.1\% | 0.3454 | 233 |
| 2051 | 361,197 | 1,663,350 | 460.5\% | 0.3328 | 195 |
| 2052 | 294,965 | 1,410,122 | 478.1\% | 0.3206 | 163 |
| 2053 | 239,204 | 1,187,263 | 496.3\% | 0.3089 | 135 |
| 2054 | 192,536 | 989,726 | 514.0\% | 0.2976 | 111 |
| 2055 | 153,780 | 818,125 | 532.0\% | 0.2867 | 91 |
| 2056 | 121,981 | 670,472 | 549.7\% | 0.2762 | 75 |
| 2057 | 96,181 | 539,583 | 561.0\% | 0.2661 | 61 |
| 2058 | 75,380 | 428,685 | 568.7\% | 0.2563 | 49 |
| 2059 | 58,727 | 341,358 | 581.3\% | 0.2469 | 40 |
| 2060 | 45,493 | 273,074 | 600.3\% | 0.2379 | 32 |
| 2061 | 35,085 | 217,945 | 621.2\% | 0.2292 | 26 |
| 2062 | 26,931 | 174,121 | 646.5\% | 0.2208 | 21 |
| 2063 | 20,580 | 137,961 | 670.3\% | 0.2127 | 17 |
| 2064 | 15,657 | 108,516 | 693.1\% | 0.2049 | 13 |
| 2065 | 11,867 | 85,450 | 720.1\% | 0.1974 | 11 |
| 2066 | 8,948 | 67,339 | 752.5\% | 0.1902 | 9 |
| 2067 | 6,708 | 52,853 | 787.9\% | 0.1832 | 7 |
| 2068 | 5,000 | 41,281 | 825.6\% | 0.1765 | 5 |
| 2069 | 3,707 | 32,354 | 872.8\% | 0.1701 | 4 |
| 2070 | 2,729 | 24,964 | 914.6\% | 0.1638 | 3 |
| 2071 | 1,994 | 19,131 | 959.5\% | 0.1578 | 3 |
| 2072 | 1,445 | 14,653 | 1014.2\% | 0.1521 | 2 |
| 2073 | 1,039 | 11,179 | 1076.3\% | 0.1465 | 1 |
| 2074 | 742 | 8,465 | 1141.4\% | 0.1411 | 1 |
| 2075 | 524 | 6,353 | 1213.4\% | 0.1360 | 1 |
| 2076 | 366 | 4,732 | 1292.9\% | 0.1310 | 1 |
| 2077 | 254 | 3,466 | 1364.6\% | 0.1262 | 0 |
| 2078 | 174 | 2,374 | 1361.5\% | 0.1216 | 0 |
| 2079 | 118 | 1,626 | 1375.0\% | 0.1171 | 0 |
| 2080 | 79 | 1,110 | 1396.4\% | 0.1128 | 0 |
| 2081 | 53 | 756 | 1432.0\% | 0.1087 | 0 |


| Accumulated and Present Values as of $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $93,731,399$ | $7,304,318$ | $7.8 \%$ |
| Future: | $70,968,127$ | $73,187,489$ | $103.1 \%$ |
| Lifetime: | $164,699,526$ | $80,491,807$ | $48.9 \%$ |

CONFIDENTIAL
Exhibit 27a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO with All Approved and Requested 0\% Rate Increase Applied Since Issue Including MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 825 | 21.7\% | 0.9815 | 1 |
| 2023 | 3,777 | 991 | 26.2\% | 0.9456 |  |
| 2024 | 3,747 | 1,199 | 32.0\% | 0.9110 | 1 |
| 2025 | 3,716 | 1,455 | 39.2\% | 0.8776 | , |
| 2026 | 3,681 | 1,811 | 49.2\% | 0.8455 | 1 |
| 2027 | 3,643 | 2,469 | 67.8\% | 0.8145 | , |
| 2028 | 3,601 | 2,955 | 82.1\% | 0.7847 | , |
| 2029 | 3,553 | 3,566 | 100.4\% | 0.7560 | 1 |
| 2030 | 3,498 | 4,251 | 121.5\% | 0.7283 | 1 |
| 2031 | 3,437 | 5,002 | 145.5\% | 0.7017 | 1 |
| 2032 | 3,367 | 5,933 | 176.2\% | 0.6760 | 1 |
| 2033 | 3,291 | 6,760 | 205.4\% | 0.6512 | 1 |
| 2034 | 3,207 | 7,961 | 248.2\% | 0.6274 | 1 |
| 2035 | 3,113 | 9,165 | 294.4\% | 0.6044 | 1 |
| 2036 | 3,011 | 10,323 | 342.8\% | 0.5823 | 1 |
| 2037 | 2,900 | 11,394 | 392.8\% | 0.5610 | 1 |
| 2038 | 2,781 | 12,629 | 454.1\% | 0.5404 | 1 |
| 2039 | 2,651 | 13,986 | 527.5\% | 0.5207 | 1 |
| 2040 | 2,511 | 15,194 | 605.2\% | 0.5016 | 1 |
| 2041 | 2,359 | 16,114 | 683.0\% | 0.4832 | 1 |
| 2042 | 2,200 | 16,196 | 736.2\% | 0.4655 | 1 |
| 2043 | 2,033 | 16,641 | 818.5\% | 0.4485 | 0 |
| 2044 | 1,859 | 16,362 | 879.9\% | 0.4321 | 0 |
| 2045 | 1,681 | 15,693 | 933.3\% | 0.4163 | 0 |
| 2046 | 1,503 | 13,915 | 925.6\% | 0.4010 | 0 |
| 2047 | 1,330 | 11,836 | 890.0\% | 0.3863 | 0 |
| 2048 | 1,162 | 10,956 | 942.5\% | 0.3722 | 0 |
| 2049 | 1,001 | 9,849 | 983.5\% | 0.3586 | 0 |
| 2050 | 850 | 8,691 | 1022.5\% | 0.3454 | 0 |
| 2051 | 711 | 7,277 | 1023.8\% | 0.3328 | 0 |
| 2052 | 587 | 5,172 | 881.5\% | 0.3206 | 0 |
| 2053 | 477 | 4,191 | 878.9\% | 0.3089 | 0 |
| 2054 | 381 | 3,364 | 883.9\% | 0.2976 | 0 |
| 2055 | 298 | 2,690 | 903.2\% | 0.2867 | 0 |
| 2056 | 228 | 2,086 | 913.4\% | 0.2762 | 0 |
| 2057 | 171 | 1,431 | 836.7\% | 0.2661 | 0 |
| 2058 | 125 | 978 | 784.2\% | 0.2563 | 0 |
| 2059 | 89 | 665 | 750.0\% | 0.2469 | 0 |
| 2060 | 62 | 447 | 725.8\% | 0.2379 | 0 |
| 2061 | 42 | 296 | 704.3\% | 0.2292 | 0 |
| 2062 | 28 | 190 | 677.4\% | 0.2208 | 0 |
| 2063 | 18 | 118 | 638.5\% | 0.2127 | 0 |
| 2064 | 12 | 69 | 581.9\% | 0.2049 | 0 |
| 2065 | 8 | 38 | 502.2\% | 0.1974 | 0 |
| 2066 | 5 | 19 | 398.1\% | 0.1902 | 0 |
| 2067 | 3 | 8 | 275.0\% | 0.1832 | 0 |
| 2068 | 2 | 3 | 149.9\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 59.7\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 8.7\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,126 | 138,301 | 255.5\% |  |  |
| Lifetime: | 95,940 | 138,356 | 144.2\% |  |  |

CONFIDENTIAL
Exhibit 27b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO with All Approved and Requested 86\% Rate Increase Applied Since Issue Including MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 677 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 1,113,077 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 23,735,039 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 43,211,219 | 80,000 | 0.2\% | 1.3228 | 9,837 |
| 2015 | 45,075,497 | 194,823 | 0.4\% | 1.2743 | 9,705 |
| 2016 | 44,295,012 | 668,171 | 1.5\% | 1.2277 | 9,558 |
| 2017 | 43,604,512 | 53,442 | 0.1\% | 1.1827 | 9,446 |
| 2018 | 42,957,852 | 225,258 | 0.5\% | 1.1394 | 9,327 |
| 2019 | 42,386,281 | 2,170,558 | 5.1\% | 1.0977 | 9,242 |
| 2020 | 41,879,222 | 912,938 | 2.2\% | 1.0575 | 9,155 |
| 2021 | 41,446,511 | 1,559,599 | 3.8\% | 1.0188 | 9,085 |
| 2022 | 40,471,647 | 3,220,326 | 8.0\% | 0.9815 | 8,900 |
| 2023 | 39,936,509 | 4,070,709 | 10.2\% | 0.9456 | 8,787 |
| 2024 | 39,371,925 | 5,185,679 | 13.2\% | 0.9110 | 8,677 |
| 2025 | 38,845,484 | 6,579,048 | 16.9\% | 0.8776 | 8,563 |
| 2026 | 38,282,839 | 8,210,139 | 21.4\% | 0.8455 | 8,438 |
| 2027 | 37,665,945 | 10,046,450 | 26.7\% | 0.8145 | 8,302 |
| 2028 | 36,985,575 | 11,981,167 | 32.4\% | 0.7847 | 8,151 |
| 2029 | 36,232,352 | 14,079,693 | 38.9\% | 0.7560 | 7,984 |
| 2030 | 35,401,854 | 16,451,237 | 46.5\% | 0.7283 | 7,799 |
| 2031 | 34,486,152 | 19,004,891 | 55.1\% | 0.7017 | 7,594 |
| 2032 | 33,476,646 | 21,617,988 | 64.6\% | 0.6760 | 7,369 |
| 2033 | 32,373,304 | 24,186,748 | 74.7\% | 0.6512 | 7,126 |
| 2034 | 31,190,395 | 27,060,319 | 86.8\% | 0.6274 | 6,867 |
| 2035 | 29,936,658 | 30,188,898 | 100.8\% | 0.6044 | 6,592 |
| 2036 | 28,620,098 | 33,381,692 | 116.6\% | 0.5823 | 6,303 |
| 2037 | 27,242,970 | 36,734,707 | 134.8\% | 0.5610 | 6,000 |
| 2038 | 25,809,821 | 39,943,079 | 154.8\% | 0.5404 | 5,683 |
| 2039 | 24,326,117 | 43,087,697 | 177.1\% | 0.5207 | 5,355 |
| 2040 | 22,799,891 | 46,053,096 | 202.0\% | 0.5016 | 5,016 |
| 2041 | 21,242,855 | 48,281,672 | 227.3\% | 0.4832 | 4,672 |
| 2042 | 19,670,041 | 50,054,943 | 254.5\% | 0.4655 | 4,323 |
| 2043 | 18,098,873 | 51,506,782 | 284.6\% | 0.4485 | 3,975 |
| 2044 | 16,539,343 | 52,173,225 | 315.4\% | 0.4321 | 3,628 |
| 2045 | 15,005,243 | 51,989,648 | 346.5\% | 0.4163 | 3,289 |
| 2046 | 13,518,619 | 50,795,702 | 375.7\% | 0.4010 | 2,962 |
| 2047 | 12,098,250 | 49,319,290 | 407.7\% | 0.3863 | 2,649 |
| 2048 | 10,757,401 | 47,891,331 | 445.2\% | 0.3722 | 2,354 |
| 2049 | 9,498,810 | 45,819,708 | 482.4\% | 0.3586 | 2,076 |
| 2050 | 8,326,271 | 43,089,795 | 517.5\% | 0.3454 | 1,817 |
| 2051 | 7,244,955 | 39,707,661 | 548.1\% | 0.3328 | 1,579 |
| 2052 | 6,259,907 | 36,225,026 | 578.7\% | 0.3206 | 1,363 |
| 2053 | 5,373,340 | 33,135,097 | 616.7\% | 0.3089 | 1,169 |
| 2054 | 4,580,095 | 30,074,877 | 656.6\% | 0.2976 | 994 |
| 2055 | 3,875,595 | 27,037,933 | 697.6\% | 0.2867 | 840 |
| 2056 | 3,256,159 | 24,146,470 | 741.6\% | 0.2762 | 705 |
| 2057 | 2,718,075 | 21,278,805 | 782.9\% | 0.2661 | 588 |
| 2058 | 2,255,747 | 18,361,963 | 814.0\% | 0.2563 | 488 |
| 2059 | 1,860,667 | 15,668,536 | 842.1\% | 0.2469 | 402 |
| 2060 | 1,525,421 | 13,469,579 | 883.0\% | 0.2379 | 329 |
| 2061 | 1,243,246 | 11,610,287 | 933.9\% | 0.2292 | 268 |
| 2062 | 1,007,639 | 9,936,876 | 986.2\% | 0.2208 | 217 |
| 2063 | 812,250 | 8,455,101 | 1040.9\% | 0.2127 | 175 |
| 2064 | 651,316 | 7,126,254 | 1094.1\% | 0.2049 | 141 |
| 2065 | 519,925 | 5,963,426 | 1147.0\% | 0.1974 | 112 |
| 2066 | 413,219 | 4,993,931 | 1208.5\% | 0.1902 | 89 |
| 2067 | 326,878 | 4,156,019 | 1271.4\% | 0.1832 | 71 |
| 2068 | 257,471 | 3,412,113 | 1325.2\% | 0.1765 | 56 |
| 2069 | 201,974 | 2,789,294 | 1381.0\% | 0.1701 | 44 |
| 2070 | 157,788 | 2,283,329 | 1447.1\% | 0.1638 | 34 |
| 2071 | 122,635 | 1,844,599 | 1504.1\% | 0.1578 | 27 |
| 2072 | 94,703 | 1,478,703 | 1561.4\% | 0.1521 | 20 |
| 2073 | 72,592 | 1,180,999 | 1626.9\% | 0.1465 | 16 |
| 2074 | 55,229 | 941,712 | 1705.1\% | 0.1411 | 12 |
| 2075 | 41,727 | 740,411 | 1774.4\% | 0.1360 | 9 |
| 2076 | 31,305 | 576,327 | 1841.0\% | 0.1310 | 7 |
| 2077 | 23,276 | 448,939 | 1928.7\% | 0.1262 | 5 |
| 2078 | 17,161 | 337,765 | 1968.2\% | 0.1216 | 4 |
| 2079 | 12,537 | 243,067 | 1938.8\% | 0.1171 | 3 |
| 2080 | 9,084 | 173,605 | 1911.2\% | 0.1128 | 2 |
| 2081 年,522 0 |  |  | 0 1906.3\% | 0.1087 | 1 |
|  |  |  |  |  |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 436,719,809 | 6,435,742 |  | 1.5\% |  |  |
| Future: | 542,381,633 | 542,715,595 | 100.1\% |  |  |
| Lifetime: | 979,101,442 | 549,151,337 | 56.1\% |  |  |

Exhibit 27c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO with All Approved and Requested 0\% Rate Increase

Applied Since Issue Including MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 693,850 | 173,655 | 25.0\% | 0.9815 | 369 |
| 2023 | 676,540 | 214,583 | 31.7\% | 0.9456 | 362 |
| 2024 | 658,342 | 260,937 | 39.6\% | 0.9110 | 355 |
| 2025 | 638,755 | 312,761 | 49.0\% | 0.8776 | 347 |
| 2026 | 620,772 | 366,761 | 59.1\% | 0.8455 | 338 |
| 2027 | 600,918 | 417,381 | 69.5\% | 0.8145 | 329 |
| 2028 | 579,974 | 462,009 | 79.7\% | 0.7847 | 319 |
| 2029 | 557,391 | 500,851 | 89.9\% | 0.7560 | 309 |
| 2030 | 533,200 | 537,322 | 100.8\% | 0.7283 | 297 |
| 2031 | 507,598 | 569,787 | 112.3\% | 0.7017 | 285 |
| 2032 | 480,678 | 595,331 | 123.9\% | 0.6760 | 272 |
| 2033 | 452,690 | 615,029 | 135.9\% | 0.6512 | 258 |
| 2034 | 424,246 | 630,096 | 148.5\% | 0.6274 | 244 |
| 2035 | 395,482 | 640,289 | 161.9\% | 0.6044 | 230 |
| 2036 | 367,060 | 646,107 | 176.0\% | 0.5823 | 215 |
| 2037 | 339,108 | 653,956 | 192.8\% | 0.5610 | 201 |
| 2038 | 311,651 | 662,022 | 212.4\% | 0.5404 | 186 |
| 2039 | 284,851 | 662,501 | 232.6\% | 0.5207 | 172 |
| 2040 | 258,816 | 654,871 | 253.0\% | 0.5016 | 157 |
| 2041 | 233,725 | 634,819 | 271.6\% | 0.4832 | 143 |
| 2042 | 209,765 | 608,662 | 290.2\% | 0.4655 | 130 |
| 2043 | 187,157 | 583,261 | 311.6\% | 0.4485 | 117 |
| 2044 | 165,943 | 552,837 | 333.1\% | 0.4321 | 105 |
| 2045 | 146,123 | 517,982 | 354.5\% | 0.4163 | 93 |
| 2046 | 127,848 | 476,785 | 372.9\% | 0.4010 | 82 |
| 2047 | 111,202 | 435,638 | 391.8\% | 0.3863 | 72 |
| 2048 | 96,248 | 397,828 | 413.3\% | 0.3722 | 63 |
| 2049 | 82,817 | 358,856 | 433.3\% | 0.3586 | 55 |
| 2050 | 70,829 | 319,263 | 450.8\% | 0.3454 | 47 |
| 2051 | 60,237 | 279,454 | 463.9\% | 0.3328 | 41 |
| 2052 | 50,983 | 243,174 | 477.0\% | 0.3206 | 35 |
| 2053 | 42,979 | 212,610 | 494.7\% | 0.3089 | 29 |
| 2054 | 36,077 | 183,818 | 509.5\% | 0.2976 | 25 |
| 2055 | 30,153 | 157,972 | 523.9\% | 0.2867 | 21 |
| 2056 | 25,125 | 135,914 | 541.0\% | 0.2762 | 18 |
| 2057 | 20,875 | 116,598 | 558.6\% | 0.2661 | 15 |
| 2058 | 17,306 | 98,377 | 568.5\% | 0.2563 | 12 |
| 2059 | 14,304 | 82,857 | 579.3\% | 0.2469 | 10 |
| 2060 | 11,793 | 70,196 | 595.2\% | 0.2379 | 9 |
| 2061 | 9,690 | 59,632 | 615.4\% | 0.2292 | 7 |
| 2062 | 7,943 | 50,461 | 635.3\% | 0.2208 | 6 |
| 2063 | 6,488 | 42,362 | 652.9\% | 0.2127 | 5 |
| 2064 | 5,285 | 35,507 | 671.9\% | 0.2049 | 4 |
| 2065 | 4,291 | 29,842 | 695.5\% | 0.1974 | 3 |
| 2066 | 3,470 | 24,795 | 714.5\% | 0.1902 | 3 |
| 2067 | 2,793 | 20,437 | 731.6\% | 0.1832 | 2 |
| 2068 | 2,235 | 16,139 | 722.0\% | 0.1765 | 2 |
| 2069 | 1,777 | 13,069 | 735.4\% | 0.1701 | 1 |
| 2070 | 1,400 | 10,415 | 744.2\% | 0.1638 | 1 |
| 2071 | 1,092 | 8,134 | 745.0\% | 0.1578 | 1 |
| 2072 | 841 | 6,225 | 740.1\% | 0.1521 | 1 |
| 2073 | 640 | 4,671 | 730.1\% | 0.1465 | 1 |
| 2074 | 479 | 3,484 | 727.8\% | 0.1411 | 0 |
| 2075 | 354 | 2,570 | 726.7\% | 0.1360 | 0 |
| 2076 | 258 | 1,884 | 730.7\% | 0.1310 | 0 |
| 2077 | 185 | 1,366 | 737.4\% | 0.1262 | 0 |
| 2078 | 131 | 942 | 720.2\% | 0.1216 | 0 |
| 2079 | 91 | 633 | 692.1\% | 0.1171 | 0 |
| 2080 | 63 | 421 | 667.3\% | 0.1128 | 0 |
| 2081 | 43 | 278 | 645.1\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 7,557,472 | 689,346 | 9.1\% |  |  |
| Future: | 7,805,448 | 9,014,417 | 115.5\% |  |  |
| Lifetime: | 15,362,919 | 9,703,762 | 63.2\% |  |  |

Exhibit 28a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO Without Rate Increase without MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 | 2,907 |
| 2023 | 6,999,570 | 2,785,495 | 39.8\% | 0.9456 | 2,878 |
| 2024 | 6,903,511 | 3,206,624 | 46.4\% | 0.9110 | 2,848 |
| 2025 | 6,808,505 | 3,678,549 | 54.0\% | 0.8776 | 2,816 |
| 2026 | 6,706,274 | 4,197,085 | 62.6\% | 0.8455 | 2,781 |
| 2027 | 6,592,921 | 4,739,806 | 71.9\% | 0.8145 | 2,744 |
| 2028 | 6,464,699 | 5,387,085 | 83.3\% | 0.7847 | 2,703 |
| 2029 | 6,330,202 | 6,153,046 | 97.2\% | 0.7560 | 2,657 |
| 2030 | 6,184,136 | 6,960,493 | 112.6\% | 0.7283 | 2,605 |
| 2031 | 6,025,630 | 7,746,163 | 128.6\% | 0.7017 | 2,548 |
| 2032 | 5,850,212 | 8,527,669 | 145.8\% | 0.6760 | 2,485 |
| 2033 | 5,664,087 | 9,610,270 | 169.7\% | 0.6512 | 2,418 |
| 2034 | 5,465,763 | 10,943,484 | 200.2\% | 0.6274 | 2,345 |
| 2035 | 5,255,861 | 12,204,588 | 232.2\% | 0.6044 | 2,267 |
| 2036 | 5,035,494 | 13,349,394 | 265.1\% | 0.5823 | 2,184 |
| 2037 | 4,805,656 | 14,379,095 | 299.2\% | 0.5610 | 2,097 |
| 2038 | 4,566,406 | 15,592,048 | 341.5\% | 0.5404 | 2,005 |
| 2039 | 4,318,416 | 16,960,042 | 392.7\% | 0.5207 | 1,910 |
| 2040 | 4,065,564 | 18,070,902 | 444.5\% | 0.5016 | 1,810 |
| 2041 | 3,808,406 | 19,031,895 | 499.7\% | 0.4832 | 1,708 |
| 2042 | 3,548,549 | 19,801,206 | 558.0\% | 0.4655 | 1,604 |
| 2043 | 3,287,293 | 20,428,049 | 621.4\% | 0.4485 | 1,498 |
| 2044 | 3,028,089 | 21,013,729 | 694.0\% | 0.4321 | 1,391 |
| 2045 | 2,774,184 | 21,232,656 | 765.4\% | 0.4163 | 1,286 |
| 2046 | 2,527,517 | 21,366,390 | 845.4\% | 0.4010 | 1,183 |
| 2047 | 2,290,667 | 21,388,218 | 933.7\% | 0.3863 | 1,082 |
| 2048 | 2,064,121 | 20,973,797 | 1016.1\% | 0.3722 | 985 |
| 2049 | 1,848,389 | 20,257,657 | 1096.0\% | 0.3586 | 891 |
| 2050 | 1,644,441 | 19,299,145 | 1173.6\% | 0.3454 | 802 |
| 2051 | 1,455,706 | 18,391,350 | 1263.4\% | 0.3328 | 718 |
| 2052 | 1,281,555 | 17,631,731 | 1375.8\% | 0.3206 | 640 |
| 2053 | 1,121,778 | 16,753,123 | 1493.4\% | 0.3089 | 567 |
| 2054 | 976,300 | 15,756,096 | 1613.9\% | 0.2976 | 500 |
| 2055 | 844,865 | 14,704,737 | 1740.5\% | 0.2867 | 439 |
| 2056 | 727,354 | 13,615,125 | 1871.9\% | 0.2762 | 384 |
| 2057 | 623,215 | 12,299,394 | 1973.5\% | 0.2661 | 334 |
| 2058 | 531,343 | 10,993,232 | 2069.0\% | 0.2563 | 289 |
| 2059 | 450,838 | 10,043,123 | 2227.7\% | 0.2469 | 250 |
| 2060 | 380,714 | 9,248,008 | 2429.1\% | 0.2379 | 215 |
| 2061 | 320,018 | 8,572,500 | 2678.8\% | 0.2292 | 184 |
| 2062 | 267,767 | 7,904,710 | 2952.1\% | 0.2208 | 157 |
| 2063 | 223,095 | 7,237,067 | 3243.9\% | 0.2127 | 134 |
| 2064 | 185,192 | 6,570,212 | 3547.8\% | 0.2049 | 113 |
| 2065 | 153,114 | 5,944,171 | 3882.2\% | 0.1974 | 96 |
| 2066 | 126,046 | 5,334,651 | 4232.3\% | 0.1902 | 80 |
| 2067 | 103,311 | 4,652,696 | 4503.6\% | 0.1832 | 67 |
| 2068 | 84,312 | 4,007,185 | 4752.8\% | 0.1765 | 56 |
| 2069 | 68,495 | 3,527,302 | 5149.7\% | 0.1701 | 46 |
| 2070 | 55,349 | 3,081,131 | 5566.7\% | 0.1638 | 38 |
| 2071 | 44,468 | 2,646,139 | 5950.7\% | 0.1578 | 31 |
| 2072 | 35,507 | 2,235,025 | 6294.6\% | 0.1521 | 25 |
| 2073 | 28,180 | 1,877,274 | 6661.8\% | 0.1465 | 20 |
| 2074 | 22,242 | 1,520,789 | 6837.6\% | 0.1411 | 16 |
| 2075 | 17,454 | 1,215,461 | 6963.7\% | 0.1360 | 13 |
| 2076 | 13,616 | 949,704 | 6975.0\% | 0.1310 | 10 |
| 2077 | 10,556 | 709,148 | 6717.9\% | 0.1262 | 8 |
| 2078 | 8,135 | 529,822 | 6513.2\% | 0.1216 | 6 |
| 2079 | 6,227 | 390,209 | 6266.2\% | 0.1171 | 4 |
| 2080 | 4,732 | 283,783 | 5996.8\% | 0.1128 | 3 |
| 2081 | 3,567 | 208,443 | 5844.4\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 98,536,435 | 244,053,873 | 247.7\% |  |  |
| Lifetime: | 236,185,488 | 253,098,227 | 107.2\% |  |  |

CONFIDENTIAL
Exhibit 28b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime Low BIO Without Rate Increase without MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,233 | 286,406 | 66.7\% | 0.9815 | 162 |
| 2023 | 398,760 | 309,556 | 77.6\% | 0.9456 | 160 |
| 2024 | 389,698 | 331,001 | 84.9\% | 0.9110 | 158 |
| 2025 | 379,481 | 348,263 | 91.8\% | 0.8776 | 155 |
| 2026 | 368,082 | 361,919 | 98.3\% | 0.8455 | 152 |
| 2027 | 355,544 | 377,964 | 106.3\% | 0.8145 | 148 |
| 2028 | 341,799 | 394,818 | 115.5\% | 0.7847 | 145 |
| 2029 | 326,946 | 413,886 | 126.6\% | 0.7560 | 140 |
| 2030 | 311,064 | 431,222 | 138.6\% | 0.7283 | 136 |
| 2031 | 294,299 | 441,672 | 150.1\% | 0.7017 | 131 |
| 2032 | 276,946 | 454,687 | 164.2\% | 0.6760 | 126 |
| 2033 | 259,478 | 479,032 | 184.6\% | 0.6512 | 120 |
| 2034 | 242,069 | 509,685 | 210.6\% | 0.6274 | 114 |
| 2035 | 224,838 | 533,298 | 237.2\% | 0.6044 | 108 |
| 2036 | 207,911 | 548,635 | 263.9\% | 0.5823 | 102 |
| 2037 | 191,429 | 557,763 | 291.4\% | 0.5610 | 96 |
| 2038 | 175,416 | 570,449 | 325.2\% | 0.5404 | 90 |
| 2039 | 159,948 | 584,604 | 365.5\% | 0.5207 | 83 |
| 2040 | 145,079 | 588,027 | 405.3\% | 0.5016 | 77 |
| 2041 | 130,891 | 584,483 | 446.5\% | 0.4832 | 71 |
| 2042 | 117,461 | 572,820 | 487.7\% | 0.4655 | 65 |
| 2043 | 104,775 | 552,575 | 527.4\% | 0.4485 | 59 |
| 2044 | 92,860 | 526,944 | 567.5\% | 0.4321 | 53 |
| 2045 | 81,781 | 488,790 | 597.7\% | 0.4163 | 47 |
| 2046 | 71,588 | 450,033 | 628.6\% | 0.4010 | 42 |
| 2047 | 62,298 | 415,281 | 666.6\% | 0.3863 | 37 |
| 2048 | 53,854 | 376,766 | 699.6\% | 0.3722 | 32 |
| 2049 | 46,234 | 334,587 | 723.7\% | 0.3586 | 28 |
| 2050 | 39,425 | 290,448 | 736.7\% | 0.3454 | 24 |
| 2051 | 33,400 | 248,380 | 743.7\% | 0.3328 | 21 |
| 2052 | 28,130 | 213,338 | 758.4\% | 0.3206 | 18 |
| 2053 | 23,528 | 183,590 | 780.3\% | 0.3089 | 15 |
| 2054 | 19,537 | 155,500 | 795.9\% | 0.2976 | 12 |
| 2055 | 16,109 | 130,139 | 807.9\% | 0.2867 | 10 |
| 2056 | 13,195 | 107,334 | 813.4\% | 0.2762 | 8 |
| 2057 | 10,744 | 85,638 | 797.1\% | 0.2661 | 7 |
| 2058 | 8,693 | 67,898 | 781.0\% | 0.2563 | 6 |
| 2059 | 6,994 | 54,983 | 786.2\% | 0.2469 | 5 |
| 2060 | 5,596 | 44,351 | 792.6\% | 0.2379 | 4 |
| 2061 | 4,452 | 35,650 | 800.7\% | 0.2292 | 3 |
| 2062 | 3,523 | 28,148 | 799.0\% | 0.2208 | 2 |
| 2063 | 2,773 | 21,729 | 783.6\% | 0.2127 | 2 |
| 2064 | 2,173 | 16,891 | 777.4\% | 0.2049 | 1 |
| 2065 | 1,693 | 12,943 | 764.3\% | 0.1974 | 1 |
| 2066 | 1,312 | 9,908 | 755.4\% | 0.1902 | 1 |
| 2067 | 1,008 | 7,449 | 739.3\% | 0.1832 | 1 |
| 2068 | 768 | 5,532 | 720.1\% | 0.1765 | 1 |
| 2069 | 579 | 4,110 | 709.4\% | 0.1701 | 0 |
| 2070 | 432 | 3,060 | 708.2\% | 0.1638 | 0 |
| 2071 | 318 | 2,258 | 710.0\% | 0.1578 | 0 |
| 2072 | 231 | 1,651 | 714.6\% | 0.1521 | 0 |
| 2073 | 166 | 1,168 | 702.2\% | 0.1465 | 0 |
| 2074 | 118 | 811 | 687.0\% | 0.1411 | 0 |
| 2075 | 83 | 563 | 680.2\% | 0.1360 | 0 |
| 2076 | 57 | 384 | 670.1\% | 0.1310 | 0 |
| 2077 | 39 | 254 | 649.0\% | 0.1262 | 0 |
| 2078 | 27 | 167 | 629.9\% | 0.1216 | 0 |
| 2079 | 18 | 108 | 612.5\% | 0.1171 | 0 |
| 2080 | 12 | 69 | 587.8\% | 0.1128 | 0 |
| 2081 | 8 | 43 | 559.4\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 5,577,936 | 260,865 | 4.7\% |  |  |
| Future: | 4,554,714 | 8,189,325 | 179.8\% |  |  |
| Lifetime: | 10,132,650 | 8,450,191 | 83.4\% |  |  |

CONFIDENTIAL
Exhibit 28c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO Without Rate Increase without MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 113,667,780 | 33,012,611 | 29.0\% | 0.9456 | 57,343 |
| 2024 | 111,802,889 | 40,029,364 | 35.8\% | 0.9110 | 56,542 |
| 2025 | 109,882,264 | 48,067,697 | 43.7\% | 0.8776 | 55,689 |
| 2026 | 107,849,911 | 56,871,550 | 52.7\% | 0.8455 | 54,769 |
| 2027 | 105,663,314 | 66,220,682 | 62.7\% | 0.8145 | 53,763 |
| 2028 | 103,293,797 | 76,845,566 | 74.4\% | 0.7847 | 52,658 |
| 2029 | 100,706,080 | 89,138,162 | 88.5\% | 0.7560 | 51,435 |
| 2030 | 97,849,687 | 102,158,941 | 104.4\% | 0.7283 | 50,069 |
| 2031 | 94,714,177 | 115,017,138 | 121.4\% | 0.7017 | 48,557 |
| 2032 | 91,290,290 | 128,254,752 | 140.5\% | 0.6760 | 46,915 |
| 2033 | 87,623,724 | 144,405,781 | 164.8\% | 0.6512 | 45,154 |
| 2034 | 83,745,090 | 162,691,372 | 194.3\% | 0.6274 | 43,281 |
| 2035 | 79,675,619 | 179,644,123 | 225.5\% | 0.6044 | 41,307 |
| 2036 | 75,444,006 | 194,623,447 | 258.0\% | 0.5823 | 39,244 |
| 2037 | 71,082,698 | 207,359,541 | 291.7\% | 0.5610 | 37,102 |
| 2038 | 66,616,437 | 219,168,796 | 329.0\% | 0.5404 | 34,893 |
| 2039 | 62,074,227 | 230,431,984 | 371.2\% | 0.5207 | 32,633 |
| 2040 | 57,494,173 | 237,772,485 | 413.6\% | 0.5016 | 30,343 |
| 2041 | 52,929,039 | 242,450,768 | 458.1\% | 0.4832 | 28,049 |
| 2042 | 48,429,718 | 245,580,786 | 507.1\% | 0.4655 | 25,768 |
| 2043 | 44,025,457 | 246,282,396 | 559.4\% | 0.4485 | 23,518 |
| 2044 | 39,745,469 | 244,721,382 | 615.7\% | 0.4321 | 21,322 |
| 2045 | 35,634,079 | 239,008,569 | 670.7\% | 0.4163 | 19,207 |
| 2046 | 31,735,660 | 231,147,389 | 728.4\% | 0.4010 | 17,195 |
| 2047 | 28,083,918 | 223,067,727 | 794.3\% | 0.3863 | 15,294 |
| 2048 | 24,685,989 | 212,571,561 | 861.1\% | 0.3722 | 13,510 |
| 2049 | 21,543,778 | 199,504,017 | 926.0\% | 0.3586 | 11,851 |
| 2050 | 18,664,771 | 184,373,644 | 987.8\% | 0.3454 | 10,325 |
| 2051 | 16,059,456 | 168,640,389 | 1050.1\% | 0.3328 | 8,939 |
| 2052 | 13,728,656 | 154,393,438 | 1124.6\% | 0.3206 | 7,688 |
| 2053 | 11,657,527 | 140,662,393 | 1206.6\% | 0.3089 | 6,568 |
| 2054 | 9,829,322 | 126,913,593 | 1291.2\% | 0.2976 | 5,573 |
| 2055 | 8,229,676 | 113,781,513 | 1382.6\% | 0.2867 | 4,698 |
| 2056 | 6,845,639 | 101,063,644 | 1476.3\% | 0.2762 | 3,938 |
| 2057 | 5,661,207 | 88,032,743 | 1555.0\% | 0.2661 | 3,283 |
| 2058 | 4,654,429 | 75,764,045 | 1627.8\% | 0.2563 | 2,722 |
| 2059 | 3,803,921 | 65,625,987 | 1725.2\% | 0.2469 | 2,244 |
| 2060 | 3,090,897 | 57,052,509 | 1845.8\% | 0.2379 | 1,840 |
| 2061 | 2,497,839 | 49,491,938 | 1981.4\% | 0.2292 | 1,502 |
| 2062 | 2,007,838 | 42,796,846 | 2131.5\% | 0.2208 | 1,220 |
| 2063 | 1,605,502 | 36,722,838 | 2287.3\% | 0.2127 | 987 |
| 2064 | 1,277,821 | 31,265,239 | 2446.8\% | 0.2049 | 795 |
| 2065 | 1,012,574 | 26,569,152 | 2623.9\% | 0.1974 | 638 |
| 2066 | 798,771 | 22,485,802 | 2815.0\% | 0.1902 | 510 |
| 2067 | 627,274 | 18,822,072 | 3000.6\% | 0.1832 | 406 |
| 2068 | 490,453 | 15,601,693 | 3181.1\% | 0.1765 | 322 |
| 2069 | 381,938 | 13,064,141 | 3420.5\% | 0.1701 | 255 |
| 2070 | 295,987 | 10,853,264 | 3666.8\% | 0.1638 | 200 |
| 2071 | 227,962 | 8,877,856 | 3894.4\% | 0.1578 | 156 |
| 2072 | 174,296 | 7,254,506 | 4162.2\% | 0.1521 | 121 |
| 2073 | 132,227 | 5,870,424 | 4439.7\% | 0.1465 | 93 |
| 2074 | 99,536 | 4,669,667 | 4691.4\% | 0.1411 | 71 |
| 2075 | 74,376 | 3,684,286 | 4953.6\% | 0.1360 | 54 |
| 2076 | 55,106 | 2,880,464 | 5227.1\% | 0.1310 | 41 |
| 2077 | 40,463 | 2,206,814 | 5453.9\% | 0.1262 | 30 |
| 2078 | 29,452 | 1,626,123 | 5521.3\% | 0.1216 | 22 |
| 2079 | 21,260 | 1,189,649 | 5595.6\% | 0.1171 | 17 |
| 2080 | 15,212 | 867,304 | 5701.5\% | 0.1128 | 12 |
| 2081 | 10,787 | 629,662 | 5837.4\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 1,473,653,382 | 2,820,766,084 | 191.4\% |  |  |
| Lifetime: | 3,086,279,634 | 2,896,764,292 | 93.9\% |  |  |

CONFIDENTIAL
Exhibit 28d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO Without Rate Increase without MAE
Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,380,542 | 1,823,455 | 41.6\% | 0.9815 | 2,471 |
| 2023 | 4,153,377 | 2,091,710 | 50.4\% | 0.9456 | 2,415 |
| 2024 | 4,029,547 | 2,376,381 | 59.0\% | 0.9110 | 2,361 |
| 2025 | 3,904,544 | 2,655,495 | 68.0\% | 0.8776 | 2,301 |
| 2026 | 3,770,810 | 2,919,570 | 77.4\% | 0.8455 | 2,236 |
| 2027 | 3,628,684 | 3,170,869 | 87.4\% | 0.8145 | 2,167 |
| 2028 | 3,475,434 | 3,422,440 | 98.5\% | 0.7847 | 2,091 |
| 2029 | 3,310,094 | 3,678,059 | 111.1\% | 0.7560 | 2,010 |
| 2030 | 3,134,543 | 3,896,363 | 124.3\% | 0.7283 | 1,921 |
| 2031 | 2,950,823 | 4,064,815 | 137.8\% | 0.7017 | 1,828 |
| 2032 | 2,760,550 | 4,233,969 | 153.4\% | 0.6760 | 1,730 |
| 2033 | 2,567,133 | 4,447,186 | 173.2\% | 0.6512 | 1,628 |
| 2034 | 2,374,001 | 4,659,297 | 196.3\% | 0.6274 | 1,526 |
| 2035 | 2,183,332 | 4,794,656 | 219.6\% | 0.6044 | 1,422 |
| 2036 | 1,996,295 | 4,859,337 | 243.4\% | 0.5823 | 1,319 |
| 2037 | 1,814,802 | 4,871,426 | 268.4\% | 0.5610 | 1,215 |
| 2038 | 1,639,447 | 4,845,603 | 295.6\% | 0.5404 | 1,114 |
| 2039 | 1,470,634 | 4,780,765 | 325.1\% | 0.5207 | 1,014 |
| 2040 | 1,309,914 | 4,633,188 | 353.7\% | 0.5016 | 917 |
| 2041 | 1,159,670 | 4,438,616 | 382.7\% | 0.4832 | 824 |
| 2042 | 1,019,856 | 4,230,717 | 414.8\% | 0.4655 | 736 |
| 2043 | 890,448 | 3,993,904 | 448.5\% | 0.4485 | 653 |
| 2044 | 771,614 | 3,723,600 | 482.6\% | 0.4321 | 574 |
| 2045 | 663,580 | 3,404,673 | 513.1\% | 0.4163 | 502 |
| 2046 | 566,578 | 3,073,778 | 542.5\% | 0.4010 | 436 |
| 2047 | 480,760 | 2,769,715 | 576.1\% | 0.3863 | 376 |
| 2048 | 405,070 | 2,470,313 | 609.8\% | 0.3722 | 322 |
| 2049 | 338,671 | 2,171,991 | 641.3\% | 0.3586 | 274 |
| 2050 | 281,005 | 1,879,584 | 668.9\% | 0.3454 | 232 |
| 2051 | 231,432 | 1,604,780 | 693.4\% | 0.3328 | 195 |
| 2052 | 189,335 | 1,365,522 | 721.2\% | 0.3206 | 162 |
| 2053 | 153,814 | 1,153,767 | 750.1\% | 0.3089 | 135 |
| 2054 | 124,015 | 965,142 | 778.2\% | 0.2976 | 111 |
| 2055 | 99,214 | 800,524 | 806.9\% | 0.2867 | 91 |
| 2056 | 78,819 | 658,152 | 835.0\% | 0.2762 | 75 |
| 2057 | 62,236 | 531,271 | 853.6\% | 0.2661 | 61 |
| 2058 | 48,838 | 423,236 | 866.6\% | 0.2563 | 49 |
| 2059 | 38,090 | 337,651 | 886.5\% | 0.2469 | 40 |
| 2060 | 29,534 | 270,404 | 915.6\% | 0.2379 | 32 |
| 2061 | 22,793 | 215,940 | 947.4\% | 0.2292 | 26 |
| 2062 | 17,506 | 172,571 | 985.8\% | 0.2208 | 21 |
| 2063 | 13,383 | 136,782 | 1022.0\% | 0.2127 | 17 |
| 2064 | 10,185 | 107,653 | 1057.0\% | 0.2049 | 14 |
| 2065 | 7,722 | 84,817 | 1098.4\% | 0.1974 | 11 |
| 2066 | 5,824 | 66,881 | 1148.3\% | 0.1902 | 9 |
| 2067 | 4,368 | 52,563 | 1203.4\% | 0.1832 | 7 |
| 2068 | 3,258 | 41,141 | 1262.8\% | 0.1765 | 5 |
| 2069 | 2,418 | 32,327 | 1336.9\% | 0.1701 | 4 |
| 2070 | 1,783 | 25,014 | 1402.9\% | 0.1638 | 3 |
| 2071 | 1,305 | 19,229 | 1473.4\% | 0.1578 | 3 |
| 2072 | 948 | 14,781 | 1559.3\% | 0.1521 | 2 |
| 2073 | 683 | 11,320 | 1656.9\% | 0.1465 | 2 |
| 2074 | 489 | 8,610 | 1759.9\% | 0.1411 | 1 |
| 2075 | 347 | 6,493 | 1873.4\% | 0.1360 | 1 |
| 2076 | 243 | 4,860 | 1998.7\% | 0.1310 | 1 |
| 2077 | 169 | 3,580 | 2114.5\% | 0.1262 | 0 |
| 2078 | 117 | 2,471 | 2118.7\% | 0.1216 | 0 |
| 2079 | 79 | 1,705 | 2147.2\% | 0.1171 | 0 |
| 2080 | 54 | 1,172 | 2188.8\% | 0.1128 | 0 |
| 2081 | 36 | 805 | 2251.7\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 59,323,670 | 7,304,318 | 12.3\% |  |  |
| Future: | 45,051,280 | 65,255,648 | 144.8\% |  |  |
| Lifetime: | 104,374,950 | 72,559,967 | 69.5\% |  |  |

Exhibit 29a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO Without Rate Increase* without MAE Applicable to Policies Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 717 | 18.8\% | 0.9815 | 1 |
| 2023 | 3,775 | 824 | 21.8\% | 0.9456 | 1 |
| 2024 | 3,743 | 957 | 25.6\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,131 | 30.5\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,375 | 37.4\% | 0.8455 | 1 |
| 2027 | 3,636 | 1,857 | 51.1\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,166 | 60.2\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,588 | 72.9\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,054 | 87.4\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,578 | 104.1\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,228 | 125.5\% | 0.6760 | 1 |
| 2033 | 3,296 | 4,837 | 146.7\% | 0.6512 | 1 |
| 2034 | 3,215 | 5,789 | 180.1\% | 0.6274 | 1 |
| 2035 | 3,124 | 6,762 | 216.5\% | 0.6044 | 1 |
| 2036 | 3,024 | 7,697 | 254.5\% | 0.5823 | 1 |
| 2037 | 2,915 | 8,446 | 289.8\% | 0.5610 | 1 |
| 2038 | 2,797 | 9,283 | 331.9\% | 0.5404 | 1 |
| 2039 | 2,668 | 10,205 | 382.4\% | 0.5207 | 1 |
| 2040 | 2,529 | 11,018 | 435.7\% | 0.5016 | 1 |
| 2041 | 2,379 | 11,623 | 488.6\% | 0.4832 | 1 |
| 2042 | 2,220 | 11,621 | 523.4\% | 0.4655 | 1 |
| 2043 | 2,055 | 11,899 | 579.1\% | 0.4485 | 0 |
| 2044 | 1,882 | 11,679 | 620.5\% | 0.4321 | 0 |
| 2045 | 1,705 | 11,196 | 656.8\% | 0.4163 | 0 |
| 2046 | 1,527 | 9,932 | 650.3\% | 0.4010 | 0 |
| 2047 | 1,354 | 8,443 | 623.7\% | 0.3863 | 0 |
| 2048 | 1,186 | 7,822 | 659.7\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,045 | 688.1\% | 0.3586 | 0 |
| 2050 | 871 | 6,239 | 716.1\% | 0.3454 | 0 |
| 2051 | 731 | 5,251 | 718.8\% | 0.3328 | 0 |
| 2052 | 605 | 3,757 | 621.2\% | 0.3206 | 0 |
| 2053 | 493 | 3,067 | 621.8\% | 0.3089 | 0 |
| 2054 | 395 | 2,480 | 628.0\% | 0.2976 | 0 |
| 2055 | 310 | 1,999 | 644.3\% | 0.2867 | 0 |
| 2056 | 239 | 1,564 | 654.6\% | 0.2762 | 0 |
| 2057 | 180 | 1,084 | 602.7\% | 0.2661 | 0 |
| 2058 | 132 | 748 | 567.2\% | 0.2563 | 0 |
| 2059 | 94 | 513 | 544.0\% | 0.2469 | 0 |
| 2060 | 66 | 349 | 527.6\% | 0.2379 | 0 |
| 2061 | 45 | 233 | 512.7\% | 0.2292 | 0 |
| 2062 | 31 | 151 | 493.5\% | 0.2208 | 0 |
| 2063 | 20 | 94 | 465.4\% | 0.2127 | 0 |
| 2064 | 13 | 56 | 424.3\% | 0.2049 | 0 |
| 2065 | 8 | 31 | 366.2\% | 0.1974 | 0 |
| 2066 | 5 | 15 | 291.0\% | 0.1902 | 0 |
| 2067 | 3 | 6 | 202.2\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 111.7\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 45.5\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.2\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 100,585 | 185.3\% |  |  |
| Lifetime: | 96,093 | 100,640 | 104.7\% |  |  |

Exhibit 29b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO Without Rate Increase* without MAE Applicable to Policies Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,535,829 | 12.2\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,149,715 | 15.3\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 3,892,472 | 19.2\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 4,799,412 | 24.1\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 5,862,955 | 29.8\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,047,808 | 36.4\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 8,298,676 | 43.7\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 9,751,304 | 52.4\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 11,432,776 | 62.8\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 13,195,463 | 74.3\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 15,098,923 | 87.6\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 17,108,708 | 102.6\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 19,459,707 | 121.0\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 22,078,681 | 143.0\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 24,537,408 | 166.3\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 26,773,771 | 190.7\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 28,744,885 | 216.1\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 30,607,858 | 244.1\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 32,325,690 | 275.1\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 33,535,692 | 306.2\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 34,466,701 | 339.6\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 35,237,549 | 377.0\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 35,552,938 | 415.6\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 35,365,014 | 454.8\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 34,520,830 | 491.7\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 33,489,396 | 531.8\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 32,504,613 | 579.1\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 31,098,300 | 625.8\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 29,263,132 | 670.0\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 26,998,501 | 708.4\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 24,673,631 | 747.2\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 22,632,523 | 796.1\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 20,629,189 | 848.9\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 18,652,434 | 904.5\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 16,765,077 | 964.9\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 14,879,018 | 1023.2\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 12,936,879 | 1069.2\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 11,127,809 | 1112.2\% | 0.2469 | 424 |
| 2060 | 822,070 | 9,642,958 | 1173.0\% | 0.2379 | 348 |
| 2061 | 671,368 | 8,378,724 | 1248.0\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,228,507 | 1326.0\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,200,377 | 1408.6\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,268,950 | 1490.5\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,445,096 | 1573.2\% | 0.1974 | 120 |
| 2066 | 224,822 | 3,753,383 | 1669.5\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,148,336 | 1768.4\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,605,967 | 1856.6\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,148,848 | 1949.8\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,774,582 | 2058.7\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,446,310 | 2155.9\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,169,477 | 2253.3\% | 0.1521 | 22 |
| 2073 | 39,869 | 942,365 | 2363.6\% | 0.1465 | 17 |
| 2074 | 30,403 | 758,639 | 2495.2\% | 0.1411 | 13 |
| 2075 | 23,031 | 602,165 | 2614.6\% | 0.1360 | 10 |
| 2076 | 17,332 | 473,890 | 2734.2\% | 0.1310 | 7 |
| 2077 | 12,930 | 373,281 | 2886.9\% | 0.1262 | 5 |
| 2078 | 9,568 | 284,385 | 2972.4\% | 0.1216 | 4 |
| 2079 | 7,017 | 207,684 | 2959.5\% | 0.1171 | 3 |
| 2080 | 5,106 | 150,434 | 2946.2\% | 0.1128 | 2 |
| 2081 | 3,684 | 109,666 | 2977.0\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 279,445,303 | 380,012,142 | 136.0\% |  |  |
| Lifetime: | 503,634,117 | 386,447,884 | 76.7\% |  |  |

Exhibit 29c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited Low BIO Without Rate Increase* without MAE
Applicable to Policies Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | \#DIV/0! | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 164,150 | 23.7\% | 0.9815 | 367 |
| 2023 | 672,602 | 196,036 | 29.1\% | 0.9456 | 358 |
| 2024 | 653,907 | 231,351 | 35.4\% | 0.9110 | 351 |
| 2025 | 635,011 | 269,902 | 42.5\% | 0.8776 | 343 |
| 2026 | 617,935 | 309,864 | 50.1\% | 0.8455 | 335 |
| 2027 | 599,022 | 349,180 | 58.3\% | 0.8145 | 327 |
| 2028 | 579,054 | 386,022 | 66.7\% | 0.7847 | 317 |
| 2029 | 557,456 | 421,846 | 75.7\% | 0.7560 | 307 |
| 2030 | 534,167 | 457,181 | 85.6\% | 0.7283 | 296 |
| 2031 | 509,260 | 487,933 | 95.8\% | 0.7017 | 284 |
| 2032 | 482,807 | 517,711 | 107.2\% | 0.6760 | 271 |
| 2033 | 455,023 | 549,450 | 120.8\% | 0.6512 | 257 |
| 2034 | 426,573 | 580,489 | 136.1\% | 0.6274 | 243 |
| 2035 | 397,615 | 608,532 | 153.0\% | 0.6044 | 229 |
| 2036 | 368,809 | 626,960 | 170.0\% | 0.5823 | 214 |
| 2037 | 340,388 | 636,983 | 187.1\% | 0.5610 | 200 |
| 2038 | 312,468 | 642,514 | 205.6\% | 0.5404 | 185 |
| 2039 | 285,221 | 640,588 | 224.6\% | 0.5207 | 170 |
| 2040 | 258,794 | 631,309 | 243.9\% | 0.5016 | 156 |
| 2041 | 233,399 | 610,788 | 261.7\% | 0.4832 | 142 |
| 2042 | 209,255 | 585,055 | 279.6\% | 0.4655 | 129 |
| 2043 | 186,575 | 560,497 | 300.4\% | 0.4485 | 116 |
| 2044 | 165,366 | 531,534 | 321.4\% | 0.4321 | 104 |
| 2045 | 145,611 | 498,582 | 342.4\% | 0.4163 | 92 |
| 2046 | 127,422 | 459,579 | 360.7\% | 0.4010 | 81 |
| 2047 | 110,864 | 420,544 | 379.3\% | 0.3863 | 72 |
| 2048 | 95,994 | 384,580 | 400.6\% | 0.3722 | 63 |
| 2049 | 82,637 | 347,461 | 420.5\% | 0.3586 | 54 |
| 2050 | 70,710 | 309,672 | 437.9\% | 0.3454 | 47 |
| 2051 | 60,165 | 271,559 | 451.4\% | 0.3328 | 40 |
| 2052 | 50,947 | 236,691 | 464.6\% | 0.3206 | 34 |
| 2053 | 42,968 | 207,193 | 482.2\% | 0.3089 | 29 |
| 2054 | 36,081 | 179,299 | 496.9\% | 0.2976 | 25 |
| 2055 | 30,165 | 154,209 | 511.2\% | 0.2867 | 21 |
| 2056 | 25,139 | 132,744 | 528.0\% | 0.2762 | 18 |
| 2057 | 20,888 | 113,912 | 545.4\% | 0.2661 | 15 |
| 2058 | 17,316 | 96,152 | 555.3\% | 0.2563 | 12 |
| 2059 | 14,311 | 81,006 | 566.0\% | 0.2469 | 10 |
| 2060 | 11,797 | 68,614 | 581.6\% | 0.2379 | 8 |
| 2061 | 9,692 | 58,249 | 601.0\% | 0.2292 | 7 |
| 2062 | 7,943 | 49,254 | 620.1\% | 0.2208 | 6 |
| 2063 | 6,487 | 41,321 | 636.9\% | 0.2127 | 5 |
| 2064 | 5,284 | 34,620 | 655.2\% | 0.2049 | 4 |
| 2065 | 4,291 | 29,097 | 678.1\% | 0.1974 | 3 |
| 2066 | 3,472 | 24,193 | 696.8\% | 0.1902 | 3 |
| 2067 | 2,797 | 19,967 | 714.0\% | 0.1832 | 2 |
| 2068 | 2,240 | 15,809 | 705.8\% | 0.1765 | 2 |
| 2069 | 1,783 | 12,837 | 719.9\% | 0.1701 | 1 |
| 2070 | 1,407 | 10,265 | 729.6\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,048 | 731.6\% | 0.1578 | 1 |
| 2072 | 850 | 6,187 | 728.0\% | 0.1521 | 1 |
| 2073 | 648 | 4,665 | 719.6\% | 0.1465 | 1 |
| 2074 | 487 | 3,497 | 718.6\% | 0.1411 | 0 |
| 2075 | 361 | 2,593 | 718.6\% | 0.1360 | 0 |
| 2076 | 264 | 1,910 | 723.4\% | 0.1310 | 0 |
| 2077 | 191 | 1,393 | 730.7\% | 0.1262 | 0 |
| 2078 | 135 | 967 | 714.9\% | 0.1216 | 0 |
| 2079 | 95 | 653 | 688.3\% | 0.1171 | 0 |
| 2080 | 66 | 437 | 664.8\% | 0.1128 | 0 |
| 2081 | 45 | 291 | 643.6\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 7,557,472 | 689,346 | 9.1\% |  |  |
| Future: | 7,796,571 | 8,295,827 | 106.4\% |  |  |
| Lifetime: | 15,354,042 | 8,985,173 | 58.5\% |  |  |

Exhibit 30a: Flex I Policy Forms - Nationwide Experience Projection (VA Forms Only) Original Assumptions from Issue - Lifetime High BIO


| Accumulated and Present Values as of 12/31/2021 |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $130,015,968$ | $3,761,204$ | $2.9 \%$ |
| Future: | $85,631,241$ | $135,888,207$ | $158.7 \%$ |
| Lifetime: | $215,647,208$ | $139,649,411$ | $64.8 \%$ |

Exhibit 30b: Flex I Policy Forms - Nationwide Experience Projection (VA Forms Only) Original Assumptions from Issue - Lifetime Low BIO

|  |  |  | 3.80\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 10,909 | 393 | 1.2\% | 1.4793 | 5 |
| 2012 | 481,940 | 11,499 | 1.1\% | 1.4252 | 126 |
| 2013 | 830,182 | 22,983 | 1.4\% | 1.3730 | 194 |
| 2014 | 796,657 | 32,320 | 1.9\% | 1.3228 | 187 |
| 2015 | 796,904 | 42,910 | 2.7\% | 1.2743 | 220 |
| 2016 | 796,789 | 53,365 | 3.6\% | 1.2277 | 241 |
| 2017 | 779,052 | 63,957 | 4.6\% | 1.1827 | 236 |
| 2018 | 793,751 | 76,055 | 5.7\% | 1.1394 | 266 |
| 2019 | 796,468 | 88,451 | 7.0\% | 1.0977 | 283 |
| 2020 | 781,282 | 100,738 | 8.5\% | 1.0575 | 276 |
| 2021 | 760,642 | 112,767 | 10.2\% | 1.0188 | 270 |
| 2022 | 683,605 | 125,325 | 13.1\% | 0.9815 | 264 |
| 2023 | 603,710 | 140,118 | 17.1\% | 0.9456 | 257 |
| 2024 | 587,585 | 156,476 | 20.8\% | 0.9110 | 251 |
| 2025 | 567,565 | 171,789 | 25.3\% | 0.8776 | 245 |
| 2026 | 548,502 | 187,252 | 30.4\% | 0.8455 | 238 |
| 2027 | 528,909 | 203,244 | 36.4\% | 0.8145 | 231 |
| 2028 | 510,298 | 224,290 | 44.0\% | 0.7847 | 223 |
| 2029 | 488,498 | 245,399 | 53.5\% | 0.7560 | 216 |
| 2030 | 467,837 | 263,748 | 64.6\% | 0.7283 | 208 |
| 2031 | 446,984 | 278,055 | 77.2\% | 0.7017 | 200 |
| 2032 | 427,183 | 288,923 | 91.1\% | 0.6760 | 192 |
| 2033 | 404,938 | 299,515 | 108.1\% | 0.6512 | 183 |
| 2034 | 383,864 | 311,102 | 129.4\% | 0.6274 | 175 |
| 2035 | 362,834 | 318,426 | 153.8\% | 0.6044 | 166 |
| 2036 | 342,866 | 322,092 | 180.4\% | 0.5823 | 158 |
| 2037 | 321,169 | 320,087 | 208.1\% | 0.5610 | 149 |
| 2038 | 300,682 | 321,430 | 239.7\% | 0.5404 | 140 |
| 2039 | 280,533 | 323,550 | 277.7\% | 0.5207 | 131 |
| 2040 | 261,538 | 321,886 | 320.3\% | 0.5016 | 123 |
| 2041 | 241,586 | 313,851 | 365.8\% | 0.4832 | 114 |
| 2042 | 222,947 | 301,613 | 412.0\% | 0.4655 | 106 |
| 2043 | 204,962 | 288,419 | 461.1\% | 0.4485 | 98 |
| 2044 | 188,222 | 276,032 | 516.9\% | 0.4321 | 90 |
| 2045 | 171,196 | 259,811 | 578.1\% | 0.4163 | 82 |
| 2046 | 155,511 | 242,015 | 642.7\% | 0.4010 | 75 |
| 2047 | 140,672 | 222,183 | 708.1\% | 0.3863 | 68 |
| 2048 | 127,031 | 203,574 | 773.4\% | 0.3722 | 61 |
| 2049 | 113,508 | 184,842 | 842.9\% | 0.3586 | 55 |
| 2050 | 101,204 | 166,896 | 918.4\% | 0.3454 | 49 |
| 2051 | 89,781 | 149,098 | 998.7\% | 0.3328 | 43 |
| 2052 | 79,475 | 131,744 | 1080.4\% | 0.3206 | 38 |
| 2053 | 69,609 | 113,233 | 1156.3\% | 0.3089 | 33 |
| 2054 | 60,848 | 96,594 | 1227.8\% | 0.2976 | 29 |
| 2055 | 52,944 | 81,951 | 1302.6\% | 0.2867 | 25 |
| 2056 | 45,992 | 69,227 | 1383.2\% | 0.2762 | 21 |
| 2057 | 39,554 | 57,605 | 1467.0\% | 0.2661 | 18 |
| 2058 | 33,975 | 48,022 | 1547.2\% | 0.2563 | 15 |
| 2059 | 29,068 | 39,924 | 1624.1\% | 0.2469 | 13 |
| 2060 | 24,847 | 33,314 | 1707.8\% | 0.2379 | 11 |
| 2061 | 21,041 | 27,654 | 1801.9\% | 0.2292 | 9 |
| 2062 | 17,809 | 22,956 | 1902.9\% | 0.2208 | 8 |
| 2063 | 15,029 | 19,023 | 1995.3\% | 0.2127 | 6 |
| 2064 | 12,687 | 15,812 | 2065.3\% | 0.2049 | 5 |
| 2065 | 10,627 | 13,043 | 2128.2\% | 0.1974 | 4 |
| 2066 | 8,915 | 10,750 | 2189.6\% | 0.1902 | 4 |
| 2067 | 7,472 | 8,798 | 2241.7\% | 0.1832 | 3 |
| 2068 | 6,278 | 7,307 | 2303.8\% | 0.1765 | 2 |
| 2069 | 5,245 | 6,196 | 2410.6\% | 0.1701 | 2 |
| 2070 | 4,394 | 5,284 | 2539.7\% | 0.1638 | 2 |
| 2071 | 3,681 | 4,534 | 2680.0\% | 0.1578 | 1 |
| 2072 | 3,091 | 3,924 | 2836.1\% | 0.1521 | 1 |
| 2073 | 2,578 | 3,331 | 3040.2\% | 0.1465 | 1 |
| 2074 | 2,153 | 2,722 | 3305.3\% | 0.1411 | 1 |
| 2075 | 1,794 | 2,208 | 3591.2\% | 0.1360 | 1 |
| 2076 | 1,495 | 1,775 | 3867.6\% | 0.1310 | 1 |
| 2077 | 1,228 | 1,381 | 4157.8\% | 0.1262 | 0 |
| 2078 | 1,004 | 1,032 | 4392.1\% | 0.1216 | 0 |


| Accumulated and Present Values as of 12/31/2021 |  |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $9,191,574$ | 692,284 | $7.5 \%$ |
| Future: | $7,310,797$ | $4,576,337$ | $62.6 \%$ |
| Lifetime: | $16,502,371$ | $5,268,621$ | $31.9 \%$ |

Exhibit 30c: Flex I Policy Forms - Nationwide Experience Projection (VA Forms Only) Original Assumptions from Issue - Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,305,391 | 12,254 | 1.2\% | 1.4793 | 831 |
| 2012 | 55,013,215 | 482,915 | 1.1\% | 1.4252 | 27,051 |
| 2013 | 135,736,079 | 1,517,171 | 1.4\% | 1.3730 | 61,801 |
| 2014 | 159,099,482 | 2,507,983 | 1.9\% | 1.3228 | 70,620 |
| 2015 | 156,200,026 | 3,461,355 | 2.7\% | 1.2743 | 68,961 |
| 2016 | 152,764,423 | 4,521,258 | 3.6\% | 1.2277 | 67,286 |
| 2017 | 149,351,140 | 5,684,365 | 4.6\% | 1.1827 | 66,028 |
| 2018 | 146,696,174 | 6,999,489 | 5.7\% | 1.1394 | 64,941 |
| 2019 | 144,137,959 | 8,492,346 | 7.0\% | 1.0977 | 63,861 |
| 2020 | 141,952,924 | 10,211,573 | 8.5\% | 1.0575 | 62,758 |
| 2021 | 138,700,641 | 12,108,321 | 10.2\% | 1.0188 | 61,624 |
| 2022 | 128,457,632 | 14,386,427 | 13.1\% | 0.9815 | 60,450 |
| 2023 | 118,304,673 | 17,206,498 | 17.1\% | 0.9456 | 59,232 |
| 2024 | 115,746,391 | 20,649,482 | 20.8\% | 0.9110 | 57,957 |
| 2025 | 112,452,356 | 24,472,658 | 25.3\% | 0.8776 | 56,625 |
| 2026 | 109,353,094 | 28,808,028 | 30.4\% | 0.8455 | 55,232 |
| 2027 | 106,130,362 | 33,683,669 | 36.4\% | 0.8145 | 53,780 |
| 2028 | 103,075,283 | 39,758,895 | 44.0\% | 0.7847 | 52,271 |
| 2029 | 99,342,327 | 46,871,621 | 53.5\% | 0.7560 | 50,707 |
| 2030 | 95,789,947 | 54,888,567 | 64.6\% | 0.7283 | 49,091 |
| 2031 | 92,134,821 | 63,360,541 | 77.2\% | 0.7017 | 47,423 |
| 2032 | 88,626,352 | 72,219,742 | 91.1\% | 0.6760 | 45,702 |
| 2033 | 84,532,987 | 82,024,350 | 108.1\% | 0.6512 | 43,929 |
| 2034 | 80,600,812 | 93,898,157 | 129.4\% | 0.6274 | 42,107 |
| 2035 | 76,600,512 | 106,457,027 | 153.8\% | 0.6044 | 40,241 |
| 2036 | 72,744,615 | 118,888,899 | 180.4\% | 0.5823 | 38,336 |
| 2037 | 68,436,536 | 129,355,135 | 208.1\% | 0.5610 | 36,393 |
| 2038 | 64,301,516 | 140,143,472 | 239.7\% | 0.5404 | 34,420 |
| 2039 | 60,160,610 | 152,036,024 | 277.7\% | 0.5207 | 32,426 |
| 2040 | 56,194,524 | 164,018,659 | 320.3\% | 0.5016 | 30,422 |
| 2041 | 51,956,476 | 173,386,496 | 365.8\% | 0.4832 | 28,419 |
| 2042 | 47,942,338 | 180,415,116 | 412.0\% | 0.4655 | 26,427 |
| 2043 | 44,019,504 | 185,471,337 | 461.1\% | 0.4485 | 24,459 |
| 2044 | 40,324,744 | 190,449,738 | 516.9\% | 0.4321 | 22,527 |
| 2045 | 36,540,830 | 193,079,414 | 578.1\% | 0.4163 | 20,642 |
| 2046 | 33,027,951 | 194,067,613 | 642.7\% | 0.4010 | 18,818 |
| 2047 | 29,690,841 | 192,310,772 | 708.1\% | 0.3863 | 17,064 |
| 2048 | 26,612,866 | 188,213,133 | 773.4\% | 0.3722 | 15,388 |
| 2049 | 23,573,567 | 181,502,166 | 842.9\% | 0.3586 | 13,793 |
| 2050 | 20,809,423 | 174,391,768 | 918.4\% | 0.3454 | 12,288 |
| 2051 | 18,252,617 | 166,237,817 | 998.7\% | 0.3328 | 10,880 |
| 2052 | 15,952,521 | 157,143,410 | 1080.4\% | 0.3206 | 9,573 |
| 2053 | 13,773,125 | 145,172,829 | 1156.3\% | 0.3089 | 8,370 |
| 2054 | 11,847,355 | 132,483,030 | 1227.8\% | 0.2976 | 7,272 |
| 2055 | 10,123,847 | 119,992,829 | 1302.6\% | 0.2867 | 6,278 |
| 2056 | 8,618,906 | 108,392,026 | 1383.2\% | 0.2762 | 5,385 |
| 2057 | 7,247,976 | 96,644,753 | 1467.0\% | 0.2661 | 4,591 |
| 2058 | 6,073,187 | 85,359,004 | 1547.2\% | 0.2563 | 3,889 |
| 2059 | 5,056,350 | 74,471,189 | 1624.1\% | 0.2469 | 3,275 |
| 2060 | 4,195,530 | 64,823,683 | 1707.8\% | 0.2379 | 2,742 |
| 2061 | 3,440,099 | 55,930,762 | 1801.9\% | 0.2292 | 2,282 |
| 2062 | 2,812,155 | 48,158,557 | 1902.9\% | 0.2208 | 1,889 |
| 2063 | 2,285,801 | 40,982,046 | 1995.3\% | 0.2127 | 1,555 |
| 2064 | 1,853,318 | 34,353,192 | 2065.3\% | 0.2049 | 1,274 |
| 2065 | 1,486,409 | 28,333,270 | 2128.2\% | 0.1974 | 1,040 |
| 2066 | 1,190,129 | 23,286,503 | 2189.6\% | 0.1902 | 845 |
| 2067 | 949,000 | 18,967,646 | 2241.7\% | 0.1832 | 684 |
| 2068 | 756,266 | 15,480,254 | 2303.8\% | 0.1765 | 552 |
| 2069 | 597,409 | 12,723,109 | 2410.6\% | 0.1701 | 445 |
| 2070 | 472,174 | 10,524,647 | 2539.7\% | 0.1638 | 358 |
| 2071 | 372,478 | 8,682,848 | 2680.0\% | 0.1578 | 288 |
| 2072 | 294,244 | 7,181,391 | 2836.1\% | 0.1521 | 231 |
| 2073 | 230,771 | 5,979,042 | 3040.2\% | 0.1465 | 186 |
| 2074 | 181,275 | 5,080,528 | 3305.3\% | 0.1411 | 149 |
| 2075 | 142,177 | 4,316,499 | 3591.2\% | 0.1360 | 119 |
| 2076 | 111,520 | 3,637,749 | 3867.6\% | 0.1310 | 96 |
| 2077 | 85,594 | 2,994,216 | 4157.8\% | 0.1262 | 76 |
| 2078 | 65,662 | 2,408,194 | 4392.1\% | 0.1216 | 61 |

Accumulated and Present Values as of 12/31/2021

| Past: | $1,657,178,397$ | $63,223,415$ | $3.8 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $1,481,766,961$ | $2,039,936,659$ | $137.7 \%$ |
| Lifetime: | $3,138,945,358$ | $2,103,160,074$ | $67.0 \%$ |

Exhibit 30c: Flex I Policy Forms - Nationwide Experience Projection (VA Forms Only) Original Assumptions from Issue - Limited Low BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 91,197 | 2,399 | 1.2\% | 1.4793 | 38 |
| 2012 | 3,615,289 | 69,602 | 1.1\% | 1.4252 | 1,276 |
| 2013 | 8,605,501 | 214,962 | 1.4\% | 1.3730 | 2,779 |
| 2014 | 9,896,125 | 359,095 | 1.9\% | 1.3228 | 3,171 |
| 2015 | 9,861,377 | 498,548 | 2.7\% | 1.2743 | 3,502 |
| 2016 | 9,797,428 | 642,224 | 3.6\% | 1.2277 | 3,883 |
| 2017 | 9,625,197 | 788,951 | 4.6\% | 1.1827 | 3,969 |
| 2018 | 9,581,780 | 949,364 | 5.7\% | 1.1394 | 4,262 |
| 2019 | 9,521,870 | 1,114,685 | 7.0\% | 1.0977 | 4,480 |
| 2020 | 9,320,977 | 1,284,633 | 8.5\% | 1.0575 | 4,359 |
| 2021 | 9,052,388 | 1,447,885 | 10.2\% | 1.0188 | 4,247 |
| 2022 | 8,572,541 | 1,617,777 | 13.1\% | 0.9815 | 4,134 |
| 2023 | 8,104,041 | 1,811,369 | 17.1\% | 0.9456 | 4,019 |
| 2024 | 7,858,897 | 2,031,425 | 20.8\% | 0.9110 | 3,899 |
| 2025 | 7,559,792 | 2,242,267 | 25.3\% | 0.8776 | 3,773 |
| 2026 | 7,272,486 | 2,445,570 | 30.4\% | 0.8455 | 3,641 |
| 2027 | 6,976,956 | 2,632,081 | 36.4\% | 0.8145 | 3,504 |
| 2028 | 6,693,037 | 2,841,310 | 44.0\% | 0.7847 | 3,363 |
| 2029 | 6,366,233 | 3,055,056 | 53.5\% | 0.7560 | 3,217 |
| 2030 | 6,054,164 | 3,259,762 | 64.6\% | 0.7283 | 3,069 |
| 2031 | 5,739,290 | 3,422,857 | 77.2\% | 0.7017 | 2,918 |
| 2032 | 5,438,099 | 3,543,848 | 91.1\% | 0.6760 | 2,765 |
| 2033 | 5,106,458 | 3,629,723 | 108.1\% | 0.6512 | 2,611 |
| 2034 | 4,790,918 | 3,729,337 | 129.4\% | 0.6274 | 2,456 |
| 2035 | 4,477,963 | 3,798,236 | 153.8\% | 0.6044 | 2,302 |
| 2036 | 4,180,746 | 3,824,226 | 180.4\% | 0.5823 | 2,148 |
| 2037 | 3,865,990 | 3,769,748 | 208.1\% | 0.5610 | 1,997 |
| 2038 | 3,570,186 | 3,694,599 | 239.7\% | 0.5404 | 1,848 |
| 2039 | 3,282,866 | 3,613,404 | 277.7\% | 0.5207 | 1,702 |
| 2040 | 3,013,726 | 3,519,653 | 320.3\% | 0.5016 | 1,561 |
| 2041 | 2,738,671 | 3,369,919 | 365.8\% | 0.4832 | 1,425 |
| 2042 | 2,484,258 | 3,190,460 | 412.0\% | 0.4655 | 1,295 |
| 2043 | 2,242,991 | 2,984,549 | 461.1\% | 0.4485 | 1,171 |
| 2044 | 2,021,204 | 2,780,653 | 516.9\% | 0.4321 | 1,053 |
| 2045 | 1,802,249 | 2,558,372 | 578.1\% | 0.4163 | 943 |
| 2046 | 1,603,581 | 2,338,938 | 642.7\% | 0.4010 | 840 |
| 2047 | 1,419,715 | 2,115,040 | 708.1\% | 0.3863 | 745 |
| 2048 | 1,253,903 | 1,893,561 | 773.4\% | 0.3722 | 657 |
| 2049 | 1,094,984 | 1,669,143 | 842.9\% | 0.3586 | 576 |
| 2050 | 953,440 | 1,465,630 | 918.4\% | 0.3454 | 503 |
| 2051 | 825,392 | 1,278,119 | 998.7\% | 0.3328 | 436 |
| 2052 | 712,453 | 1,107,531 | 1080.4\% | 0.3206 | 377 |
| 2053 | 607,958 | 939,747 | 1156.3\% | 0.3089 | 324 |
| 2054 | 517,300 | 787,288 | 1227.8\% | 0.2976 | 277 |
| 2055 | 437,624 | 654,669 | 1302.6\% | 0.2867 | 236 |
| 2056 | 369,141 | 543,171 | 1383.2\% | 0.2762 | 200 |
| 2057 | 307,816 | 445,333 | 1467.0\% | 0.2661 | 169 |
| 2058 | 255,986 | 363,821 | 1547.2\% | 0.2563 | 142 |
| 2059 | 211,723 | 296,897 | 1624.1\% | 0.2469 | 119 |
| 2060 | 174,678 | 242,895 | 1707.8\% | 0.2379 | 100 |
| 2061 | 142,529 | 197,488 | 1801.9\% | 0.2292 | 83 |
| 2062 | 116,045 | 160,856 | 1902.9\% | 0.2208 | 69 |
| 2063 | 94,032 | 130,489 | 1995.3\% | 0.2127 | 57 |
| 2064 | 76,077 | 105,733 | 2065.3\% | 0.2049 | 48 |
| 2065 | 60,944 | 84,849 | 2128.2\% | 0.1974 | 40 |
| 2066 | 48,785 | 68,124 | 2189.6\% | 0.1902 | 33 |
| 2067 | 38,930 | 54,462 | 2241.7\% | 0.1832 | 27 |
| 2068 | 31,081 | 43,797 | 2303.8\% | 0.1765 | 23 |
| 2069 | 24,626 | 35,630 | 2410.6\% | 0.1701 | 19 |
| 2070 | 19,544 | 29,188 | 2539.7\% | 0.1638 | 16 |
| 2071 | 15,495 | 23,910 | 2680.0\% | 0.1578 | 13 |
| 2072 | 12,308 | 19,648 | 2836.1\% | 0.1521 | 11 |
| 2073 | 9,707 | 16,108 | 3040.2\% | 0.1465 | 9 |
| 2074 | 7,663 | 13,254 | 3305.3\% | 0.1411 | 7 |
| 2075 | 6,033 | 10,875 | 3591.2\% | 0.1360 | 6 |
| 2076 | 4,746 | 8,910 | 3867.6\% | 0.1310 | 5 |
| 2077 | 3,572 | 7,192 | 4157.8\% | 0.1262 | 4 |
| 2078 | 2,653 | 5,736 | 4392.1\% | 0.1216 | 3 |

Accumulated and Present Values as of 12/31/2021

| Accumulated and Present | Values as of |  |  |
| :--- | ---: | ---: | ---: |
| Past: | $106,620,791$ | $8,368,648$ | $7.8 \%$ |
| Future: | $91,618,914$ | $52,498,171$ | $57.3 \%$ |
| Lifetime: | $198,239,705$ | $60,866,819$ | $30.7 \%$ |

Exhibit 31: Blended If-Knew Methodology Calculation With Cost-Sharing Component Nationwide Experience with Virginia Approved Rate Increases

Policies with Lifetime Benefit Period and High BIO Not Subject to the Revised Couples Discount

| (1) If Knew RI (Since Issue) | 18.6\% |
| :---: | :---: |
| (2) Make Up (Standard Solve) | 132.0\% |
| (3) Percentage of Issued Policies Inforce | 96.6\% |
| Blended RI = \{2 * $\{3\}+(\{1\}$ * (1-\{3\})) | 128.1\% |


| Share |  |
| :---: | :---: |
| $100.0 \%$ | $15.0 \%$ |
| $90.0 \%$ | $35.0 \%$ |
| $75.0 \%$ | $50.0 \%$ |
| $65.0 \%$ | $50.0 \%$ |
| $50.0 \%$ | $-21.9 \%$ |
| Blended increase proposed - Cost Sharing | $105.5 \%$ |

Exhibit 31: Blended If-Knew Methodology Calculation With Cost-Sharing Component Nationwide Experience with Virginia Approved Rate Increases

Policies with Lifetime Benefit Period and High BIO
Not Subject to the Revised Couples Discount

| (1) If Knew RI (Since Issue) | $9.4 \%$ |
| :--- | :---: |
| (2) Make Up (Standard Solve) | $86.0 \%$ |
| (3) Percentage of Issued Policies Inforce | $90.4 \%$ |
| Blended RI $=\{2\}^{*}\{3\}+\left(\{1\}^{*}(1-\{3\})\right)$ | $78.6 \%$ |


| Share |  |
| :---: | :---: |
| $100.0 \%$ | $15.0 \%$ |
| $90.0 \%$ | $35.0 \%$ |
| $75.0 \%$ | $50.0 \%$ |
| $65.0 \%$ | $50.0 \%$ |
| $50.0 \%$ | $-71.4 \%$ |
| Blended increase proposed - Cost Sharing | $80.8 \%$ |

Exhibit 31: Blended If-Knew Methodology Calculation With Cost-Sharing Component Nationwide Experience with Virginia Approved Rate Increases Policies with Lifetime Benefit Period and High BIO

Subject to the Revised Couples Discount

| (1) If Knew RI (Since Issue) | $42.1 \%$ |
| :--- | :--- |
| (2) Make Up (Standard Solve) | $94.8 \%$ |
| (3) Percentage of Issued Policies Inforce | $91.1 \%$ |
| Blended RI $=\{2\}^{*}\{3\}+\left(\{1\}^{*}(1-\{3\})\right)$ | $90.1 \%$ |


| Share |  |
| :---: | :---: |
| $100.0 \%$ | $15.0 \%$ |
| $90.0 \%$ | $35.0 \%$ |
| $75.0 \%$ | $50.0 \%$ |
| $65.0 \%$ | $50.0 \%$ |
| $50.0 \%$ | $-59.9 \%$ |
| Blended increase proposed - Cost Sharing | $86.5 \%$ |

Exhibit 32a: Flex 1 Policy Forms - Nationwide Experience
Lifetime High BIO With 128.1\% "Blended If-Knew" Rate Increase* with 10\% MAE
Applicable to Policies Not Subject to the Couples Discount


Exhibit 32b: Flex 1 Policy Forms - Nationwide Experience
Lifetime High BIO With 78.6\% "Blended If-Knew" Rate Increase* with 10\% MAE
Applicable to Policies Not Subject to the Couples Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | - | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 213,176,170 | 36,093,465 | 16.9\% | 0.9456 | 57,343 |
| 2024 | 315,173,544 | 47,213,406 | 15.0\% | 0.9110 | 56,542 |
| 2025 | 309,837,463 | 56,270,167 | 18.2\% | 0.8776 | 55,689 |
| 2026 | 304,167,316 | 66,219,187 | 21.8\% | 0.8455 | 54,769 |
| 2027 | 298,043,008 | 76,781,619 | 25.8\% | 0.8145 | 53,763 |
| 2028 | 291,389,679 | 88,764,712 | 30.5\% | 0.7847 | 52,658 |
| 2029 | 284,110,503 | 102,591,820 | 36.1\% | 0.7560 | 51,435 |
| 2030 | 276,070,671 | 117,147,992 | 42.4\% | 0.7283 | 50,069 |
| 2031 | 267,236,076 | 131,411,789 | 49.2\% | 0.7017 | 48,557 |
| 2032 | 257,581,480 | 146,006,270 | 56.7\% | 0.6760 | 46,915 |
| 2033 | 247,240,245 | 163,743,185 | 66.2\% | 0.6512 | 45,154 |
| 2034 | 236,300,306 | 183,693,133 | 77.7\% | 0.6274 | 43,281 |
| 2035 | 224,820,534 | 201,927,281 | 89.8\% | 0.6044 | 41,307 |
| 2036 | 212,883,524 | 217,779,551 | 102.3\% | 0.5823 | 39,244 |
| 2037 | 200,579,050 | 231,033,872 | 115.2\% | 0.5610 | 37,102 |
| 2038 | 187,977,389 | 243,167,915 | 129.4\% | 0.5404 | 34,893 |
| 2039 | 175,161,059 | 254,589,004 | 145.3\% | 0.5207 | 32,633 |
| 2040 | 162,238,304 | 261,628,729 | 161.3\% | 0.5016 | 30,343 |
| 2041 | 149,356,766 | 265,716,301 | 177.9\% | 0.4832 | 28,049 |
| 2042 | 136,660,626 | 268,118,726 | 196.2\% | 0.4655 | 25,768 |
| 2043 | 124,232,713 | 267,900,302 | 215.6\% | 0.4485 | 23,518 |
| 2044 | 112,155,432 | 265,233,923 | 236.5\% | 0.4321 | 21,322 |
| 2045 | 100,553,878 | 258,070,944 | 256.6\% | 0.4163 | 19,207 |
| 2046 | 89,553,227 | 248,606,775 | 277.6\% | 0.4010 | 17,195 |
| 2047 | 79,248,688 | 238,996,893 | 301.6\% | 0.3863 | 15,294 |
| 2048 | 69,660,416 | 226,925,416 | 325.8\% | 0.3722 | 13,510 |
| 2049 | 60,793,676 | 212,243,135 | 349.1\% | 0.3586 | 11,851 |
| 2050 | 52,669,640 | 195,529,122 | 371.2\% | 0.3454 | 10,325 |
| 2051 | 45,317,834 | 178,318,868 | 393.5\% | 0.3328 | 8,939 |
| 2052 | 38,740,620 | 162,788,236 | 420.2\% | 0.3206 | 7,688 |
| 2053 | 32,896,142 | 147,901,247 | 449.6\% | 0.3089 | 6,568 |
| 2054 | 27,737,168 | 133,090,746 | 479.8\% | 0.2976 | 5,573 |
| 2055 | 23,223,159 | 119,006,814 | 512.4\% | 0.2867 | 4,698 |
| 2056 | 19,317,571 | 105,436,637 | 545.8\% | 0.2762 | 3,938 |
| 2057 | 15,975,246 | 91,626,258 | 573.6\% | 0.2661 | 3,283 |
| 2058 | 13,134,240 | 78,680,479 | 599.0\% | 0.2563 | 2,722 |
| 2059 | 10,734,207 | 68,006,845 | 633.6\% | 0.2469 | 2,244 |
| 2060 | 8,722,140 | 59,003,722 | 676.5\% | 0.2379 | 1,840 |
| 2061 | 7,048,602 | 51,084,680 | 724.7\% | 0.2292 | 1,502 |
| 2062 | 5,665,877 | 44,089,536 | 778.2\% | 0.2208 | 1,220 |
| 2063 | 4,530,535 | 37,761,945 | 833.5\% | 0.2127 | 987 |
| 2064 | 3,605,857 | 32,092,445 | 890.0\% | 0.2049 | 795 |
| 2065 | 2,857,363 | 27,225,349 | 952.8\% | 0.1974 | 638 |
| 2066 | 2,254,037 | 23,003,153 | 1020.5\% | 0.1902 | 510 |
| 2067 | 1,770,091 | 19,225,506 | 1086.1\% | 0.1832 | 406 |
| 2068 | 1,383,998 | 15,913,410 | 1149.8\% | 0.1765 | 322 |
| 2069 | 1,077,782 | 13,306,744 | 1234.6\% | 0.1701 | 255 |
| 2070 | 835,239 | 11,040,522 | 1321.8\% | 0.1638 | 200 |
| 2071 | 643,281 | 9,020,010 | 1402.2\% | 0.1578 | 156 |
| 2072 | 491,843 | 7,362,191 | 1496.9\% | 0.1521 | 121 |
| 2073 | 373,129 | 5,951,190 | 1594.9\% | 0.1465 | 93 |
| 2074 | 280,879 | 4,729,323 | 1683.8\% | 0.1411 | 71 |
| 2075 | 209,881 | 3,727,975 | 1776.2\% | 0.1360 | 54 |
| 2076 | 155,504 | 2,912,103 | 1872.7\% | 0.1310 | 41 |
| 2077 | 114,182 | 2,229,312 | 1952.4\% | 0.1262 | 30 |
| 2078 | 83,110 | 1,641,568 | 1975.2\% | 0.1216 | 22 |
| 2079 | 59,994 | 1,200,192 | 2000.5\% | 0.1171 | 17 |
| 2080 | 42,926 | 874,481 | 2037.2\% | 0.1128 | 12 |
| 2081 | 30,439 | 634,540 | 2084.7\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 3,834,987,290 | 3,103,529,041 | 80.9\% |  |  |
| Lifetime: | 5,447,613,543 | 3,179,527,249 | 58.4\% |  |  |

Exhibit 32c: Flex 1 Policy Forms - Nationwide Experience Limited High BIO With 90.1\% "Blended If-Knew" Rate Increase* with 10\% MAE Applicable to Policies Subject to the Couples Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ <br> Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | - | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | - | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,794,064 | 13.4\% | 0.9815 | 8,902 |
| 2023 | 26,696,058 | 3,622,906 | 13.6\% | 0.9456 | 8,787 |
| 2024 | 38,423,246 | 4,814,571 | 12.5\% | 0.9110 | 8,674 |
| 2025 | 37,903,643 | 5,907,412 | 15.6\% | 0.8776 | 8,559 |
| 2026 | 37,355,610 | 7,189,444 | 19.2\% | 0.8455 | 8,435 |
| 2027 | 36,760,303 | 8,615,845 | 23.4\% | 0.8145 | 8,300 |
| 2028 | 36,109,070 | 10,117,431 | 28.0\% | 0.7847 | 8,152 |
| 2029 | 35,393,625 | 11,858,761 | 33.5\% | 0.7560 | 7,990 |
| 2030 | 34,607,200 | 13,866,313 | 40.1\% | 0.7283 | 7,810 |
| 2031 | 33,736,686 | 15,961,008 | 47.3\% | 0.7017 | 7,611 |
| 2032 | 32,771,585 | 18,214,553 | 55.6\% | 0.6760 | 7,390 |
| 2033 | 31,708,461 | 20,583,498 | 64.9\% | 0.6512 | 7,149 |
| 2034 | 30,561,341 | 23,349,775 | 76.4\% | 0.6274 | 6,891 |
| 2035 | 29,338,734 | 26,413,068 | 90.0\% | 0.6044 | 6,616 |
| 2036 | 28,046,885 | 29,265,743 | 104.3\% | 0.5823 | 6,325 |
| 2037 | 26,693,236 | 31,838,344 | 119.3\% | 0.5610 | 6,020 |
| 2038 | 25,285,885 | 34,085,765 | 134.8\% | 0.5404 | 5,703 |
| 2039 | 23,831,217 | 36,197,794 | 151.9\% | 0.5207 | 5,375 |
| 2040 | 22,338,498 | 38,127,733 | 170.7\% | 0.5016 | 5,038 |
| 2041 | 20,820,219 | 39,454,155 | 189.5\% | 0.4832 | 4,695 |
| 2042 | 19,291,375 | 40,449,867 | 209.7\% | 0.4655 | 4,350 |
| 2043 | 17,768,792 | 41,254,683 | 232.2\% | 0.4485 | 4,005 |
| 2044 | 16,261,294 | 41,525,356 | 255.4\% | 0.4321 | 3,663 |
| 2045 | 14,780,958 | 41,202,190 | 278.8\% | 0.4163 | 3,328 |
| 2046 | 13,345,546 | 40,115,808 | 300.6\% | 0.4010 | 3,004 |
| 2047 | 11,971,179 | 38,822,737 | 324.3\% | 0.3863 | 2,695 |
| 2048 | 10,670,791 | 37,590,585 | 352.3\% | 0.3722 | 2,401 |
| 2049 | 9,446,781 | 35,879,987 | 379.8\% | 0.3586 | 2,123 |
| 2050 | 8,303,145 | 33,687,929 | 405.7\% | 0.3454 | 1,864 |
| 2051 | 7,244,908 | 31,017,193 | 428.1\% | 0.3328 | 1,626 |
| 2052 | 6,277,632 | 28,293,420 | 450.7\% | 0.3206 | 1,408 |
| 2053 | 5,404,067 | 25,905,039 | 479.4\% | 0.3089 | 1,211 |
| 2054 | 4,619,657 | 23,569,436 | 510.2\% | 0.2976 | 1,034 |
| 2055 | 3,920,302 | 21,272,140 | 542.6\% | 0.2867 | 876 |
| 2056 | 3,302,839 | 19,085,158 | 577.8\% | 0.2762 | 737 |
| 2057 | 2,764,395 | 16,908,807 | 611.7\% | 0.2661 | 617 |
| 2058 | 2,300,133 | 14,677,341 | 638.1\% | 0.2563 | 513 |
| 2059 | 1,901,919 | 12,605,619 | 662.8\% | 0.2469 | 424 |
| 2060 | 1,562,755 | 10,907,502 | 698.0\% | 0.2379 | 348 |
| 2061 | 1,276,270 | 9,463,964 | 741.5\% | 0.2292 | 284 |
| 2062 | 1,036,328 | 8,153,670 | 786.8\% | 0.2208 | 231 |
| 2063 | 836,791 | 6,984,632 | 834.7\% | 0.2127 | 186 |
| 2064 | 672,008 | 5,927,622 | 882.1\% | 0.2049 | 150 |
| 2065 | 537,127 | 4,994,560 | 929.9\% | 0.1974 | 120 |
| 2066 | 427,386 | 4,212,335 | 985.6\% | 0.1902 | 95 |
| 2067 | 338,442 | 3,529,451 | 1042.9\% | 0.1832 | 76 |
| 2068 | 266,830 | 2,918,414 | 1093.7\% | 0.1765 | 60 |
| 2069 | 209,510 | 2,404,112 | 1147.5\% | 0.1701 | 47 |
| 2070 | 163,861 | 1,983,511 | 1210.5\% | 0.1638 | 37 |
| 2071 | 127,532 | 1,615,194 | 1266.5\% | 0.1578 | 29 |
| 2072 | 98,664 | 1,304,967 | 1322.6\% | 0.1521 | 22 |
| 2073 | 75,792 | 1,050,731 | 1386.3\% | 0.1465 | 17 |
| 2074 | 57,797 | 845,276 | 1462.5\% | 0.1411 | 13 |
| 2075 | 43,782 | 670,487 | 1531.4\% | 0.1360 | 10 |
| 2076 | 32,949 | 527,333 | 1600.5\% | 0.1310 | 7 |
| 2077 | 24,580 | 415,123 | 1688.9\% | 0.1262 | 5 |
| 2078 | 18,188 | 316,091 | 1737.9\% | 0.1216 | 4 |
| 2079 | 13,340 | 230,724 | 1729.5\% | 0.1171 | 3 |
| 2080 | 9,707 | 167,039 | 1720.9\% | 0.1128 | 2 |
| 2081 | 7,003 | 121,715 | 1738.1\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 501,058,500 | 446,870,053 | 89.2\% |  |  |
| Lifetime: | 725,247,314 | 453,305,795 | 62.5\% |  |  |


| Calendar Year | Exhibit 33a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,658,138 | 28.3\% | 0.9815 | 2,907 |
| 2023 | 10,403,086 | 3,196,867 | 30.7\% | 0.9456 | 2,878 |
| 2024 | 10,907,547 | 3,693,159 | 33.9\% | 0.9110 | 2,848 |
| 2025 | 10,757,438 | 4,226,789 | 39.3\% | 0.8776 | 2,816 |
| 2026 | 10,595,913 | 4,813,861 | 45.4\% | 0.8455 | 2,781 |
| 2027 | 10,416,816 | 5,428,147 | 52.1\% | 0.8145 | 2,744 |
| 2028 | 10,214,225 | 6,160,995 | 60.3\% | 0.7847 | 2,703 |
| 2029 | 10,001,718 | 7,028,423 | 70.3\% | 0.7560 | 2,657 |
| 2030 | 9,770,935 | 7,941,824 | 81.3\% | 0.7283 | 2,605 |
| 2031 | 9,520,495 | 8,829,061 | 92.7\% | 0.7017 | 2,548 |
| 2032 | 9,243,335 | 9,710,404 | 105.1\% | 0.6760 | 2,485 |
| 2033 | 8,949,258 | 10,930,969 | 122.1\% | 0.6512 | 2,418 |
| 2034 | 8,635,906 | 12,432,706 | 144.0\% | 0.6274 | 2,345 |
| 2035 | 8,304,260 | 13,848,869 | 166.8\% | 0.6044 | 2,267 |
| 2036 | 7,956,081 | 15,129,926 | 190.2\% | 0.5823 | 2,184 |
| 2037 | 7,592,936 | 16,278,465 | 214.4\% | 0.5610 | 2,097 |
| 2038 | 7,214,921 | 17,631,043 | 244.4\% | 0.5404 | 2,005 |
| 2039 | 6,823,097 | 19,154,328 | 280.7\% | 0.5207 | 1,910 |
| 2040 | 6,423,590 | 20,384,876 | 317.3\% | 0.5016 | 1,810 |
| 2041 | 6,017,281 | 21,444,267 | 356.4\% | 0.4832 | 1,708 |
| 2042 | 5,606,707 | 22,286,862 | 397.5\% | 0.4655 | 1,604 |
| 2043 | 5,193,924 | 22,968,487 | 442.2\% | 0.4485 | 1,498 |
| 2044 | 4,784,381 | 23,602,326 | 493.3\% | 0.4321 | 1,391 |
| 2045 | 4,383,210 | 23,823,929 | 543.5\% | 0.4163 | 1,286 |
| 2046 | 3,993,476 | 23,948,596 | 599.7\% | 0.4010 | 1,183 |
| 2047 | 3,619,253 | 23,948,319 | 661.7\% | 0.3863 | 1,082 |
| 2048 | 3,261,311 | 23,461,716 | 719.4\% | 0.3722 | 985 |
| 2049 | 2,920,455 | 22,640,145 | 775.2\% | 0.3586 | 891 |
| 2050 | 2,598,217 | 21,552,187 | 829.5\% | 0.3454 | 802 |
| 2051 | 2,300,016 | 20,523,879 | 892.3\% | 0.3328 | 718 |
| 2052 | 2,024,856 | 19,662,102 | 971.0\% | 0.3206 | 640 |
| 2053 | 1,772,410 | 18,669,157 | 1053.3\% | 0.3089 | 567 |
| 2054 | 1,542,554 | 17,545,870 | 1137.5\% | 0.2976 | 500 |
| 2055 | 1,334,887 | 16,364,228 | 1225.9\% | 0.2867 | 439 |
| 2056 | 1,149,219 | 15,142,479 | 1317.6\% | 0.2762 | 384 |
| 2057 | 984,680 | 13,671,602 | 1388.4\% | 0.2661 | 334 |
| 2058 | 839,521 | 12,213,419 | 1454.8\% | 0.2563 | 289 |
| 2059 | 712,324 | 11,152,210 | 1565.6\% | 0.2469 | 250 |
| 2060 | 601,527 | 10,264,411 | 1706.4\% | 0.2379 | 215 |
| 2061 | 505,629 | 9,510,439 | 1880.9\% | 0.2292 | 184 |
| 2062 | 423,071 | 8,765,889 | 2072.0\% | 0.2208 | 157 |
| 2063 | 352,490 | 8,022,163 | 2275.9\% | 0.2127 | 134 |
| 2064 | 292,604 | 7,280,060 | 2488.0\% | 0.2049 | 113 |
| 2065 | 241,920 | 6,583,875 | 2721.5\% | 0.1974 | 96 |
| 2066 | 199,152 | 5,906,693 | 2965.9\% | 0.1902 | 80 |
| 2067 | 163,232 | 5,150,099 | 3155.1\% | 0.1832 | 67 |
| 2068 | 133,213 | 4,434,339 | 3328.7\% | 0.1765 | 56 |
| 2069 | 108,222 | 3,902,319 | 3605.8\% | 0.1701 | 46 |
| 2070 | 87,452 | 3,407,951 | 3896.9\% | 0.1638 | 38 |
| 2071 | 70,259 | 2,926,209 | 4164.9\% | 0.1578 | 31 |
| 2072 | 56,101 | 2,471,155 | 4404.8\% | 0.1521 | 25 |
| 2073 | 44,524 | 2,075,272 | 4661.1\% | 0.1465 | 20 |
| 2074 | 35,142 | 1,680,919 | 4783.2\% | 0.1411 | 16 |
| 2075 | 27,578 | 1,343,247 | 4870.8\% | 0.1360 | 13 |
| 2076 | 21,513 | 1,049,388 | 4877.9\% | 0.1310 | 10 |
| 2077 | 16,679 | 783,479 | 4697.5\% | 0.1262 | 8 |
| 2078 | 12,853 | 585,297 | 4553.9\% | 0.1216 | 6 |
| 2079 | 9,839 | 431,023 | 4380.7\% | 0.1171 | 4 |
| 2080 | 7,477 | 313,444 | 4192.2\% | 0.1128 | 3 |
| 2081 | 5,635 | 230,210 | 4085.2\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 149,714,289 | 274,775,465 | 183.5\% |  |  |
| Lifetime: | 287,363,343 | 283,819,819 | 98.8\% |  |  |


| Exhibit 33b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime Low BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,233 | 315,866 | 73.6\% | 0.9815 | 162 |
| 2023 | 592,655 | 362,469 | 61.2\% | 0.9456 | 160 |
| 2024 | 615,723 | 389,553 | 63.3\% | 0.9110 | 158 |
| 2025 | 599,580 | 407,849 | 68.0\% | 0.8776 | 155 |
| 2026 | 581,569 | 421,825 | 72.5\% | 0.8455 | 152 |
| 2027 | 561,760 | 438,936 | 78.1\% | 0.8145 | 148 |
| 2028 | 540,042 | 456,996 | 84.6\% | 0.7847 | 145 |
| 2029 | 516,574 | 477,553 | 92.4\% | 0.7560 | 140 |
| 2030 | 491,481 | 496,100 | 100.9\% | 0.7283 | 136 |
| 2031 | 464,992 | 506,597 | 108.9\% | 0.7017 | 131 |
| 2032 | 437,575 | 520,419 | 118.9\% | 0.6760 | 126 |
| 2033 | 409,975 | 547,079 | 133.4\% | 0.6512 | 120 |
| 2034 | 382,469 | 580,884 | 151.9\% | 0.6274 | 114 |
| 2035 | 355,244 | 606,727 | 170.8\% | 0.6044 | 108 |
| 2036 | 328,500 | 623,159 | 189.7\% | 0.5823 | 102 |
| 2037 | 302,458 | 632,623 | 209.2\% | 0.5610 | 96 |
| 2038 | 277,157 | 645,945 | 233.1\% | 0.5404 | 90 |
| 2039 | 252,717 | 660,969 | 261.5\% | 0.5207 | 83 |
| 2040 | 229,224 | 663,966 | 289.7\% | 0.5016 | 77 |
| 2041 | 206,807 | 659,171 | 318.7\% | 0.4832 | 71 |
| 2042 | 185,589 | 645,322 | 347.7\% | 0.4655 | 65 |
| 2043 | 165,544 | 621,851 | 375.6\% | 0.4485 | 59 |
| 2044 | 146,719 | 592,417 | 403.8\% | 0.4321 | 53 |
| 2045 | 129,213 | 549,076 | 424.9\% | 0.4163 | 47 |
| 2046 | 113,109 | 505,135 | 446.6\% | 0.4010 | 42 |
| 2047 | 98,430 | 465,779 | 473.2\% | 0.3863 | 37 |
| 2048 | 85,089 | 422,313 | 496.3\% | 0.3722 | 32 |
| 2049 | 73,049 | 374,814 | 513.1\% | 0.3586 | 28 |
| 2050 | 62,291 | 325,192 | 522.1\% | 0.3454 | 24 |
| 2051 | 52,771 | 277,949 | 526.7\% | 0.3328 | 21 |
| 2052 | 44,446 | 238,617 | 536.9\% | 0.3206 | 18 |
| 2053 | 37,174 | 205,252 | 552.1\% | 0.3089 | 15 |
| 2054 | 30,869 | 173,771 | 562.9\% | 0.2976 | 12 |
| 2055 | 25,452 | 145,357 | 571.1\% | 0.2867 | 10 |
| 2056 | 20,848 | 119,827 | 574.8\% | 0.2762 | 8 |
| 2057 | 16,975 | 95,566 | 563.0\% | 0.2661 | 7 |
| 2058 | 13,735 | 75,733 | 551.4\% | 0.2563 | 6 |
| 2059 | 11,050 | 61,300 | 554.8\% | 0.2469 | 5 |
| 2060 | 8,841 | 49,429 | 559.1\% | 0.2379 | 4 |
| 2061 | 7,035 | 39,717 | 564.6\% | 0.2292 | 3 |
| 2062 | 5,566 | 31,348 | 563.2\% | 0.2208 | 2 |
| 2063 | 4,381 | 24,192 | 552.2\% | 0.2127 | 2 |
| 2064 | 3,433 | 18,802 | 547.7\% | 0.2049 | 1 |
| 2065 | 2,676 | 14,407 | 538.4\% | 0.1974 | 1 |
| 2066 | 2,072 | 11,028 | 532.2\% | 0.1902 | 1 |
| 2067 | 1,592 | 8,292 | 520.8\% | 0.1832 | 1 |
| 2068 | 1,214 | 6,158 | 507.4\% | 0.1765 | 1 |
| 2069 | 915 | 4,576 | 499.8\% | 0.1701 | 0 |
| 2070 | 683 | 3,407 | 499.0\% | 0.1638 | 0 |
| 2071 | 503 | 2,515 | 500.3\% | 0.1578 | 0 |
| 2072 | 365 | 1,839 | 503.6\% | 0.1521 | 0 |
| 2073 | 263 | 1,300 | 494.9\% | 0.1465 | 0 |
| 2074 | 187 | 903 | 484.1\% | 0.1411 | 0 |
| 2075 | 131 | 627 | 479.3\% | 0.1360 | 0 |
| 2076 | 90 | 427 | 472.3\% | 0.1310 | 0 |
| 2077 | 62 | 283 | 457.7\% | 0.1262 | 0 |
| 2078 | 42 | 186 | 444.4\% | 0.1216 | 0 |
| 2079 | 28 | 121 | 432.4\% | 0.1171 | 0 |
| 2080 | 18 | 77 | 415.3\% | 0.1128 | 0 |
| 2081 | 12 | 48 | 395.6\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 5,577,936 | 260,865 | 4.7\% |  |  |
| Future: | 6,916,741 | 9,333,960 | 134.9\% |  |  |
| Lifetime: | 12,494,677 | 9,594,825 | 76.8\% |  |  |

CONFIDENTIAL

| Exhibit 33c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 29,840,270 | 24.2\% | 0.9815 | 58,124 |
| 2023 | 168,938,349 | 38,292,805 | 22.7\% | 0.9456 | 57,343 |
| 2024 | 176,648,565 | 46,669,131 | 26.4\% | 0.9110 | 56,542 |
| 2025 | 173,613,978 | 55,891,863 | 32.2\% | 0.8776 | 55,689 |
| 2026 | 170,402,860 | 66,003,356 | 38.7\% | 0.8455 | 54,769 |
| 2027 | 166,948,036 | 76,740,136 | 46.0\% | 0.8145 | 53,763 |
| 2028 | 163,204,199 | 88,934,772 | 54.5\% | 0.7847 | 52,658 |
| 2029 | 159,115,607 | 103,030,561 | 64.8\% | 0.7560 | 51,435 |
| 2030 | 154,602,505 | 117,929,745 | 76.3\% | 0.7283 | 50,069 |
| 2031 | 149,648,400 | 132,604,052 | 88.6\% | 0.7017 | 48,557 |
| 2032 | 144,238,658 | 147,679,695 | 102.4\% | 0.6760 | 46,915 |
| 2033 | 138,445,484 | 166,048,837 | 119.9\% | 0.6512 | 45,154 |
| 2034 | 132,317,242 | 186,799,655 | 141.2\% | 0.6274 | 43,281 |
| 2035 | 125,887,478 | 205,946,080 | 163.6\% | 0.6044 | 41,307 |
| 2036 | 119,201,529 | 222,772,682 | 186.9\% | 0.5823 | 39,244 |
| 2037 | 112,310,663 | 237,000,772 | 211.0\% | 0.5610 | 37,102 |
| 2038 | 105,253,970 | 250,138,771 | 237.7\% | 0.5404 | 34,893 |
| 2039 | 98,077,279 | 262,615,941 | 267.8\% | 0.5207 | 32,633 |
| 2040 | 90,840,794 | 270,605,891 | 297.9\% | 0.5016 | 30,343 |
| 2041 | 83,627,882 | 275,557,989 | 329.5\% | 0.4832 | 28,049 |
| 2042 | 76,518,955 | 278,754,507 | 364.3\% | 0.4655 | 25,768 |
| 2043 | 69,560,222 | 279,205,262 | 401.4\% | 0.4485 | 23,518 |
| 2044 | 62,797,841 | 277,095,589 | 441.3\% | 0.4321 | 21,322 |
| 2045 | 56,301,846 | 270,285,999 | 480.1\% | 0.4163 | 19,207 |
| 2046 | 50,142,343 | 261,053,403 | 520.6\% | 0.4010 | 17,195 |
| 2047 | 44,372,590 | 251,605,401 | 567.0\% | 0.3863 | 15,294 |
| 2048 | 39,003,862 | 239,476,500 | 614.0\% | 0.3722 | 13,510 |
| 2049 | 34,039,169 | 224,497,883 | 659.5\% | 0.3586 | 11,851 |
| 2050 | 29,490,339 | 207,255,172 | 702.8\% | 0.3454 | 10,325 |
| 2051 | 25,373,941 | 189,385,006 | 746.4\% | 0.3328 | 8,939 |
| 2052 | 21,691,277 | 173,221,901 | 798.6\% | 0.3206 | 7,688 |
| 2053 | 18,418,892 | 157,672,617 | 856.0\% | 0.3089 | 6,568 |
| 2054 | 15,530,329 | 142,136,841 | 915.2\% | 0.2976 | 5,573 |
| 2055 | 13,002,889 | 127,319,788 | 979.2\% | 0.2867 | 4,698 |
| 2056 | 10,816,109 | 112,994,502 | 1044.7\% | 0.2762 | 3,938 |
| 2057 | 8,944,706 | 98,349,556 | 1099.5\% | 0.2661 | 3,283 |
| 2058 | 7,353,998 | 84,581,166 | 1150.1\% | 0.2563 | 2,722 |
| 2059 | 6,010,195 | 73,212,257 | 1218.1\% | 0.2469 | 2,244 |
| 2060 | 4,883,617 | 63,606,055 | 1302.4\% | 0.2379 | 1,840 |
| 2061 | 3,946,586 | 55,141,937 | 1397.2\% | 0.2292 | 1,502 |
| 2062 | 3,172,383 | 47,652,833 | 1502.1\% | 0.2208 | 1,220 |
| 2063 | 2,536,694 | 40,865,014 | 1611.0\% | 0.2127 | 987 |
| 2064 | 2,018,957 | 34,771,644 | 1722.3\% | 0.2049 | 795 |
| 2065 | 1,599,867 | 29,532,471 | 1845.9\% | 0.1974 | 638 |
| 2066 | 1,262,059 | 24,980,355 | 1979.3\% | 0.1902 | 510 |
| 2067 | 991,092 | 20,899,774 | 2108.8\% | 0.1832 | 406 |
| 2068 | 774,915 | 17,315,942 | 2234.6\% | 0.1765 | 322 |
| 2069 | 603,462 | 14,493,109 | 2401.7\% | 0.1701 | 255 |
| 2070 | 467,659 | 12,035,387 | 2573.5\% | 0.1638 | 200 |
| 2071 | 360,180 | 9,840,951 | 2732.2\% | 0.1578 | 156 |
| 2072 | 275,388 | 8,038,519 | 2919.0\% | 0.1521 | 121 |
| 2073 | 208,919 | 6,502,618 | 3112.5\% | 0.1465 | 93 |
| 2074 | 157,267 | 5,170,938 | 3288.0\% | 0.1411 | 71 |
| 2075 | 117,514 | 4,078,594 | 3470.7\% | 0.1360 | 54 |
| 2076 | 87,068 | 3,187,860 | 3661.3\% | 0.1310 | 41 |
| 2077 | 63,932 | 2,441,708 | 3819.2\% | 0.1262 | 30 |
| 2078 | 46,534 | 1,798,810 | 3865.6\% | 0.1216 | 22 |
| 2079 | 33,591 | 1,315,719 | 3916.9\% | 0.1171 | 17 |
| 2080 | 24,035 | 959,036 | 3990.2\% | 0.1128 | 12 |
| 2081 | 17,043 | 696,142 | 4084.7\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 2,248,020,952 | 3,210,949,662 | 142.8\% |  |  |
| Lifetime: | 3,860,647,205 | 3,286,947,869 | 85.1\% |  |  |


| Calendar Year | Exhibit 33d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,380,542 | 2,011,018 | 45.9\% | 0.9815 | 2,471 |
| 2023 | 6,172,942 | 2,425,416 | 39.3\% | 0.9456 | 2,415 |
| 2024 | 6,366,685 | 2,771,057 | 43.5\% | 0.9110 | 2,361 |
| 2025 | 6,169,179 | 3,089,115 | 50.1\% | 0.8776 | 2,301 |
| 2026 | 5,957,880 | 3,390,547 | 56.9\% | 0.8455 | 2,236 |
| 2027 | 5,733,321 | 3,677,504 | 64.1\% | 0.8145 | 2,167 |
| 2028 | 5,491,186 | 3,964,353 | 72.2\% | 0.7847 | 2,091 |
| 2029 | 5,229,949 | 4,254,766 | 81.4\% | 0.7560 | 2,010 |
| 2030 | 4,952,577 | 4,501,263 | 90.9\% | 0.7283 | 1,921 |
| 2031 | 4,662,300 | 4,689,809 | 100.6\% | 0.7017 | 1,828 |
| 2032 | 4,361,669 | 4,879,055 | 111.9\% | 0.6760 | 1,730 |
| 2033 | 4,056,071 | 5,117,971 | 126.2\% | 0.6512 | 1,628 |
| 2034 | 3,750,921 | 5,354,543 | 142.8\% | 0.6274 | 1,526 |
| 2035 | 3,449,665 | 5,502,322 | 159.5\% | 0.6044 | 1,422 |
| 2036 | 3,154,146 | 5,568,889 | 176.6\% | 0.5823 | 1,319 |
| 2037 | 2,867,387 | 5,575,463 | 194.4\% | 0.5610 | 1,215 |
| 2038 | 2,590,326 | 5,538,740 | 213.8\% | 0.5404 | 1,114 |
| 2039 | 2,323,601 | 5,457,498 | 234.9\% | 0.5207 | 1,014 |
| 2040 | 2,069,664 | 5,282,458 | 255.2\% | 0.5016 | 917 |
| 2041 | 1,832,279 | 5,054,472 | 275.9\% | 0.4832 | 824 |
| 2042 | 1,611,372 | 4,812,114 | 298.6\% | 0.4655 | 736 |
| 2043 | 1,406,908 | 4,537,828 | 322.5\% | 0.4485 | 653 |
| 2044 | 1,219,151 | 4,226,116 | 346.6\% | 0.4321 | 574 |
| 2045 | 1,048,457 | 3,860,278 | 368.2\% | 0.4163 | 502 |
| 2046 | 895,193 | 3,481,828 | 388.9\% | 0.4010 | 436 |
| 2047 | 759,601 | 3,134,528 | 412.7\% | 0.3863 | 376 |
| 2048 | 640,011 | 2,793,300 | 436.4\% | 0.3722 | 322 |
| 2049 | 535,101 | 2,453,928 | 458.6\% | 0.3586 | 274 |
| 2050 | 443,989 | 2,121,890 | 477.9\% | 0.3454 | 232 |
| 2051 | 365,663 | 1,810,345 | 495.1\% | 0.3328 | 195 |
| 2052 | 299,149 | 1,539,346 | 514.6\% | 0.3206 | 162 |
| 2053 | 243,026 | 1,299,753 | 534.8\% | 0.3089 | 135 |
| 2054 | 195,944 | 1,086,536 | 554.5\% | 0.2976 | 111 |
| 2055 | 156,758 | 900,623 | 574.5\% | 0.2867 | 91 |
| 2056 | 124,534 | 739,971 | 594.2\% | 0.2762 | 75 |
| 2057 | 98,333 | 596,958 | 607.1\% | 0.2661 | 61 |
| 2058 | 77,164 | 475,282 | 615.9\% | 0.2563 | 49 |
| 2059 | 60,182 | 378,945 | 629.7\% | 0.2469 | 40 |
| 2060 | 46,663 | 303,291 | 650.0\% | 0.2379 | 32 |
| 2061 | 36,013 | 242,049 | 672.1\% | 0.2292 | 26 |
| 2062 | 27,659 | 193,307 | 698.9\% | 0.2208 | 21 |
| 2063 | 21,146 | 153,107 | 724.1\% | 0.2127 | 17 |
| 2064 | 16,092 | 120,411 | 748.3\% | 0.2049 | 14 |
| 2065 | 12,201 | 94,796 | 777.0\% | 0.1974 | 11 |
| 2066 | 9,203 | 74,693 | 811.6\% | 0.1902 | 9 |
| 2067 | 6,902 | 58,659 | 849.9\% | 0.1832 | 7 |
| 2068 | 5,148 | 45,878 | 891.2\% | 0.1765 | 5 |
| 2069 | 3,821 | 36,022 | 942.8\% | 0.1701 | 4 |
| 2070 | 2,817 | 27,854 | 988.7\% | 0.1638 | 3 |
| 2071 | 2,062 | 21,398 | 1037.7\% | 0.1578 | 3 |
| 2072 | 1,498 | 16,437 | 1097.5\% | 0.1521 | 2 |
| 2073 | 1,080 | 12,581 | 1165.5\% | 0.1465 | 2 |
| 2074 | 773 | 9,564 | 1237.2\% | 0.1411 | 1 |
| 2075 | 548 | 7,209 | 1316.4\% | 0.1360 | 1 |
| 2076 | 384 | 5,394 | 1403.9\% | 0.1310 | 1 |
| 2077 | 268 | 3,972 | 1484.7\% | 0.1262 | 0 |
| 2078 | 184 | 2,740 | 1486.9\% | 0.1216 | 0 |
| 2079 | 125 | 1,890 | 1506.4\% | 0.1171 | 0 |
| 2080 | 85 | 1,299 | 1535.1\% | 0.1128 | 0 |
| 2081 | 57 | 892 | 1578.8\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 59,323,670 | 7,304,318 | 12.3\% |  |  |
| Future: | 68,319,041 | 74,802,542 | 109.5\% |  |  |
| Lifetime: | 127,642,711 | 82,106,861 | 64.3\% |  |  |


| Calendar Year | Exhibit 34a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 789 | 20.7\% | 0.9815 | 1 |
| 2023 | 3,775 | 908 | 24.1\% | 0.9456 | 1 |
| 2024 | 3,743 | 1,054 | 28.2\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,246 | 33.6\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,515 | 41.2\% | 0.8455 | 1 |
| 2027 | 3,636 | 2,046 | 56.3\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,386 | 66.4\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,851 | 80.4\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,365 | 96.3\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,943 | 114.7\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,659 | 138.3\% | 0.6760 | 1 |
| 2033 | 3,296 | 5,329 | 161.7\% | 0.6512 | 1 |
| 2034 | 3,215 | 6,379 | 198.4\% | 0.6274 | 1 |
| 2035 | 3,124 | 7,451 | 238.5\% | 0.6044 | 1 |
| 2036 | 3,024 | 8,481 | 280.5\% | 0.5823 | 1 |
| 2037 | 2,915 | 9,306 | 319.3\% | 0.5610 | 1 |
| 2038 | 2,797 | 10,229 | 365.7\% | 0.5404 | 1 |
| 2039 | 2,668 | 11,244 | 421.4\% | 0.5207 | 1 |
| 2040 | 2,529 | 12,140 | 480.1\% | 0.5016 | 1 |
| 2041 | 2,379 | 12,807 | 538.4\% | 0.4832 | 1 |
| 2042 | 2,220 | 12,805 | 576.7\% | 0.4655 | 1 |
| 2043 | 2,055 | 13,111 | 638.1\% | 0.4485 | 0 |
| 2044 | 1,882 | 12,868 | 683.7\% | 0.4321 | 0 |
| 2045 | 1,705 | 12,337 | 723.7\% | 0.4163 | 0 |
| 2046 | 1,527 | 10,943 | 716.6\% | 0.4010 | 0 |
| 2047 | 1,354 | 9,303 | 687.2\% | 0.3863 | 0 |
| 2048 | 1,186 | 8,619 | 726.9\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,763 | 758.2\% | 0.3586 | 0 |
| 2050 | 871 | 6,875 | 789.1\% | 0.3454 | 0 |
| 2051 | 731 | 5,786 | 792.0\% | 0.3328 | 0 |
| 2052 | 605 | 4,140 | 684.5\% | 0.3206 | 0 |
| 2053 | 493 | 3,379 | 685.1\% | 0.3089 | 0 |
| 2054 | 395 | 2,732 | 691.9\% | 0.2976 | 0 |
| 2055 | 310 | 2,203 | 709.9\% | 0.2867 | 0 |
| 2056 | 239 | 1,723 | 721.3\% | 0.2762 | 0 |
| 2057 | 180 | 1,194 | 664.1\% | 0.2661 | 0 |
| 2058 | 132 | 824 | 624.9\% | 0.2563 | 0 |
| 2059 | 94 | 566 | 599.4\% | 0.2469 | 0 |
| 2060 | 66 | 384 | 581.3\% | 0.2379 | 0 |
| 2061 | 45 | 256 | 564.9\% | 0.2292 | 0 |
| 2062 | 31 | 166 | 543.7\% | 0.2208 | 0 |
| 2063 | 20 | 104 | 512.8\% | 0.2127 | 0 |
| 2064 | 13 | 61 | 467.5\% | 0.2049 | 0 |
| 2065 | 8 | 34 | 403.5\% | 0.1974 | 0 |
| 2066 | 5 | 17 | 320.6\% | 0.1902 | 0 |
| 2067 | 3 | 7 | 222.8\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 123.0\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 50.1\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.9\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 110,828 | 204.2\% |  |  |
| Lifetime: | 96,093 | 110,883 | 115.4\% |  |  |


| Calendar Year | Exhibit 34b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.0\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.0\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 0.0\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.0\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 0.2\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 0.3\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 0.9\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 20.7\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,794,064 | 24.1\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,470,465 | 28.2\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 4,288,859 | 33.6\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 5,288,158 | 41.2\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 6,460,006 | 56.3\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,765,517 | 66.4\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 9,143,767 | 80.4\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 10,744,323 | 96.3\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 12,597,027 | 114.7\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 14,539,216 | 138.3\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 16,636,513 | 161.7\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 18,850,963 | 198.4\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 21,441,375 | 238.5\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 24,327,052 | 280.5\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 27,036,162 | 319.3\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 29,500,263 | 365.7\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 31,672,104 | 421.4\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 33,724,793 | 480.1\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 35,617,559 | 538.4\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 36,950,781 | 576.7\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 37,976,598 | 638.1\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 38,825,946 | 683.7\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 39,173,451 | 723.7\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 38,966,391 | 716.6\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 38,036,240 | 687.2\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 36,899,770 | 726.9\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 35,814,703 | 758.2\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 34,265,178 | 789.1\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 32,243,127 | 792.0\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 29,747,878 | 684.5\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 27,186,256 | 685.1\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 24,937,293 | 691.9\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 22,729,951 | 709.9\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 20,551,895 | 721.3\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 18,472,339 | 664.1\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 16,394,215 | 624.9\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 14,254,299 | 599.4\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 12,261,003 | 581.3\% | 0.2469 | 424 |
| 2060 | 822,070 | 10,624,944 | 564.9\% | 0.2379 | 348 |
| 2061 | 671,368 | 9,231,967 | 543.7\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,964,618 | 512.8\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,831,789 | 467.5\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,805,510 | 403.5\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,897,760 | 320.6\% | 0.1974 | 120 |
| 2066 | 224,822 | 4,135,606 | 222.8\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,468,945 | 123.0\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,871,344 | 50.1\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,367,674 | 7.9\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,955,296 | 0.0\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,593,594 | 0.0\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,288,570 | 0.0\% | 0.1521 | 22 |
| 2073 | 39,869 | 1,038,330 | 0.0\% | 0.1465 | 17 |
| 2074 | 30,403 | 835,894 | 0.0\% | 0.1411 | 13 |
| 2075 | 23,031 | 663,487 | 0.0\% | 0.1360 | 10 |
| 2076 | 17,332 | 522,148 | 0.0\% | 0.1310 | 7 |
| 2077 | 12,930 | 411,294 | 0.0\% | 0.1262 | 5 |
| 2078 | 9,568 | 313,345 | 0.0\% | 0.1216 | 4 |
| 2079 | 7,017 | 228,834 | 0.0\% | 0.1171 | 3 |
| 2080 | 5,106 | 165,754 | 0.0\% | 0.1128 | 2 |
| 2081 | 3,684 | 120,834 | 0.0\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 279,445,303 | 418,710,468 | 149.8\% |  |  |
| Lifetime: | 503,634,117 | 425,146,210 | 84.4\% |  |  |


| Exhibit 34c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Virginia Approved Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 180,866 | 26.1\% | 0.9815 | 367 |
| 2023 | 672,602 | 215,999 | 32.1\% | 0.9456 | 358 |
| 2024 | 653,907 | 254,910 | 39.0\% | 0.9110 | 351 |
| 2025 | 635,011 | 297,387 | 46.8\% | 0.8776 | 343 |
| 2026 | 617,935 | 341,419 | 55.3\% | 0.8455 | 335 |
| 2027 | 599,022 | 384,739 | 64.2\% | 0.8145 | 327 |
| 2028 | 579,054 | 425,332 | 73.5\% | 0.7847 | 317 |
| 2029 | 557,456 | 464,805 | 83.4\% | 0.7560 | 307 |
| 2030 | 534,167 | 503,738 | 94.3\% | 0.7283 | 296 |
| 2031 | 509,260 | 537,621 | 105.6\% | 0.7017 | 284 |
| 2032 | 482,807 | 570,432 | 118.1\% | 0.6760 | 271 |
| 2033 | 455,023 | 605,403 | 133.0\% | 0.6512 | 257 |
| 2034 | 426,573 | 639,602 | 149.9\% | 0.6274 | 243 |
| 2035 | 397,615 | 670,501 | 168.6\% | 0.6044 | 229 |
| 2036 | 368,809 | 690,806 | 187.3\% | 0.5823 | 214 |
| 2037 | 340,388 | 701,850 | 206.2\% | 0.5610 | 200 |
| 2038 | 312,468 | 707,944 | 226.6\% | 0.5404 | 185 |
| 2039 | 285,221 | 705,822 | 247.5\% | 0.5207 | 170 |
| 2040 | 258,794 | 695,598 | 268.8\% | 0.5016 | 156 |
| 2041 | 233,399 | 672,987 | 288.3\% | 0.4832 | 142 |
| 2042 | 209,255 | 644,634 | 308.1\% | 0.4655 | 129 |
| 2043 | 186,575 | 617,575 | 331.0\% | 0.4485 | 116 |
| 2044 | 165,366 | 585,662 | 354.2\% | 0.4321 | 104 |
| 2045 | 145,611 | 549,355 | 377.3\% | 0.4163 | 92 |
| 2046 | 127,422 | 506,379 | 397.4\% | 0.4010 | 81 |
| 2047 | 110,864 | 463,370 | 418.0\% | 0.3863 | 72 |
| 2048 | 95,994 | 423,743 | 441.4\% | 0.3722 | 63 |
| 2049 | 82,637 | 382,845 | 463.3\% | 0.3586 | 54 |
| 2050 | 70,710 | 341,207 | 482.5\% | 0.3454 | 47 |
| 2051 | 60,165 | 299,213 | 497.3\% | 0.3328 | 40 |
| 2052 | 50,947 | 260,795 | 511.9\% | 0.3206 | 34 |
| 2053 | 42,968 | 228,292 | 531.3\% | 0.3089 | 29 |
| 2054 | 36,081 | 197,557 | 547.5\% | 0.2976 | 25 |
| 2055 | 30,165 | 169,912 | 563.3\% | 0.2867 | 21 |
| 2056 | 25,139 | 146,262 | 581.8\% | 0.2762 | 18 |
| 2057 | 20,888 | 125,512 | 600.9\% | 0.2661 | 15 |
| 2058 | 17,316 | 105,943 | 611.8\% | 0.2563 | 12 |
| 2059 | 14,311 | 89,255 | 623.7\% | 0.2469 | 10 |
| 2060 | 11,797 | 75,601 | 640.8\% | 0.2379 | 8 |
| 2061 | 9,692 | 64,181 | 662.2\% | 0.2292 | 7 |
| 2062 | 7,943 | 54,270 | 683.3\% | 0.2208 | 6 |
| 2063 | 6,487 | 45,529 | 701.8\% | 0.2127 | 5 |
| 2064 | 5,284 | 38,145 | 721.9\% | 0.2049 | 4 |
| 2065 | 4,291 | 32,060 | 747.2\% | 0.1974 | 3 |
| 2066 | 3,472 | 26,657 | 767.8\% | 0.1902 | 3 |
| 2067 | 2,797 | 22,001 | 786.7\% | 0.1832 | 2 |
| 2068 | 2,240 | 17,419 | 777.6\% | 0.1765 | 2 |
| 2069 | 1,783 | 14,145 | 793.2\% | 0.1701 | 1 |
| 2070 | 1,407 | 11,310 | 803.9\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,868 | 806.1\% | 0.1578 | 1 |
| 2072 | 850 | 6,817 | 802.1\% | 0.1521 | 1 |
| 2073 | 648 | 5,140 | 792.9\% | 0.1465 | 1 |
| 2074 | 487 | 3,853 | 791.8\% | 0.1411 | 0 |
| 2075 | 361 | 2,857 | 791.7\% | 0.1360 | 0 |
| 2076 | 264 | 2,105 | 797.1\% | 0.1310 | 0 |
| 2077 | 191 | 1,535 | 805.1\% | 0.1262 | 0 |
| 2078 | 135 | 1,065 | 787.7\% | 0.1216 | 0 |
| 2079 | 95 | 720 | 758.3\% | 0.1171 | 0 |
| 2080 | 66 | 482 | 732.5\% | 0.1128 | 0 |
| 2081 | 45 | 320 | 709.1\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 7,557,472 | 689,346 | 9.1\% |  |  |
| Future: | 7,796,571 | 9,140,628 | 117.2\% |  |  |
| Lifetime: | 15,354,042 | 9,829,974 | 64.0\% |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this fling |  |  |  |  |  |


| Calendar Year | Exhibit 35a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested 132\% Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,658,138 | 28.3\% | 0.9815 | 2,907 |
| 2023 | 14,964,175 | 3,365,241 | 22.5\% | 0.9456 | 2,878 |
| 2024 | 25,232,870 | 4,256,621 | 16.9\% | 0.9110 | 2,848 |
| 2025 | 24,895,939 | 4,837,589 | 19.4\% | 0.8776 | 2,816 |
| 2026 | 24,530,810 | 5,479,310 | 22.3\% | 0.8455 | 2,781 |
| 2027 | 24,123,456 | 6,150,196 | 25.5\% | 0.8145 | 2,744 |
| 2028 | 23,660,299 | 6,951,327 | 29.4\% | 0.7847 | 2,703 |
| 2029 | 23,173,078 | 7,900,305 | 34.1\% | 0.7560 | 2,657 |
| 2030 | 22,642,568 | 8,896,049 | 39.3\% | 0.7283 | 2,605 |
| 2031 | 22,065,614 | 9,857,908 | 44.7\% | 0.7017 | 2,548 |
| 2032 | 21,425,982 | 10,809,193 | 50.4\% | 0.6760 | 2,485 |
| 2033 | 20,746,540 | 12,125,432 | 58.4\% | 0.6512 | 2,418 |
| 2034 | 20,021,935 | 13,740,031 | 68.6\% | 0.6274 | 2,345 |
| 2035 | 19,254,531 | 15,247,320 | 79.2\% | 0.6044 | 2,267 |
| 2036 | 18,448,457 | 16,594,882 | 90.0\% | 0.5823 | 2,184 |
| 2037 | 17,607,407 | 17,789,888 | 101.0\% | 0.5610 | 2,097 |
| 2038 | 16,731,644 | 19,195,893 | 114.7\% | 0.5404 | 2,005 |
| 2039 | 15,823,662 | 20,771,603 | 131.3\% | 0.5207 | 1,910 |
| 2040 | 14,897,712 | 22,021,653 | 147.8\% | 0.5016 | 1,810 |
| 2041 | 13,955,870 | 23,079,420 | 165.4\% | 0.4832 | 1,708 |
| 2042 | 13,004,031 | 23,900,991 | 183.8\% | 0.4655 | 1,604 |
| 2043 | 12,046,979 | 24,547,748 | 203.8\% | 0.4485 | 1,498 |
| 2044 | 11,097,417 | 25,138,131 | 226.5\% | 0.4321 | 1,391 |
| 2045 | 10,167,290 | 25,288,383 | 248.7\% | 0.4163 | 1,286 |
| 2046 | 9,264,112 | 25,330,984 | 273.4\% | 0.4010 | 1,183 |
| 2047 | 8,396,314 | 25,243,147 | 300.6\% | 0.3863 | 1,082 |
| 2048 | 7,565,995 | 24,650,271 | 325.8\% | 0.3722 | 985 |
| 2049 | 6,775,289 | 23,714,462 | 350.0\% | 0.3586 | 891 |
| 2050 | 6,027,769 | 22,515,566 | 373.5\% | 0.3454 | 802 |
| 2051 | 5,336,022 | 21,389,678 | 400.9\% | 0.3328 | 718 |
| 2052 | 4,697,666 | 20,441,520 | 435.1\% | 0.3206 | 640 |
| 2053 | 4,111,991 | 19,362,405 | 470.9\% | 0.3089 | 567 |
| 2054 | 3,578,724 | 18,153,884 | 507.3\% | 0.2976 | 500 |
| 2055 | 3,096,938 | 16,892,632 | 545.5\% | 0.2867 | 439 |
| 2056 | 2,666,187 | 15,598,751 | 585.1\% | 0.2762 | 384 |
| 2057 | 2,284,457 | 14,056,644 | 615.3\% | 0.2661 | 334 |
| 2058 | 1,947,689 | 12,534,931 | 643.6\% | 0.2563 | 289 |
| 2059 | 1,652,591 | 11,425,643 | 691.4\% | 0.2469 | 250 |
| 2060 | 1,395,544 | 10,498,660 | 752.3\% | 0.2379 | 215 |
| 2061 | 1,173,059 | 9,712,394 | 828.0\% | 0.2292 | 184 |
| 2062 | 981,525 | 8,938,824 | 910.7\% | 0.2208 | 157 |
| 2063 | 817,777 | 8,168,457 | 998.9\% | 0.2127 | 134 |
| 2064 | 678,841 | 7,402,425 | 1090.5\% | 0.2049 | 113 |
| 2065 | 561,253 | 6,685,566 | 1191.2\% | 0.1974 | 96 |
| 2066 | 462,033 | 5,990,531 | 1296.6\% | 0.1902 | 80 |
| 2067 | 378,698 | 5,217,782 | 1377.8\% | 0.1832 | 67 |
| 2068 | 309,055 | 4,488,169 | 1452.2\% | 0.1765 | 56 |
| 2069 | 251,075 | 3,946,174 | 1571.7\% | 0.1701 | 46 |
| 2070 | 202,888 | 3,443,522 | 1697.3\% | 0.1638 | 38 |
| 2071 | 163,001 | 2,954,564 | 1812.6\% | 0.1578 | 31 |
| 2072 | 130,155 | 2,493,565 | 1915.8\% | 0.1521 | 25 |
| 2073 | 103,295 | 2,092,889 | 2026.1\% | 0.1465 | 20 |
| 2074 | 81,529 | 1,694,223 | 2078.1\% | 0.1411 | 16 |
| 2075 | 63,980 | 1,353,181 | 2115.0\% | 0.1360 | 13 |
| 2076 | 49,910 | 1,056,568 | 2116.9\% | 0.1310 | 10 |
| 2077 | 38,694 | 788,471 | 2037.7\% | 0.1262 | 8 |
| 2078 | 29,818 | 588,807 | 1974.7\% | 0.1216 | 6 |
| 2079 | 22,827 | 433,456 | 1898.9\% | 0.1171 | 4 |
| 2080 | 17,346 | 315,139 | 1816.7\% | 0.1128 | 3 |
| 2081 | 13,074 | 231,386 | 1769.9\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 326,132,341 | 294,711,588 | 90.4\% |  |  |
| Lifetime: | 463,781,395 | 303,755,942 | 65.5\% |  |  |

Exhibit 35b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime Low BIO With Requested 0\% Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,233 | 315,866 | 73.6\% | 0.9815 | 162 |
| 2023 | 592,655 | 362,469 | 61.2\% | 0.9456 | 160 |
| 2024 | 615,723 | 389,553 | 63.3\% | 0.9110 | 158 |
| 2025 | 599,580 | 407,849 | 68.0\% | 0.8776 | 155 |
| 2026 | 581,569 | 421,825 | 72.5\% | 0.8455 | 152 |
| 2027 | 561,760 | 438,936 | 78.1\% | 0.8145 | 148 |
| 2028 | 540,042 | 456,996 | 84.6\% | 0.7847 | 145 |
| 2029 | 516,574 | 477,553 | 92.4\% | 0.7560 | 140 |
| 2030 | 491,481 | 496,100 | 100.9\% | 0.7283 | 136 |
| 2031 | 464,992 | 506,597 | 108.9\% | 0.7017 | 131 |
| 2032 | 437,575 | 520,419 | 118.9\% | 0.6760 | 126 |
| 2033 | 409,975 | 547,079 | 133.4\% | 0.6512 | 120 |
| 2034 | 382,469 | 580,884 | 151.9\% | 0.6274 | 114 |
| 2035 | 355,244 | 606,727 | 170.8\% | 0.6044 | 108 |
| 2036 | 328,500 | 623,159 | 189.7\% | 0.5823 | 102 |
| 2037 | 302,458 | 632,623 | 209.2\% | 0.5610 | 96 |
| 2038 | 277,157 | 645,945 | 233.1\% | 0.5404 | 90 |
| 2039 | 252,717 | 660,969 | 261.5\% | 0.5207 | 83 |
| 2040 | 229,224 | 663,966 | 289.7\% | 0.5016 | 77 |
| 2041 | 206,807 | 659,171 | 318.7\% | 0.4832 | 71 |
| 2042 | 185,589 | 645,322 | 347.7\% | 0.4655 | 65 |
| 2043 | 165,544 | 621,851 | 375.6\% | 0.4485 | 59 |
| 2044 | 146,719 | 592,417 | 403.8\% | 0.4321 | 53 |
| 2045 | 129,213 | 549,076 | 424.9\% | 0.4163 | 47 |
| 2046 | 113,109 | 505,135 | 446.6\% | 0.4010 | 42 |
| 2047 | 98,430 | 465,779 | 473.2\% | 0.3863 | 37 |
| 2048 | 85,089 | 422,313 | 496.3\% | 0.3722 | 32 |
| 2049 | 73,049 | 374,814 | 513.1\% | 0.3586 | 28 |
| 2050 | 62,291 | 325,192 | 522.1\% | 0.3454 | 24 |
| 2051 | 52,771 | 277,949 | 526.7\% | 0.3328 | 21 |
| 2052 | 44,446 | 238,617 | 536.9\% | 0.3206 | 18 |
| 2053 | 37,174 | 205,252 | 552.1\% | 0.3089 | 15 |
| 2054 | 30,869 | 173,771 | 562.9\% | 0.2976 | 12 |
| 2055 | 25,452 | 145,357 | 571.1\% | 0.2867 | 10 |
| 2056 | 20,848 | 119,827 | 574.8\% | 0.2762 | 8 |
| 2057 | 16,975 | 95,566 | 563.0\% | 0.2661 | 7 |
| 2058 | 13,735 | 75,733 | 551.4\% | 0.2563 | 6 |
| 2059 | 11,050 | 61,300 | 554.8\% | 0.2469 | 5 |
| 2060 | 8,841 | 49,429 | 559.1\% | 0.2379 | 4 |
| 2061 | 7,035 | 39,717 | 564.6\% | 0.2292 | 3 |
| 2062 | 5,566 | 31,348 | 563.2\% | 0.2208 | 2 |
| 2063 | 4,381 | 24,192 | 552.2\% | 0.2127 | 2 |
| 2064 | 3,433 | 18,802 | 547.7\% | 0.2049 | 1 |
| 2065 | 2,676 | 14,407 | 538.4\% | 0.1974 | 1 |
| 2066 | 2,072 | 11,028 | 532.2\% | 0.1902 | 1 |
| 2067 | 1,592 | 8,292 | 520.8\% | 0.1832 | 1 |
| 2068 | 1,214 | 6,158 | 507.4\% | 0.1765 | 1 |
| 2069 | 915 | 4,576 | 499.8\% | 0.1701 | 0 |
| 2070 | 683 | 3,407 | 499.0\% | 0.1638 | 0 |
| 2071 | 503 | 2,515 | 500.3\% | 0.1578 | 0 |
| 2072 | 365 | 1,839 | 503.6\% | 0.1521 | 0 |
| 2073 | 263 | 1,300 | 494.9\% | 0.1465 | 0 |
| 2074 | 187 | 903 | 484.1\% | 0.1411 | 0 |
| 2075 | 131 | 627 | 479.3\% | 0.1360 | 0 |
| 2076 | 90 | 427 | 472.3\% | 0.1310 | 0 |
| 2077 | 62 | 283 | 457.7\% | 0.1262 | 0 |
| 2078 | 42 | 186 | 444.4\% | 0.1216 | 0 |
| 2079 | 28 | 121 | 432.4\% | 0.1171 | 0 |
| 2080 | 18 | 77 | 415.3\% | 0.1128 | 0 |
| 2081 | 12 | 48 | 395.6\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 5,577,936 | 260,865 | 4.7\% |  |  |
| Future: | 6,916,741 | 9,333,960 | 134.9\% |  |  |
| Lifetime: | 12,494,677 | 9,594,825 | 76.8\% |  |  |

CONFIDENTIAL

| Calendar Year | Exhibit 35c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Requested 86\% Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 29,840,270 | 24.2\% | 0.9815 | 58,124 |
| 2023 | 217,341,054 | 39,948,545 | 18.4\% | 0.9456 | 57,343 |
| 2024 | 328,215,336 | 52,578,286 | 16.0\% | 0.9110 | 56,542 |
| 2025 | 322,662,575 | 62,638,716 | 19.4\% | 0.8776 | 55,689 |
| 2026 | 316,760,916 | 73,692,153 | 23.3\% | 0.8455 | 54,769 |
| 2027 | 310,385,283 | 85,426,920 | 27.5\% | 0.8145 | 53,763 |
| 2028 | 303,458,032 | 98,738,735 | 32.5\% | 0.7847 | 52,658 |
| 2029 | 295,878,470 | 114,096,721 | 38.6\% | 0.7560 | 51,435 |
| 2030 | 287,506,605 | 130,258,825 | 45.3\% | 0.7283 | 50,069 |
| 2031 | 278,306,672 | 146,089,294 | 52.5\% | 0.7017 | 48,557 |
| 2032 | 268,252,433 | 162,281,012 | 60.5\% | 0.6760 | 46,915 |
| 2033 | 257,483,008 | 181,954,608 | 70.7\% | 0.6512 | 45,154 |
| 2034 | 246,090,060 | 204,074,424 | 82.9\% | 0.6274 | 43,281 |
| 2035 | 234,134,842 | 224,274,848 | 95.8\% | 0.6044 | 41,307 |
| 2036 | 221,703,457 | 241,819,482 | 109.1\% | 0.5823 | 39,244 |
| 2037 | 208,889,306 | 256,473,835 | 122.8\% | 0.5610 | 37,102 |
| 2038 | 195,765,599 | 269,878,984 | 137.9\% | 0.5404 | 34,893 |
| 2039 | 182,418,311 | 282,486,034 | 154.9\% | 0.5207 | 32,633 |
| 2040 | 168,960,207 | 290,228,584 | 171.8\% | 0.5016 | 30,343 |
| 2041 | 155,544,982 | 294,694,800 | 189.5\% | 0.4832 | 28,049 |
| 2042 | 142,322,819 | 297,292,844 | 208.9\% | 0.4655 | 25,768 |
| 2043 | 129,379,995 | 296,986,835 | 229.5\% | 0.4485 | 23,518 |
| 2044 | 116,802,330 | 293,967,955 | 251.7\% | 0.4321 | 21,322 |
| 2045 | 104,720,100 | 285,965,548 | 273.1\% | 0.4163 | 19,207 |
| 2046 | 93,263,667 | 275,414,431 | 295.3\% | 0.4010 | 17,195 |
| 2047 | 82,532,188 | 264,707,764 | 320.7\% | 0.3863 | 15,294 |
| 2048 | 72,546,657 | 251,283,107 | 346.4\% | 0.3722 | 13,510 |
| 2049 | 63,312,549 | 234,976,306 | 371.1\% | 0.3586 | 11,851 |
| 2050 | 54,851,915 | 216,430,988 | 394.6\% | 0.3454 | 10,325 |
| 2051 | 47,195,503 | 197,345,934 | 418.1\% | 0.3328 | 8,939 |
| 2052 | 40,345,775 | 180,126,950 | 446.5\% | 0.3206 | 7,688 |
| 2053 | 34,259,140 | 163,626,858 | 477.6\% | 0.3089 | 6,568 |
| 2054 | 28,886,412 | 147,217,790 | 509.6\% | 0.2976 | 5,573 |
| 2055 | 24,185,373 | 131,617,802 | 544.2\% | 0.2867 | 4,698 |
| 2056 | 20,117,963 | 116,591,460 | 579.5\% | 0.2762 | 3,938 |
| 2057 | 16,637,154 | 101,305,363 | 608.9\% | 0.2661 | 3,283 |
| 2058 | 13,678,436 | 86,980,046 | 635.9\% | 0.2563 | 2,722 |
| 2059 | 11,178,962 | 75,170,606 | 672.4\% | 0.2469 | 2,244 |
| 2060 | 9,083,528 | 65,211,004 | 717.9\% | 0.2379 | 1,840 |
| 2061 | 7,340,649 | 56,452,029 | 769.0\% | 0.2292 | 1,502 |
| 2062 | 5,900,633 | 48,716,122 | 825.6\% | 0.2208 | 1,220 |
| 2063 | 4,718,250 | 41,719,720 | 884.2\% | 0.2127 | 987 |
| 2064 | 3,755,260 | 35,452,053 | 944.1\% | 0.2049 | 795 |
| 2065 | 2,975,753 | 30,072,219 | 1010.6\% | 0.1974 | 638 |
| 2066 | 2,347,429 | 25,405,897 | 1082.3\% | 0.1902 | 510 |
| 2067 | 1,843,432 | 21,231,614 | 1151.7\% | 0.1832 | 406 |
| 2068 | 1,441,342 | 17,572,342 | 1219.2\% | 0.1765 | 322 |
| 2069 | 1,122,439 | 14,692,660 | 1309.0\% | 0.1701 | 255 |
| 2070 | 869,846 | 12,189,415 | 1401.3\% | 0.1638 | 200 |
| 2071 | 669,934 | 9,957,878 | 1486.4\% | 0.1578 | 156 |
| 2072 | 512,222 | 8,127,094 | 1586.6\% | 0.1521 | 121 |
| 2073 | 388,589 | 6,569,052 | 1690.5\% | 0.1465 | 93 |
| 2074 | 292,517 | 5,220,008 | 1784.5\% | 0.1411 | 71 |
| 2075 | 218,577 | 4,114,530 | 1882.4\% | 0.1360 | 54 |
| 2076 | 161,947 | 3,213,885 | 1984.5\% | 0.1310 | 41 |
| 2077 | 118,913 | 2,460,213 | 2068.9\% | 0.1262 | 30 |
| 2078 | 86,553 | 1,811,515 | 2092.9\% | 0.1216 | 22 |
| 2079 | 62,480 | 1,324,391 | 2119.7\% | 0.1171 | 17 |
| 2080 | 44,705 | 964,940 | 2158.5\% | 0.1128 | 12 |
| 2081 | 31,700 | 700,155 | 2208.7\% | 0.1087 | 9 |

Accumulated and Present Values as of 12/31/2021

| Past: | $1,612,626,252$ | $75,998,208$ | $4.7 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $3,984,396,335$ | $3,442,702,655$ | $86.4 \%$ |
| Lifetime: | $5,597,022,587$ | $3,518,700,863$ | $62.9 \%$ |


| Calendar Year | Exhibit 35d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Requested 0\% Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,380,542 | 2,011,018 | 45.9\% | 0.9815 | 2,471 |
| 2023 | 6,172,942 | 2,425,416 | 39.3\% | 0.9456 | 2,415 |
| 2024 | 6,366,685 | 2,771,057 | 43.5\% | 0.9110 | 2,361 |
| 2025 | 6,169,179 | 3,089,115 | 50.1\% | 0.8776 | 2,301 |
| 2026 | 5,957,880 | 3,390,547 | 56.9\% | 0.8455 | 2,236 |
| 2027 | 5,733,321 | 3,677,504 | 64.1\% | 0.8145 | 2,167 |
| 2028 | 5,491,186 | 3,964,353 | 72.2\% | 0.7847 | 2,091 |
| 2029 | 5,229,949 | 4,254,766 | 81.4\% | 0.7560 | 2,010 |
| 2030 | 4,952,577 | 4,501,263 | 90.9\% | 0.7283 | 1,921 |
| 2031 | 4,662,300 | 4,689,809 | 100.6\% | 0.7017 | 1,828 |
| 2032 | 4,361,669 | 4,879,055 | 111.9\% | 0.6760 | 1,730 |
| 2033 | 4,056,071 | 5,117,971 | 126.2\% | 0.6512 | 1,628 |
| 2034 | 3,750,921 | 5,354,543 | 142.8\% | 0.6274 | 1,526 |
| 2035 | 3,449,665 | 5,502,322 | 159.5\% | 0.6044 | 1,422 |
| 2036 | 3,154,146 | 5,568,889 | 176.6\% | 0.5823 | 1,319 |
| 2037 | 2,867,387 | 5,575,463 | 194.4\% | 0.5610 | 1,215 |
| 2038 | 2,590,326 | 5,538,740 | 213.8\% | 0.5404 | 1,114 |
| 2039 | 2,323,601 | 5,457,498 | 234.9\% | 0.5207 | 1,014 |
| 2040 | 2,069,664 | 5,282,458 | 255.2\% | 0.5016 | 917 |
| 2041 | 1,832,279 | 5,054,472 | 275.9\% | 0.4832 | 824 |
| 2042 | 1,611,372 | 4,812,114 | 298.6\% | 0.4655 | 736 |
| 2043 | 1,406,908 | 4,537,828 | 322.5\% | 0.4485 | 653 |
| 2044 | 1,219,151 | 4,226,116 | 346.6\% | 0.4321 | 574 |
| 2045 | 1,048,457 | 3,860,278 | 368.2\% | 0.4163 | 502 |
| 2046 | 895,193 | 3,481,828 | 388.9\% | 0.4010 | 436 |
| 2047 | 759,601 | 3,134,528 | 412.7\% | 0.3863 | 376 |
| 2048 | 640,011 | 2,793,300 | 436.4\% | 0.3722 | 322 |
| 2049 | 535,101 | 2,453,928 | 458.6\% | 0.3586 | 274 |
| 2050 | 443,989 | 2,121,890 | 477.9\% | 0.3454 | 232 |
| 2051 | 365,663 | 1,810,345 | 495.1\% | 0.3328 | 195 |
| 2052 | 299,149 | 1,539,346 | 514.6\% | 0.3206 | 162 |
| 2053 | 243,026 | 1,299,753 | 534.8\% | 0.3089 | 135 |
| 2054 | 195,944 | 1,086,536 | 554.5\% | 0.2976 | 111 |
| 2055 | 156,758 | 900,623 | 574.5\% | 0.2867 | 91 |
| 2056 | 124,534 | 739,971 | 594.2\% | 0.2762 | 75 |
| 2057 | 98,333 | 596,958 | 607.1\% | 0.2661 | 61 |
| 2058 | 77,164 | 475,282 | 615.9\% | 0.2563 | 49 |
| 2059 | 60,182 | 378,945 | 629.7\% | 0.2469 | 40 |
| 2060 | 46,663 | 303,291 | 650.0\% | 0.2379 | 32 |
| 2061 | 36,013 | 242,049 | 672.1\% | 0.2292 | 26 |
| 2062 | 27,659 | 193,307 | 698.9\% | 0.2208 | 21 |
| 2063 | 21,146 | 153,107 | 724.1\% | 0.2127 | 17 |
| 2064 | 16,092 | 120,411 | 748.3\% | 0.2049 | 14 |
| 2065 | 12,201 | 94,796 | 777.0\% | 0.1974 | 11 |
| 2066 | 9,203 | 74,693 | 811.6\% | 0.1902 | 9 |
| 2067 | 6,902 | 58,659 | 849.9\% | 0.1832 | 7 |
| 2068 | 5,148 | 45,878 | 891.2\% | 0.1765 | 5 |
| 2069 | 3,821 | 36,022 | 942.8\% | 0.1701 | 4 |
| 2070 | 2,817 | 27,854 | 988.7\% | 0.1638 | 3 |
| 2071 | 2,062 | 21,398 | 1037.7\% | 0.1578 | 3 |
| 2072 | 1,498 | 16,437 | 1097.5\% | 0.1521 | 2 |
| 2073 | 1,080 | 12,581 | 1165.5\% | 0.1465 | 2 |
| 2074 | 773 | 9,564 | 1237.2\% | 0.1411 | 1 |
| 2075 | 548 | 7,209 | 1316.4\% | 0.1360 | 1 |
| 2076 | 384 | 5,394 | 1403.9\% | 0.1310 | 1 |
| 2077 | 268 | 3,972 | 1484.7\% | 0.1262 | 0 |
| 2078 | 184 | 2,740 | 1486.9\% | 0.1216 | 0 |
| 2079 | 125 | 1,890 | 1506.4\% | 0.1171 | 0 |
| 2080 | 85 | 1,299 | 1535.1\% | 0.1128 | 0 |
| 2081 | 57 | 892 | 1578.8\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 59,323,670 | 7,304,318 | 12.3\% |  |  |
| Future: | 68,319,041 | 74,802,542 | 109.5\% |  |  |
| Lifetime: | 127,642,711 | 82,106,861 | 64.3\% |  |  |


| Exhibit 36a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested 0\% Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3.80\% |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 789 | 20.7\% | 0.9815 | 1 |
| 2023 | 3,775 | 908 | 24.1\% | 0.9456 | 1 |
| 2024 | 3,743 | 1,054 | 28.2\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,246 | 33.6\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,515 | 41.2\% | 0.8455 | 1 |
| 2027 | 3,636 | 2,046 | 56.3\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,386 | 66.4\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,851 | 80.4\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,365 | 96.3\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,943 | 114.7\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,659 | 138.3\% | 0.6760 | 1 |
| 2033 | 3,296 | 5,329 | 161.7\% | 0.6512 | 1 |
| 2034 | 3,215 | 6,379 | 198.4\% | 0.6274 | 1 |
| 2035 | 3,124 | 7,451 | 238.5\% | 0.6044 | 1 |
| 2036 | 3,024 | 8,481 | 280.5\% | 0.5823 | 1 |
| 2037 | 2,915 | 9,306 | 319.3\% | 0.5610 | 1 |
| 2038 | 2,797 | 10,229 | 365.7\% | 0.5404 | 1 |
| 2039 | 2,668 | 11,244 | 421.4\% | 0.5207 | 1 |
| 2040 | 2,529 | 12,140 | 480.1\% | 0.5016 | 1 |
| 2041 | 2,379 | 12,807 | 538.4\% | 0.4832 | 1 |
| 2042 | 2,220 | 12,805 | 576.7\% | 0.4655 | 1 |
| 2043 | 2,055 | 13,111 | 638.1\% | 0.4485 | 0 |
| 2044 | 1,882 | 12,868 | 683.7\% | 0.4321 | 0 |
| 2045 | 1,705 | 12,337 | 723.7\% | 0.4163 | 0 |
| 2046 | 1,527 | 10,943 | 716.6\% | 0.4010 | 0 |
| 2047 | 1,354 | 9,303 | 687.2\% | 0.3863 | 0 |
| 2048 | 1,186 | 8,619 | 726.9\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,763 | 758.2\% | 0.3586 | 0 |
| 2050 | 871 | 6,875 | 789.1\% | 0.3454 | 0 |
| 2051 | 731 | 5,786 | 792.0\% | 0.3328 | 0 |
| 2052 | 605 | 4,140 | 684.5\% | 0.3206 | 0 |
| 2053 | 493 | 3,379 | 685.1\% | 0.3089 | 0 |
| 2054 | 395 | 2,732 | 691.9\% | 0.2976 | 0 |
| 2055 | 310 | 2,203 | 709.9\% | 0.2867 | 0 |
| 2056 | 239 | 1,723 | 721.3\% | 0.2762 | 0 |
| 2057 | 180 | 1,194 | 664.1\% | 0.2661 | 0 |
| 2058 | 132 | 824 | 624.9\% | 0.2563 | 0 |
| 2059 | 94 | 566 | 599.4\% | 0.2469 | 0 |
| 2060 | 66 | 384 | 581.3\% | 0.2379 | 0 |
| 2061 | 45 | 256 | 564.9\% | 0.2292 | 0 |
| 2062 | 31 | 166 | 543.7\% | 0.2208 | 0 |
| 2063 | 20 | 104 | 512.8\% | 0.2127 | 0 |
| 2064 | 13 | 61 | 467.5\% | 0.2049 | 0 |
| 2065 | 8 | 34 | 403.5\% | 0.1974 | 0 |
| 2066 | 5 | 17 | 320.6\% | 0.1902 | 0 |
| 2067 | 3 | 7 | 222.8\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 123.0\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 50.1\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.9\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 110,828 | 204.2\% |  |  |
| Lifetime: | 96,093 | 110,883 | 115.4\% |  |  |

CONFIDENTIAL

| Calendar Year | Exhibit 36b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Requested 94.8\% Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,794,064 | 13.4\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,470,465 | 16.9\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 4,288,859 | 21.2\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 5,288,158 | 26.5\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 6,460,006 | 32.9\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,765,517 | 40.1\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 9,143,767 | 48.1\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 10,744,323 | 57.7\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 12,597,027 | 69.2\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 14,539,216 | 81.9\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 16,636,513 | 96.5\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 18,850,963 | 113.0\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 21,441,375 | 133.4\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 24,327,052 | 157.6\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 27,036,162 | 183.2\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 29,500,263 | 210.1\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 31,672,104 | 238.1\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 33,724,793 | 269.0\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 35,617,559 | 303.1\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 36,950,781 | 337.4\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 37,976,598 | 374.2\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 38,825,946 | 415.4\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 39,173,451 | 457.9\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 38,966,391 | 501.1\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 38,036,240 | 541.8\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 36,899,770 | 586.0\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 35,814,703 | 638.0\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 34,265,178 | 689.5\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 32,243,127 | 738.2\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 29,747,878 | 780.6\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 27,186,256 | 823.3\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 24,937,293 | 877.2\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 22,729,951 | 935.3\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 20,551,895 | 996.6\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 18,472,339 | 1063.2\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 16,394,215 | 1127.4\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 14,254,299 | 1178.1\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 12,261,003 | 1225.5\% | 0.2469 | 424 |
| 2060 | 822,070 | 10,624,944 | 1292.5\% | 0.2379 | 348 |
| 2061 | 671,368 | 9,231,967 | 1375.1\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,964,618 | 1461.0\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,831,789 | 1552.0\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,805,510 | 1642.3\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,897,760 | 1733.4\% | 0.1974 | 120 |
| 2066 | 224,822 | 4,135,606 | 1839.5\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,468,945 | 1948.5\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,871,344 | 2045.7\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,367,674 | 2148.3\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,955,296 | 2268.4\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,593,594 | 2375.4\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,288,570 | 2482.7\% | 0.1521 | 22 |
| 2073 | 39,869 | 1,038,330 | 2604.3\% | 0.1465 | 17 |
| 2074 | 30,403 | 835,894 | 2749.3\% | 0.1411 | 13 |
| 2075 | 23,031 | 663,487 | 2880.8\% | 0.1360 | 10 |
| 2076 | 17,332 | 522,148 | 3012.6\% | 0.1310 | 7 |
| 2077 | 12,930 | 411,294 | 3180.9\% | 0.1262 | 5 |
| 2078 | 9,568 | 313,345 | 3275.1\% | 0.1216 | 4 |
| 2079 | 7,017 | 228,834 | 3260.9\% | 0.1171 | 3 |
| 2080 | 5,106 | 165,754 | 3246.2\% | 0.1128 | 2 |
| 2081 | 3,684 | 120,834 | 0.0\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 279,445,303 | 418,710,468 | 149.8\% |  |  |
| Lifetime: | 503,634,117 | 425,146,210 | 84.4\% |  |  |


| Exhibit 36c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Requested 0\% Rate Increase* With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year |  |  | 3.80\% |  |  |
|  | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 180,866 | 26.1\% | 0.9815 | 367 |
| 2023 | 672,602 | 215,999 | 32.1\% | 0.9456 | 358 |
| 2024 | 653,907 | 254,910 | 39.0\% | 0.9110 | 351 |
| 2025 | 635,011 | 297,387 | 46.8\% | 0.8776 | 343 |
| 2026 | 617,935 | 341,419 | 55.3\% | 0.8455 | 335 |
| 2027 | 599,022 | 384,739 | 64.2\% | 0.8145 | 327 |
| 2028 | 579,054 | 425,332 | 73.5\% | 0.7847 | 317 |
| 2029 | 557,456 | 464,805 | 83.4\% | 0.7560 | 307 |
| 2030 | 534,167 | 503,738 | 94.3\% | 0.7283 | 296 |
| 2031 | 509,260 | 537,621 | 105.6\% | 0.7017 | 284 |
| 2032 | 482,807 | 570,432 | 118.1\% | 0.6760 | 271 |
| 2033 | 455,023 | 605,403 | 133.0\% | 0.6512 | 257 |
| 2034 | 426,573 | 639,602 | 149.9\% | 0.6274 | 243 |
| 2035 | 397,615 | 670,501 | 168.6\% | 0.6044 | 229 |
| 2036 | 368,809 | 690,806 | 187.3\% | 0.5823 | 214 |
| 2037 | 340,388 | 701,850 | 206.2\% | 0.5610 | 200 |
| 2038 | 312,468 | 707,944 | 226.6\% | 0.5404 | 185 |
| 2039 | 285,221 | 705,822 | 247.5\% | 0.5207 | 170 |
| 2040 | 258,794 | 695,598 | 268.8\% | 0.5016 | 156 |
| 2041 | 233,399 | 672,987 | 288.3\% | 0.4832 | 142 |
| 2042 | 209,255 | 644,634 | 308.1\% | 0.4655 | 129 |
| 2043 | 186,575 | 617,575 | 331.0\% | 0.4485 | 116 |
| 2044 | 165,366 | 585,662 | 354.2\% | 0.4321 | 104 |
| 2045 | 145,611 | 549,355 | 377.3\% | 0.4163 | 92 |
| 2046 | 127,422 | 506,379 | 397.4\% | 0.4010 | 81 |
| 2047 | 110,864 | 463,370 | 418.0\% | 0.3863 | 72 |
| 2048 | 95,994 | 423,743 | 441.4\% | 0.3722 | 63 |
| 2049 | 82,637 | 382,845 | 463.3\% | 0.3586 | 54 |
| 2050 | 70,710 | 341,207 | 482.5\% | 0.3454 | 47 |
| 2051 | 60,165 | 299,213 | 497.3\% | 0.3328 | 40 |
| 2052 | 50,947 | 260,795 | 511.9\% | 0.3206 | 34 |
| 2053 | 42,968 | 228,292 | 531.3\% | 0.3089 | 29 |
| 2054 | 36,081 | 197,557 | 547.5\% | 0.2976 | 25 |
| 2055 | 30,165 | 169,912 | 563.3\% | 0.2867 | 21 |
| 2056 | 25,139 | 146,262 | 581.8\% | 0.2762 | 18 |
| 2057 | 20,888 | 125,512 | 600.9\% | 0.2661 | 15 |
| 2058 | 17,316 | 105,943 | 611.8\% | 0.2563 | 12 |
| 2059 | 14,311 | 89,255 | 623.7\% | 0.2469 | 10 |
| 2060 | 11,797 | 75,601 | 640.8\% | 0.2379 | 8 |
| 2061 | 9,692 | 64,181 | 662.2\% | 0.2292 | 7 |
| 2062 | 7,943 | 54,270 | 683.3\% | 0.2208 | 6 |
| 2063 | 6,487 | 45,529 | 701.8\% | 0.2127 | 5 |
| 2064 | 5,284 | 38,145 | 721.9\% | 0.2049 | 4 |
| 2065 | 4,291 | 32,060 | 747.2\% | 0.1974 | 3 |
| 2066 | 3,472 | 26,657 | 767.8\% | 0.1902 | 3 |
| 2067 | 2,797 | 22,001 | 786.7\% | 0.1832 | 2 |
| 2068 | 2,240 | 17,419 | 777.6\% | 0.1765 | 2 |
| 2069 | 1,783 | 14,145 | 793.2\% | 0.1701 | 1 |
| 2070 | 1,407 | 11,310 | 803.9\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,868 | 806.1\% | 0.1578 | 1 |
| 2072 | 850 | 6,817 | 802.1\% | 0.1521 | 1 |
| 2073 | 648 | 5,140 | 792.9\% | 0.1465 | 1 |
| 2074 | 487 | 3,853 | 791.8\% | 0.1411 | 0 |
| 2075 | 361 | 2,857 | 791.7\% | 0.1360 | 0 |
| 2076 | 264 | 2,105 | 797.1\% | 0.1310 | 0 |
| 2077 | 191 | 1,535 | 805.1\% | 0.1262 | 0 |
| 2078 | 135 | 1,065 | 787.7\% | 0.1216 | 0 |
| 2079 | 95 | 720 | 758.3\% | 0.1171 | 0 |
| 2080 | 66 | 482 | 732.5\% | 0.1128 | 0 |
| 2081 | 45 | 320 | 709.1\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 7,557,472 | 689,346 | 9.1\% |  |  |
| Future: | 7,796,571 | 9,140,628 | 117.2\% |  |  |
| Lifetime: | 15,354,042 | 9,829,974 | 64.0\% |  |  |

Exhibit 37a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO with All Approved and Requested 132\% Rate Increase Applied Since Issue With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%


CONFIDENTIAL
Exhibit 37b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime Low BIO with All Approved and Requested 0\% Rate Increase Applied Since Issue With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 19,422 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 497,780 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 772,623 | 110,593 | 14.3\% | 1.3730 | 189 |
| 2014 | 763,840 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 777,387 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 768,701 | 70,328 | 9.1\% | 1.2277 | 196 |
| 2017 | 747,240 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 744,909 | 13,998 | 1.9\% | 1.1394 | 194 |
| 2019 | 739,176 | 842 | 0.1\% | 1.0977 | 193 |
| 2020 | 730,159 | 1,272 | 0.2\% | 1.0575 | 192 |
| 2021 | 739,333 | 4,377 | 0.6\% | 1.0188 | 202 |
| 2022 | 678,188 | 343,009 | 50.6\% | 0.9815 | 162 |
| 2023 | 630,040 | 366,603 | 58.2\% | 0.9456 | 160 |
| 2024 | 615,723 | 389,628 | 63.3\% | 0.9110 | 158 |
| 2025 | 599,580 | 407,927 | 68.0\% | 0.8776 | 155 |
| 2026 | 581,569 | 421,906 | 72.5\% | 0.8455 | 152 |
| 2027 | 561,760 | 439,021 | 78.2\% | 0.8145 | 148 |
| 2028 | 540,042 | 457,083 | 84.6\% | 0.7847 | 145 |
| 2029 | 516,574 | 477,645 | 92.5\% | 0.7560 | 140 |
| 2030 | 491,481 | 496,195 | 101.0\% | 0.7283 | 136 |
| 2031 | 464,992 | 506,694 | 109.0\% | 0.7017 | 131 |
| 2032 | 437,575 | 520,519 | 119.0\% | 0.6760 | 126 |
| 2033 | 409,975 | 547,184 | 133.5\% | 0.6512 | 120 |
| 2034 | 382,469 | 580,995 | 151.9\% | 0.6274 | 114 |
| 2035 | 355,244 | 606,843 | 170.8\% | 0.6044 | 108 |
| 2036 | 328,500 | 623,278 | 189.7\% | 0.5823 | 102 |
| 2037 | 302,458 | 632,745 | 209.2\% | 0.5610 | 96 |
| 2038 | 277,157 | 646,069 | 233.1\% | 0.5404 | 90 |
| 2039 | 252,717 | 661,095 | 261.6\% | 0.5207 | 83 |
| 2040 | 229,224 | 664,093 | 289.7\% | 0.5016 | 77 |
| 2041 | 206,807 | 659,297 | 318.8\% | 0.4832 | 71 |
| 2042 | 185,589 | 645,446 | 347.8\% | 0.4655 | 65 |
| 2043 | 165,544 | 621,970 | 375.7\% | 0.4485 | 59 |
| 2044 | 146,719 | 592,530 | 403.9\% | 0.4321 | 53 |
| 2045 | 129,213 | 549,182 | 425.0\% | 0.4163 | 47 |
| 2046 | 113,109 | 505,231 | 446.7\% | 0.4010 | 42 |
| 2047 | 98,430 | 465,869 | 473.3\% | 0.3863 | 37 |
| 2048 | 85,089 | 422,394 | 496.4\% | 0.3722 | 32 |
| 2049 | 73,049 | 374,886 | 513.2\% | 0.3586 | 28 |
| 2050 | 62,291 | 325,255 | 522.2\% | 0.3454 | 24 |
| 2051 | 52,771 | 278,002 | 526.8\% | 0.3328 | 21 |
| 2052 | 44,446 | 238,663 | 537.0\% | 0.3206 | 18 |
| 2053 | 37,174 | 205,291 | 552.2\% | 0.3089 | 15 |
| 2054 | 30,869 | 173,804 | 563.0\% | 0.2976 | 12 |
| 2055 | 25,452 | 145,384 | 571.2\% | 0.2867 | 10 |
| 2056 | 20,848 | 119,850 | 574.9\% | 0.2762 | 8 |
| 2057 | 16,975 | 95,584 | 563.1\% | 0.2661 | 7 |
| 2058 | 13,735 | 75,748 | 551.5\% | 0.2563 | 6 |
| 2059 | 11,050 | 61,312 | 554.9\% | 0.2469 | 5 |
| 2060 | 8,841 | 49,438 | 559.2\% | 0.2379 | 4 |
| 2061 | 7,035 | 39,725 | 564.7\% | 0.2292 | 3 |
| 2062 | 5,566 | 31,354 | 563.3\% | 0.2208 | 2 |
| 2063 | 4,381 | 24,197 | 552.3\% | 0.2127 | 2 |
| 2064 | 3,433 | 18,805 | 547.8\% | 0.2049 | 1 |
| 2065 | 2,676 | 14,409 | 538.5\% | 0.1974 | 1 |
| 2066 | 2,072 | 11,030 | 532.3\% | 0.1902 | 1 |
| 2067 | 1,592 | 8,294 | 520.9\% | 0.1832 | 1 |
| 2068 | 1,214 | 6,159 | 507.5\% | 0.1765 | 1 |
| 2069 | 915 | 4,577 | 499.9\% | 0.1701 | 0 |
| 2070 | 683 | 3,407 | 499.1\% | 0.1638 | 0 |
| 2071 | 503 | 2,515 | 500.4\% | 0.1578 | 0 |
| 2072 | 365 | 1,839 | 503.7\% | 0.1521 | 0 |
| 2073 | 263 | 1,300 | 495.0\% | 0.1465 | 0 |
| 2074 | 187 | 903 | 484.2\% | 0.1411 | 0 |
| 2075 | 131 | 627 | 479.4\% | 0.1360 | 0 |
| 2076 | 90 | 427 | 472.4\% | 0.1310 | 0 |
| 2077 | 62 | 283 | 457.7\% | 0.1262 | 0 |
| 2078 | 42 | 186 | 444.5\% | 0.1216 | 0 |
| 2079 | 28 | 121 | 432.5\% | 0.1171 | 0 |
| 2080 | 18 | 77 | 415.4\% | 0.1128 | 0 |
| 2081 | 12 | 48 | 395.6\% | 0.1087 | 0 |
| $0 \quad 0$ |  |  |  |  | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 8,813,139 | 260,865 | 3.0\% |  |  |
| Future: | 7,196,448 | 9,366,173 | 130.1\% |  |  |
| Lifetime: | 16,009,586 | 9,627,038 | 60.1\% |  |  |

Exhibit 37c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited High BIO with All Approved and Requested $\mathbf{8 6 \%}$ Rate Increase Applied Since Issue With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 5,272,708 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 176,334,555 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 391,236,530 | 933,524 | 0.2\% | 1.3730 | 62,798 |
| 2014 | 440,305,744 | 1,584,107 | 0.4\% | 1.3228 | 63,824 |
| 2015 | 435,940,492 | 2,715,353 | 0.6\% | 1.2743 | 62,864 |
| 2016 | 429,150,653 | 5,046,691 | 1.2\% | 1.2277 | 62,077 |
| 2017 | 423,799,350 | 5,522,710 | 1.3\% | 1.1827 | 61,401 |
| 2018 | 418,815,744 | 8,111,539 | 1.9\% | 1.1394 | 60,793 |
| 2019 | 414,437,311 | 10,543,230 | 2.5\% | 1.0977 | 60,285 |
| 2020 | 410,157,932 | 13,487,163 | 3.3\% | 1.0575 | 59,825 |
| 2021 | 403,341,811 | 20,930,484 | 5.2\% | 1.0188 | 59,401 |
| 2022 | 361,337,862 | 37,360,754 | 10.3\% | 0.9815 | 58,124 |
| 2023 | 333,506,378 | 43,912,215 | 13.2\% | 0.9456 | 57,343 |
| 2024 | 328,215,336 | 52,566,235 | 16.0\% | 0.9110 | 56,542 |
| 2025 | 322,662,575 | 62,624,360 | 19.4\% | 0.8776 | 55,689 |
| 2026 | 316,760,916 | 73,675,263 | 23.3\% | 0.8455 | 54,769 |
| 2027 | 310,385,283 | 85,407,341 | 27.5\% | 0.8145 | 53,763 |
| 2028 | 303,458,032 | 98,716,105 | 32.5\% | 0.7847 | 52,658 |
| 2029 | 295,878,470 | 114,070,571 | 38.6\% | 0.7560 | 51,435 |
| 2030 | 287,506,605 | 130,228,970 | 45.3\% | 0.7283 | 50,069 |
| 2031 | 278,306,672 | 146,055,812 | 52.5\% | 0.7017 | 48,557 |
| 2032 | 268,252,433 | 162,243,818 | 60.5\% | 0.6760 | 46,915 |
| 2033 | 257,483,008 | 181,912,905 | 70.7\% | 0.6512 | 45,154 |
| 2034 | 246,090,060 | 204,027,652 | 82.9\% | 0.6274 | 43,281 |
| 2035 | 234,134,842 | 224,223,446 | 95.8\% | 0.6044 | 41,307 |
| 2036 | 221,703,457 | 241,764,060 | 109.0\% | 0.5823 | 39,244 |
| 2037 | 208,889,306 | 256,415,053 | 122.8\% | 0.5610 | 37,102 |
| 2038 | 195,765,599 | 269,817,130 | 137.8\% | 0.5404 | 34,893 |
| 2039 | 182,418,311 | 282,421,291 | 154.8\% | 0.5207 | 32,633 |
| 2040 | 168,960,207 | 290,162,066 | 171.7\% | 0.5016 | 30,343 |
| 2041 | 155,544,982 | 294,627,258 | 189.4\% | 0.4832 | 28,049 |
| 2042 | 142,322,819 | 297,224,707 | 208.8\% | 0.4655 | 25,768 |
| 2043 | 129,379,995 | 296,918,768 | 229.5\% | 0.4485 | 23,518 |
| 2044 | 116,802,330 | 293,900,580 | 251.6\% | 0.4321 | 21,322 |
| 2045 | 104,720,100 | 285,900,007 | 273.0\% | 0.4163 | 19,207 |
| 2046 | 93,263,667 | 275,351,308 | 295.2\% | 0.4010 | 17,195 |
| 2047 | 82,532,188 | 264,647,095 | 320.7\% | 0.3863 | 15,294 |
| 2048 | 72,546,657 | 251,225,515 | 346.3\% | 0.3722 | 13,510 |
| 2049 | 63,312,549 | 234,922,452 | 371.1\% | 0.3586 | 11,851 |
| 2050 | 54,851,915 | 216,381,384 | 394.5\% | 0.3454 | 10,325 |
| 2051 | 47,195,503 | 197,300,704 | 418.0\% | 0.3328 | 8,939 |
| 2052 | 40,345,775 | 180,085,667 | 446.4\% | 0.3206 | 7,688 |
| 2053 | 34,259,140 | 163,589,356 | 477.5\% | 0.3089 | 6,568 |
| 2054 | 28,886,412 | 147,184,049 | 509.5\% | 0.2976 | 5,573 |
| 2055 | 24,185,373 | 131,587,636 | 544.1\% | 0.2867 | 4,698 |
| 2056 | 20,117,963 | 116,564,738 | 579.4\% | 0.2762 | 3,938 |
| 2057 | 16,637,154 | 101,282,145 | 608.8\% | 0.2661 | 3,283 |
| 2058 | 13,678,436 | 86,960,111 | 635.7\% | 0.2563 | 2,722 |
| 2059 | 11,178,962 | 75,153,378 | 672.3\% | 0.2469 | 2,244 |
| 2060 | 9,083,528 | 65,196,058 | 717.7\% | 0.2379 | 1,840 |
| 2061 | 7,340,649 | 56,439,091 | 768.9\% | 0.2292 | 1,502 |
| 2062 | 5,900,633 | 48,704,957 | 825.4\% | 0.2208 | 1,220 |
| 2063 | 4,718,250 | 41,710,158 | 884.0\% | 0.2127 | 987 |
| 2064 | 3,755,260 | 35,443,928 | 943.8\% | 0.2049 | 795 |
| 2065 | 2,975,753 | 30,065,326 | 1010.3\% | 0.1974 | 638 |
| 2066 | 2,347,429 | 25,400,074 | 1082.0\% | 0.1902 | 510 |
| 2067 | 1,843,432 | 21,226,748 | 1151.5\% | 0.1832 | 406 |
| 2068 | 1,441,342 | 17,568,315 | 1218.9\% | 0.1765 | 322 |
| 2069 | 1,122,439 | 14,689,292 | 1308.7\% | 0.1701 | 255 |
| 2070 | 869,846 | 12,186,621 | 1401.0\% | 0.1638 | 200 |
| 2071 | 669,934 | 9,955,596 | 1486.1\% | 0.1578 | 156 |
| 2072 | 512,222 | 8,125,232 | 1586.3\% | 0.1521 | 121 |
| 2073 | 388,589 | 6,567,546 | 1690.1\% | 0.1465 | 93 |
| 2074 | 292,517 | 5,218,811 | 1784.1\% | 0.1411 | 71 |
| 2075 | 218,577 | 4,113,587 | 1882.0\% | 0.1360 | 54 |
| 2076 | 161,947 | 3,213,148 | 1984.1\% | 0.1310 | 41 |
| 2077 | 118,913 | 2,459,650 | 2068.4\% | 0.1262 | 30 |
| 2078 | 86,553 | 1,811,099 | 2092.5\% | 0.1216 | 22 |
| 2079 | 62,480 | 1,324,087 | 2119.2\% | 0.1171 | 17 |
| 2080 | 44,705 | 964,718 | 2158.0\% | 0.1128 | 12 |
| 2081 | 31,700 | 699,995 | 2208.2\% | 0.1087 | 9 |
|  | 0 | 0 |  |  | - |

Accumulated and Present Values as of 12/31/2021

| Past: | $4,739,186,031$ | $75,998,208$ | $1.6 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $4,327,740,637$ | $3,453,058,547$ | $79.8 \%$ |
| Lifetime: | $9,066,926,667$ | $3,529,056,755$ | $38.9 \%$ |
|  |  |  |  |
|  |  |  |  |

Exhibit 37d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited Low BIO with All Approved and Requested 0\% Rate Increase Applied Since Issue With 10\% MAE
Applicable to Policies Not Subject to Revised Couple's Discount
3.80\%


Exhibit 38a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime High BIO with All Approved and Requested 0\% Rate Increase Applied Since Issue With 10\% MAE Applicable to Policies Subject to Revised Couple's Discount 3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 788 | 20.7\% | 0.9815 | 1 |
| 2023 | 3,775 | 907 | 24.0\% | 0.9456 | 1 |
| 2024 | 3,743 | 1,053 | 28.1\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,244 | 33.5\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,513 | 41.2\% | 0.8455 | 1 |
| 2027 | 3,636 | 2,043 | 56.2\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,382 | 66.3\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,847 | 80.2\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,359 | 96.1\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,936 | 114.6\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,651 | 138.0\% | 0.6760 | 1 |
| 2033 | 3,296 | 5,320 | 161.4\% | 0.6512 | 1 |
| 2034 | 3,215 | 6,368 | 198.1\% | 0.6274 | 1 |
| 2035 | 3,124 | 7,439 | 238.1\% | 0.6044 | 1 |
| 2036 | 3,024 | 8,467 | 280.0\% | 0.5823 | 1 |
| 2037 | 2,915 | 9,291 | 318.8\% | 0.5610 | 1 |
| 2038 | 2,797 | 10,212 | 365.2\% | 0.5404 | 1 |
| 2039 | 2,668 | 11,226 | 420.7\% | 0.5207 | 1 |
| 2040 | 2,529 | 12,120 | 479.3\% | 0.5016 | 1 |
| 2041 | 2,379 | 12,786 | 537.5\% | 0.4832 | 1 |
| 2042 | 2,220 | 12,784 | 575.8\% | 0.4655 | 1 |
| 2043 | 2,055 | 13,089 | 637.0\% | 0.4485 | 0 |
| 2044 | 1,882 | 12,847 | 682.6\% | 0.4321 | 0 |
| 2045 | 1,705 | 12,317 | 722.5\% | 0.4163 | 0 |
| 2046 | 1,527 | 10,926 | 715.4\% | 0.4010 | 0 |
| 2047 | 1,354 | 9,288 | 686.1\% | 0.3863 | 0 |
| 2048 | 1,186 | 8,605 | 725.7\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,750 | 757.0\% | 0.3586 | 0 |
| 2050 | 871 | 6,863 | 787.8\% | 0.3454 | 0 |
| 2051 | 731 | 5,777 | 790.7\% | 0.3328 | 0 |
| 2052 | 605 | 4,133 | 683.4\% | 0.3206 | 0 |
| 2053 | 493 | 3,374 | 684.0\% | 0.3089 | 0 |
| 2054 | 395 | 2,728 | 690.8\% | 0.2976 | 0 |
| 2055 | 310 | 2,199 | 708.7\% | 0.2867 | 0 |
| 2056 | 239 | 1,720 | 720.1\% | 0.2762 | 0 |
| 2057 | 180 | 1,192 | 663.0\% | 0.2661 | 0 |
| 2058 | 132 | 823 | 623.9\% | 0.2563 | 0 |
| 2059 | 94 | 565 | 598.5\% | 0.2469 | 0 |
| 2060 | 66 | 383 | 580.3\% | 0.2379 | 0 |
| 2061 | 45 | 256 | 564.0\% | 0.2292 | 0 |
| 2062 | 31 | 166 | 542.9\% | 0.2208 | 0 |
| 2063 | 20 | 104 | 512.0\% | 0.2127 | 0 |
| 2064 | 13 | 61 | 466.8\% | 0.2049 | 0 |
| 2065 | 8 | 34 | 402.9\% | 0.1974 | 0 |
| 2066 | 5 | 17 | 320.1\% | 0.1902 | 0 |
| 2067 | 3 | 7 | 222.5\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 122.8\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 50.0\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.9\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 110,649 | 203.9\% |  |  |
| Lifetime: | 96,093 | 110,704 | 115.2\% |  |  |

Exhibit 38b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited High BIO with All Approved and Requested 94.8\% Rate Increase Applied Since Issue With 10\% MAE
Applicable to Policies Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 677 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 1,113,077 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 23,735,039 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 43,211,219 | 80,000 | 0.2\% | 1.3228 | 9,837 |
| 2015 | 45,075,497 | 194,823 | 0.4\% | 1.2743 | 9,705 |
| 2016 | 44,295,012 | 668,171 | 1.5\% | 1.2277 | 9,558 |
| 2017 | 43,604,512 | 53,442 | 0.1\% | 1.1827 | 9,446 |
| 2018 | 42,957,852 | 225,258 | 0.5\% | 1.1394 | 9,327 |
| 2019 | 42,386,281 | 2,170,558 | 5.1\% | 1.0977 | 9,242 |
| 2020 | 41,879,222 | 912,938 | 2.2\% | 1.0575 | 9,155 |
| 2021 | 41,446,511 | 1,559,599 | 3.8\% | 1.0188 | 9,085 |
| 2022 | 40,476,987 | 3,250,284 | 8.0\% | 0.9815 | 8,902 |
| 2023 | 39,943,758 | 3,949,824 | 9.9\% | 0.9456 | 8,787 |
| 2024 | 39,372,356 | 4,841,375 | 12.3\% | 0.9110 | 8,674 |
| 2025 | 38,840,115 | 5,938,955 | 15.3\% | 0.8776 | 8,559 |
| 2026 | 38,278,689 | 7,226,571 | 18.9\% | 0.8455 | 8,435 |
| 2027 | 37,668,786 | 8,659,095 | 23.0\% | 0.8145 | 8,300 |
| 2028 | 37,001,551 | 10,166,921 | 27.5\% | 0.7847 | 8,152 |
| 2029 | 36,268,508 | 11,915,371 | 32.9\% | 0.7560 | 7,990 |
| 2030 | 35,462,680 | 13,930,743 | 39.3\% | 0.7283 | 7,810 |
| 2031 | 34,570,665 | 16,033,124 | 46.4\% | 0.7017 | 7,611 |
| 2032 | 33,581,726 | 18,294,530 | 54.5\% | 0.6760 | 7,390 |
| 2033 | 32,492,333 | 20,671,231 | 63.6\% | 0.6512 | 7,149 |
| 2034 | 31,316,865 | 23,446,327 | 74.9\% | 0.6274 | 6,891 |
| 2035 | 30,064,048 | 26,518,492 | 88.2\% | 0.6044 | 6,616 |
| 2036 | 28,740,269 | 29,378,291 | 102.2\% | 0.5823 | 6,325 |
| 2037 | 27,353,160 | 31,956,221 | 116.8\% | 0.5610 | 6,020 |
| 2038 | 25,911,019 | 34,207,297 | 132.0\% | 0.5404 | 5,703 |
| 2039 | 24,420,391 | 36,322,152 | 148.7\% | 0.5207 | 5,375 |
| 2040 | 22,890,770 | 38,253,782 | 167.1\% | 0.5016 | 5,038 |
| 2041 | 21,334,959 | 39,579,680 | 185.5\% | 0.4832 | 4,695 |
| 2042 | 19,768,320 | 40,573,694 | 205.2\% | 0.4655 | 4,350 |
| 2043 | 18,208,096 | 41,376,085 | 227.2\% | 0.4485 | 4,005 |
| 2044 | 16,663,328 | 41,642,716 | 249.9\% | 0.4321 | 3,663 |
| 2045 | 15,146,394 | 41,313,535 | 272.8\% | 0.4163 | 3,328 |
| 2046 | 13,675,494 | 40,219,144 | 294.1\% | 0.4010 | 3,004 |
| 2047 | 12,267,149 | 38,918,070 | 317.3\% | 0.3863 | 2,695 |
| 2048 | 10,934,611 | 37,678,405 | 344.6\% | 0.3722 | 2,401 |
| 2049 | 9,680,340 | 35,959,624 | 371.5\% | 0.3586 | 2,123 |
| 2050 | 8,508,430 | 33,758,979 | 396.8\% | 0.3454 | 1,864 |
| 2051 | 7,424,030 | 31,079,431 | 418.6\% | 0.3328 | 1,626 |
| 2052 | 6,432,840 | 28,347,550 | 440.7\% | 0.3206 | 1,408 |
| 2053 | 5,537,676 | 25,952,202 | 468.6\% | 0.3089 | 1,211 |
| 2054 | 4,733,873 | 23,610,208 | 498.8\% | 0.2976 | 1,034 |
| 2055 | 4,017,227 | 21,306,986 | 530.4\% | 0.2867 | 876 |
| 2056 | 3,384,498 | 19,114,681 | 564.8\% | 0.2762 | 737 |
| 2057 | 2,832,742 | 16,933,485 | 597.8\% | 0.2661 | 617 |
| 2058 | 2,357,001 | 14,697,529 | 623.6\% | 0.2563 | 513 |
| 2059 | 1,948,942 | 12,621,982 | 647.6\% | 0.2469 | 424 |
| 2060 | 1,601,392 | 10,920,844 | 682.0\% | 0.2379 | 348 |
| 2061 | 1,307,824 | 9,474,855 | 724.5\% | 0.2292 | 284 |
| 2062 | 1,061,950 | 8,162,488 | 768.6\% | 0.2208 | 231 |
| 2063 | 857,479 | 6,991,711 | 815.4\% | 0.2127 | 186 |
| 2064 | 688,623 | 5,933,233 | 861.6\% | 0.2049 | 150 |
| 2065 | 550,407 | 4,998,970 | 908.2\% | 0.1974 | 120 |
| 2066 | 437,953 | 4,215,798 | 962.6\% | 0.1902 | 95 |
| 2067 | 346,810 | 3,532,156 | 1018.5\% | 0.1832 | 76 |
| 2068 | 273,427 | 2,920,496 | 1068.1\% | 0.1765 | 60 |
| 2069 | 214,689 | 2,405,705 | 1120.6\% | 0.1701 | 47 |
| 2070 | 167,912 | 1,984,729 | 1182.0\% | 0.1638 | 37 |
| 2071 | 130,685 | 1,616,114 | 1236.6\% | 0.1578 | 29 |
| 2072 | 101,103 | 1,305,655 | 1291.4\% | 0.1521 | 22 |
| 2073 | 77,665 | 1,051,244 | 1353.6\% | 0.1465 | 17 |
| 2074 | 59,226 | 845,657 | 1427.9\% | 0.1411 | 13 |
| 2075 | 44,865 | 670,766 | 1495.1\% | 0.1360 | 10 |
| 2076 | 33,763 | 527,536 | 1562.5\% | 0.1310 | 7 |
| 2077 | 25,188 | 415,269 | 1648.7\% | 0.1262 | 5 |
| 2078 | 18,638 | 316,194 | 1696.5\% | 0.1216 | 4 |
| 2079 | 13,670 | 230,793 | 1688.3\% | 0.1171 | 3 |
| 2080 | 9,947 | 167,084 | 1679.8\% | 0.1128 | 2 |
| 2081 | 7,176 | 121,745 | 1696.6\% | 0.1087 | 2 |

Accumulated and Present Values as of 12/31/2021

| Past: | $436,719,809$ | $6,435,742$ | $1.5 \%$ |
| :--- | ---: | ---: | ---: |
| Future: | $544,145,461$ | $449,031,843$ | $82.5 \%$ |
| Lifetime: | $980,865,271$ | $455,467,585$ | $46.4 \%$ |

Exhibit 38c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Limited Low BIO with All Approved and Requested 0\% Rate Increase Applied Since Issue With 10\% MAE
Applicable to Policies Subject to Revised Couple's Discount
3.80\%

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 181,929 | 26.3\% | 0.9815 | 367 |
| 2023 | 672,602 | 217,268 | 32.3\% | 0.9456 | 358 |
| 2024 | 653,907 | 256,408 | 39.2\% | 0.9110 | 351 |
| 2025 | 635,011 | 299,135 | 47.1\% | 0.8776 | 343 |
| 2026 | 617,935 | 343,425 | 55.6\% | 0.8455 | 335 |
| 2027 | 599,022 | 387,000 | 64.6\% | 0.8145 | 327 |
| 2028 | 579,054 | 427,831 | 73.9\% | 0.7847 | 317 |
| 2029 | 557,456 | 467,536 | 83.9\% | 0.7560 | 307 |
| 2030 | 534,167 | 506,698 | 94.9\% | 0.7283 | 296 |
| 2031 | 509,260 | 540,781 | 106.2\% | 0.7017 | 284 |
| 2032 | 482,807 | 573,784 | 118.8\% | 0.6760 | 271 |
| 2033 | 455,023 | 608,961 | 133.8\% | 0.6512 | 257 |
| 2034 | 426,573 | 643,361 | 150.8\% | 0.6274 | 243 |
| 2035 | 397,615 | 674,442 | 169.6\% | 0.6044 | 229 |
| 2036 | 368,809 | 694,866 | 188.4\% | 0.5823 | 214 |
| 2037 | 340,388 | 705,975 | 207.4\% | 0.5610 | 200 |
| 2038 | 312,468 | 712,105 | 227.9\% | 0.5404 | 185 |
| 2039 | 285,221 | 709,970 | 248.9\% | 0.5207 | 170 |
| 2040 | 258,794 | 699,686 | 270.4\% | 0.5016 | 156 |
| 2041 | 233,399 | 676,942 | 290.0\% | 0.4832 | 142 |
| 2042 | 209,255 | 648,422 | 309.9\% | 0.4655 | 129 |
| 2043 | 186,575 | 621,204 | 333.0\% | 0.4485 | 116 |
| 2044 | 165,366 | 589,104 | 356.2\% | 0.4321 | 104 |
| 2045 | 145,611 | 552,583 | 379.5\% | 0.4163 | 92 |
| 2046 | 127,422 | 509,355 | 399.7\% | 0.4010 | 81 |
| 2047 | 110,864 | 466,093 | 420.4\% | 0.3863 | 72 |
| 2048 | 95,994 | 426,234 | 444.0\% | 0.3722 | 63 |
| 2049 | 82,637 | 385,094 | 466.0\% | 0.3586 | 54 |
| 2050 | 70,710 | 343,212 | 485.4\% | 0.3454 | 47 |
| 2051 | 60,165 | 300,971 | 500.2\% | 0.3328 | 40 |
| 2052 | 50,947 | 262,327 | 514.9\% | 0.3206 | 34 |
| 2053 | 42,968 | 229,634 | 534.4\% | 0.3089 | 29 |
| 2054 | 36,081 | 198,718 | 550.8\% | 0.2976 | 25 |
| 2055 | 30,165 | 170,911 | 566.6\% | 0.2867 | 21 |
| 2056 | 25,139 | 147,121 | 585.2\% | 0.2762 | 18 |
| 2057 | 20,888 | 126,250 | 604.4\% | 0.2661 | 15 |
| 2058 | 17,316 | 106,566 | 615.4\% | 0.2563 | 12 |
| 2059 | 14,311 | 89,780 | 627.3\% | 0.2469 | 10 |
| 2060 | 11,797 | 76,045 | 644.6\% | 0.2379 | 8 |
| 2061 | 9,692 | 64,558 | 666.1\% | 0.2292 | 7 |
| 2062 | 7,943 | 54,589 | 687.3\% | 0.2208 | 6 |
| 2063 | 6,487 | 45,797 | 705.9\% | 0.2127 | 5 |
| 2064 | 5,284 | 38,369 | 726.1\% | 0.2049 | 4 |
| 2065 | 4,291 | 32,249 | 751.6\% | 0.1974 | 3 |
| 2066 | 3,472 | 26,813 | 772.3\% | 0.1902 | 3 |
| 2067 | 2,797 | 22,130 | 791.3\% | 0.1832 | 2 |
| 2068 | 2,240 | 17,522 | 782.2\% | 0.1765 | 2 |
| 2069 | 1,783 | 14,228 | 797.8\% | 0.1701 | 1 |
| 2070 | 1,407 | 11,377 | 808.6\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,920 | 810.9\% | 0.1578 | 1 |
| 2072 | 850 | 6,857 | 806.9\% | 0.1521 | 1 |
| 2073 | 648 | 5,170 | 797.6\% | 0.1465 | 1 |
| 2074 | 487 | 3,876 | 796.5\% | 0.1411 | 0 |
| 2075 | 361 | 2,874 | 796.4\% | 0.1360 | 0 |
| 2076 | 264 | 2,117 | 801.7\% | 0.1310 | 0 |
| 2077 | 191 | 1,544 | 809.8\% | 0.1262 | 0 |
| 2078 | 135 | 1,071 | 792.3\% | 0.1216 | 0 |
| 2079 | 95 | 724 | 762.8\% | 0.1171 | 0 |
| 2080 | 66 | 485 | 736.8\% | 0.1128 | 0 |
| 2081 | 45 | 322 | 713.3\% | 0.1087 | 0 |


| Accumulated and Present Values as of | 12/31/2021 |  |  |
| :--- | :---: | ---: | ---: |
| Past: | $7,557,472$ | 689,346 | $9.1 \%$ |
| Future: | $7,796,571$ | $9,194,345$ | $117.9 \%$ |
| Lifetime: | $15,354,042$ | $9,883,690$ | $64.4 \%$ |

Exhibit 39a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Without Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 | 2,907 |
| 2023 | 6,999,570 | 2,785,495 | 39.8\% | 0.9456 | 2,878 |
| 2024 | 6,903,511 | 3,206,624 | 46.4\% | 0.9110 | 2,848 |
| 2025 | 6,808,505 | 3,678,549 | 54.0\% | 0.8776 | 2,816 |
| 2026 | 6,706,274 | 4,197,085 | 62.6\% | 0.8455 | 2,781 |
| 2027 | 6,592,921 | 4,739,806 | 71.9\% | 0.8145 | 2,744 |
| 2028 | 6,464,699 | 5,387,085 | 83.3\% | 0.7847 | 2,703 |
| 2029 | 6,330,202 | 6,153,046 | 97.2\% | 0.7560 | 2,657 |
| 2030 | 6,184,136 | 6,960,493 | 112.6\% | 0.7283 | 2,605 |
| 2031 | 6,025,630 | 7,746,163 | 128.6\% | 0.7017 | 2,548 |
| 2032 | 5,850,212 | 8,527,669 | 145.8\% | 0.6760 | 2,485 |
| 2033 | 5,664,087 | 9,610,270 | 169.7\% | 0.6512 | 2,418 |
| 2034 | 5,465,763 | 10,943,484 | 200.2\% | 0.6274 | 2,345 |
| 2035 | 5,255,861 | 12,204,588 | 232.2\% | 0.6044 | 2,267 |
| 2036 | 5,035,494 | 13,349,394 | 265.1\% | 0.5823 | 2,184 |
| 2037 | 4,805,656 | 14,379,095 | 299.2\% | 0.5610 | 2,097 |
| 2038 | 4,566,406 | 15,592,048 | 341.5\% | 0.5404 | 2,005 |
| 2039 | 4,318,416 | 16,960,042 | 392.7\% | 0.5207 | 1,910 |
| 2040 | 4,065,564 | 18,070,902 | 444.5\% | 0.5016 | 1,810 |
| 2041 | 3,808,406 | 19,031,895 | 499.7\% | 0.4832 | 1,708 |
| 2042 | 3,548,549 | 19,801,206 | 558.0\% | 0.4655 | 1,604 |
| 2043 | 3,287,293 | 20,428,049 | 621.4\% | 0.4485 | 1,498 |
| 2044 | 3,028,089 | 21,013,729 | 694.0\% | 0.4321 | 1,391 |
| 2045 | 2,774,184 | 21,232,656 | 765.4\% | 0.4163 | 1,286 |
| 2046 | 2,527,517 | 21,366,390 | 845.4\% | 0.4010 | 1,183 |
| 2047 | 2,290,667 | 21,388,218 | 933.7\% | 0.3863 | 1,082 |
| 2048 | 2,064,121 | 20,973,797 | 1016.1\% | 0.3722 | 985 |
| 2049 | 1,848,389 | 20,257,657 | 1096.0\% | 0.3586 | 891 |
| 2050 | 1,644,441 | 19,299,145 | 1173.6\% | 0.3454 | 802 |
| 2051 | 1,455,706 | 18,391,350 | 1263.4\% | 0.3328 | 718 |
| 2052 | 1,281,555 | 17,631,731 | 1375.8\% | 0.3206 | 640 |
| 2053 | 1,121,778 | 16,753,123 | 1493.4\% | 0.3089 | 567 |
| 2054 | 976,300 | 15,756,096 | 1613.9\% | 0.2976 | 500 |
| 2055 | 844,865 | 14,704,737 | 1740.5\% | 0.2867 | 439 |
| 2056 | 727,354 | 13,615,125 | 1871.9\% | 0.2762 | 384 |
| 2057 | 623,215 | 12,299,394 | 1973.5\% | 0.2661 | 334 |
| 2058 | 531,343 | 10,993,232 | 2069.0\% | 0.2563 | 289 |
| 2059 | 450,838 | 10,043,123 | 2227.7\% | 0.2469 | 250 |
| 2060 | 380,714 | 9,248,008 | 2429.1\% | 0.2379 | 215 |
| 2061 | 320,018 | 8,572,500 | 2678.8\% | 0.2292 | 184 |
| 2062 | 267,767 | 7,904,710 | 2952.1\% | 0.2208 | 157 |
| 2063 | 223,095 | 7,237,067 | 3243.9\% | 0.2127 | 134 |
| 2064 | 185,192 | 6,570,212 | 3547.8\% | 0.2049 | 113 |
| 2065 | 153,114 | 5,944,171 | 3882.2\% | 0.1974 | 96 |
| 2066 | 126,046 | 5,334,651 | 4232.3\% | 0.1902 | 80 |
| 2067 | 103,311 | 4,652,696 | 4503.6\% | 0.1832 | 67 |
| 2068 | 84,312 | 4,007,185 | 4752.8\% | 0.1765 | 56 |
| 2069 | 68,495 | 3,527,302 | 5149.7\% | 0.1701 | 46 |
| 2070 | 55,349 | 3,081,131 | 5566.7\% | 0.1638 | 38 |
| 2071 | 44,468 | 2,646,139 | 5950.7\% | 0.1578 | 31 |
| 2072 | 35,507 | 2,235,025 | 6294.6\% | 0.1521 | 25 |
| 2073 | 28,180 | 1,877,274 | 6661.8\% | 0.1465 | 20 |
| 2074 | 22,242 | 1,520,789 | 6837.6\% | 0.1411 | 16 |
| 2075 | 17,454 | 1,215,461 | 6963.7\% | 0.1360 | 13 |
| 2076 | 13,616 | 949,704 | 6975.0\% | 0.1310 | 10 |
| 2077 | 10,556 | 709,148 | 6717.9\% | 0.1262 | 8 |
| 2078 | 8,135 | 529,822 | 6513.2\% | 0.1216 | 6 |
| 2079 | 6,227 | 390,209 | 6266.2\% | 0.1171 | 4 |
| 2080 | 4,732 | 283,783 | 5996.8\% | 0.1128 | 3 |
| 2081 | 3,567 | 208,443 | 5844.4\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 98,536,435 | 244,053,873 | 247.7\% |  |  |
| Lifetime: | 236,185,488 | 253,098,227 | 107.2\% |  |  |

Exhibit 39b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only)
Lifetime Low BIO With Without Rate Increase* With 10\% MAE
Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 12,293 | 0 | 0.0\% | 1.4794 | 30 |
| 2012 | 315,051 | 0 | 0.0\% | 1.4252 | 195 |
| 2013 | 489,002 | 110,593 | 22.6\% | 1.3730 | 189 |
| 2014 | 483,443 | 0 | 0.0\% | 1.3228 | 190 |
| 2015 | 492,017 | 0 | 0.0\% | 1.2743 | 201 |
| 2016 | 486,520 | 70,328 | 14.5\% | 1.2277 | 196 |
| 2017 | 472,937 | 0 | 0.0\% | 1.1827 | 184 |
| 2018 | 471,462 | 13,998 | 3.0\% | 1.1394 | 194 |
| 2019 | 467,833 | 842 | 0.2\% | 1.0977 | 193 |
| 2020 | 462,126 | 1,272 | 0.3\% | 1.0575 | 192 |
| 2021 | 467,932 | 4,377 | 0.9\% | 1.0188 | 202 |
| 2022 | 429,233 | 286,406 | 66.7\% | 0.9815 | 162 |
| 2023 | 398,760 | 309,556 | 77.6\% | 0.9456 | 160 |
| 2024 | 389,698 | 331,001 | 84.9\% | 0.9110 | 158 |
| 2025 | 379,481 | 348,263 | 91.8\% | 0.8776 | 155 |
| 2026 | 368,082 | 361,919 | 98.3\% | 0.8455 | 152 |
| 2027 | 355,544 | 377,964 | 106.3\% | 0.8145 | 148 |
| 2028 | 341,799 | 394,818 | 115.5\% | 0.7847 | 145 |
| 2029 | 326,946 | 413,886 | 126.6\% | 0.7560 | 140 |
| 2030 | 311,064 | 431,222 | 138.6\% | 0.7283 | 136 |
| 2031 | 294,299 | 441,672 | 150.1\% | 0.7017 | 131 |
| 2032 | 276,946 | 454,687 | 164.2\% | 0.6760 | 126 |
| 2033 | 259,478 | 479,032 | 184.6\% | 0.6512 | 120 |
| 2034 | 242,069 | 509,685 | 210.6\% | 0.6274 | 114 |
| 2035 | 224,838 | 533,298 | 237.2\% | 0.6044 | 108 |
| 2036 | 207,911 | 548,635 | 263.9\% | 0.5823 | 102 |
| 2037 | 191,429 | 557,763 | 291.4\% | 0.5610 | 96 |
| 2038 | 175,416 | 570,449 | 325.2\% | 0.5404 | 90 |
| 2039 | 159,948 | 584,604 | 365.5\% | 0.5207 | 83 |
| 2040 | 145,079 | 588,027 | 405.3\% | 0.5016 | 77 |
| 2041 | 130,891 | 584,483 | 446.5\% | 0.4832 | 71 |
| 2042 | 117,461 | 572,820 | 487.7\% | 0.4655 | 65 |
| 2043 | 104,775 | 552,575 | 527.4\% | 0.4485 | 59 |
| 2044 | 92,860 | 526,944 | 567.5\% | 0.4321 | 53 |
| 2045 | 81,781 | 488,790 | 597.7\% | 0.4163 | 47 |
| 2046 | 71,588 | 450,033 | 628.6\% | 0.4010 | 42 |
| 2047 | 62,298 | 415,281 | 666.6\% | 0.3863 | 37 |
| 2048 | 53,854 | 376,766 | 699.6\% | 0.3722 | 32 |
| 2049 | 46,234 | 334,587 | 723.7\% | 0.3586 | 28 |
| 2050 | 39,425 | 290,448 | 736.7\% | 0.3454 | 24 |
| 2051 | 33,400 | 248,380 | 743.7\% | 0.3328 | 21 |
| 2052 | 28,130 | 213,338 | 758.4\% | 0.3206 | 18 |
| 2053 | 23,528 | 183,590 | 780.3\% | 0.3089 | 15 |
| 2054 | 19,537 | 155,500 | 795.9\% | 0.2976 | 12 |
| 2055 | 16,109 | 130,139 | 807.9\% | 0.2867 | 10 |
| 2056 | 13,195 | 107,334 | 813.4\% | 0.2762 | 8 |
| 2057 | 10,744 | 85,638 | 797.1\% | 0.2661 | 7 |
| 2058 | 8,693 | 67,898 | 781.0\% | 0.2563 | 6 |
| 2059 | 6,994 | 54,983 | 786.2\% | 0.2469 | 5 |
| 2060 | 5,596 | 44,351 | 792.6\% | 0.2379 | 4 |
| 2061 | 4,452 | 35,650 | 800.7\% | 0.2292 | 3 |
| 2062 | 3,523 | 28,148 | 799.0\% | 0.2208 | 2 |
| 2063 | 2,773 | 21,729 | 783.6\% | 0.2127 | 2 |
| 2064 | 2,173 | 16,891 | 777.4\% | 0.2049 | 1 |
| 2065 | 1,693 | 12,943 | 764.3\% | 0.1974 | 1 |
| 2066 | 1,312 | 9,908 | 755.4\% | 0.1902 | 1 |
| 2067 | 1,008 | 7,449 | 739.3\% | 0.1832 | 1 |
| 2068 | 768 | 5,532 | 720.1\% | 0.1765 | 1 |
| 2069 | 579 | 4,110 | 709.4\% | 0.1701 | 0 |
| 2070 | 432 | 3,060 | 708.2\% | 0.1638 | 0 |
| 2071 | 318 | 2,258 | 710.0\% | 0.1578 | 0 |
| 2072 | 231 | 1,651 | 714.6\% | 0.1521 | 0 |
| 2073 | 166 | 1,168 | 702.2\% | 0.1465 | 0 |
| 2074 | 118 | 811 | 687.0\% | 0.1411 | 0 |
| 2075 | 83 | 563 | 680.2\% | 0.1360 | 0 |
| 2076 | 57 | 384 | 670.1\% | 0.1310 | 0 |
| 2077 | 39 | 254 | 649.0\% | 0.1262 | 0 |
| 2078 | 27 | 167 | 629.9\% | 0.1216 | 0 |
| 2079 | 18 | 108 | 612.5\% | 0.1171 | 0 |
| 2080 | 12 | 69 | 587.8\% | 0.1128 | 0 |
| 2081 | 8 | 43 | 559.4\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 5,577,936 | 260,865 | 4.7\% |  |  |
| Future: | 4,554,714 | 8,189,325 | 179.8\% |  |  |
| Lifetime: | 10,132,650 | 8,450,191 | 83.4\% |  |  |

Exhibit 39c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Without Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 113,667,780 | 33,012,611 | 29.0\% | 0.9456 | 57,343 |
| 2024 | 111,802,889 | 40,029,364 | 35.8\% | 0.9110 | 56,542 |
| 2025 | 109,882,264 | 48,067,697 | 43.7\% | 0.8776 | 55,689 |
| 2026 | 107,849,911 | 56,871,550 | 52.7\% | 0.8455 | 54,769 |
| 2027 | 105,663,314 | 66,220,682 | 62.7\% | 0.8145 | 53,763 |
| 2028 | 103,293,797 | 76,845,566 | 74.4\% | 0.7847 | 52,658 |
| 2029 | 100,706,080 | 89,138,162 | 88.5\% | 0.7560 | 51,435 |
| 2030 | 97,849,687 | 102,158,941 | 104.4\% | 0.7283 | 50,069 |
| 2031 | 94,714,177 | 115,017,138 | 121.4\% | 0.7017 | 48,557 |
| 2032 | 91,290,290 | 128,254,752 | 140.5\% | 0.6760 | 46,915 |
| 2033 | 87,623,724 | 144,405,781 | 164.8\% | 0.6512 | 45,154 |
| 2034 | 83,745,090 | 162,691,372 | 194.3\% | 0.6274 | 43,281 |
| 2035 | 79,675,619 | 179,644,123 | 225.5\% | 0.6044 | 41,307 |
| 2036 | 75,444,006 | 194,623,447 | 258.0\% | 0.5823 | 39,244 |
| 2037 | 71,082,698 | 207,359,541 | 291.7\% | 0.5610 | 37,102 |
| 2038 | 66,616,437 | 219,168,796 | 329.0\% | 0.5404 | 34,893 |
| 2039 | 62,074,227 | 230,431,984 | 371.2\% | 0.5207 | 32,633 |
| 2040 | 57,494,173 | 237,772,485 | 413.6\% | 0.5016 | 30,343 |
| 2041 | 52,929,039 | 242,450,768 | 458.1\% | 0.4832 | 28,049 |
| 2042 | 48,429,718 | 245,580,786 | 507.1\% | 0.4655 | 25,768 |
| 2043 | 44,025,457 | 246,282,396 | 559.4\% | 0.4485 | 23,518 |
| 2044 | 39,745,469 | 244,721,382 | 615.7\% | 0.4321 | 21,322 |
| 2045 | 35,634,079 | 239,008,569 | 670.7\% | 0.4163 | 19,207 |
| 2046 | 31,735,660 | 231,147,389 | 728.4\% | 0.4010 | 17,195 |
| 2047 | 28,083,918 | 223,067,727 | 794.3\% | 0.3863 | 15,294 |
| 2048 | 24,685,989 | 212,571,561 | 861.1\% | 0.3722 | 13,510 |
| 2049 | 21,543,778 | 199,504,017 | 926.0\% | 0.3586 | 11,851 |
| 2050 | 18,664,771 | 184,373,644 | 987.8\% | 0.3454 | 10,325 |
| 2051 | 16,059,456 | 168,640,389 | 1050.1\% | 0.3328 | 8,939 |
| 2052 | 13,728,656 | 154,393,438 | 1124.6\% | 0.3206 | 7,688 |
| 2053 | 11,657,527 | 140,662,393 | 1206.6\% | 0.3089 | 6,568 |
| 2054 | 9,829,322 | 126,913,593 | 1291.2\% | 0.2976 | 5,573 |
| 2055 | 8,229,676 | 113,781,513 | 1382.6\% | 0.2867 | 4,698 |
| 2056 | 6,845,639 | 101,063,644 | 1476.3\% | 0.2762 | 3,938 |
| 2057 | 5,661,207 | 88,032,743 | 1555.0\% | 0.2661 | 3,283 |
| 2058 | 4,654,429 | 75,764,045 | 1627.8\% | 0.2563 | 2,722 |
| 2059 | 3,803,921 | 65,625,987 | 1725.2\% | 0.2469 | 2,244 |
| 2060 | 3,090,897 | 57,052,509 | 1845.8\% | 0.2379 | 1,840 |
| 2061 | 2,497,839 | 49,491,938 | 1981.4\% | 0.2292 | 1,502 |
| 2062 | 2,007,838 | 42,796,846 | 2131.5\% | 0.2208 | 1,220 |
| 2063 | 1,605,502 | 36,722,838 | 2287.3\% | 0.2127 | 987 |
| 2064 | 1,277,821 | 31,265,239 | 2446.8\% | 0.2049 | 795 |
| 2065 | 1,012,574 | 26,569,152 | 2623.9\% | 0.1974 | 638 |
| 2066 | 798,771 | 22,485,802 | 2815.0\% | 0.1902 | 510 |
| 2067 | 627,274 | 18,822,072 | 3000.6\% | 0.1832 | 406 |
| 2068 | 490,453 | 15,601,693 | 3181.1\% | 0.1765 | 322 |
| 2069 | 381,938 | 13,064,141 | 3420.5\% | 0.1701 | 255 |
| 2070 | 295,987 | 10,853,264 | 3666.8\% | 0.1638 | 200 |
| 2071 | 227,962 | 8,877,856 | 3894.4\% | 0.1578 | 156 |
| 2072 | 174,296 | 7,254,506 | 4162.2\% | 0.1521 | 121 |
| 2073 | 132,227 | 5,870,424 | 4439.7\% | 0.1465 | 93 |
| 2074 | 99,536 | 4,669,667 | 4691.4\% | 0.1411 | 71 |
| 2075 | 74,376 | 3,684,286 | 4953.6\% | 0.1360 | 54 |
| 2076 | 55,106 | 2,880,464 | 5227.1\% | 0.1310 | 41 |
| 2077 | 40,463 | 2,206,814 | 5453.9\% | 0.1262 | 30 |
| 2078 | 29,452 | 1,626,123 | 5521.3\% | 0.1216 | 22 |
| 2079 | 21,260 | 1,189,649 | 5595.6\% | 0.1171 | 17 |
| 2080 | 15,212 | 867,304 | 5701.5\% | 0.1128 | 12 |
| 2081 | 10,787 | 629,662 | 5837.4\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 1,473,653,382 | 2,820,766,084 | 191.4\% |  |  |
| Lifetime: | 3,086,279,634 | 2,896,764,292 | 93.9\% |  |  |

Exhibit 39d: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO With Without Rate Increase* With 10\% MAE Applicable to Policies Not Subject to Revised Couple's Discount No Prior Increases

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ <br> Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 98,871 | 0 | 0.0\% | 1.4794 | 238 |
| 2012 | 2,393,578 | 0 | 0.0\% | 1.4252 | 2,235 |
| 2013 | 4,956,412 | 259,751 | 5.2\% | 1.3730 | 2,845 |
| 2014 | 5,505,881 | 239,877 | 4.4\% | 1.3228 | 2,893 |
| 2015 | 5,458,010 | 666,851 | 12.2\% | 1.2743 | 2,970 |
| 2016 | 5,365,576 | 324,717 | 6.1\% | 1.2277 | 2,973 |
| 2017 | 5,259,412 | 721,711 | 13.7\% | 1.1827 | 2,955 |
| 2018 | 5,196,101 | 1,375,772 | 26.5\% | 1.1394 | 3,058 |
| 2019 | 5,120,315 | 942,875 | 18.4\% | 1.0977 | 3,074 |
| 2020 | 5,014,590 | 1,164,217 | 23.2\% | 1.0575 | 3,043 |
| 2021 | 4,976,717 | 681,685 | 13.7\% | 1.0188 | 3,120 |
| 2022 | 4,380,542 | 1,823,455 | 41.6\% | 0.9815 | 2,471 |
| 2023 | 4,153,377 | 2,091,710 | 50.4\% | 0.9456 | 2,415 |
| 2024 | 4,029,547 | 2,376,381 | 59.0\% | 0.9110 | 2,361 |
| 2025 | 3,904,544 | 2,655,495 | 68.0\% | 0.8776 | 2,301 |
| 2026 | 3,770,810 | 2,919,570 | 77.4\% | 0.8455 | 2,236 |
| 2027 | 3,628,684 | 3,170,869 | 87.4\% | 0.8145 | 2,167 |
| 2028 | 3,475,434 | 3,422,440 | 98.5\% | 0.7847 | 2,091 |
| 2029 | 3,310,094 | 3,678,059 | 111.1\% | 0.7560 | 2,010 |
| 2030 | 3,134,543 | 3,896,363 | 124.3\% | 0.7283 | 1,921 |
| 2031 | 2,950,823 | 4,064,815 | 137.8\% | 0.7017 | 1,828 |
| 2032 | 2,760,550 | 4,233,969 | 153.4\% | 0.6760 | 1,730 |
| 2033 | 2,567,133 | 4,447,186 | 173.2\% | 0.6512 | 1,628 |
| 2034 | 2,374,001 | 4,659,297 | 196.3\% | 0.6274 | 1,526 |
| 2035 | 2,183,332 | 4,794,656 | 219.6\% | 0.6044 | 1,422 |
| 2036 | 1,996,295 | 4,859,337 | 243.4\% | 0.5823 | 1,319 |
| 2037 | 1,814,802 | 4,871,426 | 268.4\% | 0.5610 | 1,215 |
| 2038 | 1,639,447 | 4,845,603 | 295.6\% | 0.5404 | 1,114 |
| 2039 | 1,470,634 | 4,780,765 | 325.1\% | 0.5207 | 1,014 |
| 2040 | 1,309,914 | 4,633,188 | 353.7\% | 0.5016 | 917 |
| 2041 | 1,159,670 | 4,438,616 | 382.7\% | 0.4832 | 824 |
| 2042 | 1,019,856 | 4,230,717 | 414.8\% | 0.4655 | 736 |
| 2043 | 890,448 | 3,993,904 | 448.5\% | 0.4485 | 653 |
| 2044 | 771,614 | 3,723,600 | 482.6\% | 0.4321 | 574 |
| 2045 | 663,580 | 3,404,673 | 513.1\% | 0.4163 | 502 |
| 2046 | 566,578 | 3,073,778 | 542.5\% | 0.4010 | 436 |
| 2047 | 480,760 | 2,769,715 | 576.1\% | 0.3863 | 376 |
| 2048 | 405,070 | 2,470,313 | 609.8\% | 0.3722 | 322 |
| 2049 | 338,671 | 2,171,991 | 641.3\% | 0.3586 | 274 |
| 2050 | 281,005 | 1,879,584 | 668.9\% | 0.3454 | 232 |
| 2051 | 231,432 | 1,604,780 | 693.4\% | 0.3328 | 195 |
| 2052 | 189,335 | 1,365,522 | 721.2\% | 0.3206 | 162 |
| 2053 | 153,814 | 1,153,767 | 750.1\% | 0.3089 | 135 |
| 2054 | 124,015 | 965,142 | 778.2\% | 0.2976 | 111 |
| 2055 | 99,214 | 800,524 | 806.9\% | 0.2867 | 91 |
| 2056 | 78,819 | 658,152 | 835.0\% | 0.2762 | 75 |
| 2057 | 62,236 | 531,271 | 853.6\% | 0.2661 | 61 |
| 2058 | 48,838 | 423,236 | 866.6\% | 0.2563 | 49 |
| 2059 | 38,090 | 337,651 | 886.5\% | 0.2469 | 40 |
| 2060 | 29,534 | 270,404 | 915.6\% | 0.2379 | 32 |
| 2061 | 22,793 | 215,940 | 947.4\% | 0.2292 | 26 |
| 2062 | 17,506 | 172,571 | 985.8\% | 0.2208 | 21 |
| 2063 | 13,383 | 136,782 | 1022.0\% | 0.2127 | 17 |
| 2064 | 10,185 | 107,653 | 1057.0\% | 0.2049 | 14 |
| 2065 | 7,722 | 84,817 | 1098.4\% | 0.1974 | 11 |
| 2066 | 5,824 | 66,881 | 1148.3\% | 0.1902 | 9 |
| 2067 | 4,368 | 52,563 | 1203.4\% | 0.1832 | 7 |
| 2068 | 3,258 | 41,141 | 1262.8\% | 0.1765 | 5 |
| 2069 | 2,418 | 32,327 | 1336.9\% | 0.1701 | 4 |
| 2070 | 1,783 | 25,014 | 1402.9\% | 0.1638 | 3 |
| 2071 | 1,305 | 19,229 | 1473.4\% | 0.1578 | 3 |
| 2072 | 948 | 14,781 | 1559.3\% | 0.1521 | 2 |
| 2073 | 683 | 11,320 | 1656.9\% | 0.1465 | 2 |
| 2074 | 489 | 8,610 | 1759.9\% | 0.1411 | 1 |
| 2075 | 347 | 6,493 | 1873.4\% | 0.1360 | 1 |
| 2076 | 243 | 4,860 | 1998.7\% | 0.1310 | 1 |
| 2077 | 169 | 3,580 | 2114.5\% | 0.1262 | 0 |
| 2078 | 117 | 2,471 | 2118.7\% | 0.1216 | 0 |
| 2079 | 79 | 1,705 | 2147.2\% | 0.1171 | 0 |
| 2080 | 54 | 1,172 | 2188.8\% | 0.1128 | 0 |
| 2081 | 36 | 805 | 2251.7\% | 0.1087 | 0 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 59,323,670 | 7,304,318 | 12.3\% |  |  |
| Future: | 45,051,280 | 65,255,648 | 144.8\% |  |  |
| Lifetime: | 104,374,950 | 72,559,967 | 69.5\% |  |  |

Exhibit 40a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO with $10 \%$ MAE
Applicable to Policies Subject to Revised Couple's Discount No Prior Increases

|  |  |  | 3.80\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 750 | 0 | 0.0\% | 1.4252 | 1 |
| 2013 | 3,810 | 0 | 0.0\% | 1.3730 | 1 |
| 2014 | 3,810 | 0 | 0.0\% | 1.3228 | 1 |
| 2015 | 3,810 | 0 | 0.0\% | 1.2743 | 1 |
| 2016 | 3,810 | 0 | 0.0\% | 1.2277 | 1 |
| 2017 | 3,810 | 0 | 0.0\% | 1.1827 | 1 |
| 2018 | 3,810 | 0 | 0.0\% | 1.1394 | 1 |
| 2019 | 3,810 | 7 | 0.2\% | 1.0977 | 1 |
| 2020 | 3,810 | 10 | 0.3\% | 1.0575 | 1 |
| 2021 | 3,810 | 36 | 0.9\% | 1.0188 | 1 |
| 2022 | 3,808 | 717 | 18.8\% | 0.9815 | 1 |
| 2023 | 3,775 | 824 | 21.8\% | 0.9456 | 1 |
| 2024 | 3,743 | 957 | 25.6\% | 0.9110 | 1 |
| 2025 | 3,711 | 1,131 | 30.5\% | 0.8776 | 1 |
| 2026 | 3,675 | 1,375 | 37.4\% | 0.8455 | 1 |
| 2027 | 3,636 | 1,857 | 51.1\% | 0.8145 | 1 |
| 2028 | 3,594 | 2,166 | 60.2\% | 0.7847 | 1 |
| 2029 | 3,548 | 2,588 | 72.9\% | 0.7560 | 1 |
| 2030 | 3,495 | 3,054 | 87.4\% | 0.7283 | 1 |
| 2031 | 3,436 | 3,578 | 104.1\% | 0.7017 | 1 |
| 2032 | 3,369 | 4,228 | 125.5\% | 0.6760 | 1 |
| 2033 | 3,296 | 4,837 | 146.7\% | 0.6512 | 1 |
| 2034 | 3,215 | 5,789 | 180.1\% | 0.6274 | 1 |
| 2035 | 3,124 | 6,762 | 216.5\% | 0.6044 | 1 |
| 2036 | 3,024 | 7,697 | 254.5\% | 0.5823 | 1 |
| 2037 | 2,915 | 8,446 | 289.8\% | 0.5610 | 1 |
| 2038 | 2,797 | 9,283 | 331.9\% | 0.5404 | 1 |
| 2039 | 2,668 | 10,205 | 382.4\% | 0.5207 | 1 |
| 2040 | 2,529 | 11,018 | 435.7\% | 0.5016 | 1 |
| 2041 | 2,379 | 11,623 | 488.6\% | 0.4832 | 1 |
| 2042 | 2,220 | 11,621 | 523.4\% | 0.4655 | 1 |
| 2043 | 2,055 | 11,899 | 579.1\% | 0.4485 | 0 |
| 2044 | 1,882 | 11,679 | 620.5\% | 0.4321 | 0 |
| 2045 | 1,705 | 11,196 | 656.8\% | 0.4163 | 0 |
| 2046 | 1,527 | 9,932 | 650.3\% | 0.4010 | 0 |
| 2047 | 1,354 | 8,443 | 623.7\% | 0.3863 | 0 |
| 2048 | 1,186 | 7,822 | 659.7\% | 0.3722 | 0 |
| 2049 | 1,024 | 7,045 | 688.1\% | 0.3586 | 0 |
| 2050 | 871 | 6,239 | 716.1\% | 0.3454 | 0 |
| 2051 | 731 | 5,251 | 718.8\% | 0.3328 | 0 |
| 2052 | 605 | 3,757 | 621.2\% | 0.3206 | 0 |
| 2053 | 493 | 3,067 | 621.8\% | 0.3089 | 0 |
| 2054 | 395 | 2,480 | 628.0\% | 0.2976 | 0 |
| 2055 | 310 | 1,999 | 644.3\% | 0.2867 | 0 |
| 2056 | 239 | 1,564 | 654.6\% | 0.2762 | 0 |
| 2057 | 180 | 1,084 | 602.7\% | 0.2661 | 0 |
| 2058 | 132 | 748 | 567.2\% | 0.2563 | 0 |
| 2059 | 94 | 513 | 544.0\% | 0.2469 | 0 |
| 2060 | 66 | 349 | 527.6\% | 0.2379 | 0 |
| 2061 | 45 | 233 | 512.7\% | 0.2292 | 0 |
| 2062 | 31 | 151 | 493.5\% | 0.2208 | 0 |
| 2063 | 20 | 94 | 465.4\% | 0.2127 | 0 |
| 2064 | 13 | 56 | 424.3\% | 0.2049 | 0 |
| 2065 | 8 | 31 | 366.2\% | 0.1974 | 0 |
| 2066 | 5 | 15 | 291.0\% | 0.1902 | 0 |
| 2067 | 3 | 6 | 202.2\% | 0.1832 | 0 |
| 2068 | 2 | 2 | 111.7\% | 0.1765 | 0 |
| 2069 | 1 | 1 | 45.5\% | 0.1701 | 0 |
| 2070 | 1 | 0 | 7.2\% | 0.1638 | 0 |
| 2071 | 0 | 0 | 0.0\% | 0.1578 | 0 |
| 2072 | 0 | 0 | 0.0\% | 0.1521 | 0 |
| 2073 | 0 | 0 | 0.0\% | 0.1465 | 0 |
| 2074 | 0 | 0 | 0.0\% | 0.1411 | 0 |
| 2075 | 0 | 0 | 0.0\% | 0.1360 | 0 |
| 2076 | 0 | 0 | 0.0\% | 0.1310 | - |
| 2077 | 0 | 0 | 0.0\% | 0.1262 | - |
| 2078 | 0 | 0 | 0.0\% | 0.1216 | - |
| 2079 | 0 | 0 | 0.0\% | 0.1171 | - |
| 2080 | 0 | 0 | 0.0\% | 0.1128 | - |
| 2081 | 0 | 0 | 0.0\% | 0.1087 | - |
| Accumulated and | Present Values as | of 12/31/2021 |  |  |  |
| Past: | 41,814 | 55 | 0.1\% |  |  |
| Future: | 54,279 | 100,585 | 185.3\% |  |  |
| Lifetime: | 96,093 | 100,640 | 104.7\% |  |  |

Exhibit 40b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO with 10\% MAE
Applicable to Policies Subject to Revised Couple's Discount No Prior Increases


Exhibit 40c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited Low BIO with 10\% MAE
Applicable to Policies Subject to Revised Couple's Discount No Prior Increases

|  |  |  | 3.80\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 0 | 0 | 0.0\% | 1.4794 | 0 |
| 2012 | 23,927 | 0 | 0.0\% | 1.4252 | 66 |
| 2013 | 433,089 | 1,373 | 0.3\% | 1.3730 | 349 |
| 2014 | 775,362 | 0 | 0.0\% | 1.3228 | 424 |
| 2015 | 778,146 | 0 | 0.0\% | 1.2743 | 409 |
| 2016 | 759,737 | 208,282 | 27.4\% | 1.2277 | 426 |
| 2017 | 749,735 | 53,076 | 7.1\% | 1.1827 | 432 |
| 2018 | 726,964 | 2,895 | 0.4\% | 1.1394 | 429 |
| 2019 | 714,828 | 289,988 | 40.6\% | 1.0977 | 443 |
| 2020 | 713,318 | 1,492 | 0.2\% | 1.0575 | 457 |
| 2021 | 711,280 | 44,932 | 6.3\% | 1.0188 | 456 |
| 2022 | 692,301 | 164,150 | 23.7\% | 0.9815 | 367 |
| 2023 | 672,602 | 196,036 | 29.1\% | 0.9456 | 358 |
| 2024 | 653,907 | 231,351 | 35.4\% | 0.9110 | 351 |
| 2025 | 635,011 | 269,902 | 42.5\% | 0.8776 | 343 |
| 2026 | 617,935 | 309,864 | 50.1\% | 0.8455 | 335 |
| 2027 | 599,022 | 349,180 | 58.3\% | 0.8145 | 327 |
| 2028 | 579,054 | 386,022 | 66.7\% | 0.7847 | 317 |
| 2029 | 557,456 | 421,846 | 75.7\% | 0.7560 | 307 |
| 2030 | 534,167 | 457,181 | 85.6\% | 0.7283 | 296 |
| 2031 | 509,260 | 487,933 | 95.8\% | 0.7017 | 284 |
| 2032 | 482,807 | 517,711 | 107.2\% | 0.6760 | 271 |
| 2033 | 455,023 | 549,450 | 120.8\% | 0.6512 | 257 |
| 2034 | 426,573 | 580,489 | 136.1\% | 0.6274 | 243 |
| 2035 | 397,615 | 608,532 | 153.0\% | 0.6044 | 229 |
| 2036 | 368,809 | 626,960 | 170.0\% | 0.5823 | 214 |
| 2037 | 340,388 | 636,983 | 187.1\% | 0.5610 | 200 |
| 2038 | 312,468 | 642,514 | 205.6\% | 0.5404 | 185 |
| 2039 | 285,221 | 640,588 | 224.6\% | 0.5207 | 170 |
| 2040 | 258,794 | 631,309 | 243.9\% | 0.5016 | 156 |
| 2041 | 233,399 | 610,788 | 261.7\% | 0.4832 | 142 |
| 2042 | 209,255 | 585,055 | 279.6\% | 0.4655 | 129 |
| 2043 | 186,575 | 560,497 | 300.4\% | 0.4485 | 116 |
| 2044 | 165,366 | 531,534 | 321.4\% | 0.4321 | 104 |
| 2045 | 145,611 | 498,582 | 342.4\% | 0.4163 | 92 |
| 2046 | 127,422 | 459,579 | 360.7\% | 0.4010 | 81 |
| 2047 | 110,864 | 420,544 | 379.3\% | 0.3863 | 72 |
| 2048 | 95,994 | 384,580 | 400.6\% | 0.3722 | 63 |
| 2049 | 82,637 | 347,461 | 420.5\% | 0.3586 | 54 |
| 2050 | 70,710 | 309,672 | 437.9\% | 0.3454 | 47 |
| 2051 | 60,165 | 271,559 | 451.4\% | 0.3328 | 40 |
| 2052 | 50,947 | 236,691 | 464.6\% | 0.3206 | 34 |
| 2053 | 42,968 | 207,193 | 482.2\% | 0.3089 | 29 |
| 2054 | 36,081 | 179,299 | 496.9\% | 0.2976 | 25 |
| 2055 | 30,165 | 154,209 | 511.2\% | 0.2867 | 21 |
| 2056 | 25,139 | 132,744 | 528.0\% | 0.2762 | 18 |
| 2057 | 20,888 | 113,912 | 545.4\% | 0.2661 | 15 |
| 2058 | 17,316 | 96,152 | 555.3\% | 0.2563 | 12 |
| 2059 | 14,311 | 81,006 | 566.0\% | 0.2469 | 10 |
| 2060 | 11,797 | 68,614 | 581.6\% | 0.2379 | 8 |
| 2061 | 9,692 | 58,249 | 601.0\% | 0.2292 | 7 |
| 2062 | 7,943 | 49,254 | 620.1\% | 0.2208 | 6 |
| 2063 | 6,487 | 41,321 | 636.9\% | 0.2127 | 5 |
| 2064 | 5,284 | 34,620 | 655.2\% | 0.2049 | 4 |
| 2065 | 4,291 | 29,097 | 678.1\% | 0.1974 | 3 |
| 2066 | 3,472 | 24,193 | 696.8\% | 0.1902 | 3 |
| 2067 | 2,797 | 19,967 | 714.0\% | 0.1832 | 2 |
| 2068 | 2,240 | 15,809 | 705.8\% | 0.1765 | 2 |
| 2069 | 1,783 | 12,837 | 719.9\% | 0.1701 | 1 |
| 2070 | 1,407 | 10,265 | 729.6\% | 0.1638 | 1 |
| 2071 | 1,100 | 8,048 | 731.6\% | 0.1578 | 1 |
| 2072 | 850 | 6,187 | 728.0\% | 0.1521 | 1 |
| 2073 | 648 | 4,665 | 719.6\% | 0.1465 | 1 |
| 2074 | 487 | 3,497 | 718.6\% | 0.1411 | 0 |
| 2075 | 361 | 2,593 | 718.6\% | 0.1360 | 0 |
| 2076 | 264 | 1,910 | 723.4\% | 0.1310 | 0 |
| 2077 | 191 | 1,393 | 730.7\% | 0.1262 | 0 |
| 2078 | 135 | 967 | 714.9\% | 0.1216 | 0 |
| 2079 | 95 | 653 | 688.3\% | 0.1171 | 0 |
| 2080 | 66 | 437 | 664.8\% | 0.1128 | 0 |
| 2081 | 45 | 291 | 643.6\% | 0.1087 | 0 |
| Accumulated and | Present Values as | of 12/31/2021 |  |  |  |
| Past: | 7,557,472 | 689,346 | 9.1\% |  |  |
| Future: | 7,796,571 | 8,295,827 | 106.4\% |  |  |
| Lifetime: | 15,354,042 | 8,985,173 | 58.5\% |  |  |

Genworth Life Insurance Company<br>Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025<br>\section*{Addendum to Actuarial Memorandum March 2023}

## 7052VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052RDR-LP65 VA, 7052RDR-LP10 VA

This filing applies to the referenced policy forms issued in Virginia. These forms are also referred to by Genworth Life Insurance Company (GLIC) as "Flex 1" and are no longer being sold.

## 1. Purpose of Addendum

This actuarial addendum has been prepared to amend the original filing on this policy form, submitted October 21, 2022, and objection submitted December 16, 2022 and referenced by the Department in recent objections with filing number GEFA-133451445.

GLIC realized that there was an error in the projections included in the initial filing. Specifically, the the discount rate was not correctly used in the projections.

The changes in discount rate ultimately change the lifetime loss ratio projections and alter the rate increase that can be justified within the cohorts. The updated requests are based on a discount rate of $3.8 \%$, which is consistent with the 2020 Flex filing in Virginia (SERFF \# GEFA-132466851). This discount rate is the blend of the maximum statutory valuation rate weighted by sales volume per calendar year.

Within this Addendum, GLIC would like to change the requested premium rate increases to the following:

| Benefit Period <br> (BP) | Benefit Increase Option <br> $($ BIO)* | Updated Requested Rate <br> Increase Requests |
| :--- | :--- | :--- |
| Policies that are subject to revised couple's discount |  |  |
| Lifetime | High BIO |  |
| Limited | High BIO |  |
| Policis that are not subject to revised couple's discount |  |  |
| Lifetime | High BIO |  |
| Limited | High BIO |  |

The original memorandum, including the originally requested rate increases, that this addendum is being attached to remains unchanged in its entirety. With the exception of the discount rate used in the projection exhibits, the assumptions and supporting materials for this addendum are the same as those explained within the original memorandum.

Along with this Addendum, please find the attached "VA Flex 1 Addendum Exhibits.xlsx" provided to update those supplied in the original filing.

While GLIC is changing the requested rate increase amounts within this filing, GLIC is not supplying updated Proposed Premium Rate tables at this time. We anticipate updating the rate tables after the review process has finished, prior to the disposition of the filing.

This addendum and the accompanying exhibits are meant to amend the premium rate request and provide supporting information and may not be suitable for other purposes.

## Genworth Life Insurance Company

## Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025

## Addendum to Actuarial Memorandum March 2023

## 2. Actuarial Certification

I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the American Academy of Actuaries' qualification standards for rendering this opinion and am familiar with the requirements for filing for increases in long-term care insurance premiums.

This memorandum addendum along with the previously filed memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including ASOP No. 18, 23, 25, 41 and 56. Policy design, underwriting, and claims adjudication practices have been considered.

I have relied on historical cash flows and projections completed by GLIC's LTC In-force Actuarial Infrastructure team. All future projections included in this memorandum, while based on GLIC's best estimates, are uncertain and may not emerge as expected.

I have relied on statutory valuations as of December 31, 2021, for Claim Reserves (i.e., Disabled Life Reserves, Pending Claims reserves, Incurred But Not Reported reserves, and Dead But Not Reported reserves) provided by GLIC's LTC Valuation team.

I have also relied on assumptions developed by GLIC's LTC Experience Studies team in collaboration with other GLIC actuaries, which assumptions were approved by Genworth's Assumption Review Committee. The assumptions present the actuary's best judgement and are consistent with the issuer's business plan at the time of the filing.

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of your state when the original issued rates were first filed and accepted. If the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect a margin for moderately adverse experience, are realized, no further premium rate schedule increases are anticipated. In my opinion the rates are not excessive or unfairly discriminatory.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company

Date: March 15, 2023

## CONFIDENTIAL

Policy Form 7052 VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052 END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-SURV10 VA, 7052 RDR-ESURV VA, 7052RDR-LP65 VA, 7052RDR-LP10 VA

## 1. Scope of this Filing

This filing applies to the referenced policy forms issued in your state. These forms are also referred to by Genworth Life Insurance Company (GLIC) as "Flex 1" and are no longer being sold.

For all the policies issued in your state to which the current filing applies, refer to the Supplement for state and nationwide information on issue dates, number of issued and in-force lives, total and average premium, average issue and attained age, distributions and history of prior approved rate increases.

## 2. Purpose of this Filing

This actuarial memorandum has been prepared to request and support the approval of a premium rate increase in your state.

We demonstrate that the requested premium rate increase satisfies the minimum requirements and all applicable regulations in your state. This actuarial memorandum may not be suitable for other purposes.

In this filing, GLIC is requesting a premium rate increase according to the table below, applicable to the base rates and associated riders of all in-force policies referenced in Section 1 of this actuarial memorandum. The requested rate increase reflects updated assumptions and experience, and any remainder of the rate increase not approved in prior filings if applicable to your state.

| Underwriting | Benefit Period | Benefit Increase <br> Option (BIO)* | Requested <br> Rate Increase |
| :---: | :---: | :---: | :---: |
| (CO) <br> Policies not subject <br> to Couples Discount | Lifetime | High BIO | $60.4 \%$ |
| (CO) <br> Policies not subject <br> to Couples Discount | Limited | High BIO | $20.2 \%$ |
| (LD) <br> Policies subject to <br> Couples Discount | Limited | High BIO | $26.7 \% \%$ |

*High BIO does not include policies without BIO or 1\% BIO.

April 2024

## CONFIDENTIAL

In order to maintain adequate Cash Flow Testing (CFT) Margin and to strengthen the claim paying ability of the company, GLIC is differentiating its rate increases according to the projected experience, and resulting level of risk, associated with certain key policy features. The most significant risks are observed with policies with the richest potential benefits, meaning long benefit periods and large compound benefit increase options, and thus higher rate increases are appropriate for those cohorts.

In addition, GLIC is also updating its approach for developing the margin for Moderately Adverse Experience (MAE) to be used as a threshold to trigger future rate increases. For more information refer to section 8.F of this actuarial memorandum.

## 3. Justification of the Premium Rate Increase

The observed deterioration of the Lifetime Loss Ratio (LLR) between 2020 and 2021 is due to the strengthened Benefit Utilization Rate (BUR) trend, reflecting higher increases in LTC cost of care inflation, and lower healthy life mortality. More detailed information is presented in section 8 of this actuarial memorandum.

If experience emerges as currently expected, timely implementation of the requested premium rate increase may prevent the need for future premium rate increases. However, if rate increases are delayed due to late approvals, less future premium capacity will remain in these blocks to absorb the rate increase. As a result, a higher percentage future premium rate increase would need to be applied to fewer policyholders in order to obtain the target LLR. It is our intent to act in a timely manner, work diligently with regulators to obtain approval for the requested rate increase, and seek to avoid more significant premium rate increases when the average policyholder's attained age is higher.

Since your state has not approved the prior requested rate increase in full, demonstration that the margin for Moderately Adverse Experience (MAE) included in the prior filing has been exceeded is not applicable to this filing.

The margin for Moderately Adverse Experience (MAE) included in the prior filing has been exceeded and additional rate increases are justified. The LLR in Exhibit I of the current filing, which reflects the new best estimate assumptions is higher than the LLR in Exhibit II of the actuarial memorandum submitted in the prior filing. Refer to the Supplement for more details.

## 4. Marketing Method and Underwriting Description

Policies were sold primarily through licensed producers.
The underwriting process included an assessment of functional and cognitive abilities at issue ages considered by GLIC to be appropriate. Various underwriting tools were used in accordance with our underwriting requirements, including an application, medical records, an attending physician's statement, telephone interview and/or face-to-face assessment.

## CONFIDENTIAL

## 5. Description of Benefits

This plan is a Guaranteed Renewable policy. These forms are a comprehensive product with benefits payable on a daily or monthly basis. These forms also require an insured to meet benefit eligibility requirements that are triggered by Activities of Daily Living (ADL) deficiencies or severe cognitive impairment. The daily or monthly benefit, Benefit Period, Elimination Period (service day or calendar day) and Benefit Increase Option (BIO) can be selected at issue.

All of the following benefits are included in the base policy:

- Privileged Care Coordination Services
- Nursing Facility Benefit
- Assisted Living Facility Benefit
- Home and Community Care Benefit
- Bed Reservation Benefit
- Home Assistance Benefit
- Hospice Care Benefit
- Respite Care Benefit
- Alternate Care Benefit
- International Coverage Benefit
- Waiver of Premium Benefit
- Contingent Nonforfeiture Benefit

All of the following benefits and riders are optional:

- Refund of Premium at Death- Graded or 10 year
- Restoration of Benefits Rider
- Reduced Covered Percentage Option
- Transition Benefit
- Nonforfeiture Benefit Rider
- Shared Coverage Rider
- Shared Coverage with Joint Waiver of Premium Rider
- Waiver of Home Care Elimination Period Rider
- Enhanced Survivorship Benefit
- 10 Year Survivorship Benefit
- BIO (equal, compound, no benefit increase)
- Future Purchase Options
- Guaranteed Purchase Options


## Genworth Life Insurance Company

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024

## CONFIDENTIAL

## 6. Alternatives to the Requested Rate Increase

GLIC will offer insureds impacted by rate filings several options for mitigating the impact of the rate increase while still providing meaningful protection. These options will be provided in the policyholder notification letter. In addition, policyholders will have the ability to call a dedicated team of customer service representatives that can assist with providing customized quotes for any number of other benefit adjustments.

Reduced Benefit Options. Insureds can change benefit features or coverage limits in order to maintain reasonably equivalent pre- and post-rate increase premium levels, and the optimal balance of coverage and cost based on their specific needs. The available benefit and rate combinations are consistent with the combinations presented in the rate tables approved as part of the original filing. To balance coverage and cost considerations, GLIC will offer policyholders, subject to rate increases on their long-term care policies, customized options to adjust their benefits, which may include any of the following options (where available):

1. Reduction in Daily/Monthly Maximum amount;
2. Reduction in Benefit Period;
3. Reduction or elimination of the BIO;
4. Increases in Elimination Period;
5. Elimination of policy riders or other optional features available to the policyholder

If a policyholder elects to reduce the BIO, they have the ability to retain any prior increases to their daily or monthly payment maximums. In addition, the company plans to offer, and has included as part of this filing, a new BIO of $1 \%$ compound, which will be available for policyholders who wish to reduce their BIO from a higher level.

Rate tables for the 1\% compound BIO are included in the Proposed Rate Schedule, attached separately.
Other options. GLIC will continue to offer the applicable nonforfeiture option to each policyholder. Policyholders that are eligible for the Contingent Nonforfeiture Option will be presented with that as an option in their notification letter. Policyholders that have a nonforfeiture (NFO) rider with their policy may elect that option. For those policyholders that do not have either the Contingent Nonforfeiture or NFO rider available, GLIC will continue to offer its Optional Limited benefit, which provides a paid-up benefit equal to the total of premium paid, less any claims paid.

## 7. Premiums

a. These policies are guaranteed renewable for life, subject to policy terms and conditions;
b. Geographic area factors are not used in rating these policies;
c. Semi-annual, quarterly and monthly modal factors are applied to the annual premium, with the majority of policyholders selecting annual premium mode;
d. For a history of previous rate revisions refer to the Supplement;

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum

April 2024

## CONFIDENTIAL

e. The requested rate increase will apply to policies on their billing anniversary date, following a 75-day policyholder notification period;
f. Premium rates are unisex, level (with the exception of approved rate increases) and payable for life (except for in-force policies with limited pay). Premiums generally vary by issue age, daily benefit, benefit period, elimination period, BIO , and any applicable riders selected;
g. Certain underwriting discounts may have been applied to the premium rates. A preferred risk discount of $10 \%$ or $20 \%$ may have been provided to applicants in response to specified health underwriting criteria specified on the application. Where the criteria for a couple's discount were met, a discount of $40 \%$ was provided to both individuals when both submitted valid applications and both were issued coverage. If only one member of a couple was approved, the discount was reduced to $25 \%$; and
h. Rate tables reflecting any prior approved and the requested rate increase have been included in the Proposed Rate Schedule, attached separately. Note that actual rates implemented may vary slightly from those submitted in this filing due to implementation rounding algorithms. Rates other than Lifetime High BIO shown in the Proposed Rate Schedule are not subject to the requested rate increase and are provided for completeness and illustrational purposes.
For more information about the rate tables on alternative options refer to section 6 of this actuarial memorandum.

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024
CONFIDENTIAL

## 8. Actuarial Assumptions

Since inception, GLIC has monitored the impact of experience on projections and lifetime loss ratios. As experience emerges, assumptions and methodologies have been adjusted. Historical updates have resulted in increases in the Disabled Life Reserves (DLR) and the continued need for premium rate adjustments.

Two key drivers for the premium rate adjustments have been increased claim costs and lower than expected healthy life terminations (lapse and healthy life mortality). Lower than expected healthy life terminations has meant more policies in-force at ages when claims are more likely to occur.

The table below summarizes the most impactful assumption updates made since 2014. Updated claim severity assumptions in 2014, 2016, and 2018 have led to the significant strengthening of GLIC's DLR.

| Year | Update in Assumptions Due To |
| :---: | :---: |
| 2014 | Lower Claim Termination Rates (CTR) in later durations <br> Higher Benefit Utilization Rate (BUR) in later durations |
| 2015 | Lower Lapse <br> Lower Healthy Life Mortality |
| 2016 | Lower CTR |
| BUR methodology enhancement |  |

Beginning with 2016 CFT, GLIC converted from a total life model to a first principles model in which the assumptions are split between healthy lives and disabled lives.

Both healthy life assumptions (lapse, mortality, incidence) and claim severity assumptions (benefit utilization, claim termination, situs mix) are based on Genworth nationwide experience, with differing assumptions by company. The assumptions include adjustments as considered appropriate for future projections and based on expected differences in experience due to either policyholder characteristics or underwriting criteria.

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024

## CONFIDENTIAL

The Best Estimate (BE) assumptions described below for lapse, mortality, and morbidity are consistent with those used for GLIC's 2021 Cash Flow Testing (CFT) prior to any provision for contingency, adverse deviation or risk margin. The experience reviewed for 2021 CFT generally included data through 2020Q4. COVID-19 experience, which began to emerge in 2020Q2, was not included in the study period as the experience studies either included a 12-month lag in the experience review or used an earlier data through date as discussed in the sections below. The one exception is lapse, which only included a 6month lag and hence, included a quarter of COVID-19 experience in the study.

Genworth reviews experience and assumptions every year in connection with CFT. The assumptions were developed by Genworth's Long-term Care Experience Studies team in collaboration with other Genworth actuaries. Genworth's Assumption Review Committee approved these assumptions.

## A. Lapse:

Original Filing: Originally filed lapse rate assumptions for lifetime pay policies vary by issue age and duration. The original ultimate lapse rate for Flex 1 was $1.0 \%$.

Current Filing: The current best estimate assumptions for expected lapse rates for healthy lives are derived from actual Genworth nationwide long-term care lapse data as of 2020Q4 with experience through 2020Q2 (6-month reporting lag), excluding partial years of policy exposure. Lapse rates vary by product, issue age, policy duration, BIO, marital status, underwriting class, benefit period, company and the issue year bands. The assumption setting process involves credibility weighting actual historical experience for the product with a long-term baseline assumption. This methodology reduces volatility in the assumption from year-to-year, especially in policy durations with limited experience. The Actual/Expected ratio of $98.5 \%$ for these policy forms shows a very good fit of the assumption to the inception-to-date historical experience. Experience is still emerging at the later durations and later ages, which may cause the assumption to change over time.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum

April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC lapse rate assumptions for cells with a lifetime benefit period, married status, compound BIO, and for issue years 2009 and earlier:

| Sample Lapse Rate Assumption |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UW Discount | Std | Std | Std | Pref | Pref | Pref |
| Issue Age | $\mathbf{4 5}$ | $\mathbf{5 5}$ | $\mathbf{6 2}$ | $\mathbf{4 5}$ | $\mathbf{5 5}$ | $\mathbf{6 2}$ |
| Duration |  |  |  |  |  |  |
| $\mathbf{1}$ | $7.20 \%$ | $4.15 \%$ | $3.75 \%$ | $5.50 \%$ | $3.26 \%$ | $3.01 \%$ |
| $\mathbf{2}$ | $5.13 \%$ | $2.65 \%$ | $2.26 \%$ | $3.92 \%$ | $2.08 \%$ | $1.82 \%$ |
| $\mathbf{3}$ | $3.86 \%$ | $1.91 \%$ | $1.60 \%$ | $2.95 \%$ | $1.50 \%$ | $1.30 \%$ |
| $\mathbf{4}$ | $3.01 \%$ | $1.46 \%$ | $1.22 \%$ | $2.30 \%$ | $1.16 \%$ | $0.99 \%$ |
| $\mathbf{5}$ | $2.40 \%$ | $1.17 \%$ | $0.98 \%$ | $1.84 \%$ | $0.92 \%$ | $0.80 \%$ |
| $\mathbf{6}$ | $1.96 \%$ | $0.96 \%$ | $0.80 \%$ | $1.51 \%$ | $0.76 \%$ | $0.66 \%$ |
| $\mathbf{7}$ | $1.64 \%$ | $0.80 \%$ | $0.69 \%$ | $1.26 \%$ | $0.64 \%$ | $0.57 \%$ |
| $\mathbf{8}$ | $1.39 \%$ | $0.69 \%$ | $0.62 \%$ | $1.07 \%$ | $0.55 \%$ | $0.52 \%$ |
| $\mathbf{9}$ | $1.20 \%$ | $0.60 \%$ | $0.57 \%$ | $0.93 \%$ | $0.48 \%$ | $0.48 \%$ |
| $\mathbf{1 0}$ | $1.05 \%$ | $0.54 \%$ | $0.55 \%$ | $0.82 \%$ | $0.43 \%$ | $0.47 \%$ |
| $\mathbf{1 1}$ | $0.90 \%$ | $0.48 \%$ | $0.53 \%$ | $0.70 \%$ | $0.39 \%$ | $0.47 \%$ |
| $\mathbf{1 2}$ | $0.77 \%$ | $0.44 \%$ | $0.53 \%$ | $0.61 \%$ | $0.36 \%$ | $0.47 \%$ |
| $\mathbf{1 3}$ | $0.70 \%$ | $0.44 \%$ | $0.55 \%$ | $0.57 \%$ | $0.37 \%$ | $0.50 \%$ |
| $\mathbf{1 4}$ | $0.64 \%$ | $0.45 \%$ | $0.58 \%$ | $0.54 \%$ | $0.40 \%$ | $0.54 \%$ |
| $\mathbf{1 5}$ | $0.59 \%$ | $0.48 \%$ | $0.61 \%$ | $0.52 \%$ | $0.44 \%$ | $0.59 \%$ |
| $\mathbf{1 6}$ | $0.57 \%$ | $0.50 \%$ | $0.66 \%$ | $0.52 \%$ | $0.47 \%$ | $0.64 \%$ |
| $\mathbf{1 7}$ | $0.57 \%$ | $0.54 \%$ | $0.71 \%$ | $0.54 \%$ | $0.51 \%$ | $0.70 \%$ |
| $\mathbf{1 8}$ | $0.59 \%$ | $0.57 \%$ | $0.77 \%$ | $0.56 \%$ | $0.55 \%$ | $0.77 \%$ |
| $\mathbf{1 9}$ | $0.61 \%$ | $0.61 \%$ | $0.82 \%$ | $0.60 \%$ | $0.60 \%$ | $0.82 \%$ |
| $\mathbf{2 0}$ | $0.64 \%$ | $0.65 \%$ | $0.85 \%$ | $0.63 \%$ | $0.64 \%$ | $0.85 \%$ |
| $\mathbf{2 1}$ | $0.69 \%$ | $0.69 \%$ | $0.91 \%$ | $0.68 \%$ | $0.69 \%$ | $0.91 \%$ |
| $\mathbf{2 2}$ | $0.73 \%$ | $0.73 \%$ | $0.98 \%$ | $0.73 \%$ | $0.73 \%$ | $0.98 \%$ |
| $\mathbf{2 3}$ | $0.73 \%$ | $0.75 \%$ | $1.05 \%$ | $0.73 \%$ | $0.75 \%$ | $1.05 \%$ |
| $\mathbf{2 4}$ | $0.73 \%$ | $0.77 \%$ | $1.13 \%$ | $0.73 \%$ | $0.77 \%$ | $1.13 \%$ |
| $\mathbf{2 5}$ | $0.73 \%$ | $0.80 \%$ | $1.22 \%$ | $0.73 \%$ | $0.80 \%$ | $1.22 \%$ |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum

April 2024

## CONFIDENTIAL

## B. Mortality:

Original Filing: Original total life mortality assumptions were based on the Annuity 2000 Mortality Table, with mortality improvement of $0.5 \%$ per year for 30 years. Selection factors in the original filing varied by gender, marital status, duration and issue age.

Current Filing: The current best estimate assumptions for expected mortality rates for healthy lives are derived from actual Genworth nationwide long-term care mortality data as of 2020Q4 with experience through 2019Q4 (1-year reporting lag). Healthy life mortality assumptions vary by product, issue age, policy duration, gender, marital status, underwriting class, BIO, and company. The assumption setting process involves credibility weighting actual historical experience for the product with a long-term baseline assumption. This methodology reduces volatility in the assumption from year-to-year, especially in policy durations with limited experience. In 2021, the credibility weighting procedure was changed to put less weight on the baseline assumption and more on actual experience. The Actual/Expected ratio of $98.1 \%$ for these policy forms shows a very good fit of the assumption to the inception-to-date historical experience. Experience is still emerging at the later durations and later ages, which may cause the assumption to change over time.

The mortality improvement assumption for healthy lives continues to apply to the first 10 projection years at a compound rate of $1 \%$ per year. Remaining projection years use the accumulated improvement of 10 years. This assumption is based on Genworth experience data and is supported by statistical testing.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC healthy life mortality rate assumptions before improvements by married status, standard underwriting class, no BIO and issue age 65:

| Sample Mortality Rate Assumption |  |  |
| :---: | :---: | :---: |
| Gender | $\mathbf{M}$ | $\mathbf{F}$ |
| Duration | $0.19 \%$ | $0.10 \%$ |
| $\mathbf{1}$ | $0.31 \%$ | $0.16 \%$ |
| $\mathbf{2}$ | $0.39 \%$ | $0.21 \%$ |
| $\mathbf{3}$ | $0.45 \%$ | $0.25 \%$ |
| $\mathbf{4}$ | $0.52 \%$ | $0.29 \%$ |
| $\mathbf{5}$ | $0.59 \%$ | $0.33 \%$ |
| $\mathbf{6}$ | $0.71 \%$ | $0.40 \%$ |
| $\mathbf{7}$ | $0.80 \%$ | $0.45 \%$ |
| $\mathbf{8}$ | $0.90 \%$ | $0.52 \%$ |
| $\mathbf{9}$ | $1.03 \%$ | $0.61 \%$ |
| $\mathbf{1 0}$ | $1.16 \%$ | $0.70 \%$ |
| $\mathbf{1 1}$ | $1.31 \%$ | $0.81 \%$ |
| $\mathbf{1 2}$ | $1.50 \%$ | $0.94 \%$ |
| $\mathbf{1 3}$ | $1.72 \%$ | $1.11 \%$ |
| $\mathbf{1 4}$ | $1.99 \%$ | $1.32 \%$ |
| $\mathbf{1 5}$ | $2.32 \%$ | $1.59 \%$ |
| $\mathbf{1 6}$ | $2.69 \%$ | $1.93 \%$ |
| $\mathbf{1 7}$ | $3.18 \%$ | $2.37 \%$ |
| $\mathbf{1 8}$ | $3.78 \%$ | $2.93 \%$ |
| $\mathbf{1 9}$ | $4.40 \%$ | $3.53 \%$ |
| $\mathbf{2 0}$ | $4.87 \%$ | $4.04 \%$ |
| $\mathbf{2 1}$ | $5.34 \%$ | $4.62 \%$ |
| $\mathbf{2 2}$ | $5.80 \%$ | $5.26 \%$ |
| $\mathbf{2 3}$ | $6.36 \%$ | $5.87 \%$ |
| $\mathbf{2 4}$ | $6.90 \%$ | $6.47 \%$ |
| $\mathbf{2 5}$ | $7.52 \%$ | $7.13 \%$ |
| $\mathbf{2 6}$ | $8.07 \%$ | $7.81 \%$ |
| $\mathbf{2 7}$ | $8.57 \%$ | $8.53 \%$ |
| $\mathbf{2 8}$ | $9.03 \%$ | $9.03 \%$ |
| $\mathbf{2 9}$ | $9.38 \%$ | $9.38 \%$ |
| $\mathbf{3 0}$ |  |  |
|  |  |  |
|  |  |  |

## Genworth Life Insurance Company

 Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025
## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

## C. Morbidity:

The morbidity assumption is composed of the following components: incidence, benefit utilization, claim termination (sometimes described as claim continuance), and claim situs mix. Incidence rates measure the likelihood of a policyholder going on claim. Benefit utilization rates measure the proportion of contractually available benefits that a policyholder uses while on claim, once eligibility requirements have been met. Claim termination rates refer to the length of time until a claimant leaves their claim status, once benefit eligibility requirements have been met, and are applied from the loss date of the claim. Claim termination rates consist of two components - disabled life mortality and claim recoveries. Because the benefit utilization and claim termination assumptions vary by original care situs, the morbidity assumption also includes a claim situs mix assumption to split newly incurred claims between Nursing Home (NH), Assisted Living Facility (ALF) and Home Care (HC) settings.

Prior to 2016, these assumptions were combined into total claim costs for use in the total life modeling approach. With the total life approach, an explicit assumption was needed to reflect policy terminations related to benefit exhaustions. Beginning in 2016, all projections were performed from first principles (i.e., incidence, benefit utilization and claim termination rates are individually reflected in the projection model) and benefit exhaustions were implicitly recognized.

Original Filing: Both the expected incidence and severity of claims were developed for facility benefits and home health care benefits using company experience for over 30 years. Incidence rates, by issue age and duration, were developed to reflect the effects of underwriting. Also, experience was used to determine couple's discounts and preferred underwriting status discounts. Using all available data, total expected claim costs were developed and considered reasonable estimates of aggregate long-term care experience under the provisions of the policy. The expected incidence rates, lengths of stay, and amount of benefit payments were separately identified for all combinations of plan options.

Current Filing: The main components of morbidity - incidence, benefit utilization, claim termination and claim situs mix - are described below.

## 1. Incidence Rates

The base incidence rates vary by product, issue age, policy duration, gender, benefit period, marital status, underwriting class, and company. There is an adjustment applied for the first 10 projection years to adjust for non-forfeiture (NFO) status. This adjustment reflects the fact that policies in NFO status have lower incidence than policies in a non-NFO status. The assumption setting process for the base incidence rates involves credibility weighting actual historical experience for the product with a long-term baseline assumption. This methodology reduces volatility in the assumption from year-to-year, especially in policy durations with limited experience.

The assumptions are derived from actual Genworth nationwide long-term care claim incidence data as of 2020Q4 with experience through 2019Q4 (1-year reporting lag). The Actual/Expected ratio of 100.3\% for these policy forms shows a very good fit of the assumption to the inception-to-date historical

# Genworth Life Insurance Company <br> Address: 6620 West Broad Street, Richmond, VA 23230 <br> Company NAIC No: 70025 

## Actuarial Memorandum

April 2024
CONFIDENTIAL
experience. Experience is still emerging at the later durations and later ages, which may cause the assumption to change over time.

The morbidity improvement assumption for healthy lives continues to apply to the first 10 projection years at a compound rate of $1.6 \%$ per year. Remaining projection years use the accumulated improvement of 10 years. This assumption is based on Genworth experience data and supported by statistical testing.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum

April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC claim incidence rate assumptions for policies with a married status and a lifetime benefit period, before any adjustment for non-forfeiture status:

| Sample Claim Incidence Rate Assumption |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | $\mathbf{M}$ | $\mathbf{M}$ | $\mathbf{M}$ | $\mathbf{M}$ | $\mathbf{F}$ | $\mathbf{F}$ | $\mathbf{F}$ | $\mathbf{F}$ |
| UW Discount | Std | Std | Pref | Pref | Std | Std | Pref | Pref |
| Issue Age | $\mathbf{5 5}$ | $\mathbf{6 5}$ | $\mathbf{5 5}$ | $\mathbf{6 5}$ | $\mathbf{5 5}$ | $\mathbf{6 5}$ | $\mathbf{5 5}$ | $\mathbf{6 5}$ |
| Duration |  |  |  |  |  |  |  |  |
| $\mathbf{1}$ | $0.05 \%$ | $0.11 \%$ | $0.03 \%$ | $0.07 \%$ | $0.05 \%$ | $0.13 \%$ | $0.03 \%$ | $0.08 \%$ |
| $\mathbf{2}$ | $0.08 \%$ | $0.20 \%$ | $0.05 \%$ | $0.12 \%$ | $0.08 \%$ | $0.22 \%$ | $0.06 \%$ | $0.14 \%$ |
| $\mathbf{3}$ | $0.11 \%$ | $0.28 \%$ | $0.07 \%$ | $0.17 \%$ | $0.11 \%$ | $0.32 \%$ | $0.07 \%$ | $0.20 \%$ |
| $\mathbf{4}$ | $0.13 \%$ | $0.37 \%$ | $0.08 \%$ | $0.23 \%$ | $0.13 \%$ | $0.43 \%$ | $0.09 \%$ | $0.27 \%$ |
| $\mathbf{5}$ | $0.15 \%$ | $0.48 \%$ | $0.09 \%$ | $0.29 \%$ | $0.16 \%$ | $0.55 \%$ | $0.11 \%$ | $0.34 \%$ |
| $\mathbf{6}$ | $0.18 \%$ | $0.59 \%$ | $0.11 \%$ | $0.36 \%$ | $0.18 \%$ | $0.69 \%$ | $0.12 \%$ | $0.42 \%$ |
| $\mathbf{7}$ | $0.20 \%$ | $0.72 \%$ | $0.12 \%$ | $0.44 \%$ | $0.21 \%$ | $0.85 \%$ | $0.14 \%$ | $0.52 \%$ |
| $\mathbf{8}$ | $0.23 \%$ | $0.88 \%$ | $0.14 \%$ | $0.54 \%$ | $0.24 \%$ | $1.05 \%$ | $0.16 \%$ | $0.64 \%$ |
| $\mathbf{9}$ | $0.26 \%$ | $1.06 \%$ | $0.16 \%$ | $0.66 \%$ | $0.28 \%$ | $1.28 \%$ | $0.18 \%$ | $0.78 \%$ |
| $\mathbf{1 0}$ | $0.29 \%$ | $1.27 \%$ | $0.18 \%$ | $0.81 \%$ | $0.32 \%$ | $1.55 \%$ | $0.20 \%$ | $0.95 \%$ |
| $\mathbf{1 1}$ | $0.33 \%$ | $1.52 \%$ | $0.20 \%$ | $0.97 \%$ | $0.36 \%$ | $1.87 \%$ | $0.23 \%$ | $1.15 \%$ |
| $\mathbf{1 2}$ | $0.38 \%$ | $1.83 \%$ | $0.23 \%$ | $1.18 \%$ | $0.42 \%$ | $2.26 \%$ | $0.26 \%$ | $1.40 \%$ |
| $\mathbf{1 3}$ | $0.44 \%$ | $2.18 \%$ | $0.27 \%$ | $1.43 \%$ | $0.50 \%$ | $2.70 \%$ | $0.30 \%$ | $1.70 \%$ |
| $\mathbf{1 4}$ | $0.51 \%$ | $2.57 \%$ | $0.31 \%$ | $1.74 \%$ | $0.60 \%$ | $3.20 \%$ | $0.34 \%$ | $2.04 \%$ |
| $\mathbf{1 5}$ | $0.59 \%$ | $3.00 \%$ | $0.36 \%$ | $2.11 \%$ | $0.70 \%$ | $3.75 \%$ | $0.40 \%$ | $2.44 \%$ |
| $\mathbf{1 6}$ | $0.68 \%$ | $3.46 \%$ | $0.41 \%$ | $2.49 \%$ | $0.82 \%$ | $4.34 \%$ | $0.46 \%$ | $2.87 \%$ |
| $\mathbf{1 7}$ | $0.81 \%$ | $4.06 \%$ | $0.49 \%$ | $3.05 \%$ | $1.00 \%$ | $5.00 \%$ | $0.54 \%$ | $3.50 \%$ |
| $\mathbf{1 8}$ | $0.97 \%$ | $4.72 \%$ | $0.59 \%$ | $3.71 \%$ | $1.19 \%$ | $5.71 \%$ | $0.65 \%$ | $4.29 \%$ |
| $\mathbf{1 9}$ | $1.15 \%$ | $5.43 \%$ | $0.71 \%$ | $4.47 \%$ | $1.43 \%$ | $6.44 \%$ | $0.80 \%$ | $5.15 \%$ |
| $\mathbf{2 0}$ | $1.33 \%$ | $6.15 \%$ | $0.84 \%$ | $5.21 \%$ | $1.66 \%$ | $7.22 \%$ | $0.97 \%$ | $6.05 \%$ |
| $\mathbf{2 1}$ | $1.51 \%$ | $6.89 \%$ | $0.96 \%$ | $5.94 \%$ | $1.90 \%$ | $8.06 \%$ | $1.16 \%$ | $6.89 \%$ |
| $\mathbf{2 2}$ | $1.86 \%$ | $7.92 \%$ | $1.23 \%$ | $7.00 \%$ | $2.32 \%$ | $8.91 \%$ | $1.47 \%$ | $8.07 \%$ |
| $\mathbf{2 3}$ | $2.23 \%$ | $8.98 \%$ | $1.57 \%$ | $8.09 \%$ | $2.75 \%$ | $9.83 \%$ | $1.81 \%$ | $9.31 \%$ |
| $\mathbf{2 4}$ | $2.61 \%$ | $9.93 \%$ | $1.89 \%$ | $8.97 \%$ | $3.21 \%$ | $10.32 \%$ | $2.14 \%$ | $10.15 \%$ |
| $\mathbf{2 5}$ | $3.00 \%$ | $11.12 \%$ | $2.21 \%$ | $10.15 \%$ | $3.70 \%$ | $11.28 \%$ | $2.50 \%$ | $11.44 \%$ |
| $\mathbf{2 6}$ | $3.40 \%$ | $12.38 \%$ | $2.55 \%$ | $11.41 \%$ | $4.21 \%$ | $12.44 \%$ | $2.87 \%$ | $12.83 \%$ |
| $\mathbf{2 7}$ | $4.10 \%$ | $13.45 \%$ | $3.22 \%$ | $12.51 \%$ | $4.93 \%$ | $13.49 \%$ | $3.63 \%$ | $14.09 \%$ |
| $\mathbf{2 8}$ | $4.81 \%$ | $14.55 \%$ | $3.91 \%$ | $13.65 \%$ | $5.70 \%$ | $14.67 \%$ | $4.43 \%$ | $15.48 \%$ |
| $\mathbf{2 9}$ | $5.56 \%$ | $15.50 \%$ | $4.62 \%$ | $14.54 \%$ | $6.54 \%$ | $15.47 \%$ | $5.31 \%$ | $16.47 \%$ |
| $\mathbf{3 0}$ | $6.34 \%$ | $16.40 \%$ | $5.36 \%$ | $15.43 \%$ | $7.44 \%$ | $16.56 \%$ | $6.24 \%$ | $17.78 \%$ |
|  |  |  |  |  |  |  |  |  |

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024
CONFIDENTIAL

## 2. Benefit Utilization Rates (BUR)

Because the BUR assumption is based on a rolling 12 months of services and because of the onset of the COVID-19 pandemic in Q2 of 2020, the 2021 BURs were not updated from the prior year's assumption. We expect to resume yearly updates to the BUR assumption once short-term pandemic impacts on BUR experience have subsided.

The BUR for CFT purposes is consistent with our Disabled Life Reserving (DLR) BUR assumption. The CFT BUR assumption variables are product, benefit period, company, BIO, claim age, claim duration and original claim situs whereas the DLR BUR assumptions also vary by diagnosis and daily maximum benefit amount. The less-granular CFT BUR assumptions are due to modeling constraints within AXIS.

The assumption is derived from actual Genworth nationwide long-term care paid claim experience. Genworth considers experience combined from all relevant product types when setting the BUR assumption with potential product-specific adjustments.

A utilization trend is used for reimbursement products. Long-term trending is accomplished by inflating each of the assumed starting BURs by the applicable inflation assumption and deflating it by the contractual BIO into the future. In 2021, the BUR trend was strengthened, reflecting higher cost of care inflation for LTC services. Recent experience suggests higher increases in the cost of long-term care, especially for policies with Simple and Compound BIO. The 2021 best estimate cost of long-term care inflation rates range from $0 \%$ for no BIO to $3.1 \%$ for policies with compound BIO, varying by original claim situs and benefit period.

The weighted average cost of care inflation by situs is shown below:

| Situs | Weighted Ave. |
| :--- | :---: |
| HC | $1.51 \%$ |
| ALF | $2.47 \%$ |
| NH | $2.43 \%$ |

## Genworth Life Insurance Company

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC base benefit utilization rate assumptions (i.e. before the application of the utilization trend assumption) for a reimbursement policy with a limited benefit period (4+ years), and compound BIO:

| Sample Benefit Utilization Rate Assumption |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Claim Age | $\mathbf{8 1}$ | $\mathbf{8 1}$ | $\mathbf{8 1}$ | $\mathbf{8 6}$ | $\mathbf{8 6}$ | $\mathbf{8 6}$ |
| Claim Situs | ALF | HC | NH | ALF | HC | NH |
| Claim Duration |  |  |  |  |  |  |
| Month 1-6 | $61.48 \%$ | $33.97 \%$ | $75.97 \%$ | $59.35 \%$ | $34.50 \%$ | $75.17 \%$ |
| Month 7-12 | $62.80 \%$ | $42.51 \%$ | $76.25 \%$ | $60.15 \%$ | $42.83 \%$ | $74.86 \%$ |
| Year 2 | $67.25 \%$ | $50.49 \%$ | $76.88 \%$ | $64.48 \%$ | $50.93 \%$ | $75.56 \%$ |
| Year 3 | $70.82 \%$ | $57.77 \%$ | $78.35 \%$ | $70.55 \%$ | $60.56 \%$ | $80.01 \%$ |
| Year 4 | $70.25 \%$ | $61.32 \%$ | $75.38 \%$ | $69.74 \%$ | $64.03 \%$ | $76.68 \%$ |
| Year 5 | $67.70 \%$ | $61.32 \%$ | $70.85 \%$ | $67.23 \%$ | $64.06 \%$ | $72.11 \%$ |
| Year 6 | $64.34 \%$ | $58.65 \%$ | $66.02 \%$ | $64.20 \%$ | $61.55 \%$ | $67.50 \%$ |
| Year 7+ | $61.23 \%$ | $54.48 \%$ | $61.95 \%$ | $61.65 \%$ | $57.70 \%$ | $63.93 \%$ |

## 3. Claim Termination Rates (CTR)

The assumption was last updated based on actual Genworth nationwide long-term care data from inception through 2019Q4 with experience through 2019Q2 (6-month reporting lag). The CTR assumption variables are product group, gender, benefit period, claim age, claim duration, company and original claim situs. Our experience suggests high terminations in early claim durations are the result of acute disabilities terminating due to death or recovery. The remaining lives are permanent, long-term disabilities where recovery is less likely. Claim terminations in later claim durations are driven by disabled life mortality rates. In 2021 a structural update was made in AXIS to use the CTR assumption component parts - disabled life mortality (DLM) and recovery rates - as this aligns with the disabled life model. The actual CTR assumption did not change from 2020, the only update was the structure of how the assumption is entered into AXIS.

During 2020, the COVID-19 pandemic resulted in higher-than-expected disabled life mortality and recoveries. As this pandemic biased experienced is not expected to be indicative of long-term trends, this assumption was not updated in 2021. The prior year CTR assumption has a very good fit. The Actual/Expected ratio for these policy forms is $100.4 \%$, measured on experience prior to 2020. Note that experience is still emerging at the later claim durations and is changing at the earliest durations, which may cause the assumption to change over time.

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC monthly disabled life mortality assumptions for ALF, female, limited benefit period, claim age 82, for the first 324 claim durations:

| Sample Disabled Life Mortality Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Rate | Duration | Rate | Duration | Rate | Duration | Rate |
| $\mathbf{1}$ | $0.12 \%$ | $\mathbf{1 6}$ | $1.25 \%$ | $\mathbf{3 1}$ | $1.57 \%$ | $\mathbf{1 4 5 - 1 5 6}$ | $2.44 \%$ |
| $\mathbf{2}$ | $0.16 \%$ | $\mathbf{1 7}$ | $1.26 \%$ | $\mathbf{3 2}$ | $1.59 \%$ | $\mathbf{1 5 7 - 1 6 8}$ | $2.62 \%$ |
| $\mathbf{3}$ | $0.29 \%$ | $\mathbf{1 8}$ | $1.27 \%$ | $\mathbf{3 3}$ | $1.61 \%$ | $\mathbf{1 6 9 - 1 8 0}$ | $2.82 \%$ |
| $\mathbf{4}$ | $0.78 \%$ | $\mathbf{1 9}$ | $1.28 \%$ | $\mathbf{3 4}$ | $1.63 \%$ | $\mathbf{1 8 1 - 1 9 2}$ | $3.00 \%$ |
| $\mathbf{5}$ | $1.28 \%$ | $\mathbf{2 0}$ | $1.29 \%$ | $\mathbf{3 5}$ | $1.65 \%$ | $\mathbf{1 9 3 - 2 0 4}$ | $3.16 \%$ |
| $\mathbf{6}$ | $1.29 \%$ | $\mathbf{2 1}$ | $1.30 \%$ | $\mathbf{3 6}$ | $1.67 \%$ | $\mathbf{2 0 5 - 2 1 6}$ | $3.32 \%$ |
| $\mathbf{7}$ | $1.29 \%$ | $\mathbf{2 2}$ | $1.31 \%$ | $\mathbf{3 7 - 4 8}$ | $1.70 \%$ | $\mathbf{2 1 7 - 2 2 8}$ | $3.49 \%$ |
| $\mathbf{8}$ | $1.29 \%$ | $\mathbf{2 3}$ | $1.33 \%$ | $\mathbf{4 9 - 6 0}$ | $1.98 \%$ | $\mathbf{2 2 9 - 2 4 0}$ | $3.67 \%$ |
| $\mathbf{9}$ | $1.29 \%$ | $\mathbf{2 4}$ | $1.34 \%$ | $\mathbf{6 1 - 7 2}$ | $2.14 \%$ | $\mathbf{2 4 1 - 2 5 2}$ | $3.84 \%$ |
| $\mathbf{1 0}$ | $1.30 \%$ | $\mathbf{2 5}$ | $1.47 \%$ | $\mathbf{7 3 - 8 4}$ | $2.29 \%$ | $\mathbf{2 5 3 - 2 6 4}$ | $3.99 \%$ |
| $\mathbf{1 1}$ | $1.30 \%$ | $\mathbf{2 6}$ | $1.49 \%$ | $\mathbf{8 5 - 9 6}$ | $2.26 \%$ | $\mathbf{2 6 5 - 2 7 6}$ | $4.12 \%$ |
| $\mathbf{1 2}$ | $1.31 \%$ | $\mathbf{2 7}$ | $1.50 \%$ | $\mathbf{9 7 - 1 0 8}$ | $2.14 \%$ | $\mathbf{2 7 7 - 2 8 8}$ | $4.23 \%$ |
| $\mathbf{1 3}$ | $1.23 \%$ | $\mathbf{2 8}$ | $1.52 \%$ | $\mathbf{1 0 9 - 1 2 0}$ | $1.90 \%$ | $\mathbf{2 8 9 - 3 0 0}$ | $4.30 \%$ |
| $\mathbf{1 4}$ | $1.23 \%$ | $\mathbf{2 9}$ | $1.54 \%$ | $\mathbf{1 2 1 - 1 3 2}$ | $2.08 \%$ | $\mathbf{3 0 1 - 3 1 2}$ | $4.31 \%$ |
| $\mathbf{1 5}$ | $1.24 \%$ | $\mathbf{3 0}$ | $1.56 \%$ | $\mathbf{1 3 3 - 1 4 4}$ | $2.26 \%$ | $\mathbf{3 1 3 - 3 2 4}$ | $4.31 \%$ |

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025

## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

The following table is a sample of the GLIC monthly recovery rate assumptions for ALF, female, limited benefit period, claim age 82, for the first 324 claim durations:

| Sample Recovery Rate Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duration | Rate | Duration | Rate | Duration | Rate | Duration | Rate |
| $\mathbf{1}$ | $0.07 \%$ | $\mathbf{1 6}$ | $0.14 \%$ | $\mathbf{3 1}$ | $0.08 \%$ | $\mathbf{1 4 5 - 1 5 6}$ | $0.00 \%$ |
| $\mathbf{2}$ | $0.15 \%$ | $\mathbf{1 7}$ | $0.14 \%$ | $\mathbf{3 2}$ | $0.08 \%$ | $\mathbf{1 5 7 - 1 6 8}$ | $0.00 \%$ |
| $\mathbf{3}$ | $0.19 \%$ | $\mathbf{1 8}$ | $0.13 \%$ | $\mathbf{3 3}$ | $0.08 \%$ | $\mathbf{1 6 9 - 1 8 0}$ | $0.00 \%$ |
| $\mathbf{4}$ | $0.28 \%$ | $\mathbf{1 9}$ | $0.12 \%$ | $\mathbf{3 4}$ | $0.08 \%$ | $\mathbf{1 8 1 - 1 9 2}$ | $0.00 \%$ |
| $\mathbf{5}$ | $0.36 \%$ | $\mathbf{2 0}$ | $0.12 \%$ | $\mathbf{3 5}$ | $0.08 \%$ | $\mathbf{1 9 3 - 2 0 4}$ | $0.00 \%$ |
| $\mathbf{6}$ | $0.32 \%$ | $\mathbf{2 1}$ | $0.11 \%$ | $\mathbf{3 6}$ | $0.08 \%$ | $\mathbf{2 0 5 - 2 1 6}$ | $0.00 \%$ |
| $\mathbf{7}$ | $0.29 \%$ | $\mathbf{2 2}$ | $0.11 \%$ | $\mathbf{3 7 - 4 8}$ | $0.08 \%$ | $\mathbf{2 1 7 - 2 2 8}$ | $0.00 \%$ |
| $\mathbf{8}$ | $0.26 \%$ | $\mathbf{2 3}$ | $0.10 \%$ | $\mathbf{4 9 - 6 0}$ | $0.09 \%$ | $\mathbf{2 2 9 - 2 4 0}$ | $0.00 \%$ |
| $\mathbf{9}$ | $0.23 \%$ | $\mathbf{2 4}$ | $0.10 \%$ | $\mathbf{6 1 - 7 2}$ | $0.10 \%$ | $\mathbf{2 4 1 - 2 5 2}$ | $0.00 \%$ |
| $\mathbf{1 0}$ | $0.21 \%$ | $\mathbf{2 5}$ | $0.09 \%$ | $\mathbf{7 3 - 8 4}$ | $0.11 \%$ | $\mathbf{2 5 3 - 2 6 4}$ | $0.00 \%$ |
| $\mathbf{1 1}$ | $0.19 \%$ | $\mathbf{2 6}$ | $0.09 \%$ | $\mathbf{8 5 - 9 6}$ | $0.10 \%$ | $\mathbf{2 6 5 - 2 7 6}$ | $0.00 \%$ |
| $\mathbf{1 2}$ | $0.18 \%$ | $\mathbf{2 7}$ | $0.09 \%$ | $\mathbf{9 7 - 1 0 8}$ | $0.05 \%$ | $\mathbf{2 7 7 - 2 8 8}$ | $0.00 \%$ |
| $\mathbf{1 3}$ | $0.18 \%$ | $\mathbf{2 8}$ | $0.09 \%$ | $\mathbf{1 0 9 - 1 2 0}$ | $0.00 \%$ | $\mathbf{2 8 9 - 3 0 0}$ | $0.00 \%$ |
| $\mathbf{1 4}$ | $0.17 \%$ | $\mathbf{2 9}$ | $0.08 \%$ | $\mathbf{1 2 1 - 1 3 2}$ | $0.00 \%$ | $\mathbf{3 0 1 - 3 1 2}$ | $0.00 \%$ |
| $\mathbf{1 5}$ | $0.15 \%$ | $\mathbf{3 0}$ | $0.08 \%$ | $\mathbf{1 3 3 - 1 4 4}$ | $0.00 \%$ | $\mathbf{3 1 3 - 3 2 4}$ | $0.00 \%$ |

## 4. Claim Situs Mix

A claim situs mix assumption is used to split the incidence rates among the original care situses: NH , ALF and HC. The Situs Mix assumption variables are product, gender, benefit period, marital status, underwriting class, claim age and company.

The assumption is derived from actual Genworth nationwide long-term care experience, using data as of 2020Q4 with experience from 2010 through 2019, with a 12-month lag. Note that the lag was increased from six months to twelve months to exclude 2020 experience from this assumption update as the COVID-19 pandemic caused a shift in situs mix experience in which more policyholders chose to start their claim in Home Care.

At the lower attained ages, the original situs is more likely to be in home health care. At the higher attained ages, the original situs is more evenly distributed between home care and facility.

The Actual/Expected ratio is $99.9 \%$ for ALF, $100.0 \%$ for HC, and $99.9 \%$ for NH ; for these policy forms. This is a very good fit to the experience used to set the assumption.

# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024
CONFIDENTIAL
The following table is the GLIC situs mix assumption for female, limited benefit period, and standard underwriting class for selected ages:

| Sample Claim Situs Mix Rate Assumption |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Marital Status | Claim Age | ALF | HC | NH |
| Married | 60 | 4.1\% | 93.2\% | 2.7\% |
|  | 65 | 7.1\% | 88.7\% | 4.1\% |
|  | 70 | 11.3\% | 83.1\% | 5.6\% |
|  | 75 | 16.2\% | 76.9\% | 6.9\% |
|  | 80 | 21.4\% | 70.9\% | 7.7\% |
|  | 85 | 26.2\% | 66.0\% | 7.8\% |
|  | 90 | 30.0\% | 62.6\% | 7.4\% |
| Single | 60 | 9.9\% | 86.7\% | 3.3\% |
|  | 65 | 15.3\% | 79.8\% | 5.0\% |
|  | 70 | 21.2\% | 72.1\% | 6.7\% |
|  | 75 | 26.9\% | 65.0\% | 8.1\% |
|  | 80 | 31.8\% | 59.1\% | 9.1\% |
|  | 85 | 35.4\% | 55.2\% | 9.4\% |
|  | 90 | 37.4\% | 53.3\% | 9.2\% |

## D. Expenses:

Expenses do not affect the Lifetime Loss Ratio projections or the rate increase requested in this memorandum. Expenses have not been explicitly projected.
E. Interest:

A 4.5\% interest rate assumption is used to calculate historical, future and lifetime loss ratios. This is the average statutory valuation interest rate for all GLIC policies issued on these forms nationwide.
F. Margin for Moderately Adverse Experience (MAE):

A bottom-up approach has been developed to determine a margin for MAE, which proactively addresses the uncertainty in future experience rather than waiting to see how future experience actually emerges, at which time remaining premium runway will be shorter.

Genworth Life Insurance Company
Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024
CONFIDENTIAL
The analysis begins with current best estimate assumptions and provides a reasonable estimation of where future experience might possibly emerge if potential adverse trends were to materialize. This sensitivity also illustrates which product groupings present the most risk, necessitate the most rate increase and eliminates or reduces the need for rate increases on policies that do not present comparable risk. The lifetime loss ratio reflecting the margin for MAE can be found in Exhibit I under "MAE Lifetime Loss Ratio".

The table below presents the changes to the best estimate assumptions in the MAE. Two of the assumptions below, BUR trend and morbidity improvement, are also risks currently being tracked as part of the GLIC monitoring plan developed with key regulators in conjunction with Actuarial Guideline 51 where key risks will be monitored as trends emerge.

| Assumption | Moderately Adverse Experience Changes |
| :--- | :--- |
| Updated cost of care inflation factors based on more <br> conservative cost of care inflation factors which reflect more <br> adverse future increases <br> C-BIO: $3.6 \% \mathrm{HC}, 4.3 \%$ ALF, $4.2 \% \mathrm{NH}$ <br> S-BIO: $1.4 \% \mathrm{HC}, 2.3 \%$ ALF, $2.2 \% \mathrm{NH}$ |  |
|  | This change effectively delays both sets of improvement by 4 <br> years |
|  | More conservative rates reflect a heavier weighting towards <br> observed experience, even in durations where experience is <br> less credible |

## Genworth Life Insurance Company

 Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025
## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

## 9. Development of the Requested Rate Increase

In developing the requested premium rate increase, the following has been considered:
a. In order to ensure maximum credibility, exhibits are based on GLIC nationwide experience excluding Florida and California ${ }^{1}$, through December 31, 2021, for all the forms affected by this filing. Projected earned premiums and incurred claims are based on the assumptions described in Section 8 of this actuarial memorandum;
c. This rate action is considered to be subject to the Rate Stability regulation;
d. The nationwide premium has been restated at your state level, only reflecting your state's approved rate increases, in order to avoid subsidization among states;
e. The requested rate increase has been assumed to be implemented on August 31, 2023 and it has been calculated to bring the MAE Lifetime Loss Ratio closer to the lifetime loss ratio at pricing, which complies with the 58\%/85\% test defined in the Rate Stability regulation as demonstrated in the Supplement;
f. Lifetime projections of earned premiums and incurred claims reflecting all the prior approved rate increases in your state are set forth in Exhibit I. Lifetime projections of earned premiums and incurred claims reflecting all the prior approved rate increases in your state and the requested rate increase are set forth in Exhibit II; and
g. Historical and projected earned premiums and incurred claims include provisions for waiver of premium; and
h. Refer to the Supplement for contingent benefit upon lapse information.

### 9.1 New Business Premium Rate Comparison

GLIC has compared premium rates on the referenced policy form to the new business rates where the policy characteristics are similar. There are significant differences in benefits, underwriting and other product features between the Flex 1 products and the current form approved for sale in your state, Policy Form Number 8000R1. Where possible, adjustments have been made so that new business comparisons are meaningful. These differences affect the rate comparison in the following ways:

Benefit Differences: Several benefits, available in prior product generations, including Flex 1, are not offered in Policy Form Number 8000R1, including benefit periods of eight (8) years or longer, elimination period of zero ( 0 ) days, and limited premium payment options (none of these benefits are currently marketed). Policies with these benefit differences are not considered to exceed new business rates.

Underwriting: Product Form Number 8000R1 is subject to several underwriting enhancements that did not apply to Flex 1. While these underwriting enhancements are not directly reflected in benefits, they impact both original and new business pricing. In addition, Product Form Number 8000R1 has four underwriting categories (Standard, Select, Preferred, and Best), while Flex 1 had only two such categories (Standard and Preferred). GLIC recently made the decision to discontinue sales of Preferred

[^11]
# Genworth Life Insurance Company 

Address: 6620 West Broad Street, Richmond, VA 23230
Company NAIC No: 70025
Actuarial Memorandum
April 2024

## CONFIDENTIAL

and Best. Ignoring Preferred policies would limit the comparison significantly. GLIC has made a good faith effort to compare these policies and map the two underwriting categories of Flex 1 to the four underwriting categories of Policy Form Number 8000R1 despite the differences.

Issue Ages: Current marketing limits issue ages to between 40 and 75 . Policyholders with issue ages outside of this range are not considered to exceed new business rates.

Gender Based Pricing: Product Form Number 8000R1 was priced on a gender-specific basis, as opposed to the unisex basis applicable to Flex 1. A blend of female/male rates based on pricing assumptions was used to develop approximate unisex rates.

In accordance with the Rate Stability regulation and the Long-Term Care Rate Stability Practice Note issued by the American Academy of Actuaries in 2012, we believe the differences noted above sufficiently justify a rate level greater than the new business rates for some of the Flex 1 in-force policies in your state. Since GLIC prioritizes rate sufficiency and company solvency, the greater rate level is required in order to certify that, if experience emerges as expected, no further rate increases are anticipated.

## 10. Active Life Reserves and Claim Liability Reserves

Active life reserves have not been used in this rate increase analysis. Claim reserves as of December 31, 2021, have been discounted to the date of incurral of each respective claim and included in historical incurred claims. Incurred but not reported reserve balances as of December 31, 2021, have been allocated to a calendar year of incurral and included in historic incurred claims. Discounting occurs at 4.5\%.

## 11. Trend Assumptions

As this is not medical insurance, we have not included any explicit medical cost trends in the projections.

## 12. Future Rate Increases

Policies to which this premium rate increase filing applies may also be subject to future additional rate increases if the full amount of the rate increases requested in this filing are not approved or if the underlying assumptions are not realized, producing a best estimate lifetime loss ratio greater than projected in Exhibit II of this actuarial memorandum.

# Genworth Life Insurance Company 

 Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025
## Actuarial Memorandum <br> April 2024

CONFIDENTIAL

## 13. Confidentiality

GLIC respectfully requests that the following portions of this Actuarial Memorandum be treated as confidential by the Virginia Bureau of Insurance (the "Bureau") and not subject to disclosure:

- Section 3 of the Actuarial Memorandum
- Section 8 of the Actuarial Memorandum
- Section 14 of the Actuarial Memorandum
- Exhibit I of the Actuarial Memorandum
- Exhibit II of the Actuarial Memorandum

The materials sought to be maintained as confidential are referred to as the "GLIC Confidential Materials" herein. The GLIC Confidential Materials contain GLIC's confidential trade secrets, including, but not limited to, actuarial formulas, statistics and/or assumptions, which are not generally known to, or ascertainable by proper means by, persons or entities other than GLIC who could obtain economic value from its disclosure or use.

The Bureau is not subject to the public inspection requirements of Virginia Freedom of Information Act, Va. Code Ann. § 2.2-3700, et seq. See Christian v. State Corp. Comm'n, 282 Va. 392, 395 (2011). However, other laws related to public information, including Va. Code Ann. § 12.1-19(A), apply to the Bureau. See id. at 399. While Va. Code Ann. § 12.1-19(C)(1) provides for open inspection of certain administrative records, it provides that "[d]isclosure of such records shall not be required, however, if . . . such records are not publicly available from other public entities under the laws of the Commonwealth, including . . . Va. Code Ann. § 2.2-4342." Section 2.2-4342 and other laws related to documents available from public entities provide extensive protections for trade secrets. See e.g., Va. Code Ann. § 2.2-4342(F); Va. Code Ann. § 2.2-3705.6. Likewise, trade secret protections should be provided by the Bureau.

Furthermore, the Insurance Code recognizes that an insurer's "confidential information" can include experience data, such as "mortality, morbidity, policyholder behavior, or expense experience," and provides that an insurer's confidential information is confidential by law and privileged. See Va. Code Ann. § 38.2-1382(A)(5); Va. Code Ann. § 38.2-1381. Similar to the information described in the Insurance Code, the GLIC Confidential Materials include experience-related information that is used to price GLIC's long-term care products, and are GLIC's confidential trade secrets.

Virginia's Uniform Trade Secrets Act (the "Trade Secrets Act") defines "trade secret" as follows:
"Trade secret" means information, including but not limited to, a formula, pattern, compilation, program, device, method, technique, or process, that:

1. Derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use, and
2. Is the subject of efforts that are reasonable under the circumstances to maintain its secrecy.

## Genworth Life Insurance Company

 Address: 6620 West Broad Street, Richmond, VA 23230 Company NAIC No: 70025
## Actuarial Memorandum <br> April 2024

## CONFIDENTIAL

See Va. Code Ann. § 59.1-336. See, e.g., Microstrategy, Inc. v. Bus. Objects, S.A., 331 F.Supp.2d 396, 416 (E.D. Va. 2004) ("The case law is clear that just about anything can constitute a trade secret under the right set of facts"); Stone Castle Fin., Inc. v. Friedman, Billings, Ramsey \& Co., Inc., 191 F.Supp.2d 652 (E.D. Va 2002) (Plaintiff's allegations that defendant disclosed plaintiff's confidential business plan and financial information sufficient to state a claim for misappropriation of a trade secret under Virginia law).

The GLIC Confidential Materials fall squarely within the above definition of trade secrets. GLIC and its predecessors have been providing long-term care insurance coverage to policyholders for more than 35 years. GLIC's lengthy experience in the long-term care insurance business has placed it in a unique position in the long-term care marketplace, in that no other long-term care carrier has as much experience in that line of business as GLIC and its predecessors. Because GLIC has been marketing long-term care products longer than its competitors, it has been able to accumulate experience-related data that its competitors have not been able to gather. Among other things, GLIC's confidential, experience-related data are used to price GLIC's long-term care products, providing economic value to GLIC, and if they were released, to GLIC's competitors. Additionally, the data are held and maintained as confidential by GLIC. The data in GLIC Confidential Materials are not generally known to, or ascertainable by proper means by, persons or entities other than GLIC who could obtain economic value from their disclosure or use. GLIC takes active measures to maintain the secrecy of the information in the GLIC Confidential Materials. Among other measures, GLIC obtains non-disclosure agreements with potential reinsurers before providing those potential reinsurers with any experiencerelated data. Furthermore, access to the data is limited and available only to employees of GLIC who are deemed likely to need the information in the course of their duties; those employees are subject to non-disclosure agreements under which they agree not to share the information except in furtherance of the business of GLIC. Thus, the GLIC Confidential Materials are plainly information that is "subject of efforts to maintain its secrecy that are reasonable under the circumstances," and "derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use." See Va. Code Ann. § 59.1-336.

If the GLIC Confidential Materials are disclosed, GLIC's competitors could exploit GLIC's confidential, proprietary, trade secret information for their own benefit, and to GLIC's competitive and economic disadvantage. GLIC's hard-earned information should be kept confidential so that others cannot gain from GLIC's experience in order to more effectively compete with GLIC in the long-term care insurance marketplace. The GLIC Confidential Materials include, among other things, compilations of information regarding GLIC's assumptions in pricing certain long-term care products, GLIC's proprietary persistency and incurred claims statistics, and GLIC's policy demographics. None of this information is available to GLIC's competitors or to the public generally, and it is plainly protectable under the statutes discussed above.

## 14. Actuarial Certification

I am an Associate of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the American Academy of Actuaries' qualification standards for rendering this opinion and am familiar with the requirements for filing for increases in long-term care insurance premiums.

This memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including ASOP No. 18, 23, 25, 41 and 56. Policy design, underwriting, and claims adjudication practices have been considered.

I have relied on historical cash flows and projections completed by GLIC's In-force Actuarial Infrastructure team. All future projections included in this memorandum, while based on GLIC's best estimates, are uncertain and may not emerge as expected.

I have relied on statutory valuations as of December 31, 2021, for Claim Reserves (ie., Disabled Life Reserves, Pending Claims reserves, Incurred But Not Reported reserves, and Dead But Not Reported reserves) provided by GLIC's Long-Term Care Valuation team.

I have also relied on assumptions developed by GLIC's Long-Term Care Experience Studies team in collaboration with other GLIC actuaries, which assumptions were approved by Genworth's Assumption Review Committee. The assumptions present the actuary's best judgement and are consistent with the issuer's business plan at the time of the filing.

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of your state and the Long-term Care Insurance regulation. If the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect a margin for moderately adverse experience, are realized, no further premium rate schedule increases are anticipated. In my opinion, the rates are not excessive or unfairly discriminatory.


[^12]

**Includes all rate increases approved in your state applied to all policies nationwide, and a $85.7 \%$ rate increase

**Includes all rate increases approved in your state applied to all policies nationwide, and a $94.8 \%$ rate increase

| Calendar Year | Exhibit 1a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{lcc} & 3.80 \% \\ \text { Loss Ratio } & \text { Discount Factor } & \text { Lives }\end{array}$ |  |  |
|  | Earned Premium | Incurred Claims |  |  |  |  |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 | 2,907 |
| 2023 | 10,403,086 | 2,898,703 | 27.9\% | 0.9456 | 2,878 |
| 2024 | 10,907,547 | 3,348,707 | 30.7\% | 0.9110 | 2,848 |
| 2025 | 10,757,438 | 3,832,568 | 35.6\% | 0.8776 | 2,816 |
| 2026 | 10,595,913 | 4,364,885 | 41.2\% | 0.8455 | 2,781 |
| 2027 | 10,416,816 | 4,921,878 | 47.2\% | 0.8145 | 2,744 |
| 2028 | 10,214,225 | 5,586,375 | 54.7\% | 0.7847 | 2,703 |
| 2029 | 10,001,718 | 6,372,900 | 63.7\% | 0.7560 | 2,657 |
| 2030 | 9,770,935 | 7,201,111 | 73.7\% | 0.7283 | 2,605 |
| 2031 | 9,520,495 | 8,005,597 | 84.1\% | 0.7017 | 2,548 |
| 2032 | 9,243,335 | 8,804,739 | 95.3\% | 0.6760 | 2,485 |
| 2033 | 8,949,258 | 9,911,466 | 110.8\% | 0.6512 | 2,418 |
| 2034 | 8,635,906 | 11,273,139 | 130.5\% | 0.6274 | 2,345 |
| 2035 | 8,304,260 | 12,557,221 | 151.2\% | 0.6044 | 2,267 |
| 2036 | 7,956,081 | 13,718,797 | 172.4\% | 0.5823 | 2,184 |
| 2037 | 7,592,936 | 14,760,215 | 194.4\% | 0.5610 | 2,097 |
| 2038 | 7,214,921 | 15,986,641 | 221.6\% | 0.5404 | 2,005 |
| 2039 | 6,823,097 | 17,367,854 | 254.5\% | 0.5207 | 1,910 |
| 2040 | 6,423,590 | 18,483,632 | 287.7\% | 0.5016 | 1,810 |
| 2041 | 6,017,281 | 19,444,216 | 323.1\% | 0.4832 | 1,708 |
| 2042 | 5,606,707 | 20,208,224 | 360.4\% | 0.4655 | 1,604 |
| 2043 | 5,193,924 | 20,826,275 | 401.0\% | 0.4485 | 1,498 |
| 2044 | 4,784,381 | 21,400,998 | 447.3\% | 0.4321 | 1,391 |
| 2045 | 4,383,210 | 21,601,933 | 492.8\% | 0.4163 | 1,286 |
| 2046 | 3,993,476 | 21,714,972 | 543.8\% | 0.4010 | 1,183 |
| 2047 | 3,619,253 | 21,714,722 | 600.0\% | 0.3863 | 1,082 |
| 2048 | 3,261,311 | 21,273,503 | 652.3\% | 0.3722 | 985 |
| 2049 | 2,920,455 | 20,528,557 | 702.9\% | 0.3586 | 891 |
| 2050 | 2,598,217 | 19,542,070 | 752.1\% | 0.3454 | 802 |
| 2051 | 2,300,016 | 18,609,670 | 809.1\% | 0.3328 | 718 |
| 2052 | 2,024,856 | 17,828,269 | 880.5\% | 0.3206 | 640 |
| 2053 | 1,772,410 | 16,927,933 | 955.1\% | 0.3089 | 567 |
| 2054 | 1,542,554 | 15,909,412 | 1031.4\% | 0.2976 | 500 |
| 2055 | 1,334,887 | 14,837,979 | 1111.6\% | 0.2867 | 439 |
| 2056 | 1,149,219 | 13,730,179 | 1194.7\% | 0.2762 | 384 |
| 2057 | 984,680 | 12,396,487 | 1258.9\% | 0.2661 | 334 |
| 2058 | 839,521 | 11,074,305 | 1319.1\% | 0.2563 | 289 |
| 2059 | 712,324 | 10,112,072 | 1419.6\% | 0.2469 | 250 |
| 2060 | 601,527 | 9,307,076 | 1547.2\% | 0.2379 | 215 |
| 2061 | 505,629 | 8,623,425 | 1705.5\% | 0.2292 | 184 |
| 2062 | 423,071 | 7,948,318 | 1878.7\% | 0.2208 | 157 |
| 2063 | 352,490 | 7,273,957 | 2063.6\% | 0.2127 | 134 |
| 2064 | 292,604 | 6,601,068 | 2256.0\% | 0.2049 | 113 |
| 2065 | 241,920 | 5,969,814 | 2467.7\% | 0.1974 | 96 |
| 2066 | 199,152 | 5,355,791 | 2689.3\% | 0.1902 | 80 |
| 2067 | 163,232 | 4,669,763 | 2860.8\% | 0.1832 | 67 |
| 2068 | 133,213 | 4,020,759 | 3018.3\% | 0.1765 | 56 |
| 2069 | 108,222 | 3,538,360 | 3269.5\% | 0.1701 | 46 |
| 2070 | 87,452 | 3,090,101 | 3533.5\% | 0.1638 | 38 |
| 2071 | 70,259 | 2,653,289 | 3776.4\% | 0.1578 | 31 |
| 2072 | 56,101 | 2,240,676 | 3994.0\% | 0.1521 | 25 |
| 2073 | 44,524 | 1,881,717 | 4226.3\% | 0.1465 | 20 |
| 2074 | 35,142 | 1,524,144 | 4337.1\% | 0.1411 | 16 |
| 2075 | 27,578 | 1,217,966 | 4416.5\% | 0.1360 | 13 |
| 2076 | 21,513 | 951,514 | 4423.0\% | 0.1310 | 10 |
| 2077 | 16,679 | 710,406 | 4259.4\% | 0.1262 | 8 |
| 2078 | 12,853 | 530,707 | 4129.2\% | 0.1216 | 6 |
| 2079 | 9,839 | 390,823 | 3972.2\% | 0.1171 | 4 |
| 2080 | 7,477 | 284,210 | 3801.2\% | 0.1128 | 3 |
| 2081 | 5,635 | 208,739 | 3704.2\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 149,714,289 | 249,147,868 | 166.4\% |  |  |
| Lifetime: | 287,363,343 | 258,192,222 | 89.8\% |  |  |
| Lifetime with MAE: | 287,426,246 | 327,010,301 | 113.8\% |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this filing |  |  |  |  |  |


| Calendar Year | Exhibit 1b: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Limited High BIO With Virginia Approved Rate Increase* without MAE Applicable to Policies Not Subject to Revised Couple's Discount |  |  |  | CONFIDENTIAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{lcc} \\ \\ \text { Loss Ratio } & \text { 30\% } \\ \text { Discount Factor } & \text { Lives }\end{array}$ |  |  |
|  | Earned Premium | Incurred Claims |  |  |  |  |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 | 58,124 |
| 2023 | 168,938,349 | 34,721,334 | 20.6\% | 0.9456 | 57,343 |
| 2024 | 176,648,565 | 42,316,421 | 24.0\% | 0.9110 | 56,542 |
| 2025 | 173,613,978 | 50,678,974 | 29.2\% | 0.8776 | 55,689 |
| 2026 | 170,402,860 | 59,847,394 | 35.1\% | 0.8455 | 54,769 |
| 2027 | 166,948,036 | 69,582,782 | 41.7\% | 0.8145 | 53,763 |
| 2028 | 163,204,199 | 80,640,056 | 49.4\% | 0.7847 | 52,658 |
| 2029 | 159,115,607 | 93,421,167 | 58.7\% | 0.7560 | 51,435 |
| 2030 | 154,602,505 | 106,930,742 | 69.2\% | 0.7283 | 50,069 |
| 2031 | 149,648,400 | 120,236,415 | 80.3\% | 0.7017 | 48,557 |
| 2032 | 144,238,658 | 133,905,991 | 92.8\% | 0.6760 | 46,915 |
| 2033 | 138,445,484 | 150,561,891 | 108.8\% | 0.6512 | 45,154 |
| 2034 | 132,317,242 | 169,377,335 | 128.0\% | 0.6274 | 43,281 |
| 2035 | 125,887,478 | 186,738,021 | 148.3\% | 0.6044 | 41,307 |
| 2036 | 119,201,529 | 201,995,250 | 169.5\% | 0.5823 | 39,244 |
| 2037 | 112,310,663 | 214,896,323 | 191.3\% | 0.5610 | 37,102 |
| 2038 | 105,253,970 | 226,808,975 | 215.5\% | 0.5404 | 34,893 |
| 2039 | 98,077,279 | 238,122,431 | 242.8\% | 0.5207 | 32,633 |
| 2040 | 90,840,794 | 245,367,180 | 270.1\% | 0.5016 | 30,343 |
| 2041 | 83,627,882 | 249,857,408 | 298.8\% | 0.4832 | 28,049 |
| 2042 | 76,518,955 | 252,755,795 | 330.3\% | 0.4655 | 25,768 |
| 2043 | 69,560,222 | 253,164,510 | 364.0\% | 0.4485 | 23,518 |
| 2044 | 62,797,841 | 251,251,600 | 400.1\% | 0.4321 | 21,322 |
| 2045 | 56,301,846 | 245,077,123 | 435.3\% | 0.4163 | 19,207 |
| 2046 | 50,142,343 | 236,705,628 | 472.1\% | 0.4010 | 17,195 |
| 2047 | 44,372,590 | 228,138,816 | 514.1\% | 0.3863 | 15,294 |
| 2048 | 39,003,862 | 217,141,146 | 556.7\% | 0.3722 | 13,510 |
| 2049 | 34,039,169 | 203,559,546 | 598.0\% | 0.3586 | 11,851 |
| 2050 | 29,490,339 | 187,925,018 | 637.2\% | 0.3454 | 10,325 |
| 2051 | 25,373,941 | 171,721,557 | 676.8\% | 0.3328 | 8,939 |
| 2052 | 21,691,277 | 157,065,943 | 724.1\% | 0.3206 | 7,688 |
| 2053 | 18,418,892 | 142,966,900 | 776.2\% | 0.3089 | 6,568 |
| 2054 | 15,530,329 | 128,880,105 | 829.9\% | 0.2976 | 5,573 |
| 2055 | 13,002,889 | 115,445,001 | 887.8\% | 0.2867 | 4,698 |
| 2056 | 10,816,109 | 102,455,797 | 947.3\% | 0.2762 | 3,938 |
| 2057 | 8,944,706 | 89,176,748 | 997.0\% | 0.2661 | 3,283 |
| 2058 | 7,353,998 | 76,692,499 | 1042.9\% | 0.2563 | 2,722 |
| 2059 | 6,010,195 | 66,383,939 | 1104.5\% | 0.2469 | 2,244 |
| 2060 | 4,883,617 | 57,673,682 | 1181.0\% | 0.2379 | 1,840 |
| 2061 | 3,946,586 | 49,998,991 | 1266.9\% | 0.2292 | 1,502 |
| 2062 | 3,172,383 | 43,208,377 | 1362.0\% | 0.2208 | 1,220 |
| 2063 | 2,536,694 | 37,053,640 | 1460.7\% | 0.2127 | 987 |
| 2064 | 2,018,957 | 31,528,582 | 1561.6\% | 0.2049 | 795 |
| 2065 | 1,599,867 | 26,778,054 | 1673.8\% | 0.1974 | 638 |
| 2066 | 1,262,059 | 22,650,502 | 1794.7\% | 0.1902 | 510 |
| 2067 | 991,092 | 18,950,506 | 1912.1\% | 0.1832 | 406 |
| 2068 | 774,915 | 15,700,929 | 2026.1\% | 0.1765 | 322 |
| 2069 | 603,462 | 13,141,374 | 2177.7\% | 0.1701 | 255 |
| 2070 | 467,659 | 10,912,878 | 2333.5\% | 0.1638 | 200 |
| 2071 | 360,180 | 8,923,111 | 2477.4\% | 0.1578 | 156 |
| 2072 | 275,388 | 7,288,787 | 2646.7\% | 0.1521 | 121 |
| 2073 | 208,919 | 5,896,136 | 2822.2\% | 0.1465 | 93 |
| 2074 | 157,267 | 4,688,658 | 2981.3\% | 0.1411 | 71 |
| 2075 | 117,514 | 3,698,194 | 3147.0\% | 0.1360 | 54 |
| 2076 | 87,068 | 2,890,537 | 3319.9\% | 0.1310 | 41 |
| 2077 | 63,932 | 2,213,976 | 3463.0\% | 0.1262 | 30 |
| 2078 | 46,534 | 1,631,040 | 3505.0\% | 0.1216 | 22 |
| 2079 | 33,591 | 1,193,006 | 3551.5\% | 0.1171 | 17 |
| 2080 | 24,035 | 869,589 | 3618.0\% | 0.1128 | 12 |
| 2081 | 17,043 | 631,215 | 3703.7\% | 0.1087 | 9 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 2,248,020,952 | 2,911,472,691 | 129.5\% |  |  |
| Lifetime: | 3,860,647,205 | 2,987,470,899 | 77.4\% |  |  |
| Lifetime with MAE: | 3,853,077,298 | 3,944,526,908 | 102.4\% |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this fling |  |  |  |  |  |


| Exhibit 1c: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) <br> Limited High BIO With Virginia Approved Rate Increase* without MAE <br> Applicable to Policies Subject to Revised Couple's Discount <br> 3.80\% |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,809,648 | 2,535,829 | 12.2\% | 0.9815 | 8,902 |
| 2023 | 20,528,222 | 3,149,715 | 15.3\% | 0.9456 | 8,787 |
| 2024 | 20,228,598 | 3,892,472 | 19.2\% | 0.9110 | 8,674 |
| 2025 | 19,951,260 | 4,799,412 | 24.1\% | 0.8776 | 8,559 |
| 2026 | 19,660,000 | 5,862,955 | 29.8\% | 0.8455 | 8,435 |
| 2027 | 19,344,485 | 7,047,808 | 36.4\% | 0.8145 | 8,300 |
| 2028 | 19,000,008 | 8,298,676 | 43.7\% | 0.7847 | 8,152 |
| 2029 | 18,621,935 | 9,751,304 | 52.4\% | 0.7560 | 7,990 |
| 2030 | 18,207,483 | 11,432,776 | 62.8\% | 0.7283 | 7,810 |
| 2031 | 17,749,120 | 13,195,463 | 74.3\% | 0.7017 | 7,611 |
| 2032 | 17,241,014 | 15,098,923 | 87.6\% | 0.6760 | 7,390 |
| 2033 | 16,681,474 | 17,108,708 | 102.6\% | 0.6512 | 7,149 |
| 2034 | 16,077,798 | 19,459,707 | 121.0\% | 0.6274 | 6,891 |
| 2035 | 15,434,317 | 22,078,681 | 143.0\% | 0.6044 | 6,616 |
| 2036 | 14,754,572 | 24,537,408 | 166.3\% | 0.5823 | 6,325 |
| 2037 | 14,042,364 | 26,773,771 | 190.7\% | 0.5610 | 6,020 |
| 2038 | 13,301,930 | 28,744,885 | 216.1\% | 0.5404 | 5,703 |
| 2039 | 12,536,624 | 30,607,858 | 244.1\% | 0.5207 | 5,375 |
| 2040 | 11,751,320 | 32,325,690 | 275.1\% | 0.5016 | 5,038 |
| 2041 | 10,952,543 | 33,535,692 | 306.2\% | 0.4832 | 4,695 |
| 2042 | 10,148,227 | 34,466,701 | 339.6\% | 0.4655 | 4,350 |
| 2043 | 9,347,255 | 35,237,549 | 377.0\% | 0.4485 | 4,005 |
| 2044 | 8,554,204 | 35,552,938 | 415.6\% | 0.4321 | 3,663 |
| 2045 | 7,775,465 | 35,365,014 | 454.8\% | 0.4163 | 3,328 |
| 2046 | 7,020,362 | 34,520,830 | 491.7\% | 0.4010 | 3,004 |
| 2047 | 6,297,373 | 33,489,396 | 531.8\% | 0.3863 | 2,695 |
| 2048 | 5,613,302 | 32,504,613 | 579.1\% | 0.3722 | 2,401 |
| 2049 | 4,969,405 | 31,098,300 | 625.8\% | 0.3586 | 2,123 |
| 2050 | 4,367,787 | 29,263,132 | 670.0\% | 0.3454 | 1,864 |
| 2051 | 3,811,104 | 26,998,501 | 708.4\% | 0.3328 | 1,626 |
| 2052 | 3,302,279 | 24,673,631 | 747.2\% | 0.3206 | 1,408 |
| 2053 | 2,842,750 | 22,632,523 | 796.1\% | 0.3089 | 1,211 |
| 2054 | 2,430,120 | 20,629,189 | 848.9\% | 0.2976 | 1,034 |
| 2055 | 2,062,231 | 18,652,434 | 904.5\% | 0.2867 | 876 |
| 2056 | 1,737,422 | 16,765,077 | 964.9\% | 0.2762 | 737 |
| 2057 | 1,454,180 | 14,879,018 | 1023.2\% | 0.2661 | 617 |
| 2058 | 1,209,960 | 12,936,879 | 1069.2\% | 0.2563 | 513 |
| 2059 | 1,000,483 | 11,127,809 | 1112.2\% | 0.2469 | 424 |
| 2060 | 822,070 | 9,642,958 | 1173.0\% | 0.2379 | 348 |
| 2061 | 671,368 | 8,378,724 | 1248.0\% | 0.2292 | 284 |
| 2062 | 545,149 | 7,228,507 | 1326.0\% | 0.2208 | 231 |
| 2063 | 440,184 | 6,200,377 | 1408.6\% | 0.2127 | 186 |
| 2064 | 353,502 | 5,268,950 | 1490.5\% | 0.2049 | 150 |
| 2065 | 282,550 | 4,445,096 | 1573.2\% | 0.1974 | 120 |
| 2066 | 224,822 | 3,753,383 | 1669.5\% | 0.1902 | 95 |
| 2067 | 178,034 | 3,148,336 | 1768.4\% | 0.1832 | 76 |
| 2068 | 140,363 | 2,605,967 | 1856.6\% | 0.1765 | 60 |
| 2069 | 110,210 | 2,148,848 | 1949.8\% | 0.1701 | 47 |
| 2070 | 86,197 | 1,774,582 | 2058.7\% | 0.1638 | 37 |
| 2071 | 67,087 | 1,446,310 | 2155.9\% | 0.1578 | 29 |
| 2072 | 51,901 | 1,169,477 | 2253.3\% | 0.1521 | 22 |
| 2073 | 39,869 | 942,365 | 2363.6\% | 0.1465 | 17 |
| 2074 | 30,403 | 758,639 | 2495.2\% | 0.1411 | 13 |
| 2075 | 23,031 | 602,165 | 2614.6\% | 0.1360 | 10 |
| 2076 | 17,332 | 473,890 | 2734.2\% | 0.1310 | 7 |
| 2077 | 12,930 | 373,281 | 2886.9\% | 0.1262 | 5 |
| 2078 | 9,568 | 284,385 | 2972.4\% | 0.1216 | 4 |
| 2079 | 7,017 | 207,684 | 2959.5\% | 0.1171 | 3 |
| 2080 | 5,106 | 150,434 | 2946.2\% | 0.1128 | 2 |
| 2081 | 3,684 | 109,666 | 2977.0\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 279,445,303 | 380,012,142 | 136.0\% |  |  |
| Lifetime: | 503,634,117 | 386,447,884 | 76.7\% |  |  |
| Lifetime | 502,728,661 | 520,098,784 | 103.5\% |  |  |
| *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this fling |  |  |  |  |  |

Exhibit 2a: Flex 1 Policy Forms - Nationwide Experience (VA Forms Only) Lifetime High BIO With Requested $60.4 \%$ Rate Increase* with MAS
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 | 301 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 | 3,256 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 | 3,219 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 | 3,169 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 | 3,129 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 | 3,090 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 | 3,054 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 | 3,020 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 | 2,989 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 | 2,968 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 | 2,941 |
| 2022 | 9,404,164 | 2,593,696 | 27.6\% | 0.9815 | 2,909 |
| 2023 | 12,502,247 | 3,279,100 | 26.2\% | 0.9456 | 2,882 |
| 2024 | 17,489,199 | 4,067,263 | 23.3\% | 0.9110 | 2,853 |
| 2025 | 17,259,609 | 4,786,202 | 27.7\% | 0.8776 | 2,821 |
| 2026 | 17,007,889 | 5,575,982 | 32.8\% | 0.8455 | 2,787 |
| 2027 | 16,724,765 | 6,395,884 | 38.2\% | 0.8145 | 2,749 |
| 2028 | 16,400,733 | 7,330,763 | 44.7\% | 0.7847 | 2,708 |
| 2029 | 16,058,918 | 8,413,060 | 52.4\% | 0.7560 | 2,661 |
| 2030 | 15,687,999 | 9,598,745 | 61.2\% | 0.7283 | 2,609 |
| 2031 | 15,286,222 | 10,811,178 | 70.7\% | 0.7017 | 2,552 |
| 2032 | 14,841,111 | 11,961,780 | 80.6\% | 0.6760 | 2,488 |
| 2033 | 14,368,426 | 13,322,370 | 92.7\% | 0.6512 | 2,420 |
| 2034 | 13,865,416 | 14,943,924 | 107.8\% | 0.6274 | 2,347 |
| 2035 | 13,333,886 | 16,474,536 | 123.6\% | 0.6044 | 2,270 |
| 2036 | 12,777,004 | 17,998,219 | 140.9\% | 0.5823 | 2,187 |
| 2037 | 12,195,470 | 19,536,079 | 160.2\% | 0.5610 | 2,100 |
| 2038 | 11,588,644 | 21,337,886 | 184.1\% | 0.5404 | 2,008 |
| 2039 | 10,958,108 | 23,355,144 | 213.1\% | 0.5207 | 1,912 |
| 2040 | 10,313,557 | 25,007,837 | 242.5\% | 0.5016 | 1,812 |
| 2041 | 9,656,381 | 26,424,891 | 273.7\% | 0.4832 | 1,709 |
| 2042 | 8,990,865 | 27,524,131 | 306.1\% | 0.4655 | 1,604 |
| 2043 | 8,320,797 | 28,371,163 | 341.0\% | 0.4485 | 1,497 |
| 2044 | 7,655,249 | 29,094,493 | 380.1\% | 0.4321 | 1,389 |
| 2045 | 7,004,093 | 29,270,800 | 417.9\% | 0.4163 | 1,283 |
| 2046 | 6,372,885 | 29,316,159 | 460.0\% | 0.4010 | 1,179 |
| 2047 | 5,767,663 | 29,196,234 | 506.2\% | 0.3863 | 1,078 |
| 2048 | 5,189,847 | 28,476,532 | 548.7\% | 0.3722 | 980 |
| 2049 | 4,640,809 | 27,341,944 | 589.2\% | 0.3586 | 886 |
| 2050 | 4,122,909 | 25,894,629 | 628.1\% | 0.3454 | 796 |
| 2051 | 3,644,643 | 24,531,579 | 673.1\% | 0.3328 | 713 |
| 2052 | 3,204,179 | 23,365,637 | 729.2\% | 0.3206 | 634 |
| 2053 | 2,800,918 | 22,033,959 | 786.7\% | 0.3089 | 562 |
| 2054 | 2,434,521 | 20,535,166 | 843.5\% | 0.2976 | 495 |
| 2055 | 2,104,173 | 18,969,071 | 901.5\% | 0.2867 | 434 |
| 2056 | 1,809,353 | 17,381,828 | 960.7\% | 0.2762 | 379 |
| 2057 | 1,548,510 | 15,531,489 | 1003.0\% | 0.2661 | 329 |
| 2058 | 1,318,785 | 13,728,601 | 1041.0\% | 0.2563 | 285 |
| 2059 | 1,117,813 | 12,406,114 | 1109.9\% | 0.2469 | 246 |
| 2060 | 943,015 | 11,300,684 | 1198.4\% | 0.2379 | 212 |
| 2061 | 791,922 | 10,365,111 | 1308.9\% | 0.2292 | 181 |
| 2062 | 662,015 | 9,451,313 | 1427.7\% | 0.2208 | 155 |
| 2063 | 551,083 | 8,558,001 | 1552.9\% | 0.2127 | 131 |
| 2064 | 457,049 | 7,678,646 | 1680.0\% | 0.2049 | 111 |
| 2065 | 377,533 | 6,863,844 | 1818.1\% | 0.1974 | 94 |
| 2066 | 310,491 | 6,084,235 | 1959.6\% | 0.1902 | 79 |
| 2067 | 254,217 | 5,235,041 | 2059.3\% | 0.1832 | 66 |
| 2068 | 207,215 | 4,449,157 | 2147.1\% | 0.1765 | 55 |
| 2069 | 168,106 | 3,861,532 | 2297.1\% | 0.1701 | 45 |
| 2070 | 135,630 | 3,324,045 | 2450.8\% | 0.1638 | 37 |
| 2071 | 108,780 | 2,812,555 | 2585.6\% | 0.1578 | 30 |
| 2072 | 86,700 | 2,337,413 | 2696.0\% | 0.1521 | 24 |
| 2073 | 68,672 | 1,931,056 | 2812.0\% | 0.1465 | 20 |
| 2074 | 54,085 | 1,536,028 | 2840.0\% | 0.1411 | 16 |
| 2075 | 42,345 | 1,204,814 | 2845.2\% | 0.1360 | 12 |
| 2076 | 32,952 | 923,735 | 2803.3\% | 0.1310 | 9 |
| 2077 | 25,480 | 676,070 | 2653.3\% | 0.1262 | 7 |
| 2078 | 19,581 | 495,217 | 2529.1\% | 0.1216 | 6 |
| 2079 | 14,945 | 357,352 | 2391.2\% | 0.1171 | 4 |
| 2080 | 11,321 | 254,853 | 2251.2\% | 0.1128 | 3 |
| 2081 | 8,504 | 183,557 | 2158.5\% | 0.1087 | 2 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 137,649,054 | 9,044,354 | 6.6\% |  |  |
| Future: | 230,535,042 | 326,730,049 | 141.7\% |  |  |
| Lifetime: | 368,184,096 | 335,774,403 | 91.2\% |  |  |

Exhibit 2b: Flex 1 Policy Forms - Nationwide Experience
Limited High BIO With Requested 20.2\% Rate Increase* with MAS
Applicable to Policies Not Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 | 5,029 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 | 48,254 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 | 62,798 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 | 63,824 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 | 62,864 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 | 62,077 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 | 61,401 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 | 60,793 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 | 60,285 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 | 59,825 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 | 59,401 |
| 2022 | 123,400,199 | 29,484,140 | 23.9\% | 0.9815 | 58,102 |
| 2023 | 180,189,474 | 39,602,053 | 22.0\% | 0.9456 | 57,330 |
| 2024 | 212,122,926 | 50,869,419 | 24.0\% | 0.9110 | 56,542 |
| 2025 | 208,515,614 | 62,901,575 | 30.2\% | 0.8776 | 55,694 |
| 2026 | 204,662,966 | 76,058,106 | 37.2\% | 0.8455 | 54,771 |
| 2027 | 200,483,513 | 89,713,899 | 44.7\% | 0.8145 | 53,756 |
| 2028 | 195,923,388 | 104,607,117 | 53.4\% | 0.7847 | 52,636 |
| 2029 | 190,929,649 | 121,288,778 | 63.5\% | 0.7560 | 51,397 |
| 2030 | 185,430,694 | 139,381,074 | 75.2\% | 0.7283 | 50,021 |
| 2031 | 179,419,760 | 158,035,621 | 88.1\% | 0.7017 | 48,503 |
| 2032 | 172,879,250 | 176,239,241 | 101.9\% | 0.6760 | 46,857 |
| 2033 | 165,890,265 | 195,995,714 | 118.1\% | 0.6512 | 45,099 |
| 2034 | 158,518,010 | 217,972,634 | 137.5\% | 0.6274 | 43,235 |
| 2035 | 150,808,597 | 238,450,422 | 158.1\% | 0.6044 | 41,278 |
| 2036 | 142,825,422 | 259,009,361 | 181.3\% | 0.5823 | 39,233 |
| 2037 | 134,596,206 | 279,873,279 | 207.9\% | 0.5610 | 37,104 |
| 2038 | 126,150,212 | 300,320,287 | 238.1\% | 0.5404 | 34,902 |
| 2039 | 117,536,996 | 320,308,830 | 272.5\% | 0.5207 | 32,640 |
| 2040 | 108,822,294 | 334,722,711 | 307.6\% | 0.5016 | 30,339 |
| 2041 | 100,104,393 | 345,095,657 | 344.7\% | 0.4832 | 28,024 |
| 2042 | 91,480,752 | 352,691,278 | 385.5\% | 0.4655 | 25,715 |
| 2043 | 83,017,865 | 356,004,925 | 428.8\% | 0.4485 | 23,430 |
| 2044 | 74,777,878 | 355,064,725 | 474.8\% | 0.4321 | 21,200 |
| 2045 | 66,868,092 | 347,279,580 | 519.4\% | 0.4163 | 19,056 |
| 2046 | 59,385,187 | 336,113,446 | 566.0\% | 0.4010 | 17,020 |
| 2047 | 52,398,467 | 324,520,691 | 619.3\% | 0.3863 | 15,102 |
| 2048 | 45,919,337 | 309,271,775 | 673.5\% | 0.3722 | 13,308 |
| 2049 | 39,950,689 | 290,161,018 | 726.3\% | 0.3586 | 11,645 |
| 2050 | 34,503,313 | 267,902,816 | 776.5\% | 0.3454 | 10,120 |
| 2051 | 29,593,547 | 244,688,422 | 826.8\% | 0.3328 | 8,738 |
| 2052 | 25,219,644 | 223,523,094 | 886.3\% | 0.3206 | 7,497 |
| 2053 | 21,349,233 | 202,948,869 | 950.6\% | 0.3089 | 6,389 |
| 2054 | 17,947,400 | 182,194,110 | 1015.2\% | 0.2976 | 5,408 |
| 2055 | 14,983,802 | 162,271,512 | 1083.0\% | 0.2867 | 4,550 |
| 2056 | 12,430,123 | 143,074,675 | 1151.0\% | 0.2762 | 3,806 |
| 2057 | 10,253,394 | 123,640,515 | 1205.8\% | 0.2661 | 3,167 |
| 2058 | 8,409,940 | 105,523,170 | 1254.7\% | 0.2563 | 2,621 |
| 2059 | 6,858,364 | 90,647,910 | 1321.7\% | 0.2469 | 2,158 |
| 2060 | 5,562,016 | 78,153,365 | 1405.1\% | 0.2379 | 1,768 |
| 2061 | 4,487,074 | 67,221,157 | 1498.1\% | 0.2292 | 1,441 |
| 2062 | 3,601,340 | 57,621,274 | 1600.0\% | 0.2208 | 1,170 |
| 2063 | 2,875,925 | 48,999,358 | 1703.8\% | 0.2127 | 946 |
| 2064 | 2,286,408 | 41,330,593 | 1807.7\% | 0.2049 | 761 |
| 2065 | 1,810,058 | 34,791,200 | 1922.1\% | 0.1974 | 611 |
| 2066 | 1,426,693 | 29,160,683 | 2043.9\% | 0.1902 | 488 |
| 2067 | 1,119,563 | 24,165,865 | 2158.5\% | 0.1832 | 389 |
| 2068 | 874,723 | 19,820,015 | 2265.9\% | 0.1765 | 308 |
| 2069 | 680,584 | 16,417,775 | 2412.3\% | 0.1701 | 244 |
| 2070 | 526,811 | 13,486,089 | 2559.9\% | 0.1638 | 191 |
| 2071 | 405,195 | 10,901,329 | 2690.4\% | 0.1578 | 149 |
| 2072 | 309,300 | 8,801,094 | 2845.5\% | 0.1521 | 116 |
| 2073 | 234,209 | 7,031,218 | 3002.1\% | 0.1465 | 89 |
| 2074 | 175,919 | 5,518,854 | 3137.2\% | 0.1411 | 68 |
| 2075 | 131,113 | 4,294,011 | 3275.1\% | 0.1360 | 51 |
| 2076 | 96,881 | 3,308,851 | 3415.4\% | 0.1310 | 39 |
| 2077 | 70,920 | 2,497,786 | 3522.0\% | 0.1262 | 29 |
| 2078 | 51,449 | 1,811,320 | 3520.6\% | 0.1216 | 21 |
| 2079 | 36,994 | 1,303,888 | 3524.6\% | 0.1171 | 16 |
| 2080 | 26,361 | 934,919 | 3546.7\% | 0.1128 | 11 |
| 2081 | 18,606 | 667,243 | 3586.2\% | 0.1087 | 8 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 1,612,626,252 | 75,998,208 | 4.7\% |  |  |
| Future: | 2,646,790,860 | 3,920,448,608 | 148.1\% |  |  |
| Lifetime: | 4,259,417,112 | 3,996,446,816 | 93.8\% |  |  |

Exhibit 2c: Flex 1 Policy Forms - Nationwide Experience
Limited High BIO With Requested $26.7 \%$ Rate Increase* with MAS
Applicable to Policies Subject to Revised Couple's Discount

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor | Lives |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 | 1 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 | 1,389 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 | 8,365 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 | 9,837 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 | 9,705 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 | 9,558 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 | 9,446 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 | 9,327 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 | 9,242 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 | 9,155 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 | 9,085 |
| 2022 | 20,806,907 | 2,773,201 | 13.3\% | 0.9815 | 8,900 |
| 2023 | 22,351,929 | 3,631,496 | 16.2\% | 0.9456 | 8,787 |
| 2024 | 25,620,072 | 4,774,663 | 18.6\% | 0.9110 | 8,677 |
| 2025 | 25,274,714 | 6,086,476 | 24.1\% | 0.8776 | 8,563 |
| 2026 | 24,906,571 | 7,624,539 | 30.6\% | 0.8455 | 8,438 |
| 2027 | 24,503,595 | 9,360,348 | 38.2\% | 0.8145 | 8,302 |
| 2028 | 24,059,672 | 11,196,268 | 46.5\% | 0.7847 | 8,151 |
| 2029 | 23,568,498 | 13,193,283 | 56.0\% | 0.7560 | 7,984 |
| 2030 | 23,027,771 | 15,456,541 | 67.1\% | 0.7283 | 7,799 |
| 2031 | 22,431,865 | 17,901,513 | 79.8\% | 0.7017 | 7,594 |
| 2032 | 21,774,958 | 20,413,133 | 93.7\% | 0.6760 | 7,369 |
| 2033 | 21,057,115 | 22,893,233 | 108.7\% | 0.6512 | 7,126 |
| 2034 | 20,287,557 | 25,671,867 | 126.5\% | 0.6274 | 6,867 |
| 2035 | 19,471,860 | 28,707,278 | 147.4\% | 0.6044 | 6,592 |
| 2036 | 18,615,421 | 31,817,238 | 170.9\% | 0.5823 | 6,303 |
| 2037 | 17,719,622 | 35,092,963 | 198.0\% | 0.5610 | 6,000 |
| 2038 | 16,787,403 | 38,242,030 | 227.8\% | 0.5404 | 5,683 |
| 2039 | 15,822,317 | 41,340,084 | 261.3\% | 0.5207 | 5,355 |
| 2040 | 14,829,588 | 44,277,999 | 298.6\% | 0.5016 | 5,016 |
| 2041 | 13,816,799 | 46,514,049 | 336.6\% | 0.4832 | 4,672 |
| 2042 | 12,793,762 | 48,315,152 | 377.6\% | 0.4655 | 4,323 |
| 2043 | 11,771,832 | 49,808,790 | 423.1\% | 0.4485 | 3,975 |
| 2044 | 10,757,462 | 50,542,375 | 469.8\% | 0.4321 | 3,628 |
| 2045 | 9,759,649 | 50,448,462 | 516.9\% | 0.4163 | 3,289 |
| 2046 | 8,792,717 | 49,365,334 | 561.4\% | 0.4010 | 2,962 |
| 2047 | 7,868,880 | 47,999,061 | 610.0\% | 0.3863 | 2,649 |
| 2048 | 6,996,766 | 46,674,532 | 667.1\% | 0.3722 | 2,354 |
| 2049 | 6,178,150 | 44,715,836 | 723.8\% | 0.3586 | 2,076 |
| 2050 | 5,415,503 | 42,104,907 | 777.5\% | 0.3454 | 1,817 |
| 2051 | 4,712,196 | 38,845,161 | 824.4\% | 0.3328 | 1,579 |
| 2052 | 4,071,510 | 35,475,364 | 871.3\% | 0.3206 | 1,363 |
| 2053 | 3,494,878 | 32,482,563 | 929.4\% | 0.3089 | 1,169 |
| 2054 | 2,978,943 | 29,511,677 | 990.7\% | 0.2976 | 994 |
| 2055 | 2,520,728 | 26,556,800 | 1053.5\% | 0.2867 | 840 |
| 2056 | 2,117,841 | 23,738,187 | 1120.9\% | 0.2762 | 705 |
| 2057 | 1,767,865 | 20,936,835 | 1184.3\% | 0.2661 | 588 |
| 2058 | 1,467,162 | 18,081,559 | 1232.4\% | 0.2563 | 488 |
| 2059 | 1,210,198 | 15,440,652 | 1275.9\% | 0.2469 | 402 |
| 2060 | 992,150 | 13,283,083 | 1338.8\% | 0.2379 | 329 |
| 2061 | 808,620 | 11,457,396 | 1416.9\% | 0.2292 | 268 |
| 2062 | 655,379 | 9,812,456 | 1497.2\% | 0.2208 | 217 |
| 2063 | 528,296 | 8,354,621 | 1581.4\% | 0.2127 | 175 |
| 2064 | 423,623 | 7,046,067 | 1663.3\% | 0.2049 | 141 |
| 2065 | 338,165 | 5,899,930 | 1744.7\% | 0.1974 | 112 |
| 2066 | 268,762 | 4,943,640 | 1839.4\% | 0.1902 | 89 |
| 2067 | 212,605 | 4,116,389 | 1936.2\% | 0.1832 | 71 |
| 2068 | 167,462 | 3,381,303 | 2019.1\% | 0.1765 | 56 |
| 2069 | 131,366 | 2,765,466 | 2105.2\% | 0.1701 | 44 |
| 2070 | 102,627 | 2,264,900 | 2206.9\% | 0.1638 | 34 |
| 2071 | 79,763 | 1,830,507 | 2294.9\% | 0.1578 | 27 |
| 2072 | 61,596 | 1,468,022 | 2383.3\% | 0.1521 | 20 |
| 2073 | 47,215 | 1,172,932 | 2484.3\% | 0.1465 | 16 |
| 2074 | 35,921 | 935,620 | 2604.6\% | 0.1411 | 12 |
| 2075 | 27,140 | 735,879 | 2711.5\% | 0.1360 | 9 |
| 2076 | 20,361 | 572,979 | 2814.1\% | 0.1310 | 7 |
| 2077 | 15,139 | 446,473 | 2949.1\% | 0.1262 | 5 |
| 2078 | 11,162 | 336,003 | 3010.3\% | 0.1216 | 4 |
| 2079 | 8,154 | 241,861 | 2966.0\% | 0.1171 | 3 |
| 2080 | 5,908 | 172,790 | 2924.6\% | 0.1128 | 2 |
| 2081 | 4,242 | 123,778 | 2917.8\% | 0.1087 | 1 |
| Accumulated and Present Values as of 12/31/2021 |  |  |  |  |  |
| Past: | 224,188,814 | 6,435,742 | 2.9\% |  |  |
| Future: | 343,971,713 | 521,635,993 | 151.7\% |  |  |
| Lifetime: | 568,160,527 | 528,071,735 | 92.9\% |  |  |

Company Name and NAIC Number:

SERFF Tracking Number:

| Genworth Life Insurance Company /70025 |
| :--- |
| GEFA-133451445 |

## Revised Rates

Average Annual Premium Per Member:

Average Requested Percentage Rate Change Per Member:

Range of Requested Rate Changes:

Number of Virginia Policyholders Affected:

| $\$ 2,992$ after rate increase |
| :--- |
| $22.2 \%$ |
| $0 \%-60.4 \%$ |
| 3,420 |


| Form Number | Product Name | Issue Dates | Prior Rate Increases Date and Percentage Approved | Outlook for Future Rate Increases |
| :---: | :---: | :---: | :---: | :---: |
| 7052 VA | Flex 1 | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { RP10 VA } \end{aligned}$ | 10 Year Refund of Premium on Death Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { GRP VA } \end{aligned}$ | Graded Refund of Premium on Death Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { RB } \end{aligned}$ | Restoration Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 END-TB | Transition Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { END- } \\ & \text { INF } \end{aligned}$ | International Nursing Facility Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 END-IC | International Coverage Benefit Endorsement | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { RP10 VA } \end{aligned}$ | 10 Year Refund of Premium on Death Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { GRP VA } \end{aligned}$ | Graded Refund of Premium on Death | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { RB } \end{aligned}$ | Restoration Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 RDR-TB | Transition Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { NFO VA } \end{aligned}$ | Nonforfeiture Benefit | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { SC } \end{aligned}$ | Shared Coverage Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & 7052 \text { RDR- } \\ & \text { SURV10 VA } \end{aligned}$ | 10 Year Survivorship Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| 7052 RDRESURV VA | Enhanced Survivorship Benefit Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & \text { 7052RDR- } \\ & \text { LP65 VA } \end{aligned}$ | To Age 65 Premium Payment Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |
| $\begin{aligned} & \text { 7052RDR- } \\ & \text { LP10 VA } \end{aligned}$ | 10 Year Premium Payment Rider | April 2012 - July 2014 | 58\%-4/1/2022 | Yes |

Attach a narrative to summarize the key information used to develop the rates including the main drivers for the revised rates.
This document is prepared by the carrier to help explain the requested rate change and is only a summary of the company's request. It is not intended to describe or include all factors or information considered in the review process. For more detailed information, please refer to the complete filing at https://www.scc.virginia.gov/boi/SERFFInquiry/default.aspx.

## Key Information Used to Develop the Rates Including the Main Drivers

From the time these policy forms were originally priced, GLIC has monitored and analyzed the impact of its experience on the anticipated performance of the product. As new experience has emerged, GLIC has observed that it continued to unfold unfavorably and assumptions and methodologies have been adjusted to that effect. The direct effect of the worsening experience has been the need to increase the reserves supporting the product as well as the need to perform rate actions on the product.

The key drivers in the worsening experience are a combination of significantly higher than anticipated claims volumes combined with an increase in the average cost associated with the claims. The increase costs for the claims are driven by both the claims being longer and the cost of the care received being higher than originally anticipated. Premiums are being raised on all policies issued under these policy forms to offset the higher anticipated claims. This premium increase is designed to offset some of the anticipated increased costs, ensuring adequate funding to pay current and anticipated future claims, and in no way reflects on the integrity of an individual's policy, nor is it based on an individual's claims history, age, health status, or any other personal factor.

As required, we have filed our request for this premium increase with the Virginia Bureau of Insurance and included the necessary actuarial data and other items requested by the Virginia Bureau of Insurance to support the increase.

April 4, 2024
Virginia Bureau of Insurance
RE: Genworth Life Insurance Company (GLIC)
Company NAIC No: 70025
SERFF Tracking No: GEFA-133451445
Policy Forms7052VA, 7052 END-RP10 VA, 7052 END-GRP VA, 7052 END-RB, 7052
END-TB, 7052 END-INF, 7052 END-IC, 7052 RDR-RP10 VA, 7052 RDR-GRP VA, 7052 RDR-RB, 7052 RDR-TB, 7052 RDR-NFO VA, 7052 RDR-SC, 7052 RDR-
SURV10 VA, 7052 RDR-ESURV VA, 7052RDR-LP65 VA, 7052RDR-LP10 VA

The referenced filing is a Long-Term Care (LTC) rate schedule change request submitted for your review and applies to the referenced policy forms.

In this filing, GLIC is requesting a premium rate increase according to the table below, on the above-mentioned policy forms. In the submitted actuarial memorandum, we include detailed rate increase justification and we demonstrate that this premium rate increase satisfies Long Term Care regulatory requirements of Virginia and the Rate Stability regulation.

| Product | Benefit <br> Period | Benefit Increase <br> Option (BIO)* | Updated Rate <br> Increase Requests | Original Rate <br> Increase Requests |
| :---: | :---: | :---: | :---: | :---: |
| Flex 1 (CO) <br> Policies not subject <br> to Couples Discount | Lifetime | High BIO | $60.4 \%$ | $132 \%$ |
| Flex 1 (CO) <br> Policies not subject <br> to Couples Discount | Limited | High BIO | $20.2 \%$ | $86 \%$ |
| Flex 1 (LD) <br> Policies subject to <br> Couples Discount | Limited | High BIO | $26.7 \%$ | $94.8 \%$ |

*High BIO does not include policies without BIO or 1\% BIO.
GLIC will offer insureds affected by the premium increase several alternative options to change their benefits in order to maintain a premium rate level reasonably similar to what they were paying prior to the rate increase. The benefit and rate combinations are consistent with the rate tables approved by the Department. Details on the available alternative options are presented in section 6 of the Actuarial Memorandum.

## Genworth㴶

The following electronic items are included in this submission:

- This Cover Letter
- Confidential Actuarial Memorandum
- Sample Policyholder Notification Letter
- Additional Exhibits
- NAIC Checklist
- VA Long-Term-Care-Rate-Revision-Checklist 20221021
- Long Term Care Insurance Rate Request Summary
- Alternative Options Supplemental Documents
- Current and Proposed Rate Schedules

Any applicable fees will be submitted as an EFT payment via SERFF.

The contact person for this filing is:
Matthew Haladay, FSA, MAAA
Assistant Vice President \& Actuary
Genworth Life Insurance Company
6620 W Broad St
Richmond, VA 23230
Phone: (804) 484-3826
Matthew.Haladay@genworth.com
Thank you for your assistance in reviewing this filing.

Respectfully,


Pamela C. Asbury

Vice President, LTC Inforce Management
Genworth Life Insurance Company
Genworth Life Insurance Company of New York




| Individual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | 5\% Simple BıO | 3\% Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65, 5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 76.20 | 118.99 | 123.00 | 136.89 | 148.99 | 155.88 | 160.92 |
| 26 | 77.18 | 120.73 | 124.43 | 137.76 | 150.26 | 157.42 | 162.68 |
| 27 | 78.15 | 122.45 | 125.85 | 138.63 | 151.52 | 158.96 | 164.41 |
| 28 | 79.13 | 124.19 | 127.28 | 139.48 | 152.77 | 160.50 | 166.17 |
| 29 | 80.09 | 125.91 | 128.71 | 140.35 | 154.03 | 162.04 | 167.91 |
| 30 | 81.07 | 127.65 | 130.13 | 141.22 | 155.30 | 163.58 | 169.66 |
| 31 | 82.03 | 129.39 | 131.23 | 142.03 | 156.53 | 165.11 | 171.40 |
| 32 | 83.01 | 131.11 | 132.33 | 142.82 | 157.75 | 166.64 | 173.15 |
| 33 | 83.98 | 132.85 | 133.43 | 143.62 | 158.98 | 168.16 | 174.89 |
| 34 | 84.96 | 134.57 | 134.52 | 144.41 | 160.20 | 169.69 | 176.64 |
| 35 | 85.92 | 136.31 | 135.63 | 145.22 | 161.43 | 171.22 | 178.38 |
| 36 | 86.96 | 137.51 | 136.18 | 147.10 | 162.88 | 172.62 | 180.09 |
| 37 | 88.01 | 138.72 | 136.73 | 148.98 | 164.32 | 174.01 | 181.79 |
| 38 | 89.03 | 139.92 | 137.27 | 150.86 | 165.77 | 175.38 | 183.50 |
| 39 | 90.08 | 141.14 | 137.82 | 152.74 | 167.21 | 176.77 | 185.21 |
| 40 | 91.12 | 142.34 | 138.38 | 154.62 | 168.67 | 178.16 | 186.91 |
| 41 | 91.45 | 142.44 | 138.41 | 155.31 | 168.79 | 178.32 | 187.15 |
| 42 | 91.77 | 142.52 | 138.42 | 156.01 | 168.92 | 178.48 | 187.39 |
| 43 | 92.10 | 142.61 | 138.46 | 156.69 | 169.06 | 178.63 | 187.64 |
| 44 | 92.41 | 142.69 | 138.47 | 157.38 | 169.19 | 178.79 | 187.88 |
| 45 | 92.75 | 142.78 | 138.50 | 158.08 | 169.31 | 178.95 | 188.11 |
| 46 | 92.89 | 143.15 | 138.80 | 161.00 | 171.41 | 181.21 | 190.96 |
| 47 | 93.05 | 143.51 | 139.10 | 163.93 | 173.52 | 183.47 | 193.79 |
| 48 | 93.19 | 143.89 | 139.42 | 166.83 | 175.62 | 185.73 | 196.63 |
| 49 | 93.35 | 144.25 | 139.72 | 169.76 | 177.72 | 187.99 | 199.46 |
| 50 | 93.49 | 144.62 | 140.02 | 172.68 | 179.82 | 190.25 | 202.30 |
| 51 | 94.44 | 145.45 | 141.38 | 174.10 | 180.09 | 190.74 | 203.30 |
| 52 | 95.38 | 146.29 | 142.75 | 175.51 | 180.34 | 191.21 | 204.29 |
| 53 | 96.35 | 147.11 | 144.11 | 176.93 | 180.61 | 191.70 | 205.27 |
| 54 | 97.30 | 147.95 | 145.49 | 178.33 | 180.86 | 192.18 | 206.27 |
| 55 | 98.24 | 148.79 | 146.85 | 179.76 | 181.13 | 192.67 | 207.26 |
| 56 | 104.36 | 159.74 | 156.48 | 187.72 | 183.75 | 199.35 | 215.62 |
| 57 | 110.49 | 170.69 | 166.12 | 195.68 | 186.38 | 206.03 | 223.98 |
| 58 | 116.60 | 181.65 | 175.74 | 203.66 | 189.00 | 212.73 | 232.35 |
| 59 | 122.73 | 192.60 | 185.38 | 211.63 | 191.62 | 219.41 | 240.71 |
| 60 | 128.85 | 203.55 | 195.02 | 219.59 | 194.25 | 226.10 | 249.07 |
| 61 | 139.04 | 219.90 | 209.13 | 237.00 | 206.96 | 237.93 | 267.68 |
| 62 | 149.23 | 236.24 | 223.25 | 254.40 | 219.70 | 249.77 | 286.30 |
| 63 | 159.41 | 252.59 | 237.36 | 271.81 | 232.42 | 261.62 | 304.89 |
| 64 | 169.60 | 268.93 | 251.49 | 289.20 | 245.15 | 273.45 | 323.51 |
| 65 | 179.79 | 285.28 | 265.60 | 306.61 | 257.87 | 285.28 | 342.12 |
| 66 | 208.64 | 320.46 | 298.37 | 343.02 | 288.68 | 320.46 | 381.00 |
| 67 | 237.51 | 355.64 | 331.14 | 379.44 | 319.51 | 355.64 | 419.87 |
| 68 | 266.36 | 390.81 | 363.91 | 415.84 | 350.32 | 390.81 | 458.75 |
| 69 | 295.22 | 426.00 | 396.67 | 452.26 | 381.14 | 426.00 | 497.62 |
| 70 | 324.07 | 461.17 | 429.44 | 488.66 | 411.95 | 461.17 | 536.50 |
| 71 | 376.51 | 525.26 | 489.55 | 556.37 | 466.68 | 525.26 | 608.00 |
| 72 | 428.95 | 589.34 | 549.65 | 624.07 | 521.43 | 589.34 | 679.48 |
| 73 | 481.39 | 653.41 | 609.75 | 691.79 | 576.16 | 653.41 | 750.97 |
| 74 | 533.83 | 717.49 | 669.86 | 759.49 | 630.91 | 717.49 | 822.45 |
| 75 | 586.27 | 781.58 | 729.96 | 827.19 | 685.64 | 781.58 | 893.95 |
| 76 | 680.36 | 893.51 | 835.80 | 939.69 | 785.07 | 893.51 | 1,015.53 |
| 77 | 774.47 | 1,005.43 | 941.66 | 1,052.19 | 884.50 | 1,005.43 | 1,137.09 |
| 78 | 868.56 | 1,117.34 | 1,047.51 | 1,164.68 | 983.91 | 1,117.34 | 1,258.68 |
| 79 | 962.66 | 1,229.27 | 1,153.37 | 1,277.18 | 1,083.34 | 1,229.27 | 1,380.24 |
| 80 | 1,056.75 | 1,341.20 | 1,259.21 | 1,389.67 | 1,182.77 | 1,341.20 | 1,501.82 |
| 81 | 1,153.37 | 1,463.13 | 1,373.68 | 1,511.27 | 1,290.29 | 1,463.13 | 1,633.23 |
| 82 | 1,249.99 | 1,585.06 | 1,488.15 | 1,632.88 | 1,397.81 | 1,585.06 | 1,764.64 |
| 83 | 1,346.62 | 1,706.97 | 1,602.63 | 1,754.48 | 1,505.35 | 1,706.97 | 1,896.06 |
| 84 | 1,443.24 | 1,828.90 | 1,717.10 | 1,876.09 | 1,612.86 | 1,828.90 | 2,027.47 |
| 85 | 1,539.85 | 1,950.83 | 1,831.57 | 1,997.69 | 1,720.38 | 1,950.83 | 2,158.88 |
| 86 | 1,714.96 | 2,162.17 | 2,029.98 | 2,223.52 | 1,906.76 | 2,162.17 | 2,402.93 |
| 87 | 1,890.09 | 2,373.51 | 2,228.40 | 2,449.33 | 2,093.14 | 2,373.51 | 2,646.97 |
| 88 | 2,065.20 | 2,584.85 | 2,426.83 | 2,675.16 | 2,279.50 | 2,584.85 | 2,891.02 |
| 89 | 2,240.33 | 2,796.19 | 2,625.25 | 2,900.97 | 2,465.87 | 2,796.19 | 3,135.07 |
| 90 | 2,415.44 | 3,007.53 | 2,823.67 | 3,126.80 | 2,652.25 | 3,007.53 | 3,379.11 |
| 91 | 2,641.89 | 3,322.50 | 3,119.39 | 3,430.80 | 2,930.03 | 3,322.50 | 3,707.64 |
| 92 | 2,868.35 | 3,637.49 | 3,415.12 | 3,734.80 | 3,207.81 | 3,637.49 | 4,036.17 |
| 93 | 3,094.79 | 3,952.46 | 3,710.85 | 4,038.80 | 3,485.57 | 3,952.46 | 4,364.69 |
| 94 | 3,321.24 | 4,267.44 | 4,006.58 | 4,342.79 | 3,763.35 | 4,267.44 | 4,693.22 |


| Individual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 5\% Simple BıO | 3\% Compound BıO | 4\% Compound BıO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 88.92 | 135.99 | 142.42 | 158.49 | 172.47 | 180.48 | 186.33 |
| 26 | 89.78 | 138.58 | 143.78 | 159.17 | 173.58 | 181.89 | 187.96 |
| 27 | 90.64 | 141.16 | 145.12 | 159.85 | 174.68 | 183.30 | 189.58 |
| 28 | 91.50 | 143.75 | 146.48 | 160.54 | 175.78 | 184.70 | 191.23 |
| 29 | 92.37 | 146.32 | 147.82 | 161.22 | 176.88 | 186.11 | 192.85 |
| 30 | 93.22 | 148.92 | 149.18 | 161.90 | 177.99 | 187.51 | 194.48 |
| 31 | 94.22 | 149.71 | 150.16 | 162.53 | 179.08 | 188.94 | 196.13 |
| 32 | 95.21 | 150.48 | 151.16 | 163.15 | 180.17 | 190.36 | 197.77 |
| 33 | 96.21 | 151.27 | 152.14 | 163.78 | 181.27 | 191.78 | 199.41 |
| 34 | 97.20 | 152.04 | 153.13 | 164.40 | 182.36 | 193.20 | 201.06 |
| 35 | 98.20 | 152.83 | 154.11 | 165.03 | 183.45 | 194.62 | 202.70 |
| 36 | 99.16 | 154.63 | 154.92 | 167.54 | 185.22 | 196.46 | 205.10 |
| 37 | 100.12 | 156.44 | 155.74 | 170.06 | 186.99 | 198.31 | 207.52 |
| 38 | 101.07 | 158.24 | 156.55 | 172.58 | 188.75 | 200.14 | 209.92 |
| 39 | 102.04 | 160.04 | 157.37 | 175.10 | 190.52 | 201.99 | 212.34 |
| 40 | 103.00 | 161.84 | 158.17 | 177.61 | 192.29 | 203.82 | 214.74 |
| 41 | 103.43 | 162.00 | 158.28 | 178.32 | 192.74 | 204.06 | 214.90 |
| 42 | 103.87 | 162.16 | 158.40 | 179.03 | 193.19 | 204.29 | 215.05 |
| 43 | 104.30 | 162.31 | 158.49 | 179.73 | 193.64 | 204.55 | 215.23 |
| 44 | 104.74 | 162.47 | 158.60 | 180.44 | 194.09 | 204.78 | 215.39 |
| 45 | 105.16 | 162.63 | 158.71 | 181.15 | 194.55 | 205.02 | 215.54 |
| 46 | 105.35 | 162.79 | 159.03 | 182.71 | 194.99 | 205.65 | 216.71 |
| 47 | 105.54 | 162.95 | 159.36 | 184.29 | 195.45 | 206.28 | 217.88 |
| 48 | 105.72 | 163.10 | 159.67 | 185.86 | 195.89 | 206.92 | 219.05 |
| 49 | 105.91 | 163.26 | 160.01 | 187.44 | 196.35 | 207.55 | 220.22 |
| 50 | 106.10 | 163.42 | 160.32 | 189.00 | 196.79 | 208.18 | 221.39 |
| 51 | 106.71 | 164.84 | 160.78 | 191.01 | 197.53 | 209.21 | 223.00 |
| 52 | 107.33 | 166.26 | 161.24 | 193.00 | 198.27 | 210.23 | 224.61 |
| 53 | 107.95 | 167.70 | 161.68 | 195.00 | 199.03 | 211.28 | 226.24 |
| 54 | 108.56 | 169.12 | 162.14 | 196.99 | 199.78 | 212.30 | 227.85 |
| 55 | 109.18 | 170.55 | 162.60 | 199.00 | 200.52 | 213.33 | 229.46 |
| 56 | 117.30 | 182.76 | 175.21 | 210.01 | 205.37 | 222.99 | 241.22 |
| 57 | 125.40 | 194.97 | 187.83 | 221.04 | 210.22 | 232.64 | 252.97 |
| 58 | 133.53 | 207.19 | 200.44 | 232.05 | 215.07 | 242.31 | 264.71 |
| 59 | 141.63 | 219.40 | 213.06 | 243.08 | 219.92 | 251.96 | 276.47 |
| 60 | 149.75 | 231.61 | 225.67 | 254.10 | 224.77 | 261.62 | 288.22 |
| 61 | 160.59 | 248.68 | 242.70 | 275.05 | 240.18 | 272.68 | 310.64 |
| 62 | 171.45 | 265.74 | 259.72 | 295.98 | 25.58 | 283.75 | 333.06 |
| 63 | 182.28 | 282.82 | 276.75 | 316.93 | 270.97 | 294.81 | 355.50 |
| 64 | 193.14 | 299.88 | 293.77 | 337.87 | 286.38 | 305.89 | 377.92 |
| 65 | 203.98 | 316.95 | 310.80 | 358.82 | 301.78 | 316.95 | 400.34 |
| 66 | 237.92 | 357.41 | 347.74 | 399.83 | 336.49 | 357.41 | 444.07 |
| 67 | 271.85 | 397.88 | 384.68 | 440.84 | 371.21 | 397.88 | 487.81 |
| 68 | 305.78 | 438.34 | 421.62 | 481.85 | 405.90 | 438.34 | 531.56 |
| 69 | 339.72 | 478.80 | 458.56 | 522.85 | 440.61 | 478.80 | 575.29 |
| 70 | 373.65 | 519.27 | 495.50 | 563.87 | 475.33 | 519.27 | 619.03 |
| 71 | 430.64 | 594.59 | 561.42 | 638.08 | 535.26 | 594.59 | 697.30 |
| 72 | 487.64 | 669.92 | 627.34 | 712.30 | 595.19 | 669.92 | 775.57 |
| 73 | 544.63 | 745.24 | 693.24 | 786.52 | 655.13 | 745.24 | 853.85 |
| 74 | 601.62 | 820.57 | 759.16 | 860.74 | 715.06 | 820.57 | 932.12 |
| 75 | 658.61 | 895.89 | 825.08 | 934.95 | 774.99 | 895.89 | 1,010.39 |
| 76 | 752.59 | 1,011.12 | 932.06 | 1,048.12 | 875.48 | 1,011.12 | 1,132.70 |
| 77 | 846.55 | 1,126.35 | 1,039.04 | 1,161.32 | 975.95 | 1,126.35 | 1,255.03 |
| 78 | 940.53 | 1,241.58 | 1,146.01 | 1,274.49 | 1,076.44 | 1,241.58 | 1,377.33 |
| 79 | 1,034.49 | 1,356.81 | 1,252.99 | 1,387.68 | 1,176.91 | 1,356.81 | 1,499.66 |
| 80 | 1,128.47 | 1,472.04 | 1,359.97 | 1,500.86 | 1,277.40 | 1,472.04 | 1,621.96 |
| 81 | 1,232.48 | 1,605.96 | 1,484.24 | 1,632.90 | 1,394.13 | 1,605.96 | 1,764.65 |
| 82 | 1,336.49 | 1,739.86 | 1,608.52 | 1,764.92 | 1,510.86 | 1,739.86 | 1,907.34 |
| 83 | 1,440.49 | 1,873.79 | 1,732.79 | 1,896.96 | 1,627.61 | 1,873.79 | 2,050.05 |
| 84 | 1,544.50 | 2,007.69 | 1,857.07 | 2,028.99 | 1,744.34 | 2,007.69 | 2,192.74 |
| 85 | 1,648.51 | 2,141.61 | 1,981.34 | 2,161.03 | 1,861.07 | 2,141.61 | 2,335.43 |
| 86 | 1,836.29 | 2,373.93 | 2,195.41 | 2,404.68 | 2,062.14 | 2,373.93 | 2,598.75 |
| 87 | 2,024.07 | 2,606.26 | 2,409.48 | 2,648.33 | 2,263.22 | 2,606.26 | 2,862.06 |
| 88 | 2,211.86 | 2,838.58 | 2,623.56 | 2,892.00 | 2,464.29 | 2,838.58 | 3,125.38 |
| 89 | 2,399.64 | 3,070.90 | 2,837.63 | 3,135.65 | 2,665.38 | 3,070.90 | 3,388.69 |
| 90 | 2,587.42 | 3,303.23 | 3,051.71 | 3,379.30 | 2,866.45 | 3,303.23 | 3,652.01 |
| 91 | 2,829.53 | 3,648.52 | 3,371.29 | 3,707.82 | 3,166.62 | 3,648.52 | 4,007.04 |
| 92 | 3,071.63 | 3,993.80 | 3,690.86 | 4,036.33 | 3,466.80 | 3,993.80 | 4,362.05 |
| 93 | 3,313.72 | 4,339.09 | 4,010.45 | 4,364.84 | 3,766.97 | 4,339.09 | 4,717.07 |
| 94 | 3,555.82 | 4,684.37 | 4,330.02 | 4,693.36 | 4,067.14 | 4,684.37 | 5.072 .08 |






Annual Premium per $\$ 10$ Daily Benefi

| Individual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BıO | 5\% Simple BıO | $3 \%$ Compound BıO | 4\% Compound BIO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 23.23 | 37.90 | 39.17 | 43.44 | 47.28 | 49.46 | 51.06 |
| 26 | 23.65 | 38.41 | 39.59 | 43.67 | 47.64 | 49.90 | 51.57 |
| 27 | 24.07 | 38.92 | 40.00 | 43.92 | 48.00 | 50.36 | 52.09 |
| 28 | 24.49 | 39.43 | 40.41 | 44.16 | 48.36 | 50.81 | 52.60 |
| 29 | 24.91 | 39.94 | 40.82 | 44.40 | 48.72 | 51.26 | 53.12 |
| 30 | 25.33 | 40.45 | 41.24 | 44.64 | 49.08 | 51.71 | 53.63 |
| 31 | 25.75 | 40.96 | 41.55 | 44.86 | 49.43 | 52.15 | 54.14 |
| 32 | 26.16 | 41.48 | 41.86 | 45.07 | 49.78 | 52.59 | 54.65 |
| 33 | 26.58 | 41.98 | 42.17 | 45.30 | 50.14 | 53.04 | 55.16 |
| 34 | 26.99 | 42.49 | 42.48 | 45.51 | 50.49 | 53.48 | 55.67 |
| 35 | 27.41 | 43.00 | 42.79 | 45.73 | 50.84 | 53.92 | 56.18 |
| 36 | 27.72 | 43.42 | 43.00 | 46.39 | 51.37 | 54.44 | 56.80 |
| 37 | 28.02 | 43.83 | 43.21 | 47.05 | 51.91 | 54.95 | 57.42 |
| 38 | 28.33 | 44.25 | 43.41 | 47.71 | 52.43 | 55.47 | 58.04 |
| 39 | 28.63 | 44.67 | 43.62 | 48.38 | 52.96 | 55.98 | 58.66 |
| 40 | 28.94 | 45.09 | 43.83 | 49.04 | 53.49 | 56.50 | 59.28 |
| 41 | 29.02 | 45.15 | 43.88 | 49.32 | 53.61 | 56.57 | 59.43 |
| 42 | 29.10 | 45.21 | 43.92 | 49.61 | 53.72 | 56.64 | 59.58 |
| 43 | 29.18 | 45.28 | 43.95 | 49.90 | 53.83 | 56.71 | 59.75 |
| 44 | 29.26 | 45.35 | 44.00 | 50.18 | 53.94 | 56.78 | 59.90 |
| 45 | 29.34 | 45.41 | 44.04 | 50.47 | 54.05 | 56.85 | 60.05 |
| 46 | 29.62 | 45.50 | 44.11 | 50.92 | 54.22 | 57.10 | 60.39 |
| 47 | 29.92 | 45.59 | 44.18 | 51.37 | 54.38 | 57.34 | 60.73 |
| 48 | 30.21 | 45.68 | 44.26 | 51.81 | 54.54 | 57.58 | 61.07 |
| 49 | 30.50 | 45.77 | 44.33 | 52.26 | 54.71 | 57.82 | 61.40 |
| 50 | 30.79 | 45.86 | 44.41 | 52.70 | 54.87 | 58.07 | 61.74 |
| 51 | 31.00 | 45.94 | 44.66 | 53.69 | 55.34 | 58.81 | 62.69 |
| 52 | 31.22 | 46.03 | 44.91 | 54.68 | 55.81 | 59.55 | 63.63 |
| 53 | 31.43 | 46.10 | 45.16 | 55.67 | 56.29 | 60.30 | 64.58 |
| 54 | 31.65 | 46.19 | 45.42 | 56.66 | 56.76 | 61.04 | 65.52 |
| 55 | 31.86 | 46.26 | 45.67 | 57.65 | 57.23 | 61.78 | 66.47 |
| 56 | 34.12 | 49.97 | 48.96 | 59.37 | 58.16 | 63.08 | 68.21 |
| 57 | 36.37 | 53.69 | 52.25 | 61.10 | 59.08 | 64.37 | 69.95 |
| 58 | 38.62 | 57.40 | 55.53 | 62.83 | 60.01 | 65.66 | 71.69 |
| 59 | 40.87 | 61.12 | 58.82 | 64.55 | 60.94 | 66.95 | 73.44 |
| 60 | 43.12 | 64.83 | 62.11 | 66.28 | 61.87 | 68.24 | 75.18 |
| 61 | 47.19 | 69.74 | 66.33 | 72.33 | 65.65 | 72.47 | 81.68 |
| 62 | 51.26 | 74.66 | 70.56 | 78.38 | 69.44 | 76.70 | 88.19 |
| 63 | 55.34 | 79.56 | 74.78 | 84.43 | 73.23 | 80.93 | 94.68 |
| 64 | 59.40 | 84.48 | 79.01 | 90.48 | 77.02 | 85.16 | 101.19 |
| 65 | 63.48 | 89.39 | 83.23 | 96.52 | 80.81 | 89.39 | 107.69 |
| 66 | 72.32 | 99.90 | 93.02 | 106.67 | 90.01 | 99.90 | 118.48 |
| 67 | 81.17 | 110.41 | 102.81 | 116.81 | 99.20 | 110.41 | 129.28 |
| 68 | 90.01 | 120.92 | 112.60 | 126.96 | 108.40 | 120.92 | 140.06 |
| 69 | 98.85 | 131.43 | 122.39 | 137.10 | 117.59 | 131.43 | 150.86 |
| 70 | 107.70 | 141.94 | 132.17 | 147.25 | 126.79 | 141.94 | 161.65 |
| 71 | 123.07 | 161.22 | 150.26 | 167.57 | 143.25 | 161.22 | 183.11 |
| 72 | 138.45 | 180.50 | 168.34 | 187.90 | 159.71 | 180.50 | 204.58 |
| 73 | 153.83 | 199.77 | 186.42 | 208.24 | 176.16 | 199.77 | 226.04 |
| 74 | 169.20 | 219.04 | 204.51 | 228.56 | 192.62 | 219.04 | 247.51 |
| 75 | 184.57 | 238.32 | 222.59 | 248.89 | 209.08 | 238.32 | 268.98 |
| 76 | 212.25 | 269.30 | 251.91 | 278.76 | 236.61 | 269.30 | 301.25 |
| 77 | 239.94 | 300.29 | 281.23 | 308.62 | 264.16 | 300.29 | ${ }^{333.53}$ |
| 78 | 267.63 | 331.26 | 310.55 | 338.49 | 291.70 | 331.26 | 365.81 |
| 79 | 295.32 | 362.24 | 339.86 | 368.35 | 319.24 | 362.24 | 398.08 |
| 80 | 323.00 | 393.23 | 369.19 | 398.22 | 346.78 | 393.23 | 430.36 |
| 81 | 352.53 | 428.97 | 402.75 | 433.07 | 378.31 | 428.97 | 468.02 |
| 82 | 382.06 | 464.72 | 436.32 | 467.92 | 409.83 | 464.72 | 505.67 |
| 83 | 411.59 | 500.47 | 469.88 | 502.76 | 441.36 | 500.47 | 543.33 |
| 84 | 441.12 | 536.22 | 503.44 | 537.61 | 472.88 | 536.22 | 580.99 |
| 85 | 470.65 | 571.97 | 537.01 | 572.45 | 504.41 | 571.97 | 618.65 |
| 86 | 524.18 | 633.93 | 595.18 | 637.16 | 559.05 | 633.93 | 688.58 |
| 87 | 577.70 | 695.90 | 653.36 | 701.88 | 613.70 | 695.90 | 758.51 |
| 88 | 631.23 | 757.86 | 711.53 | 766.58 | 668.34 | 757.86 | 828.44 |
| 89 | 684.75 | 819.83 | 769.71 | 831.30 | 722.99 | 819.83 | 898.38 |
| 90 | 738.28 | 881.79 | 827.88 | 896.01 | 777.63 | 881.79 | 968.31 |
| 91 | 807.50 | 974.14 | 914.59 | 983.12 | 859.07 | 974.14 | 1,062.45 |
| 92 | 876.72 | 1,066.49 | 1,001.29 | 1,070.24 | 940.51 | 1,066.49 | 1,156.60 |
| 93 | 945.92 | 1,158.84 | 1,088.00 | 1,157.35 | 1,021.95 | 1,158.84 | 1,250.73 |
| 94 | 1,015.14 | 1,251.18 | 1,174.70 | 1,244.46 | 1,103.39 | 1,251.18 | 1,344.88 |




| Individual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | 5\% Simple BIO | $3 \%$ Compound BIO | 4\% Compound BIO | Graded | 5\% Compound to 65,5\% Equal | 5\% Compound BIO |
| Age | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP | 90 EP |
| 18-25 | 48.23 | 75.31 | 77.85 | 86.64 | 94.30 | 98.66 | 101.85 |
| 26 | 48.85 | 76.41 | 78.75 | 87.19 | 95.10 | 99.63 | 102.96 |
| 27 | 49.46 | 77.50 | 79.65 | 87.74 | 95.90 | 100.61 | 104.06 |
| 28 | 50.08 | 78.60 | 80.56 | 88.28 | 96.69 | 101.58 | 105.17 |
| 29 | 50.69 | 79.69 | 81.46 | 88.83 | 97.49 | 102.56 | 106.27 |
| 30 | 51.31 | 80.79 | 82.36 | 89.38 | 98.29 | 103.53 | 107.38 |
| 31 | 51.92 | 81.89 | 83.06 | 89.89 | 99.07 | 104.50 | 108.48 |
| 32 | 52.54 | 82.98 | 83.75 | 90.39 | 99.84 | 105.47 | 109.59 |
| 33 | 53.15 | 84.08 | 84.45 | 90.90 | 100.62 | 106.43 | 110.69 |
| 34 | 53.77 | 85.17 | 85.14 | 91.40 | 101.39 | 107.40 | 111.80 |
| 35 | 54.38 | 86.27 | 85.84 | 91.91 | 102.17 | 108.37 | 112.90 |
| 36 | 55.04 | 87.03 | 86.19 | 93.10 | 103.09 | 109.25 | 113.98 |
| 37 | 55.70 | 87.80 | 86.54 | 94.29 | 104.00 | 110.13 | 115.06 |
| 38 | 56.35 | 88.56 | 86.88 | 95.48 | 104.92 | 111.00 | 116.14 |
| 39 | 57.01 | 89.33 | 87.23 | 96.67 | 105.83 | 111.88 | 117.22 |
| 40 | 57.67 | 90.09 | 87.58 | 97.86 | 106.75 | 112.76 | 118.30 |
| 41 | 57.88 | 90.15 | 87.60 | 98.30 | 106.83 | 112.86 | 118.45 |
| 42 | 58.08 | 90.20 | 87.61 | 98.74 | 106.91 | 112.96 | 118.60 |
| 43 | 58.29 | 90.26 | 87.63 | 99.17 | 107.00 | 113.06 | 118.76 |
| 44 | 58.49 | 90.31 | 87.64 | 99.61 | 107.08 | 113.16 | 118.91 |
| 45 | 58.70 | 90.37 | 87.66 | 100.05 | 107.16 | 113.26 | 119.06 |
| 46 | 58.79 | 90.60 | 87.85 | 101.90 | 108.49 | 114.69 | 120.86 |
| 47 | 58.89 | 90.83 | 88.04 | 103.75 | 109.82 | 116.12 | 122.65 |
| 48 | 58.98 | 91.07 | 88.24 | 105.59 | 111.15 | 117.55 | 124.45 |
| 49 | 59.08 | 91.30 | 88.43 | 107.44 | 112.48 | 118.98 | 126.24 |
| 50 | 59.17 | 91.53 | 88.62 | 109.29 | 113.81 | 120.41 | 128.04 |
| 51 | 59.77 | 92.06 | 89.48 | 110.19 | 113.98 | 120.72 | 128.67 |
| 52 | 60.37 | 92.59 | 90.35 | 111.08 | 114.14 | 121.02 | 129.30 |
| 53 | 60.98 | 93.11 | 91.21 | 111.98 | 114.31 | 121.33 | 129.92 |
| 54 | 61.58 | 93.64 | 92.08 | 112.87 | 114.47 | 121.63 | 130.55 |
| 55 | 62.18 | 94.17 | 92.94 | 113.77 | 114.64 | 121.94 | 131.18 |
| 56 | 66.05 | 101.10 | 99.04 | 118.81 | 116.30 | 126.17 | 136.47 |
| 57 | 69.93 | 108.03 | 105.14 | 123.85 | 117.96 | 130.40 | 141.76 |
| 58 | 73.80 | 114.97 | 111.23 | 128.90 | 119.62 | 134.64 | 147.06 |
| 59 | 77.68 | 121.90 | 117.33 | 133.94 | 121.28 | 138.87 | 152.35 |
| 60 | 81.55 | 128.83 | 123.43 | 138.98 | 122.94 | 143.10 | 157.64 |
| 61 | 88.00 | 139.18 | 132.36 | 150.00 | 130.99 | 150.59 | 169.42 |
| 62 | 94.45 | 149.52 | 141.30 | 161.01 | 139.05 | 158.08 | 181.20 |
| 63 | 100.89 | 159.87 | 150.23 | 172.03 | 147.10 | 165.58 | 192.97 |
| 64 | 107.34 | 170.21 | 159.17 | 183.04 | 155.16 | 173.07 | 204.75 |
| 65 | 113.79 | 180.56 | 168.10 | 194.06 | 163.21 | 180.56 | 216.53 |
| 66 | 132.05 | 202.82 | 188.84 | 217.10 | 182.71 | 202.82 | 241.14 |
| 67 | 150.32 | 225.09 | 209.58 | 240.15 | 202.22 | 225.09 | 265.74 |
| 68 | 168.58 | 247.35 | 230.32 | 263.19 | 221.72 | 247.35 | 290.35 |
| 69 | 186.85 | 269.62 | 251.06 | 286.24 | 241.23 | 269.62 | 314.95 |
| 70 | 205.11 | 291.88 | 271.80 | 309.28 | 260.73 | 291.88 | 339.56 |
| 71 | 238.30 | 332.44 | 309.84 | 352.13 | 295.37 | 332.44 | 384.81 |
| 72 | 271.49 | 373.00 | 347.88 | 394.98 | 330.02 | 373.00 | 430.05 |
| 73 | 304.68 | 413.55 | 385.92 | 437.84 | 364.66 | 413.55 | 475.30 |
| 74 | 337.87 | 454.11 | 423.96 | 480.69 | 399.31 | 454.11 | 520.54 |
| 75 | 371.06 | 494.67 | 462.00 | 523.54 | 433.95 | 494.67 | 565.79 |
| 76 | 430.61 | 565.51 | 528.99 | 594.74 | 496.88 | 565.51 | 642.74 |
| 77 | 490.17 | 636.35 | 595.99 | 665.94 | 559.81 | 636.35 | 719.68 |
| 78 | 549.72 | 707.18 | 662.98 | 737.14 | 622.73 | 707.18 | 796.63 |
| 79 | 609.28 | 778.02 | 729.98 | 808.34 | 685.66 | 778.02 | 873.57 |
| 80 | 668.83 | 848.86 | 796.97 | 879.54 | 748.59 | 848.86 | 950.52 |
| 81 | 729.98 | 926.03 | 869.42 | 956.50 | 816.64 | 926.03 | 1,033.69 |
| 82 | 791.13 | 1,003.20 | 941.87 | 1,033.47 | 884.69 | 1,003.20 | 1,116.86 |
| 83 | 852.29 | 1,080.36 | 1,014.32 | 1,110.43 | 952.75 | 1,080.36 | 1,200.04 |
| 84 | 913.44 | 1,157.53 | 1,086.77 | 1,187.40 | 1,020.80 | 1,157.53 | 1,283.21 |
| 85 | 974.59 | 1,234.70 | 1,159.22 | 1,264.36 | 1,088.85 | 1,234.70 | 1,366.38 |
| 86 | 1,085.42 | 1,368.46 | 1,284.80 | 1,407.29 | 1,206.81 | 1,368.46 | 1,520.84 |
| 87 | 1,196.26 | 1,502.22 | 1,410.38 | 1,550.21 | 1,324.77 | 1,502.22 | 1,675.30 |
| 88 | 1,307.09 | 1,635.98 | 1,535.97 | 1,693.14 | 1,442.72 | 1,635.98 | 1,829.76 |
| 89 | 1,417.93 | 1,769.74 | 1,661.55 | 1,836.06 | 1,560.68 | 1,769.74 | 1,984.22 |
| 90 | 1,528.76 | 1,903.50 | 1,787.13 | 1,978.99 | 1,678.64 | 1,903.50 | 2,138.68 |
| 91 | 1,672.08 | 2,102.85 | 1,974.30 | 2,171.39 | 1,854.45 | 2,102.85 | 2,346.61 |
| 92 | 1,815.41 | 2,302.21 | 2,161.47 | 2,363.80 | 2,030.26 | 2,302.21 | 2,554.54 |
| 93 | 1,958.73 | 2,501.56 | 2,348.64 | 2,556.20 | 2,206.06 | 2,501.56 | 2,762.46 |
| 94 | 2,102.05 | 2,700.91 | 2,535.81 | 2,748.60 | 2,381.87 | 2,700.91 | 2,970.39 |





| Age | No BIO 90 EP | $\begin{aligned} & 5 \% \text { Simple BIO } \\ & 90 \text { EP } \end{aligned}$ | Individual <br> $3650 \times$ Daily Maximum |  | Graded <br> 90 EP | 5\% Compound to 65, 5\% Equal <br> 90 EP | $5 \%$ Compound BIO 90 EP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3\% Compound BIO 90 EP | 4\% Compound BIO 90 EP |  |  |  |
|  |  |  |  |  |  |  |  |
| 18-25 | 70.05 | 111.69 | 114.62 | 122.90 | 133.70 | 139.87 | 144.43 |
| 26 | 71.24 | 113.31 | 115.59 | 123.49 | 134.63 | 141.05 | 145.77 |
| 27 | 72.44 | 114.93 | 116.57 | 124.07 | 135.56 | 142.22 | 147.12 |
| 28 | 73.63 | 116.55 | 117.54 | 124.66 | 136.49 | 143.40 | 148.46 |
| 29 | 74.83 | 118.17 | 118.52 | 125.24 | 137.42 | 144.57 | 149.81 |
| 30 | 76.02 | 119.79 | 119.49 | 125.83 | 138.35 | 145.75 | 151.15 |
| 31 | 76.74 | 120.93 | 120.57 | 126.78 | 139.72 | 147.39 | 153.01 |
| 32 | 77.46 | 122.07 | 121.65 | 127.73 | 141.08 | 149.04 | 154.87 |
| 33 | 78.18 | 123.22 | 122.72 | 128.69 | 142.45 | 150.68 | 156.73 |
| 34 | 78.90 | 124.36 | 123.80 | 129.64 | 143.81 | 152.33 | 158.59 |
| 35 | 79.62 | 125.50 | 124.88 | 130.59 | 145.18 | 153.97 | 160.45 |
| 36 | 80.09 | 126.24 | 125.22 | 132.38 | 146.28 | 155.33 | 162.09 |
| 37 | 80.55 | 126.98 | 125.56 | 134.16 | 147.38 | 156.69 | 163.74 |
| 38 | 81.02 | 127.71 | 125.89 | 135.95 | 148.47 | 158.04 | 165.38 |
| 39 | 81.48 | 128.45 | 126.23 | 137.73 | 149.57 | 159.40 | 167.03 |
| 40 | 81.95 | 129.19 | 126.57 | 139.52 | 150.67 | 160.76 | 168.67 |
| 41 | 82.22 | 129.27 | 126.76 | 140.06 | 151.00 | 160.97 | 168.78 |
| 42 | 82.49 | 129.35 | 126.95 | 140.60 | 151.33 | 161.18 | 168.90 |
| 43 | 82.76 | 129.44 | 127.14 | 141.13 | 151.67 | 161.40 | 169.01 |
| 44 | 83.03 | 129.52 | 127.33 | 141.67 | 152.00 | 161.61 | 169.13 |
| 45 | 83.30 | 129.60 | 127.52 | 142.21 | 152.33 | 161.82 | 169.24 |
| 46 | 83.48 | 129.99 | 127.70 | 143.18 | 152.49 | 161.86 | 169.85 |
| 47 | 83.66 | 130.39 | 127.87 | 144.15 | 152.66 | 161.90 | 170.46 |
| 48 | 83.83 | 130.78 | 128.05 | 145.12 | 152.82 | 161.95 | 171.08 |
| 49 | 84.01 | 131.18 | 128.22 | 146.09 | 152.99 | 161.99 | 171.69 |
| 50 | 84.19 | 131.57 | 128.40 | 147.06 | 153.15 | 162.03 | 172.30 |
| 51 | 84.47 | 134.05 | 131.08 | 148.11 | 153.66 | 162.28 | 172.96 |
| 52 | 84.76 | 136.53 | 133.75 | 149.16 | 154.18 | 162.53 | 173.62 |
| 53 | 85.04 | 139.00 | 136.43 | 150.22 | 154.69 | 162.77 | 174.29 |
| 54 | 85.33 | 141.48 | 139.10 | 151.27 | 155.21 | 163.02 | 174.95 |
| 55 | 85.61 | 143.96 | 141.78 | 152.32 | 155.72 | 163.27 | 175.61 |
| 56 | 90.97 | 153.98 | 150.33 | 161.43 | 161.34 | 171.36 | 185.37 |
| 57 | 96.33 | 164.00 | 158.89 | 170.54 | 166.96 | 179.45 | 195.14 |
| 58 | 101.68 | 174.03 | 167.44 | 179.64 | 172.57 | 187.55 | 204.90 |
| 59 | 107.04 | 184.05 | 176.00 | 188.75 | 178.19 | 195.64 | 214.67 |
| 60 | 112.40 | 194.07 | 184.55 | 197.86 | 183.81 | 203.73 | 224.43 |
| 61 | 122.99 | 206.64 | 195.57 | 214.84 | 193.59 | 214.37 | 242.65 |
| 62 | 133.58 | 219.21 | 206.60 | 231.83 | 203.37 | 225.00 | 260.86 |
| 63 | 144.17 | 231.77 | 217.62 | 248.81 | 213.14 | 235.64 | 279.08 |
| 64 | 154.76 | 244.34 | 228.65 | 265.80 | 222.92 | 246.27 | 297.29 |
| 65 | 165.35 | 256.91 | 239.67 | 282.78 | 232.70 | 256.91 | 315.51 |
| 66 | 191.33 | 289.43 | 270.02 | 316.09 | 261.26 | 289.43 | 351.07 |
| 67 | 217.30 | 321.95 | 300.37 | 349.39 | 289.81 | 321.95 | 386.63 |
| 68 | 243.28 | 354.46 | 330.73 | 382.70 | 318.37 | 354.46 | 422.18 |
| 69 | 269.25 | 386.98 | 361.08 | 416.00 | 346.92 | 386.98 | 457.74 |
| 70 | 295.23 | 419.50 | 391.43 | 449.31 | 375.48 | 419.50 | 493.30 |
| 71 | 339.10 | 480.33 | 448.67 | 508.68 | 427.68 | 480.33 | 555.74 |
| 72 | 382.96 | 541.16 | 505.91 | 568.05 | 479.89 | 541.16 | 618.18 |
| 73 | 426.83 | 601.98 | 563.16 | 627.43 | 532.09 | 601.98 | 680.61 |
| 74 | 470.69 | 662.81 | 620.40 | 686.80 | 584.30 | 662.81 | 743.05 |
| 75 | 514.56 | 723.64 | 677.64 | 746.17 | 636.50 | 723.64 | 805.49 |
| 76 | 591.30 | 818.34 | 766.92 | 835.71 | 720.36 | 818.34 | 902.16 |
| 77 | 668.03 | 913.04 | 856.20 | 925.25 | 804.23 | 913.04 | 998.83 |
| 78 | 744.77 | 1,007.74 | 945.48 | 1,014.79 | 888.09 | 1,007.74 | 1,095.51 |
| 79 | 821.50 | 1,102.44 | 1,034.76 | 1,104.33 | 971.96 | 1,102.44 | 1,192.18 |
| 80 | 898.24 | 1,197.14 | 1,124.04 | 1,193.87 | 1,055.82 | 1,197.14 | 1,288.85 |
| 81 | 980.18 | 1,305.55 | 1,226.22 | 1,298.33 | 1,151.80 | 1,305.55 | 1,401.61 |
| 82 | 1,062.12 | 1,413.97 | 1,328.40 | 1,402.79 | 1,247.77 | 1,413.97 | 1,514.37 |
| 83 | 1,144.06 | 1,522.38 | 1,430.57 | 1,507.26 | 1,343.75 | 1,522.38 | 1,627.14 |
| 84 | 1,226.00 | 1,630.80 | 1,532.75 | 1,611.72 | 1,439.72 | 1,630.80 | 1,739.90 |
| 85 | 1,307.94 | 1,739.21 | 1,634.93 | 1,716.18 | 1,535.70 | 1,739.21 | 1,852.66 |
| 86 | 1,457.42 | 1,928.31 | 1,811.76 | 1,910.18 | 1,701.79 | 1,928.31 | 2,061.76 |
| 87 | 1,606.90 | 2,117.41 | 1,988.60 | 2,104.19 | 1,867.88 | 2,117.41 | 2,270.86 |
| 88 | 1,756.39 | 2,306.50 | 2,165.43 | 2,298.19 | 2,033.98 | 2,306.50 | 2,479.97 |
| 89 | 1,905.87 | 2,495.60 | 2,342.27 | 2,492.20 | 2,200.07 | 2,495.60 | 2,689.07 |
| 90 | 2,055.35 | 2,684.70 | 2,519.10 | 2,686.20 | 2,366.16 | 2,684.70 | 2,898.17 |
| 91 | 2,247.69 | 2,965.12 | 2,782.79 | 2,947.36 | 2,613.85 | 2,965.12 | 3,179.79 |
| 92 | 2,440.02 | 3,245.55 | 3,046.49 | 3,208.52 | 2,861.54 | 3,245.55 | 3,461.40 |
| 93 | 2,632.36 | 3,525.97 | 3,310.18 | 3,469.67 | 3,109.23 | 3,525.97 | 3,743.02 |
| 94 | 2,824.69 | 3,806.39 | 3,573.87 | 3,730.83 | 3,356.92 | 3,806.39 | 4,024.63 |



RE: 165224Flex VA 10/01/22 - Premium Increase Notice Cover Letter 165224CRBFlex VA 10/01/22 - Considerations Related to Your Benefits 165226Flex VA 10/01/22 - Coverage Options
165239Flex VA 10/01/22 - Important Information Regarding This Premium Increase
165224NQFlex VA 10/01/22 - Premium Change Notice Cover Letter (for policyholders on waiver)
Forms 165224Flex VA, 165224CRBFlex VA, 165226Flex VA, 165239Flex VA make up the policyholder communication packet for policyholders not on waiver.

Policyholders on waiver or otherwise not eligible for system-generated quotes will receive Forms 165224NQFlex VA and 165239Flex VA.

## Language that appears in the document contained in this filing may vary as described herein.

For all documents, information contained in brackets is intended to vary, either in accordance with the following general guidelines, or within the specific parameters stated below for the document containing variable language.

## GENERAL GUIDELINES

We may vary the names and/or titles of officers that appear on any of the documents. We may vary the company logo, barcodes, address and telephone numbers, website, financial strength ratings and business hours for the company to accommodate changes.

Individual information, such as names, policy and policy form numbers, descriptions of coverage, coverage limits, amounts and timeframes, premium amounts, page numbers ( $[\mathrm{n}]$ is the page number and [ m ] is the total number of pages in the form) and dates etc., including bracketed [ ] information will be completed with information applicable to the specific insured within the parameters contemplated by our rate filing.

## 165224Flex VA 10/01/22 - Premium Increase Cover Letter

- In the box on the upper right side of the page, the number " 3 ", as well as option 3 will appear if a "Stop paying premiums" option is available. A " 2 " will appear if there is not a "Stop paying premiums" option available. The following applicable language will print if an option is available:
- Stop paying premium by electing the Contingent Benefit Upon Lapse
- Stop paying premium by electing Contingent Nonforfeiture Benefit
- Stop paying premium by electing the Optional Limited Benefit
- Stop paying premium by exercising your Nonforfeiture Benefit
- The date shown beneath "Premium Increase Notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- If there is no longer an agent on the policy the "Agent" section will not print.
- In the first sentence of the second paragraph:
- The policyholder's current mode [annually] will be displayed after the ending premium amount; the options are annually, semi-annually, quarterly or monthly.
- The date [Mmmm dd, yyyy] will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.
- Depending on the rate increase approved, if the Company has plans for future rate increases, policyholders will see the language, "as well as plans for future increases" in the second paragraph.
- In the postscript, the words "- you will be billed separately" will print if the policyholder is not on Electronic Funds Transfer (EFT).
- The list of enclosures will include an endorsement for the Optional Limited Benefit (form 158271) or for the Contingent Benefit Upon Lapse (form 134613VA), if applicable.


## 165224CRBFlex VA 10/01/22 - Considerations Related to Your Benefits

- This form only prints when quotes are provided.
- If a policyholder has a Partnership policy, the Partnership loss warning will print.
- In section "2. Change your policy's benefits to lower your premium";
- If multiple quotes are available on the Coverage Options page (165226Flex VA), the following sentence will print: "The coverage options outlined on the following page illustrate how you can adjust your coverage while maintaining meaningful benefits within your budget."
- If a quote is available that maintains the pre-rate increase premium amount, then the following sentence will print: 'We have included an option that keeps you near your pre-rate increase premium amount."
- If the policyholder currently has the Waiver of Home Care Elimination Period benefit, the following will print: "As you consider ways to reduce your premium, you may want to review the need for retaining optional benefits included in your policy. You can call our Customer Service Team to discuss optional coverage, the benefits provided, and the impact on your premium. For example, your policy includes a Waiver of Home Care Elimination Period benefit, removing this option reduces your premium and changes your coverage to no longer include a zero day Elimination Period for Home Care."
- GLIC includes information about claims experience, this information will be updated annually to reflect more recent experience. We will change the claims age range and "as of" date as appropriate.
- The "Online tools available" section will print when the Coverage Needs Estimator is available.
- In the "Important" section, "and within the Coverage Needs Estimator" will print when the Coverage Needs Estimator is available.
- In section "3. Stop paying premiums and receive a Limited Benefit";
- If the available option is the Optional Limited Benefit, the words "less any claims paid" will appear.
- If the available option is the Optional Limited Benefit or the Contingent Benefit Upon Lapse, the last sentence will read "Please refer to the Coverage Options page, Important Information Regarding This Premium Increase, and enclosed endorsement for additional details.", otherwise it will read "Please refer to the Coverage Options page, and Important Information Regarding This Premium Increase for additional details."
- In the "Some information to consider as you evaluate reducing your benefits" section;
- [Monthly] variability includes either daily or monthly, and [month] includes day or month.
- If the policyholder is eligible for Future Purchase Options, then the following sentence will print: "Your policy includes a Future Purchase Option. Amounts shown do not reflect increases that may occur as a result of your election of future purchases, therefore [monthly] maximum benefit and premium amounts may vary."
- If a Shared Coverage Rider is applicable, the following section will print: "Shared Coverage/Benefit Rider. Under the terms of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies."


## 165226Flex VA 10/01/22 - Coverage Options

- This Coverage Options page will be included in premium increase notices where quoted options are available for benefit reduction.


## STATEMENT OF VARIABILITY

- The "Date of notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- The policyholder's current mode will be displayed after the premium amount in the sections titled "Premium before increase" and "Increased premium". Options are annually, semi-annually, quarterly or monthly.
- When available, individual policyholders will see the website and "Register/log-in to view and select the coverage choices shown below online at genworth.com".
- The median cost of care is shown based on data for the Policyholder's zip code. For each category of possible long-term care services (In Home Care, Assisted Living, and Nursing Home), the median monthly cost for that service will be displayed in this section based on Genworth's most recent cost of care study. The study details can be found at www.genworth.com/costofcare.
- The range of values for the median monthly cost of care in Virginia, as reported in the Genworth 2021 Cost of Care Study, are as follows:
- In Home Care: $\$ 4,185.00-\$ 6,292.00$
- Assisted Living: $\$ 4,625.00-\$ 5,925.00$
- Nursing Home: $\$ 7,635.00-\$ 11,604.00$
- In the section titled "Your options:"
- The maximum benefit shown will reflect Monthly or Daily, depending on how the policyholder's benefits are calculated.
- The description of the premium mode will be Annual, Semi-Annual, Quarterly or Monthly based on the policyholder's current mode and premiums displayed for each alternative will be in the applicable mode.
- In the section " 1 " titled "Keep current coverage":
- The date will reflect the Policyholder's billing anniversary date, the effective date of the rate increase.
- The range of values for the benefit categories are as follows:
- Benefit period: 2, 3, 4, 5, 6, 8, 10 years or Unlimited
- Inflation protection: None, Compound 3\%, Compound 4, Compound 5\%, Simple 5\%, Graded $2 \%$, Graded 3\%, Graded 5\%, Adjusted 5\%
- Elimination period: $0,30,90$ or 180
- In the section " 2 " titled "Change your policy's benefits to lower your premiums":
- The language will vary based on the number of alternatives available:
- "the alternative below is" or
- "the alternatives below are"
- If a Shared Coverage Rider is applicable, the following sentence will print: "Under the terms for coverage of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies."
- The "A" in "Alternative $A$ " will print when there is more than one option in this section.
- Alternative B will print if there is a $2^{\text {nd }}$ option and Alternative C will print if there is a $3^{\text {rd }}$ option in this section.
- Options that can appear in each benefit category are as follows:
- Daily maximum benefit: $\$ 50$ - no defined max; Monthly maximum benefit: $\$ 1,500$ - no defined max
- Benefit period: 1, 2, 3, 4, 5, 6, 8, 10 year and Unlimited
- Inflation protection: None, Compound 3\%, Compound 4, Compound 5\%, Simple 5\%, Graded $2 \%$, Graded 3\%, Graded 5\%, Adjusted 5\%
- Elimination period: 0,90 days
- Covered Percentage: $80 \%, 100 \%$
- For section " 3 " titled "Stop paying premiums":
- If the policyholder does not qualify for Optional Limited Benefit, Nonforfeiture Benefit Rider, Contingent Nonforfeiture Benefit or Contingent Benefit Upon Lapse, the "Stop paying premiums" section does not appear.

If an option to stop paying premiums is available, the following language will appear "You may choose to elect a paid up reduced policy benefit and stop paying premiums. IMPORTANT:
Selecting this option would greatly reduce the total amount of benefits available to pay for care."

- In the box displaying the value of the Paid up policy benefit, [\$99,999.99], the appropriate paid up option will print. Options are Optional Limited Benefit, Contingent Benefit Upon Lapse, Contingent Nonforfeiture Benefit or Non-Forfeiture rider.
- If an option would result in Partnership loss, ** will print next to the premium amount and the Partnership loss acknowledgement will print beneath the chart.
- In the paragraph beginning with "Other options may be available";
- If the policyholder is eligible for Future Purchase Options, then the following sentence will print: "These amounts do not reflect increases that may occur as a result of your election of a Future Purchase Option. As a result, maximum benefit and premium amounts may vary."
- The date will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.
- In the paragraph beginning with "You do not need to return this form...";
- The words "or elect online" will also appear if available.
- The date will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.


## 165239Flex VA 10/01/22 - Important Information Regarding This Premium Increase

- If a quote is included, then the following language will print "Once you've decided, fill out the enclosed Coverage Options page and return it to us. If you are registered on genworth.com, you can log into your account to select one of the coverage options described in this notice." The second sentence referencing selecting the coverage via the website will print when functionality is available.
- In the "Policy is Guaranteed Renewable and Subject to Future Premium Increases" section
- Based on the rate increase approved and the Company's plans for future rate increases either "possible" will print which means no further increases are planned at this time or "likely" will print which means additional rate filings will be pursued
- If future rate increases are planned to be pursued, policyholders will see the following language. "Please be aware that, as of [MM/YYYY], we planned to request at least [ $999 \%$ ] in additional rate increases on your policy and policies like yours issued in Virginia. The actual increases we seek may be higher or more numerous than the plans described above." The date will be the date the approved rate increase began implementation and the percentage will reflect the current plans for future rate increase requests.
- For policyholders not receiving a Coverage Options page, under the "Benefits" section, the following language will not print; "The benefit values presented in the accompanying letter are approximate due to rounding."
- In the "Considerations related to related to reducing your benefits" section
- "daily" or "monthly" will print based on the policyholder's benefit type.
- If a policyholder has a Partnership policy, then the following language will print: "If you have a Partnership policy, reducing your coverage may result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection."
- If the policyholder has a Limited Pay policy, then the following section will print:
- "Paid-up feature Your policy has a limited number of premium payments required to become paid-up. That means if you pay all required premiums as they become due, this policy will be paid-up and require no future premiums including rate increases. Careful consideration should be given before selecting an option that stops further payments. Our Customer Service Representatives would be happy to discuss this option with you."
- If a policyholder has unlimited/lifetime benefits, the section "Moving from unlimited lifetime benefits to limited benefits" will print if a higher rate increase amount is approved for policies with a lifetime benefit versus those with a limited benefit.
- If a policyholder has a benefit increase option greater than $1 \%$, the section "Removing or reducing inflation protection" will print if a higher rate increase amount is approved for policies with inflation protection greater than $1 \%$ versus those with $1 \%$ or no inflation protection. The language will vary depending on whether the $1 \%$ benefit increase submitted with this filing is approved:
- If the $1 \%$ benefit increase is available, the paragraph will read "The rate increase percentage for policyholders with larger inflation protection is higher than the rate increase for policies with $1 \%$ inflation protection or those without inflation protection. An election to remove your inflation protection option or reduce to $1 \%$ compound inflation would likely result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy."
- If the $1 \%$ benefit increase is not available, the paragraph will read "The rate increase percentage for policyholders with inflation protection is higher than the rate increase for policies without inflation protection. An election to remove your inflation protection option would result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy."
- In the "Reducing Covered Percentage" section, [monthly] will reflect how the policyholder's benefits are calculated, "monthly" or "daily".
- The section "Stop paying premiums and receive a Limited Benefit" will print if the policyholder qualifies for Optional Limited Benefit, Contingent Benefit Upon Lapse, Contingent Nonforfeiture Benefit or has a Nonforfeiture Benefit Rider. The language will appear as follows for each of those options:
- "You may elect an Optional Limited Benefit. As a result of this premium increase, we are offering an Optional Limited Benefit. This endorsement allows you to elect a limited paid-up long term care insurance benefit and no future premium will be required. This benefit is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This benefit provides a paid-up benefit with total coverage equal to the total premium paid, excluding waived premium, less any claims paid. A policy lapse or cancellation at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Optional Limited Benefit Endorsement for more detailed information prior to making this election."
"You may exercise the Nonforfeiture Benefit Rider. Your policy includes the Nonforfeiture Benefit Rider which you may elect to exercise at any time. This Rider allows you to have a paid-up long term care insurance benefit as described in the Rider and no future premiums will be required.

Please note: This rider could significantly reduce the policy benefits. Please review the Nonforfeiture Benefit Rider in your policy for more detailed information prior to making this election."
"You may elect the Contingent Benefit Upon Lapse. If you would like to stop paying premiums on your policy you can elect the Contingent Benefit Upon Lapse. Your new Shortened Benefit Period coverage maximum will be either the maximum amount in effect at the time of lapse for one month (30 days) under the Nursing Facility Benefit or equal to the total premiums you have paid on your policy excluding waived premium, whichever is greater. In no event will the paid up value exceed the maximum benefits which would be payable if the policy remained in a premium paying status. Please refer to the enclosed endorsement for additional details regarding this benefit. Please note: This Endorsement could significantly reduce the policy benefits. Please review the Contingent Benefit Upon Lapse Endorsement for more detailed information prior to making this election."

- "You may elect the Contingent Nonforfeiture Benefit. Your policy has a limited number of premium payments to become paid-up (see Paid-up feature above). If you would like to stop paying premiums now instead of continuing to pay premiums and waiting for the policy to become Paid-up, you may be eligible for a Contingent Nonforfeiture Benefit. [Other paid up options may be available to you; however, the Reduced Benefits Plan provides the highest coverage maximum as of the date of the quote and is shown as the "Pay nothing more" option on the enclosed Coverage Options form. JPlease call Customer Service for information on any paidup option available to you.

The Reduced Benefits Plan will reduce the remaining Coverage Maximum and/or other benefits. The reductions will be based in part on the number of completed premium payments. There will be no reduction in Your Coverage Maximum if it is "Unlimited". Please refer to the [To Age 65 Premium Payment] Rider for additional details regarding this benefit.

Please note: This Contingent Nonforfeiture Benefit could significantly reduce the policy benefits. Please carefully review the enclosed information and your policy for more detailed information prior to making this election. "

- If the Coverage Options page, 165226 Flex VA, is included this sentence will print; "Other paid up options may be available to you; however, the Reduced Benefits Plan provides the highest coverage maximum as of the date of the quote and is shown as the "Pay nothing more" option on the enclosed Coverage Options form."
- The variable options for the Rider are " 10 Year Premium Payment" and "To Age 65 Premium Payment".
- In the "About Genworth Life Insurance Company (Genworth)" section, the language would update to reflect a change in Genworth's financial strength rating to include the appropriate definition/description of the revised rating.


## 165224NQFlex VA 10/01/22 - Premium Change Notice Cover Letter (for policyholders on waiver or otherwise not eligible for system-generated quotes)

- The date shown beneath "Premium change notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- If there is no longer an agent on the policy the "Agent" section will not print.
- Policyholders on claim/waiver will see the language shown below:
"Your premium is currently being waived because you are receiving long term care insurance benefits under the policy. Therefore, the information contained in this premium change notice will not impact you until you are no longer receiving benefits and your premiums are no longer waived.
This letter is to inform you that the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] [annually] beginning on [Mmmm dd, yyyy]. This represents a [999.999\%] rate increase in the premiums for your policy. You will receive a notice regarding payment of the new premium once you are no longer receiving benefits and are required to continue paying premiums. Please note that this increase is not due to a change in your health, age, or claims history."
- The policyholder's current mode [annually] will be displayed after the ending premium amount; the options are annually, semi-annually, quarterly or monthly.
- The date is the next billing anniversary or increase effective date.
- Policyholders not on claim/waiver will see the language shown below:
"This letter is to inform you that, as a result of higher expected policyholder claims costs than anticipated when we originally priced your policy, the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] [annually] beginning on your next billing anniversary date, [ Mmmm dd, yyyy]. This represents a [999.999\%] rate increase in the premiums for your policy. Please note that this increase is not due to a change in your health, age, or claims history."
- These policyholders may have reduced benefit options available to them but require special handling by our customer service representatives to provide quotes.
- The policyholder's current mode [annually] will be displayed after the ending premium amount; the options are annually, semi-annually, quarterly or monthly.
- The date is the next billing anniversary or increase effective date.
- Policyholders on claim/waiver will see the following language and if future rate increases are planned to be pursued the phrase ", as well as plans for future increases" will also print as indicated:
"Given this change, please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. When you are no longer receiving benefits, you may have several choices to adjust your coverage to meet your needs."


## STATEMENT OF VARIABILITY

- Policyholders not on claim/waiver will see the language shown below:
"Given this change, you may have several choices to adjust your coverage to meet your needs. Please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. [These pages also describe a way that you can stop paying premiums and retain a long term care benefit.]"
- These policyholders may have reduced benefit options available to them but require special handling by our Customer Service Representatives to provide quotes.
- If future rate increases are planned to be pursued the phrase ", as well as plans for future increases" will also print as indicated.
- If a non-forfeiture option is available, the sentence "These pages also describe a way that you can stop paying premiums and retain a long term care benefit." will also print as indicated.
- Policyholders who are receiving a direct bill, not on Electronic Funds Transfer, will see the language "- you will be billed separately"
- The list of enclosures will include an endorsement for the Optional Limited Benefit (form 158271) or for the Contingent Benefit Upon Lapse (form 134613VA), if applicable.
- The word "enclosure" will be plural if a non-forfeiture endorsement is included.

We hereby certify the final form issued to the consumer will not contain brackets denoting variable text. The use of variable text will be administered in a uniform and non-discriminatory manner and will not result in unfair discrimination. Only text addressed in this Statement will be allowed to be used on the referenced forms received by consumers.

## For Genworth Life Insurance Company



Pamela C. Asbury, Vice President

## Genworth ${ }^{3 / 3 / 4}$ 。

Genworth Life Insurance Company<br>PO Box 40005<br>Lynchburg, VA 24506

Important Change - Decision Required
JOHN DOE
123 ANY ST
RICHMOND, VA 23221

## The premium on your long term care insurance policy is increasing.

You have 3 options:

1. Keep your current coverage the same and
pay the premium increase
2. Change your policy's benefits to lower your premium

Stop paying premium by electing the Contingent
3. Benefit Upon Lapse

Dear John Doe,
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.

We are writing to let you know that as a result of higher expected claims costs than anticipated when we originally priced your policy, the premium on your current long term care coverage will increase by $26.70 \%$, from $\$ 2,320.40$ to $\$ 2,939.95$ annually, beginning on your next billing anniversary date, August 22, 2024. Please refer to the following pages for more details and other important information about this increase, as well as plans for future increases. Please note that this increase is not specific to you or to any change in your health, age, or claims history.
We appreciate that premium increases can be difficult for our policyholders. The enclosed pages also outline coverage adjustment options to help manage your premium cost while still maintaining important coverage. There may also be additional options available to reduce your premium.
We encourage you to discuss your options with your financial advisor or a member of our Customer Service Team by calling 877710.0817 before making a decision.
For additional information regarding premium increases, please visit genworth.com/tcpremiums.
Sincerely,
Brian K. Haendiges
President and Chief Executive Officer
P.S. This premium increase notice is not a bill - you will be billed separately. Please take time to read the Important Information Regarding This Premium Increase included with this letter.
enclosures: 165224 CRBFlex VA 10/01/22, 165226Flex VA 10/01/22, 165239Flex VA 10/01/22, 134613VA 06/29/16, Envelope

## Long Term Care Insurance

Premium Increase Notice 05/31/24
Genworth Life Insurance Company

## Insured:

John Doe
Policy Number:
ABC7890123
Policy Form:
7052VA

Agent:
Andy Agent
Best Agency
Customer Service:
877710.0817

M-Th: 8:30-6PM ET
F: 9-6 PM ET
Fax: 800876.8220
genworth.com/ltcpremiums

Administrative Office:
3100 Albert Lankford Drive
Lynchburg, VA 24501

## Considerations Related To Your Benefits

Your long term care insurance policy protects you financially should you require care in the future. However, we understand that evolving financial situations combined with increasing premiums may cause you to reevaluate your coverage. On the Coverage Options page that follows, we offer alternatives for keeping coverage in place and within budget.

Options for reducing your benefits and premiums may include, where applicable, one or a combination of the following: reducing your daily/monthly benefit amount, reducing your benefit period, removing any inflation protection/benefit increases, extending your Elimination Period, or dropping any optional rider(s). Please contact our Customer Service Team for additional information and/or quotes by calling 877 710.0817.

## 1. Keep your current coverage and pay the premium increase

The Coverage Options page shows your current benefits and new premium. If you are comfortable with your current coverage, take no action except to pay the increased premium.

## 2. Change your policy's benefits to lower your premium

The coverage options outlined on the following page illustrate how you can adjust your coverage while maintaining meaningful benefits within your budget. We have included an option that keeps you near your pre-rate increase premium amount. Options for reducing benefits and premiums other than those presented in this package may be available.

As you consider ways to reduce your premium, you may want to review the need for retaining optional benefits included in your policy. You can call our Customer Service Team to discuss optional coverage, the benefits provided, and the impact on your premium. For example, your policy includes a Waiver of Home Care Elimination Period benefit, removing this option reduces your premium and changes your coverage to no longer include a zero day Elimination Period for Home Care.

## The following resources are available to help you make a decision regarding your coverage:

Consider Cost of Care. As you think about your options, it may be helpful to consider the cost of long term care services. You can find cost of care information for your area on the Coverage Options page. Additional information you can use to estimate future cost of care is available on genworth.com/costofcare.
Genworth Data. In addition, while a long term care event can begin at any time, Genworth data has shown that many long term care claims begin between ages 80 and 89 . This information is based on many policies and types of long term care policies and is current as of 12/31/22.

Online tools available. To access additional tools and information please register/log-in at genworth.com and go to the 'Coverage \& Care' tab. Featured here is the Coverage Needs Estimator, a personalized online tool that provides comparative information to help you think about:

- The median cost of care services you may require in the future, and
- How your future estimated policy benefits may align with potential care needs

Important: The enclosed cost of care, long term care event, and claims-related figures (and similar information on genworth.com) are medians, averages and approximations. Similarly, future cost of care information available on genworth.com and within the Coverage Needs Estimator is based on estimates and hypothetical assumptions. Keep in mind, your actual experience may be different. Consider various scenarios and your own circumstances when determining what coverage options are best for you.

Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout®, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially inhome care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at CareScout.com/Genworth.

## 3. Stop paying premiums and receive a Limited Benefit

If you do not want to pay further premiums you may have the option of stopping further payments and obtaining a benefit for long term care services approximately equal to the amount of premium paid. Please refer to the Coverage Options page, Important Information Regarding This Premium Increase, and enclosed endorsement for additional details.

## Some information to consider as you evaluate reducing your benefits

Daily maximum benefit is the maximum your policy will pay for any day. You may reduce your daily maximum to lower your premium.
Benefit period/Benefit multiplier. Along with your daily maximum benefit, your benefit period is the period of time that is used to calculate the coverage maximum. Your coverage is based on this coverage maximum, not a certain period of time. If your daily maximum benefit amount and/or the benefit period are reduced, the maximum benefits payable under your policy will automatically be reduced because the policy maximum is a function of the benefit amount and the benefit period.

Coverage Maximum is the combined total amount we will pay as benefits under this policy. The Remaining Coverage Maximum is the Coverage Maximum less any previously paid claims.

Inflation protection/Benefit increases change the amount that your daily maximum benefit increases each year. If you have this benefit and elect to reduce or terminate it, you will have the option to keep your accumulated benefit and your premium will be adjusted accordingly. Your policy includes a Future Purchase Option. Amounts shown do not reflect increases that may occur as a result of your election of future purchases, therefore daily maximum benefit and premium amounts may vary.
Elimination Period is the length of time you must pay out of pocket before you are entitled to benefits under the policy. A longer elimination period may reduce your premium.

Covered Percentage is that portion of Covered Expenses for which Benefits may be payable under the Policy. Consider more affordable coverage by reducing the Covered Percentage from 100\% to $80 \%$. See the enclosed Important Information Regarding This Premium Increase for more information.

Benefit amounts. Changes to your daily maximum benefit and/or inflation protection will change the amount of any future incremental benefit increases and associated original benefit amounts.
Shared Coverage/Benefit Rider. Under the terms of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies.

We encourage you to carefully read the enclosed materials before making a decision.

Genworth桬,
Coverage Options
Page 1 of 2

## Genworth Life Insurance Company

Policyholder: John Doe
Date of notice: 05/31/24
Policy number: ABC7890123
Premium before increase: $\$ 2,320.40$ Annual
Increased premium: \$2,939.95 Annual

Genworth 2023 Cost of Care Study
The approximate daily median cost of care provided in your area (based on 44 hours per week):
In Home Care: $\$ 176.00$
Assisted Living: \$187.00
Nursing Home: $\$ 400.00$

| Your options: | 1. Keep current coverage | 2. Change your policy's benefits to lower your premiums |
| :--- | ---: | ---: | ---: | ---: |
|  | If we don't hear from you by <br> 08/22/24, this $26.700 \%$ rate <br> increase will take effect on your <br> current coverage. | If you are comfortable reducing your benefits, the alternatives below are designed to <br> provide different levels of cost and coverage as you evaluate your current needs. <br> Under the terms for coverage of your Shared Coverage/Benefit Rider, both policies <br> must maintain the same plan, benefit levels, and benefit options while the Shared <br> Coverage/Benefit Rider remains in effect. Any changes to the coverage must be <br> requested for both policies. |

Other options may be available; contact Customer Service at 877710.0817 for additional quotes. Changes to your current coverage are indicated in bold above for comparison. Please read all documents for more information on your options before making your decision. These amounts do not reflect increases that may occur as a result of your election of a Future Purchase Option. As a result, maximum benefit and premium amounts may vary. The options shown are quotes as of 08/22/24 and final values may change.

You do not need to return this form if you are keeping your current coverage. If changing your coverage to one of the options above, please check the blue box to indicate your choice, then sign and return this form by fax or mail in the enclosed envelope or elect online by 08/22/24.

Please see the reverse of this form if you wish to change your coverage

## Coverage Options

Page 2 of 2 Date: 05/31/24

Policyholder: John Doe
Policy number: ABC7890123
Premium before increase: \$3,320.40 Annual

Genworth recommends that you consult with your trusted advisors before making this selection. By signing, you acknowledge your intent to reduce your benefits available to pay for future care and you represent and agree that (1) we are authorized to process the requested change to your policy, (2) the change will not be effective until reflected in a policy amendment we send to you, (3) the benefits and premiums quoted are subject to confirmation and may change, and (4) you have read and understand the information on this form and the enclosed documents, including the Important Information Regarding This Premium Increase.

Policyholder Signature
Date

# Important Information Regarding 

## Genworth <br> This Premium Increase from Genworth Life Insurance Company

Genworth Life<br>Administrative Office: 3100 Albert Lankford Drive Lynchburg, VA 24501

Page 1 of 3

## About this premium increase

It is important to note that this premium increase was reviewed by Virginia's State Corporation Commission and was found to be compliant with applicable Virginia laws and regulations addressing long-term care insurance. All premium rate fillings are available for public inspection and may be accessed online through the Virginia State Corporation Commission's webpage at
https://scc.virginia.gov/boi/SERFFInquiry/LtcFilings.aspx.
This increase is necessary because we expect our claims costs to be higher than we anticipated when we originally priced your policy. The increase applies to policies having benefits similar to those in your policy, which were issued in the same state, on the same policy form, and are considered as part of the same policy class. It is not specific to you or to any change in your age, health, claims history or any other personal factor.

We filed and are implementing this increase in accordance with the laws and regulations of Virginia, where your policy was issued for delivery. States require insurance companies to support rate increase requests with actuarial justification. States also require us to tell you when we raise premiums.

This notice and attachments provide important information about the premium rate increase and your current coverage. They show the percentage increase for your premium rate, which is part of your premium. This rate increase percentage may vary slightly from the actual percentage of your premium increase. These documents also provide information about options that may be available to help you manage your premium cost. Read this information carefully before deciding what to do. Please note that we requested a $95.000 \%$ rate increase and the Virginia State Corporation Commission determined that a rate increase of $26.700 \%$ was allowable under Virginia's regulations. Once you've decided, fill out the enclosed Coverage Options page and return it to us. If you are registered on genworth.com, you can log into your account to select one of the coverage options described in this notice. For information about premium increases, visit genworth.com/ltcpremiums.

## Policy is Guaranteed Renewable and subject to future premium increases

Your long term care insurance coverage is guaranteed renewable, meaning that we cannot cancel or refuse to continue your coverage for any reason. As long as you pay the required premium on time and have not used all your benefits, coverage will continue.

Guaranteed renewable does not mean that premiums are guaranteed to remain the same indefinitely. In accordance with the terms of your policy, we reserve the right to change premiums and it is likely that we will file with the Virginia State Corporation Commission for another premium increase again in the future.

Please be aware that, as of $05 / 2024$, we planned to request at least $66 \%$ in additional rate increases on your policy and policies like yours issued in Virginia. The actual increases we seek may be higher or more numerous than the plans described above. To see more current planned premium rate increase requests you may register or log on to your account at genworth.com and go to the section entitled "I want to" or call our Customer Service Team.

Planned rate increases will take effect only as permitted by the Virginia State Corporation Commission and state law.

## Benefits

The benefit values presented in the accompanying letter are approximate due to rounding. Covered benefits payable at the time of a claim will be calculated in accordance with your policy. Benefits are payable only when you meet the terms and conditions for receiving benefits under your policy.

## Considerations related to reducing your benefits

Maintain Premium Level. You may be able to keep your premium at or about its current level by electing available options that may help minimize the effect of the premium increase, including the following:

- You may choose to reduce your maximum daily benefit, or
- You may choose to adjust your benefit period or elimination period.

Value of coverage reduction options. All of the options available to you as alternatives to paying the full premium increase may not be of equal value. There may be other options for reducing your premium that are not listed above, if you are interested in learning about those options please contact us at 877 710.0817.

The option to reduce benefits is available at any time. In the event of a future rate increase, similar options will be available to you. You also have the right to a revised premium rate or rate schedule.
Benefits paid or payable. If you elect to reduce benefits, any benefits paid or payable are deducted from your reduced Coverage Maximum. If you have previously been on claim, adjusting your elimination period may not be appropriate. Reducing benefits while you are receiving policy benefits is generally not advisable.

## Removing or reducing benefit inflation option

The rate increase percentage for policyholders with a larger benefit increase option is higher than the rate increase for policies with a $1 \%$ benefit increase option or those without a benefit increase option. An election to remove your benefit increase option or reduce to $1 \%$ compound inflation would likely result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Reducing Covered Percentage

The Covered Percentage is the portion of Covered Expenses that may be payable under your policy. You can reduce your premium by reducing your Covered Percentage from $100 \%$ to $80 \%$. If you reduce your Covered Percentage to $80 \%$, the policy will pay $80 \%$ of Covered Expenses under the Nursing Facility Benefit and the Home and Community Care Benefit, up to the daily Nursing Facility Maximum. Coverage remains subject to the Coverage Maximum, any applicable Elimination Period, and all other policy terms. If you change your Covered Percentage, you will receive a new policy schedule that includes this change. Please read it carefully and let us know if you have any questions.

## Stop paying premiums and receive a Limited Benefit

You may elect the Contingent Benefit Upon Lapse. If you would like to stop paying premiums on your policy you can elect the Contingent Benefit Upon Lapse. Your new Shortened Benefit Period coverage maximum will be either the maximum amount in effect at the time of lapse for one month ( 30 days) under the Nursing Facility Benefit or equal to the total premiums you have paid on your policy excluding waived premium, whichever is greater. In no event will the paid up value exceed the maximum benefits which would be payable if the policy remained in a premium paying status. Please refer to the enclosed endorsement for additional details regarding this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Contingent Benefit Upon Lapse Endorsement for more detailed information prior to making this election.

## Waiver of Premium benefit

If you are currently receiving a Waiver of Premium benefit, you will not be required to pay the increased premium until the Waiver of Premium benefit no longer applies, as provided for in your policy. At that time, you may want to call one of our Customer Service Representatives to discuss options to reduce the premium increase by changing your policy benefits.

If you are not receiving a Waiver of Premium benefit, you will be required to pay the increased premium, even if you are receiving policy benefits. Prior to paying your bill with the increased premium you may want to call one of our Customer Service Representatives to discuss options you may have to reduce your premiums by changing your policy benefits.

## Payments by automatic withdrawal/third-party account/online banking

If you are using automatic withdrawals, the new required premium will be automatically deducted from your bank checking account. If you are using a third-party account or online banking to pay your premiums, please be sure to make the proper adjustments and arrangements for paying the new required premium amount.

## Time frame to reverse decision

If you opt to reduce your benefits or cancel your coverage, your request to reverse any such decision must be in writing, signed by you, and received by us no more than 60 days after the date of our written confirmation of your reduction/cancellation.

## Available support services benefits

Caregiver Support Genworth offers a no-cost service to assist in locating providers in your area. For more information contact CareScout directly at carescout.com or by calling 800571.1918 , to speak with a CareScout representative between 8am - 6pm Eastern Standard Time, Monday through Friday.

Live+Well ${ }^{\text {SM }}$ Featuring expert health and wellness information from Mayo Clinic. Log-in or register at genworth.com to access helpful articles on healthy aging, fitness, nutrition, caregiving and stress management.

## About Genworth Life Insurance Company (Genworth)

Genworth companies began selling long term care insurance in 1974 and have been the largest provider of long term care insurance policies in the United States. It is important to note that Genworth regularly monitors the business performance of these policies and believes that its companies' reserves are adequate and appropriate at this time. As you review your options, you should know that A.M. Best, a global credit rating agency focused on evaluating the claims paying ability of insurance companies, currently rates Genworth Life Insurance Company's financial strength as C++, indicating A.M. Best's view that Genworth Life Insurance Company has "marginal ability to meet ongoing insurance obligations." To obtain information regarding Genworth company financial strength, please visit genworth.com.

## GENWORTH LIFE INSURANCE COMPANY

A Delaware domiciled stock insurance company (herein called We, Us and Our) Administrative Office: 3100 Albert Lankford Drive, Lynchburg, VA 24501

Insured/Policyholder: John Doe
Policy Number: ABC7890123

## CONTINGENT BENEFIT UPON LAPSE ENDORSEMENT

This Endorsement is to be attached to, and adds the following Contingent Benefit Upon Lapse to the above identified Policy.

## The Benefit

This Benefit allows You to either reduce Your current level of Coverage or convert to a Shortened Benefit Period, as described below, if We make a substantial increase in thepremium for the Policy.

## How This Benefit Works

If We make a substantial increase in Your premium, as determined by the following Table,We will do all of the following at least 75 days prior to the date the premium increase is to take effect:

- offer to reduce Your current level of Coverage without proof of insurability so that the premium for the Policy is not increased;
- offer to convert the Policy to a paid-up status with a Shortened Benefit Period if you have reached, or will reach during the implementation of a rate increase, the twentieth anniversary of your policy's Effective Date, or as described below. This option may be elected at any time during the 120-day period following the date of the premium increase;and
- notify You that a default or lapse at any time during the 120-day period following the dateof the premium increase will be deemed to be the election of the preceding offer to convert. A default or lapse is Your failure to pay the required premium within the Grace Period.

| Trigger for a Substantial Premium Increase* |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Percentage |  | Percentage |  | Percentage |
| Issue | Increase Over | Issue | Increase Over | Issue | Increase Over |
| Age | Initial Premium | Age | Initial Premium | Age | Initial Premium |
| 54 and under | 100\% | 69 | 42\% | 80 | 20\% |
| 55-59 | 90\% | 70 | 40\% | 81 | 19\% |
| 60 | 70\% | 71 | 38\% | 82 | 18\% |
| 61 | 66\% | 72 | 36\% | 83 | 17\% |
| 62 | 62\% | 73 | 34\% | 84 | 16\% |
| 63 | 58\% | 74 | 32\% | 85 | 15\% |
| 64 | 54\% | 75 | 30\% | 86 | 14\% |
| 65 | 50\% | 76 | 28\% | 87 | 13\% |
| 66 | 48\% | 77 | 26\% | 88 | 12\% |
| 67 | 46\% | 78 | 24\% | 89 | 11\% |
| 68 | 44\% | 79 | 22\% | 90 and over | 10\% |

* Percentage increase is cumulative from date of original issue. It does NOT include any increases attributed to later changes or Your election of additional or increased benefit levels.


## Shortened Benefit Period

If You convert in accordance with the above, the Policy will continue with a reduced Coverage Maximum. It will have the same Benefits, Elimination Period requirements and other payment limits that were in effect at the time of lapse or election to convert. These limitswill not be affected by any Benefit Increases provision. The amount of reduced Coverage Maximum will be the greater of:

- $100 \%$ of all premium paid for the Policy, excluding any waived premium; or
- the maximum amount in effect at the time of default or lapse for one month (30 days) under the Nursing Facility Benefit.
It will not be reduced by any Benefits previously paid under the Policy.


## Payment Limitations

Payment is subject to the limits determined above for the Shortened Benefit Period plan. In addition, the total amount payable under this Benefit and the Policy, while it was in force priorto conversion, is limited to the maximum amount that would have been paid if the Policy had remained in premium paying status. This Benefit will not apply if the Policy is continued in accordance with any other Nonforfeiture Benefit.

In all other respects the provisions and conditions of the Policy remain the same.

## Signed for Genworth Life Insurance Company



Vidal J. Torres, Jr. Secretary

Brian k. Haendiges

Brian K. Haendiges<br>President and Chief Executive Officer

Genworth Life Insurance Company PO Box 40005
Lynchburg, VA 24506

|  | Insured <br> John Doe | Policy number <br> ABC7890123 |
| :--- | :--- | :--- |
| JOHN DOE | Agent | Policy form |
| 123 ANY ST | Andy Agent | 7052VA |
| RICHMOND, VA 23221 |  |  |
|  |  | Customer service |
|  | 877710.0817 |  |

Dear John Doe,
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.
Your premium is currently being waived because you are receiving long term care insurance benefits under the policy. Therefore, the information contained in this premium change notice will not impact you until you are no longer receiving benefits and your premiums are no longer waived.

This letter is to inform you that the premium on your current long term care coverage will increase from $\mathbf{\$ 2 , 0 4 8 . 3 1}$ to $\$ 3,285.49$ annually, beginning on August 22, 2024. This represents a $\mathbf{6 0 . 4 0 0 \%}$ rate increase in the premiums for your policy. You will receive a notice regarding payment of the new premium once you are no longer receiving benefits and are required to continue paying premiums. Please note that this increase is not due to a change in your health, age, or claims history.

Given this change, please take time to read the following pages for more details and other important information about this increase. When you are no longer receiving benefits, you may have several choices to adjust your coverage to meet your needs.

This premium increase notice is not a bill - you will be billed separately.
We encourage you to discuss options with your agent or a member of our Customer Service Team by calling 877710.0817 before making a decision. For additional information regarding premium increases, please go to genworth.com/ltcpremiums.

Once again, thank you for being a Genworth Life Insurance Company policyholder.
Sincerely,
Brian K. Haendiges
President and Chief Executive Officer
P.S. Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout $®$, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially in-home care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at CareScout.com/Genworth.
enclosures: 165239Flex VA 10/01/22, 134613VA 06/29/16

# Genworth <br> This Premium Increase from Genworth Life Insurance Company 

Genworth Life<br>Administrative Office: 3100 Albert Lankford Drive Lynchburg, VA 24501

Page 1 of 3

## About this premium increase

It is important to note that this premium increase was reviewed by Virginia's State Corporation Commission and was found to be compliant with applicable Virginia laws and regulations addressing long-term care insurance. All premium rate fillings are available for public inspection and may be accessed online through the Virginia State Corporation Commission's webpage at
https://scc.virginia.gov/boi/SERFFInquiry/LtcFilings.aspx.
This increase is necessary because we expect our claims costs to be higher than we anticipated when we originally priced your policy. The increase applies to policies having benefits similar to those in your policy, which were issued in the same state, on the same policy form, and are considered as part of the same policy class. It is not specific to you or to any change in your age, health, claims history or any other personal factor.

We filed and are implementing this increase in accordance with the laws and regulations of Virginia, where your policy was issued for delivery. States require insurance companies to support rate increase requests with actuarial justification. States also require us to tell you when we raise premiums.

This notice and attachments provide important information about the premium rate increase and your current coverage. They show the percentage increase for your premium rate, which is part of your premium. This rate increase percentage may vary slightly from the actual percentage of your premium increase. These documents also provide information about options that may be available to help you manage your premium cost. Read this information carefully before deciding what to do. Please note that we requested a $95.000 \%$ rate increase and the Virginia State Corporation Commission determined that a rate increase of $26.700 \%$ was allowable under Virginia's regulations. Once you've decided, fill out the enclosed Coverage Options page and return it to us. For information about premium increases, visit genworth.com/ltcpremiums.

## Policy is Guaranteed Renewable and subject to future premium increases

Your long term care insurance coverage is guaranteed renewable, meaning that we cannot cancel or refuse to continue your coverage for any reason. As long as you pay the required premium on time and have not used all your benefits, coverage will continue.

Guaranteed renewable does not mean that premiums are guaranteed to remain the same indefinitely. In accordance with the terms of your policy, we reserve the right to change premiums and it is likely that we will file with the Virginia State Corporation Commission for another premium increase again in the future.

Please be aware that, as of $05 / 2024$, we planned to request at least $66 \%$ in additional rate increases on your policy and policies like yours issued in Virginia. The actual increases we seek may be higher or more numerous than the plans described above. To see more current planned premium rate increase requests you may register or log on to your account at genworth.com and go to the section entitled "I want to" or call our Customer Service Team.

Planned rate increases will take effect only as permitted by the Virginia State Corporation Commission and state law.

## Benefits

Covered benefits payable at the time of a claim will be calculated in accordance with your policy. Benefits a payable only when you meet the terms and conditions for receiving benefits under your policy.

## Considerations related to reducing your benefits

Maintain Premium Level. You may be able to keep your premium at or about its current level by electing available options that may help minimize the effect of the premium increase, including the following:

- You may choose to reduce your maximum daily benefit, or
- You may choose to adjust your benefit period or elimination period.

Value of coverage reduction options. All of the options available to you as alternatives to paying the full premium increase may not be of equal value. There may be other options for reducing your premium that are not listed above, if you are interested in learning about those options please contact us at 877 710.0817.

The option to reduce benefits is available at any time. In the event of a future rate increase, similar options will be available to you. You also have the right to a revised premium rate or rate schedule.

Benefits paid or payable. If you elect to reduce benefits, any benefits paid or payable are deducted from your reduced Coverage Maximum. If you have previously been on claim, adjusting your elimination period may not be appropriate. Reducing benefits while you are receiving policy benefits is generally not advisable.

## Removing or reducing benefit inflation option

The rate increase percentage for policyholders with a larger benefit increase option is higher than the rate increase for policies with a $1 \%$ benefit increase option or those without a benefit increase option. An election to remove your benefit increase option or reduce to $1 \%$ compound inflation would likely result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Reducing Covered Percentage

The Covered Percentage is the portion of Covered Expenses that may be payable under your policy. You can reduce your premium by reducing your Covered Percentage from $100 \%$ to $80 \%$. If you reduce your Covered Percentage to $80 \%$, the policy will pay $80 \%$ of Covered Expenses under the Nursing Facility Benefit and the Home and Community Care Benefit, up to the daily Nursing Facility Maximum. Coverage remains subject to the Coverage Maximum, any applicable Elimination Period, and all other policy terms. If you change your Covered Percentage, you will receive a new policy schedule that includes this change. Please read it carefully and let us know if you have any questions.

## Stop paying premiums and receive a Limited Benefit

You may elect the Contingent Benefit Upon Lapse. If you would like to stop paying premiums on your policy you can elect the Contingent Benefit Upon Lapse. Your new Shortened Benefit Period coverage maximum will be either the maximum amount in effect at the time of lapse for one month ( 30 days) under the Nursing Facility Benefit or equal to the total premiums you have paid on your policy excluding waived premium, whichever is greater. In no event will the paid up value exceed the maximum benefits which would be payable if the policy remained in a premium paying status. Please refer to the enclosed endorsement for additional details regarding this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Contingent Benefit Upon Lapse Endorsement for more detailed information prior to making this election.

## Waiver of Premium benefit

If you are currently receiving a Waiver of Premium benefit, you will not be required to pay the increased premium until the Waiver of Premium benefit no longer applies, as provided for in your policy. At that time, you may want to call one of our Customer Service Representatives to discuss options to reduce the premium increase by changing your policy benefits.

If you are not receiving a Waiver of Premium benefit, you will be required to pay the increased premium, even if you are receiving policy benefits. Prior to paying your bill with the increased premium you may want to call one of our Customer Service Representatives to discuss options you may have to reduce your premiums by changing your policy benefits.

## Payments by automatic withdrawal/third-party account/online banking

If you are using automatic withdrawals, the new required premium will be automatically deducted from your bank checking account. If you are using a third-party account or online banking to pay your premiums, please be sure to make the proper adjustments and arrangements for paying the new required premium amount.

## Time frame to reverse decision

If you opt to reduce your benefits or cancel your coverage, your request to reverse any such decision must be in writing, signed by you, and received by us no more than 60 days after the date of our written confirmation of your reduction/cancellation.

## Available support services benefits

Caregiver Support Genworth offers a no-cost service to assist in locating providers in your area. For more information contact CareScout directly at carescout.com or by calling 800571.1918 , to speak with a CareScout representative between 8am - 6pm Eastern Standard Time, Monday through Friday.

Live+Well ${ }^{\text {SM }}$ Featuring expert health and wellness information from Mayo Clinic. Log-in or register at genworth.com to access helpful articles on healthy aging, fitness, nutrition, caregiving and stress management.

## About Genworth Life Insurance Company (Genworth)

Genworth companies began selling long term care insurance in 1974 and have been the largest provider of long term care insurance policies in the United States. It is important to note that Genworth regularly monitors the business performance of these policies and believes that its companies' reserves are adequate and appropriate at this time. As you review your options, you should know that A.M. Best, a global credit rating agency focused on evaluating the claims paying ability of insurance companies, currently rates Genworth Life Insurance Company's financial strength as C++, indicating A.M. Best's view that Genworth Life Insurance Company has "marginal ability to meet ongoing insurance obligations." To obtain information regarding Genworth company financial strength, please visit genworth.com.

## GENWORTH LIFE INSURANCE COMPANY

A Delaware domiciled stock insurance company (herein called We, Us and Our)
Administrative Office: 3100 Albert Lankford Drive, Lynchburg, VA 24501

Insured/Policyholder: John Doe
Policy Number: ABC7890123

## CONTINGENT BENEFIT UPON LAPSE ENDORSEMENT

This Endorsement is to be attached to, and adds the following Contingent Benefit Upon Lapse to the above identified Policy.

## The Benefit

This Benefit allows You to either reduce Your current level of Coverage or convert to a Shortened Benefit Period, as described below, if We make a substantial increase in the premium for the Policy.

## How This Benefit Works

If We make a substantial increase in Your premium, as determined by the following Table, We will do all of the following at least 60 days prior to the date the premium increase is to take effect:

- offer to reduce Your current level of Coverage without proof of insurability so that the premium for the Policy is not increased;
- offer to convert the Policy to a paid-up status with a Shortened Benefit Period if you have reached, or will reach during the implementation of a rate increase, the twentieth anniversary of your policy's Effective Date, or as described below. This option may be elected at any time during the 120-day period following the date of the premium increase; and
- notify You that a default or lapse at any time during the 120-day period following the date of the premium increase will be deemed to be the election of the preceding offer to convert. A default or lapse is Your failure to pay the required premium within the Grace Period.

| Issue | Percentage Increase Over |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Issue | Percentage Increase Over | Issue | Increase Over |
| Age | Initial Premium | Age | Initial Premium | Age | Initial Premium |
| 54 and under | 100\% | 69 | 42\% | 80 | 20\% |
| 55-59 | 90\% | 70 | 40\% | 81 | 19\% |
| 60 | 70\% | 71 | 38\% | 82 | 18\% |
| 61 | 66\% | 72 | 36\% | 83 | 17\% |
| 62 | 62\% | 73 | 34\% | 84 | 16\% |
| 63 | 58\% | 74 | 32\% | 85 | 15\% |
| 64 | 54\% | 75 | 30\% | 86 | 14\% |
| 65 | 50\% | 76 | 28\% | 87 | 13\% |
| 66 | 48\% | 77 | 26\% | 88 | 12\% |
| 67 | 46\% | 78 | 24\% | 89 | 11\% |
| 68 | 44\% | 79 | 22\% | 90 and over | 10\% |

* Percentage increase is cumulative from date of original issue. It does NOT include any increases attributed to later changes or Your election of additional or increased benefit levels.


## Shortened Benefit Period

If You convert in accordance with the above, the Policy will continue with a reduced Coverage Maximum. It will have the same Benefits, Elimination Period requirements and other payment limits that were in effect at the time of lapse or election to convert. These limits will not be affected by any Benefit Increases provision. The amount of reduced Coverage Maximum will be the greater of:

- $100 \%$ of all premium paid for the Policy, excluding any waived premium; or
- the maximum amount in effect at the time of default or lapse for one month (30 days) under the Nursing Facility Benefit.
It will not be reduced by any Benefits previously paid under the Policy.


## Payment Limitations

Payment is subject to the limits determined above for the Shortened Benefit Period plan. In addition, the total amount payable under this Benefit and the Policy, while it was in force prior to conversion, is limited to the maximum amount that would have been paid if the Policy had remained in premium paying status. This Benefit will not apply if the Policy is continued in accordance with any other Nonforfeiture Benefit.

In all other respects the provisions and conditions of the Policy remain the same.

Signed for Genworth Life Insurance Company.


Vidal J. Torres, Jr Secretary

# Brian k. Haendiges 

Brian K. Haendiges<br>President and Chief Executive Officer

# Genworth <br> This Premium Increase from Genworth Life Insurance Company 

Genworth Life<br>Administrative Office:<br>3100 Albert Lankford Drive<br>Lynchburg, VA 24501

Page 1 of [m]

## About this premium increase

It is important to note that this premium increase was reviewed by Virginia's State Corporation Commission and was found to be compliant with applicable Virginia laws and regulations addressing long-term care insurance. All premium rate fillings are available for public inspection and may be accessed online through the Virginia State Corporation Commission's webpage at
https://scc.virginia.gov/boi/SERFFInquiry/LtcFilings.aspx.
This increase is necessary because we expect our claims costs to be higher than we anticipated when we originally priced your policy. The increase applies to policies having benefits similar to those in your policy, which were issued in the same state, on the same policy form, and are considered as part of the same policy class. It is not specific to you or to any change in your age, health, claims history or any other personal factor.

We filed and are implementing this increase in accordance with the laws and regulations of Virginia, where your policy was issued for delivery. States require insurance companies to support rate increase requests with actuarial justification. States also require us to tell you when we raise premiums.

This notice and attachments provide important information about the premium rate increase and your current coverage. They show the percentage increase for your premium rate, which is part of your premium. This rate increase percentage may vary slightly from the actual percentage of your premium increase. These documents also provide information about options that may be available to help you manage your premium cost. Read this information carefully before deciding what to do. Please note that we requested a [999.999\%] rate increase and the Virginia State Corporation Commission determined that a rate increase of [999.999\%] was allowable under Virginia's regulations. [Once you've decided, fill out the enclosed Coverage Options page and return it to us]. [If you are registered on [genworth.com], you can log into your account to select one of the coverage options described in this notice.] For information about premium increases, visit [genworth.com/ltcpremiums].

## Policy is Guaranteed Renewable and subject to future premium increases

Your long term care insurance coverage is guaranteed renewable, meaning that we cannot cancel or refuse to continue your coverage for any reason. As long as you pay the required premium on time and have not used all your benefits, coverage will continue.

Guaranteed renewable does not mean that premiums are guaranteed to remain the same indefinitely. In accordance with the terms of your policy, we reserve the right to change premiums and it is [likely] that we will file with the Virginia State Corporation Commission for another premium increase again in the future.
[For policies subject to this rate increase, we began providing advance notice of the rate increase to policyholders in [MM/YYYY]. Please be aware that, at that timeas of [MM/YYYY], we planned to request at least [ $999 \%$ ] in additional rate increases on your policy and policies like yours in the state where your policy was-issued in Virginia. The actual increases we seek may differ. For example, they may-be higher or more numerous than the plans described above-and any more recently updated plans. ]To see more current planned premium rate increase requests you may register or log on to your account at [genworth.com] and go to the section entitled ""I want to'" or call our Customer Service Team.

Planned rate increases will take effect only as permitted by the Virginia State Corporation Commission and state law.

## Benefits

[The benefit values presented in the accompanying letter are approximate due to rounding. ] Covered benefits payable at the time of a claim will be calculated in accordance with your policy. Benefits are payable only when you meet the terms and conditions for receiving benefits under your policy.

## Considerations related to reducing your benefits

Maintain Premium Level. You may be able to keep your premium at or about its current level by electing available options that may help minimize the effect of the premium increase, including the following:

- You may choose to reduce your maximum [daily] benefit, or
- You may choose to adjust your benefit period or elimination period.

Value of coverage reduction options. All of the options available to you as alternatives to paying the full premium increase may not be of equal value. There may be other options for reducing your premium that are not listed above, if you are interested in learning about those options please contact us at [999 999.9999]. [lf you have a Partnership policy, reducing your coverage may result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection.]

The option to reduce benefits is available at any time. In the event of a future rate increase, similar options will be available to you. You also have the right to a revised premium rate or rate schedule.

Benefits paid or payable. If you elect to reduce benefits, any benefits paid or payable are deducted from your reduced Coverage Maximum. If you have previously been on claim, adjusting your elimination period may not be appropriate. Reducing benefits while you are receiving policy benefits is generally not advisable.

## Paid-up feature

Your policy has a limited number of premium payments required to become paid-up. That means if you pay all required premiums as they become due, this policy will be paid-up and require no future premiums including rate increases. Careful consideration should be given before selecting an option that stops further payments. Our Customer Service Representatives would be happy to discuss this option with you.

## Moving from unlimited lifetime benefits to limited benefits

The rate increase percentage for policyholders with an unlimited lifetime benefit is higher than the rate increase for policies with a shorter, defined benefit period. An election to reduce the benefit period would result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Removing or reducing benefit inflation option

The rate increase percentage for policyholders with a [larger ]benefit increase option is higher than the rate increase for policies [with a $1 \%$ benefit increase option or those ]without a benefit increase option. An election to remove your benefit increase option[ or reduce to 1\% compound inflation] would [likely ]result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy.

## Reducing Covered Percentage

[^13]
## Stop paying premiums and receive a Limited Benefit

You may elect an Optional Limited Benefit. As a result of this premium increase, we are offering an Optional Limited Benefit. This endorsement allows you to elect a limited paid-up long term care insurance benefit and no future premium will be required. This benefit is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This benefit provides a paid-up benefit with total coverage equal to the total premium paid, excluding waived premium, less any claims paid. A policy lapse or cancellation at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Optional Limited Benefit Endorsement for more detailed information prior to making this election.

## Waiver of Premium benefit

If you are currently receiving a Waiver of Premium benefit, you will not be required to pay the increased premium until the Waiver of Premium benefit no longer applies, as provided for in your policy. At that time, you may want to call one of our eCustomer sService Rrepresentatives to discuss options to reduce the premium increase by changing your policy benefits.
If you are not receiving a Waiver of Premium benefit, you will be required to pay the increased premium, even if you are receiving policy benefits. Prior to paying your bill with the increased premium you may want to call one of our $\epsilon \underline{\text { Customer }} \mathrm{s}$ Service $f$ Representatives to discuss options you may have to reduce your premiums by changing your policy benefits.

## Payments by automatic withdrawal/third-party account/online banking

If you are using automatic withdrawals, the new required premium will be automatically deducted from your bank checking account. If you are using a third-party account or online banking to pay your premiums, please be sure to make the proper adjustments and arrangements for paying the new required premium amount.

## Time frame to reverse decision

If you opt to reduce your benefits or cancel your coverage, your request to reverse any such decision must be in writing, signed by you, and received by us no more than 60 days after the date of our written confirmation of your reduction/cancellation.

## Available support services benefits

Caregiver Support Genworth offers a no-cost service to assist in locating providers in your area. For more information contact CareScout directly at [carescout.com] or by calling 800.571.1918, to speak with a CareScout representative between 8am - 6pm Eastern Standard Time, Monday through Friday.

Live+Well ${ }^{\text {SM }}$ Featuring expert health and wellness information from Mayo Clinic. Log-in or register at genworth.com to access helpful articles on healthy aging, fitness, nutrition, caregiving and stress management.

## About Genworth Life Insurance Company (Genworth)

Genworth companies began selling long term care insurance in 1974 and have been the largest provider of long term care insurance policies in the United States. It is important to note that Genworth regularly monitors the business performance of these policies and believes that its companies' reserves are adequate and appropriate at this time. As you review your options, you should know that A.M. Best, a global credit rating agency focused on evaluating the claims paying ability of insurance companies, [currently rates Genworth

Life Insurance Company's financial strength as C++, indicating A.M. Best's view that Genworth Life Insurance Company has "marginal ability to meet ongoing insurance obligations."] To obtain information regarding Genworth company financial strength, please visit [genworth.com].

RE: 165224Flex VA 0810/012/212 - Premium Increase Notice Cover Letter 165224CRBFlex VA 10/01/2208/12/21 - Considerations Related to Your Benefits 165226Flex VA 10/01/2208/12/21 - Coverage Options 165239Flex VA 10/01/2208/12/21 - Important Information Regarding This Premium Increase 165224NQFlex VA 10/01/2208/12/21 - Premium Change Notice Cover Letter (for policyholders on waiver)

Forms 165224Flex VA, 165224CRBFlex VA, 165226Flex VA, 165239Flex VA make up the policyholder communication packet for policyholders not on waiver.

Policyholders on waiver or otherwise not eligible for system-generated quotes will receive Forms 165224 NQFlex VA and 165239Flex VA.

## Language that appears in the document contained in this filing may vary as described herein.

For all documents, information contained in brackets is intended to vary, either in accordance with the following general guidelines, or within the specific parameters stated below for the document containing variable language.

## GENERAL GUIDELINES

We may vary the names and/or titles of officers that appear on any of the documents. We may vary the company logo, barcodes, address and telephone numbers, website, financial strength ratings and business hours for the company to accommodate changes.

Individual information, such as names, ages,policy and policy form numbers, descriptions of coverage, coverage limits, amounts and timeframes, premium amounts, page numbers ( $[\mathrm{n}]$ is the page number and $[\mathrm{m}]$ is the total number of pages in the form) and dates etc., including bracketed [ ] information will be completed with information applicable to the specific insured within the parameters contemplated by our rate filing.

## 165224Flex VA 0810/4201/21-22 - Premium Increase Cover Letter

- In the box on the upper right side of the page, the number " 3 ", as well as option 3 will appear if a "Stop paying premiums" option is available. A " 2 " will appear if there is not a "Stop paying premiums" option available. The following applicable language will print if an option is available:
- Stop paying premium by electing the Contingent Benefit Upon Lapse
- Stop paying premium by electing Contingent Nonforfeiture Benefit
- Stop paying premium by electing the Optional Limited Benefit
- Stop paying premium by exercising your Nonforfeiture Benefit
- The date shown beneath "Premium Increase Notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- If there is no longer an agent on the policy the "Agent" section will not print.
- In the first sentence of the second paragraph:
- The policyholder's current mode [annually] will be displayed after the ending premium amount; the options are annually, semi-annually, quarterly or monthly.
- The date [Mmmm dd, yyyy] will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.
- Depending on the rate increase approved, if the Company has plans for future rate increases, policyholders will see the language, "as well as plans for future increases" in the second paragraph.
- In the postscript, the words "- you will be billed separately" will print if the policyholder is not on Electronic Funds Transfer (EFT).
- The list of enclosures will include an endorsement for the Optional Limited Benefit (form 158271) or for the Contingent Benefit Upon Lapse (form 134613VA), if applicable.


## 165224CRBFlex VA 10/01/22 08/12/21 - Considerations Related to Your Benefits

- This form only prints when quotes are provided.
- If a policyholder has a Partnership policy, the Partnership loss warning will print.
- In section "2. Change your policy's benefits to lower your premium";
- If multiple quotes are available on the Coverage Options page (165226Flex VA08/12/21), the following sentence will print: "The coverage options outlined on the following page illustrate how you can adjust your coverage while maintaining meaningful benefits within your budget."
- If a quote is available that maintains the pre-rate increase premium amount, then the following sentence will print: 'We have included an option that keeps you near your pre-rate increase premium amount."
- If the policyholder currently has the Waiver of Home Care Elimination Period benefit, the following will print: "As you consider ways to reduce your premium, you may want to review the need for retaining optional benefits included in your policy. You can call our Customer Service Team to discuss optional coverage, the benefits provided, and the impact on your premium. For example, your policy includes a Waiver of Home Care Elimination Period benefit, removing this option reduces your premium and changes your coverage to no longer include a zero day Elimination Period for Home Care." The following language will print when a policyholder's current benefits meet defined criteria. Those include $5 \%$ compound inflation and a combination of AttainedAge and Daily Benefit Amount that allows time for the DBA and Lifetime Maximum togrow while reducing promium and retaining the $5 \%$ compound inflation benefit;
- AA $\leq 65$ and $D B A \geq \$ 190$
- $65<\mathrm{AA} \leq 70$ and $D B A \geq \$ 210$
- $70<A A \leq 75$ and $D B A \geq \$ 240$
- $75<\mathrm{AA} \leq 80$ and $D B A \geq \$ 250$

If you would like a more affordable premium but want your benefits to-continue togrow for when you may be ready to claim, you may want to consider Alternative-A on the-Coverage-Options-page.
Alternative A reduces your [monthly] maximum and lifetime maximum whilemaintaining your current $5 \%$ compound inflation protection. These increases can double your new monthly maximum and new lifetime maximum in about 15 years (claims may affect how quickly the lifetime maximum increases).
Our Customer Service Team can help you understand how your benefits may increase over time with this option.'
The maximum benefit shown will reflect Monthly or Daily, depending on how thepolicyholder's benefits-are-calculated.

- The variability for [monthly] maximum includes either daily or monthly.
$\bigcirc$
- GLIC includes information from an industry study that will be removed or updated to keepeurrent information in our communications. We anticipate an update in late 2021/early 2022 and plan to update the results, however if the study is not updated, we may remove the reference. The language currently reads as follows with information from October 2016 study:
"When thinking about how long covered care may last, the publicly available industry study performed by PwC, indicates the average duration of a long term care event is about threeyears and approximately $75 \%-80 \%$ of long term care events will cost less than $\$ 250,000^{2}$." GLIC includes information about claims experience, this information will be updated annually to reflect more recent experience. We will change the claims age range and "as of" date as appropriate.
- The "Online tools available" section will print when the Coverage Needs Estimator is available.
- In the "Important" section, "and within the Coverage Needs Estimator" will print when the Coverage Needs Estimator is available.
$\ominus-$
$\theta$ The footnote related to the industry study will be removed or updated to reflect the source of information when included in the body of section 2 .
- In section "3. Stop paying premiums and receive a Limited Benefit";
- If the available option is the Optional Limited Benefit, the words "less any claims paid" will appear.
- If the available option is the Optional Limited Benefit or the Contingent Benefit Upon Lapse, the last sentence will read "Please refer to the Coverage Options page, Important
Information Regarding This Premium Increase, and enclosed endorsement for additional details.", otherwise it will read "Please refer to the Coverage Options page, and Important Information Regarding This Premium Increase for additional details."
- In the "Some information to consider as you evaluate reducing your benefits" section;
- [Monthly] variability includes either daily or monthly, and [month] includes day or month.
- If the policyholder is eligible for Future Purchase Options, then the following sentence will print: "Your policy includes a Future Purchase Option. Amounts shown do not reflect increases that may occur as a result of your election of future purchases, therefore [monthly] maximum benefit and premium amounts may vary."
- If a Shared Coverage Rider is applicable, the following section will print: "Shared Coverage/Benefit Rider. Under the terms of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies."


## 165226Flex VA 0810/1201/21-22 - Coverage Options

- This Coverage Options page will be included in premium increase notices where quoted options are available for benefit reduction.
- The "Date of notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- The policyholder's current mode will be displayed after the premium amount in the sections titled "Premium before increase" and "Increased premium". Options are annually, semi-annually, quarterly or monthly.
- When available, individual policyholders will see the website and "Register/log-in to view and select the coverage choices shown below online at genworth.com".
- The median cost of care is shown based on data for the Policyholder's zip code. For each category of possible long-term care services (In Home Care, Assisted Living, and Nursing Home), the median monthly cost for that service will be displayed in this section based on Genworth's most recent cost of care study. The study details can be found at www.genworth.com/costofcare.
- The range of values for the median monthly cost of care in Virginia, as reported in the Genworth


## 2021 Cost of Care Study, are as follows:

- In Home Care: \$4,185.00-\$6,292.00
- Assisted Living: \$4,625.00-\$5,925.00
- Nursing Home: \$7,635.00-\$11,604.00
- In the section titled "Your options:"
- The maximum benefit shown will reflect Monthly or Daily, depending on how the policyholder's benefits are calculated.
- The description of the premium mode will be Annual, Semi-Annual, Quarterly or Monthly based on the policyholder's current mode and premiums displayed for each alternative will be in the applicable mode.
- In the section " 1 " titled "Keep current coverage":
- The date will reflect the Policyholder's billing anniversary date, the effective date of the rate increase.
- The range of values for the benefit categories are as follows:
- Benefit period: $2,3,4,5,6,8,10$ years or Unlimited
- Inflation protection: None, Compound 3\%, Compound 4, Compound 5\%, Simple 5\%, Graded 2\%, Graded 3\%, Graded 5\%, Adjusted 5\%
- Elimination period: 0, 30, 90 or 180
- In the section "2" titled "Change your policy's benefits to lower your premiums":
- $\quad \ddagger$ The language will vary as indicated (singular or plural)-based on the number of alternatives available-:
- "the alternative below is" or
- "the alternatives below are"
- If a Shared Coverage Rider is applicable, the following sentence will print: "Under the terms for coverage of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies."
- The " $A$ " in "Alternative $A$ " will print when there is more than one option in this section.
- Alternative $B$ will print if there is a $2^{\text {nd }}$ option and Alternative $C$ will print if there is a $3^{\text {rd }}$ option in this section.
- Options that can appear in each benefit category are as follows:
- Daily maximum benefit: $\$ 50$ - no defined max; Monthly maximum benefit: $\$ 1,500$ - no defined max
- Benefit period: 1, 2, 3, 4, 5, 6, 8, 10 year and Unlimited
- Inflation protection: None, Compound 3\%, Compound 4, Compound 5\%, Simple 5\%, Graded 2\%, Graded 3\%, Graded 5\%, Adjusted 5\%
- Elimination period: 0, 90 days
- Covered Percentage: $80 \%, 100 \%$
- For section " 3 " titled "Stop paying premiums":
- If the policyholder does not qualify for Optional Limited Benefit, Nonforfeiture Benefit Rider, Contingent Nonforfeiture Benefit or Contingent Benefit Upon Lapse, the "Stop paying premiums" section does not appear.
○_If an option to stop paying premiums is available, the following language will appear "You may choose to elect a paid up reduced policy benefit and stop paying premiums. IMPORTANT: Selecting this option would greatly reduce the total amount of benefits available to pay for care." The benefit noted will appear based upon policyholder eligibility: Optional Limited Benefit, Nonforfeiture Benefit Rider, Contingent Nonforfeiture Benefit or Contingent Benefit Upon Lapse.
- In the box displaying the value of the Paid up policy benefit, [\$99,999.99], the appropriate paid up option will print. Options are Optional Limited Benefit, Contingent Benefit Upon Lapse, Contingent Nonforfeiture Benefit or Non-Forfeiture rider.
- If an option would result in Partnership loss, ** will print next to the premium amount and the

Partnership loss acknowledgement will print beneath the chart.

- In the paragraph beginning with "Other options may be available";
- If the policyholder is eligible for Future Purchase Options, then the following sentence will print: "These amounts do not reflect increases that may occur as a result of your election of a Future Purchase Option. As a result, maximum benefit and premium amounts may vary."
- The date will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.
- In the paragraph beginning with "You do not need to return this form...";
- The words "or elect online" will also appear if available.
- The date will populate with the Policyholder's billing anniversary date which is the effective date of the rate increase.

165239Flex VA 0810/1201/21 22 - Important Information Regarding This Premium Increase

- If a quote is included, then the following language will print "Once you've decided, fill out the enclosed Coverage Options page and return it to us. If you are registered on genworth.com, you can log into your account to select one of the coverage options described in this notice." The second sentence referencing selecting the coverage via the website will print when functionality is available.
- In the "Policy is Guaranteed Renewable and Subject to Future Premium Increases" section
- Based on the rate increase approved and the Company's plans for future rate increases either "possible" will print which means no further increases are planned at this time or "likely" will print which means additional rate filings will be pursued
- If future rate increases are planned to be pursued, policyholders will see the following language. "For policies subject to this rate increase, we began providing advance notice of therate increase to policyholders in [MM/YYYY]. Please be aware that, at that timeas of [MM/YYYY], we planned to request at least [999\%] in additional rate increases on your policy and policies like yours in the state where your policy was-issued in Virginia. The actual increases we seek may differ. For example, they may be higher or more numerous than the plans described above-and any more recently updated plans." The date will be the date the approved rate increase began implementation and the percentage will reflect the current plans for future rate increase requests.
- For policyholders not receiving a Coverage Options page, under the "Benefits" section, the following language will not print; "The benefit values presented in the accompanying letter are approximate due to rounding."
- In the "Considerations related to related to reducing your benefits" section
- "daily" or "monthly" will print based on the policyholder's benefit type.
- If a policyholder has a Partnership policy, then the following language will print: "If you have a Partnership policy, reducing your coverage may result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection."
- If the policyholder has a Limited Pay policy, then the following section will print:
- "Paid-up feature Your policy has a limited number of premium payments required to become paid-up. That means if you pay all required premiums as they become due, this policy will be paid-up and require no future premiums including rate increases. Careful consideration should be given before selecting an option that stops further payments. Our Customer Service Representatives would be happy to discuss this option with you."
- If a policyholder has unlimited/lifetime benefits, the section "Moving from unlimited lifetime benefits to limited benefits" will print if a higher rate increase amount is approved for policies with a lifetime benefit versus those with a limited benefit.
- If a policyholder has a benefit increase option greater than $1 \%$, the section "Removing or reducing inflation protection" will print if a higher rate increase amount is approved for policies with inflation
protection greater than $1 \%$ versus those with $1 \%$ or no inflation protection. The language will vary depending on whether the $1 \%$ benefit increase submitted with this filing is approved:
- If the $1 \%$ benefit increase is available, the paragraph will read "The rate increase percentage
for policyholders with larger inflation protection is higher than the rate increase for policies with $1 \%$ inflation protection or those without inflation protection. An election to remove your inflation protection option or reduce to $1 \%$ compound inflation would likely result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy."
- If the 1\% benefit increase is not available, the paragraph will read "The rate increase percentage for policyholders with inflation protection is higher than the rate increase for policies without inflation protection. An election to remove your inflation protection option would result in a lower premium increase now, as well as possibly reduce our plans for future rate increases on your policy."
- In the "Reducing Covered Percentage" section, [monthly] will reflect how the policyholder's benefits are calculated, "monthly" or "daily".
- The section "Stop paying premiums and receive a Limited Benefit" will print if the policyholder qualifies for Optional Limited Benefit, Contingent Benefit Upon Lapse, Contingent Nonforfeiture Benefit or has a Nonforfeiture Benefit Rider. The language will appear as follows for each of those options:
- "You may elect an Optional Limited Benefit. As a result of this premium increase, we are offering an Optional Limited Benefit. This endorsement allows you to elect a limited paid-up long term care insurance benefit and no future premium will be required. This benefit is available up to 120 days after the next Billing Anniversary Date on which your rate increase is effective. This benefit provides a paid-up benefit with total coverage equal to the total premium paid, excluding waived premium, less any claims paid. A policy lapse or cancellation at any time during the 120-day period following the due date of the increased premium will be deemed an election of this benefit.

Please note: This endorsement could significantly reduce the policy benefits. Please review the Optional Limited Benefit Endorsement for more detailed information prior to making this election."

- "You may exercise the Nonforfeiture Benefit Rider. Your policy includes the Nonforfeiture Benefit Rider which you may elect to exercise at any time. This Rider allows you to have a paid-up long term care insurance benefit as described in the Rider and no future premiums will be required.

Please note: This rider could significantly reduce the policy benefits. Please review the Nonforfeiture Benefit Rider in your policy for more detailed information prior to making this election."

- "You may elect the Contingent Benefit Upon Lapse. If you would like to stop paying premiums on your policy you can elect the Contingent Benefit Upon Lapse. Your new Shortened Benefit Period coverage maximum will be either the maximum amount in effect at the time of lapse for one month (30 days) under the Nursing Facility Benefit or equal to the total premiums you have paid on your policy excluding waived premium, whichever is greater. In no event will the paid up value exceed the maximum benefits which would be payable if the policy remained in a premium paying status. Please refer to the enclosed endorsement for additional details regarding this benefit. Please note: This Endorsement could significantly reduce the policy benefits. Please review the Contingent Benefit Upon Lapse Endorsement for more detailed information prior to making this election."
- "You may elect the Contingent Nonforfeiture Benefit. Your policy has a limited number of premium payments to become paid-up (see Paid-up feature above). If you would like to stop paying premiums now instead of continuing to pay premiums and waiting for the policy to become Paid-up, you may be eligible for a Contingent Nonforfeiture Benefit. [Other paid up options may be available to you; however, the Reduced Benefits Plan provides the highest coverage maximum as of the date of the quote and is shown as the "Pay nothing more" option on the enclosed Coverage Options form. ]Please call Customer Service for information on any paidup option available to you.
The Reduced Benefits Plan will reduce the remaining Coverage Maximum and/or other
benefits. The reductions will be based in part on the number of completed premium payments. There will be no reduction in Your Coverage Maximum if it is "Unlimited". Please refer to the [To Age 65 Premium Payment] Rider for additional details regarding this benefit.

Please note: This Contingent Nonforfeiture Benefit could significantly reduce the policy benefits. Please carefully review the enclosed information and your policy for more detailed information prior to making this election. "

- If the Coverage Options page, 165226 Flex VA, is included this sentence will print; "Other paid up options may be available to you; however, the Reduced Benefits Plan provides the highest coverage maximum as of the date of the quote and is shown as the "Pay nothing more" option on the enclosed Coverage Options form."
- The variable options for the Rider are " 10 Year Premium Payment" and "To Age 65 Premium Payment".
- In the "About Genworth Life Insurance Company (Genworth)" section, the language would update to reflect a change in Genworth's financial strength rating to include the appropriate definition/description of the revised rating.


## 165224NQFlex VA 0810/1201/21-22 - Premium Change Notice Cover Letter (for policyholders on waiver or otherwise not eligible for system-generated quotes)

- The date shown beneath "Premium change notice" is the date the letter is printed. It is GLIC's process to send the rate increase notifications with ample time to be received at least 75 days prior to the next billing anniversary or increase effective date.
- If there is no longer an agent on the policy the "Agent" section will not print.
- Policyholders on claim/waiver will see the language shown below:
- The date is the next billing anniversary or increase effective date.
"Your premium is currently being waived because you are receiving long term care insurance benefits under the policy. Therefore, the information contained in this premium change notice will not impact you until you are no longer receiving benefits and your premiums are no longer waived.

This letter is to inform you that the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] [annually] beginning on [Mmmm dd, yyyy]. This represents a [999.999\%] rate increase in the premiums for your policy. You will receive a notice regarding payment of the new premium once you are no longer receiving benefits and are required to continue paying premiums. Please note that this increase is not due to a change in your health, age, or claims history."

- The policyholder's current mode [annually] will be displayed after the ending premium
amount; the options are annually, semi-annually, quarterly or monthly.
-The date is the next billing anniversary or increase effective date.
- 
- Policyholders not on claim/waiver will see the language shown below:
These policyholders may have reduced benefit options available to them but require special
handling by our customer service representatives to provide quotes.
"This letter is to inform you that, as a result of higher expected policyholder claims costs than
anticipated when we originally priced your policy, the premium on your current long term care
coverage will increase from [\$99,999.99] to [\$99,999.99] [annually] beginning on your next billing
anniversary date, [Mmmm dd, yyyy]. This represents a [ $999.999 \%$ ] rate increase in the
premiums for your policy. Please note that this increase is not specific to you ordue to any change
in your health, age, or claims history."
These policyholders may have reduced benefit options available to them but require special
handling by our customer service representatives to provide quotes.
The policyholder's current mode [annually] will be displayed after the ending premium
amount; the options are annually, semi-annually, quarterly or monthly.
- The date is the next billing anniversary or increase effective date.
- Policyholders on claim/waiver will see the following language and if future rate increases are planned to be pursued the phrase ", as well as plans for future increases" will also print as indicated:
"Given this change, please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. When you are no longer receiving benefits, you may have several choices to adjust your coverage to meet your needs."
- Policyholders not on claim/waiver will see the language shown below:

```
- These policyholders may have reduced-benefit-options-available to them-but require- special handling by our customer service representatives to provide-quotes;
- Iffuture rate-increases-areplanned to-be-pursued the phrase; as-wellas-plans-for future increases' will also print as indicated
- If a non-forfeiture-option is available, the sentence'These pages-also-describe a way that you can stop paying premiums and retain a long term care benefit.' will also print asindicated;
```

"Given this change, you may have several choices to adjust your coverage to meet your needs. Please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. [These pages also describe a way that you can stop paying premiums and retain a long term care benefit.]"

- These policyholders may have reduced benefit options available to them but require special handling by our $\in$ Customer sService fRepresentatives to provide quotes.
- If future rate increases are planned to be pursued the phrase "", as well as plans for future increases:"' will also print as indicated.
If a non-forfeiture option is available, the sentence ""-These pages also describe a way that you can stop paying premiums and retain a long term care benefit.'." will also print as indicated. $: \frac{\dot{\underline{\prime}}}{}$
$\circ$
- Policyholders who are receiving a direct bill, not on Electronic Funds Transfer, will see the language ""- you will be billed separately'."'
- The list of enclosures will include an endorsement for the Optional Limited Benefit (form 158271) or for the Contingent Benefit Upon Lapse (form 134613VA), if applicable.
- The word "enclosure" will be plural if a non-forfeiture endorsement is included.

We hereby certify the final form issued to the consumer will not contain brackets denoting variable text. The use of variable text will be administered in a uniform and non-discriminatory manner and will not result in unfair discrimination. Only text included-addressed in this Statement will be allowed to be used on the referenced forms received by consumers.

For Genworth Life Insurance Company

## STATEMENT OF VARIABILITY



Pamela C. Asbury, Vice President

## Genworth㮍.

Genworth Life Insurance Company [company add 1]<br>[company addr2]<br>[company city, st zip]<br>Important Change - Decision Required<br>[mailing name1]<br>[address line 1]<br>[address line 2]<br>[address line 3]<br>[address line 4]<br>[address line 5]

## The premium on your long term care insurance policy is increasing.

You have [3] options:

1. Keep your current coverage the same and
pay the premium increase
2. Change your policy's benefits to lower your premium
[Stop paying premium by electing the Contingent
3. Benefit Upon Lapse]

Dear [Insured_name1],
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.
We are writing to let you know that as a result of higher expected claims costs than anticipated when we originally priced your policy, the premium on your current long term care coverage will increase by [999.99\%], from [\$99,999.99] to [\$99,999.99] [annually], beginning on your next billing anniversary date, [ Mmmm dd, yyyy]. Please refer to the following pages for more details and other important information about this increase[, as well as plans for future increases]. Please note that this increase is not specific to you or to any change in your health, age, or claims history.
We appreciate that premium increases can be difficult for our policyholders. The enclosed pages also outline coverage adjustment options to help manage your premium cost while still maintaining important coverage. There may also be additional options available to reduce your premium.
We encourage you to discuss your options with your financial advisor or a member of our Customer Service Team by calling [999 999.9999] before making a decision.
For additional information regarding premium increases, please visit [genworth.com/tcpremiums].
Sincerely,
[Signature name]
[Signature title]
P.S. This premium increase notice is not a bill [- you will be billed separately]. Please take time to read the Important Information Regarding This Premium Increase included with this letter.
enclosures: 165224CRBFlex VA 10/01/22, 165226Flex VA 10/01/22, 165239Flex VA 10/01/22, [134613VA 06/29/16, , Envelope

## Long Term Care Insurance

Premium Increase Notice
[mm/dd/yyyy]
Genworth Life Insurance
Company
Insured:
[Insured_name1]
Policy Number:
[policy_number]

## Policy Form:

[form number]

## [Agent:]

[servicing agent name] [servicing agency name]

## Customer Service:

## [999 999.9999]

[company_hours1] [company_hours2]
Fax: [company_fax] [genworth.com/ltcpremiums]

## Genworth 帮

Genworth Life Insurance Company
[company_address1]
[company_address2]
[company_city_state]
[mailing_name1]
[mailing_address1]
[mailing_address2]
[mailing_address3]
[mailing_address4]
[mailing_address5]

# Long Term Care Insurance 

Premium change notice
[document_date] from Genworth Life Insurance Company

Insured [Insured_name1]
[Agent]
[servicing agent name]
[servicing agency name]

Policy number [policy_number]

## Policy form

[form number]
Customer service [company_phone] [company_hours1] [company_hours2] Fax: [company_fax]
[company_website]

Dear [Insured_name1],
Thank you for choosing Genworth Life Insurance Company for your long term care insurance needs. We value your business and are committed to providing quality service and being here when you need us the most.
Your premium is currently being waived because you are receiving long term care insurance benefits under the policy. Therefore, the information contained in this premium change notice will not impact you until you are no longer receiving benefits and your premiums are no longer waived.

This letter is to inform you that the premium on your current long term care coverage will increase from [\$99,999.99] to [\$99,999.99] [annually], beginning on [Mmmm dd, yyyy]. This represents a [999.999\%] rate increase in the premiums for your policy. You will receive a notice regarding payment of the new premium once you are no longer receiving benefits and are required to continue paying premiums. Please note that this increase is not due to a change in your health, age, or claims history.

Given this change, please take time to read the following pages for more details and other important information about this increase[, as well as plans for future increases]. When you are no longer receiving benefits, you may have several choices to adjust your coverage to meet your needs.

This premium increase notice is not a bill [- you will be billed separately].
We encourage you to discuss options with your agent or a member of our Customer Service Team by calling [999 999.9999] before making a decision. For additional information regarding premium increases, please go to [genworth.com/ltcpremiums].

Once again, thank you for being a Genworth Life Insurance Company policyholder.
Sincerely,
[sig name]
[sig title]
P.S. Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout®, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially in-home care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at [CareScout.com/Genworth].
enclosure[s]: 165239Flex VA 10/01/22[, 134613VA 06/29/16]

## Genworth Life Insurance Company

Administrative Office:
3100 Albert Lankford Drive
Lynchburg, VA 24501

## Considerations Related To Your Benefits

Your long term care insurance policy protects you financially should you require care in the future. However, we understand that evolving financial situations combined with increasing premiums may cause you to reevaluate your coverage. On the Coverage Options page that follows, we offer alternatives for keeping coverage in place and within budget. Please call our Customer Service Team at [999 999.9999] for other available options.

Options for reducing your benefits and premiums may include, where applicable, one or a combination of the following: reducing your daily/monthly benefit amount, reducing your benefit period, removing any inflation protection/benefit increases, extending your Elimination Period, or dropping any optional rider(s). Please contact our Customer Service Team for additional information and/or quotes by calling [999 999.9999].

IMPORTANT: Reducing your coverage below your state minimums for Partnership will result in a loss of Partnership status, a change in your asset protection type and may reduce your overall protection.

## 1. Keep your current coverage and pay the premium increase

The Coverage Options page shows your current benefits and new premium. If you are comfortable with your current coverage, take no action except to pay the increased premium.

## 2. Change your policy's benefits to lower your premium

[The coverage options outlined on the following page illustrate how you can adjust your coverage while maintaining meaningful benefits within your budget. [We have included an option that keeps you near your pre-rate increase premium amount.]] Options for reducing benefits and premiums other than those presented in this package may be available.

As you consider ways to reduce your premium, you may want to review the need for retaining optional benefits included in your policy. You can call our Customer Service Team to discuss optional coverage, the benefits provided, and the impact on your premium. For example, your policy includes a Waiver of Home Care Elimination Period benefit, removing this option reduces your premium and changes your coverage to no longer include a zero day Elimination Period for Home Care.

The following resources are available to help you make a decision regarding your coverage:
Consider Cost of Care. [<If RGB>If you would like a more affordable premium but want your benefits to continue to grow for when you may be ready to claim, you may want to consider Alternative A on the Goverage Options page.

Alternative A reduces your [monthly] maximum and lifetime maximum while maintaining your current 5\% compound inflation protection. These increases can double your new [monthly] maximum and new lifetime maximum in about 15 years (claims may affect how quickly the lifetime maximum increases).

Our Customer Service Team can help you understand how your benefits may increase over time with this option.]

As you think about your options, it may be helpful to consider the cost of long term care services. You can find median ${ }^{1}$-cost of care information for your area on the Coverage Options page. Additional information you can use to estimate future cost of care is available on [genworth.com/costofcare].
[When thinking about how long covered care may last, the publicly available industry study performed by PWC, indicates the average duration of a long term care event is about three years and approximately $75 \%-80 \%$ of long term care events will cost less than $\$ 250,000^{2}$.]

Genworth Data. In addition, while a long term care event can begin at any time, Genworth data has shown that many long term care claims begin between ages [80 and 89]. This information is based on many policies and types of long term care policies and is current as of [12/31/1922].
Online tools available. To access additional tools and information please register/log-in at [genworth.com] and go to the 'Coverage \& Care' tab. Featured here is the Coverage Needs Estimator, a personalized online tool that provides comparative information to help you think about:

- The median cost of care services you may require in the future, and
- How your future estimated policy benefits may align with potential care needs

Important: The enclosed cost of care, long term care event, and claims-related figures (and similar information on [genworth.com]) are medians, averages and approximations. Similarly, future cost of care information available on [genworth.com] [and within the Coverage Needs Estimator] is based on estimates and hypothetical assumptions. Keep in mind, your actual experience may be different. Consider various scenarios and your own circumstances when determining what coverage options are best for you.

Introducing the NEW CareScout Quality Network for in-home care at special pricing. When considering your coverage options and potential need for future care, know you have access to the CareScout Quality Network to help find providers who meet your needs. CareScout®, an affiliate of Genworth, is rolling out its nationwide CareScout Quality Network, which includes providers (initially inhome care providers) who meet high standards for quality care and offer special pricing for Genworth's long-term care customers. Learn more at [CareScout.com/Genworth].
${ }^{1}$ The median is the middle value ( $50 \%$ of the costs are above the median, and $50 \%$ of the costs are below the median).
${ }^{[2}$ The formal cost of long-term care services: How can society meet a growing need? The referenced study, initially made available in October 2016, ]is based on data for the time period 2000-2015 and reports figures in 2016 dollars.

Continued on next page

## 3. Stop paying premiums and receive a Limited Benefit

If you do not want to pay further premiums you may have the option of stopping further payments and obtaining a benefit for long term care services approximately equal to the amount of premium paid [less any claims paid]. Please refer to the Coverage Options page, [and] Important Information Regarding This Premium Increase [, and enclosed endorsement] for additional details.

## Some information to consider as you evaluate reducing your benefits

[Monthly] maximum benefit is the maximum your policy will pay for any [month]. You may reduce your [monthly] maximum to lower your premium.
Benefit period/Benefit multiplier. Along with your [monthly] maximum benefit, your benefit period is the period of time that is used to calculate the coverage maximum. Your coverage is based on this coverage maximum, not a certain period of time. If your [monthly] maximum benefit amount and/or the benefit period are reduced, the maximum benefits payable under your policy will automatically be reduced because the policy maximum is a function of the benefit amount and the benefit period.
Coverage Maximum is the combined total amount we will pay as benefits under this policy. The Remaining Coverage Maximum is the Coverage Maximum less any previously paid claims.

Inflation protection/Benefit increases change the amount that your [monthly] maximum benefit increases each year. If you have this benefit and elect to reduce or terminate it, you will have the option to keep your accumulated benefit and your premium will be adjusted accordingly. [Your policy includes a Future Purchase Option. Amounts shown do not reflect increases that may occur as a result of your election of future purchases, therefore [monthly] maximum benefit and premium amounts may vary.]

Elimination Period is the length of time you must pay out of pocket before you are entitled to benefits under the policy. A longer elimination period may reduce your premium.

Covered Percentage is that portion of Covered Expenses for which Benefits may be payable under the Policy. Consider more affordable coverage by reducing the Covered Percentage from $100 \%$ to $80 \%$. See the enclosed Important Information Regarding This Premium Increase for more information.

Benefit amounts. Changes to your [monthly] maximum benefit and/or inflation protection will change the amount of any future incremental benefit increases and associated original benefit amounts.

Shared Coverage/Benefit Rider. Under the terms of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies.

We encourage you to carefully read the enclosed materials before making a decision.


## Genworth Life Insurance Company

Policyholder: [insured name]
Date of notice: [mm/dd/yy]
Policy number: [policy number]
Premium before increase: [ $\$ 99,999.99]$ [mode] Increased premium: [\$99,999.99] [mode]

Coverage Options
Page 1 of [m]
Genworth [20YY] Cost of Care Study
The approximate [monthly] median cost of care provided in your area (based on 44 hours per week):
In Home Care: [ $\$ 99,999]$
Assisted Living: [\$99,999]
Nursing Home: $[\$ 99,999]$

Register/log-in to view and select the coverage choices shown below online at [genworth.com]

| Your options: | 1. Keep current coverage | 2. Change your policy's benefits to lower your premiums |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | If we don't hear from you by [mm/dd/yy], this [999.999\%] rate increase will take effect on your current coverage. | If you are comfortable reducing your benefits, the alternative[s] below [are] designed to provide different levels of cost and coverage as you evaluate your current needs. [Under the terms for coverage of your Shared Coverage/Benefit Rider, both policies must maintain the same plan, benefit levels, and benefit options while the Shared Coverage/Benefit Rider remains in effect. Any changes to the coverage must be requested for both policies.] |  |  |
| [Monthly] maximum benefit | [\$5,400.00] | [\$5,400.00] | [\$5,400.00] | [\$4,050.00] |
| Benefit period | [4 years] | [3 years] | [3 years] | [3 Years] |
| Remaining Coverage Maximum | [\$999,999.99] | [\$999,999.99] | [\$999,999.99] | [\$999,999.99] |
| Benefit increases | [Simple 5\%] | [Simple 5\%] | [Simple 5\%] | [Simple 5\%] |
| Elimination Period_Days before benefits begin) | [90 days Facilityl 0 days Home Care] | [90 days Facility/ <br> 0 days Home Care] | [90 days Facilityl <br> 0 days Home Care] | [90 days Facilityl <br> 0 days Home Care] |
| Covered Percentage | [100\%] | [80\%] | [80\%] | [80\%] |
| [Annual] premium [mm/dd/yy] | [\$99,999.99] | ${ }^{* * 1} \square$ [\$99,999.99] | ${ }^{* * *} \square[\$ 99,999.99]$ | [** $\square$ [\$99,999.99] |

## 2. Change your policy's benefits to lower your premiums

If you are comfortable reducing your benefits, the alternative[s] below [are] designed to provide different levels of cost and coverage as you evaluate your current needs.
[Under the terms for coverage of your Shared Coverage/Benefit Rider, both policies
 requested for both policies.]

You may choose to elect a paid up reduced policy benefit and stop paying premiums. IMPORTANT: Selecting this option would greatly reduce the total amount of benefits available to pay for care.
[\$99.999.99] Paid up policy benefit[Contingent Nonforfeiture Benefit]
3. Stop paying premiums
$\square^{* *} \square$ By checking this box and signing this form, you acknowledge that the reduction in coverage is below your state benefit minimum for Partnership; and therefore, your policy will no longer be Partnership qualified and you will lose the associated asset protection. Options that we believe will result in loss of Partnership Status are indicated with double asterisks (**).]

Other options may be available; contact Customer Service at [999 999.9999] for additional quotes. Changes to your current coverage are indicated in bold above for comparison. Please read all documents for more information on your options before making your decision. [These amounts do not reflect increases that may occur as a result of your election of a Future Purchase Option. As a result, maximum benefit and premium amounts may vary.] The options shown are quotes as of [mm/dd/yy] and final values may change.

You do not need to return this form if you are keeping your current coverage. If changing your coverage to one of the options above, please check the blue box to indicate your choice, then sign and return this form by fax or mail in the enclosed envelope [or elect online] by [mm/dd/yy].

## Coverage Options

Page 2 of $[\mathrm{m}] \quad$ Date: [mm/dd/yy]

| Policyholder: | [insured name] |
| :--- | :--- |
| Policy number: | [policy number] |
| Premium before increase: | $[\$ 999,999.99]$ [semi-annual] |

Genworth recommends that you consult with your trusted advisors before making this selection. By signing, you acknowledge your intent to reduce your benefits available to pay for future care and you represent and agree that (1) we are authorized to process the requested change to your policy, (2) the change will not be effective until reflected in a policy amendment we send to you, (3) the benefits and premiums quoted are subject to confirmation and may change, and (4) you have read and understand the information on this form and the enclosed documents, including the Important Information Regarding This Premium Increase.

Policyholder Signature
Date

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letter, dated November 10, 2022, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. In addition, this response will address the Note to Filer received on November 15, 2022. The comments and our responses are as follows:

## Objection 1

Please clarify if the term, "High BIO" applies to a policy with a Benefit Increase Option of 3\% or 5\%. Please confirm all BIO percentages that are classified as "High BIO".

This policy form currently includes the following seven different inflation options:

- No BIO
- $5 \%$ Simple BIO
- 3\% Compound BIO
- $4 \%$ Compound BIO
- Graded
- $5 \%$ Compound to age $65,5 \%$ Equal (Simple) after
- 5\% Compound BIO

All of the above options are considered High BIO except for the No BIO option. This filing also includes a new inflation option of $1 \%$ Compound that would ultimately be included in the Low BIO group.

## Objection 2

1) Please explain why policies that are subject to a "revised couples discount" are excluded from the premium/claim experience for policy form 7052 VA .
2) In addition to the policy count, please provide the total annual premium and historical claims paid for policies not subject to "revised couples discount" and the counts for those that are subject to "revised couples discount".

GLIC apologizes for the confusion surrounding these policies. This group of policies was highlighted in the 2020 filing for Flex 1 because they were excluded from those rate increase requests. However, although the policies were not included in the rate request, their experience was included in the development of the rate increase that was requested.

For the nationwide 2022 filings, GLIC has been more granular in the development of the rate increase request. For the Flex policy forms this results in analysis that split the population by benefit period (lifetime/limited), inflation option (High/Low BIO) and underwriting class (Subject to/Not Subject to Revised Couples Discount). Each rate increase request was based on the experience in that particular cell. For this filing, GLIC is only requesting a rate increase on the cell with Lifetime policies, High BIO and Not Subject to the rate increase. All other experience was not used in the development of the requested rate increase.

## Objection Response

## Genworth Life Insurance Company

Please see the table below for a brief summary of the high-level demographics for the entire policy form, which includes policies that would be eligible for a rate increase:

| Cohort Description | Not Subject to Revised <br> Couples |  | Subject to Revised Couples |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Counts | Premium | Counts | Premium |
| Lifetime High BIO | 56 | 255,797 | 0 | 0 |
| Limited High BIO | 2,678 | $6,447,185$ | 615 | $1,540,528$ |
| Lifetime Low BIO | 4 | 16,671 | 0 | 0 |
| Limited Low BIO | 48 | 86,690 | 26 | 50,576 |

For claims information, please see Attachment 1 in "VA Flex 1 Objection 1 Attachments.xlsx"

## Objection 3

We note that the Actuarial Memorandum and many of the exhibits are labeled Confidential.
As noted in the SERFF filing instructions, information filed with the Life and Health Insurance Forms and Rates Section is publicly available upon submission.

We continue to believe that the following portions of this Actuarial Memorandum should be treated as confidential and exempt from disclosure under Virginia Public Records Law:

- Section 3, 8, 14, Exhibits Ia, Ib, Ic, Exhibits IIa, IIb, IIc, and Exhibit III of the Actuarial Memorandum and all Additional Exhibits.

We are aware that this filing is made public upon submission unless the Department reconsiders its position.

## Objection 4

Please provide redline versions of the previously approved forms under SERFF \# GEFA132661692 for comparison to the forms filed under the Form Schedule.

Please see the following updated documents for the redline versions of the previously approved forms:

- 165224CRBFlex VA 100122 redline.pdf
- 165224NQFlex VA 100122 redline.pdf
- 165224Flex VA 100122 redline.pdf
- 165226Flex VA 100122 redline.pdf
- 165239Flex VA 100122 redline.pdf


## Objection Response

## Genworth Life Insurance Company

## Objection 5

Please provide all projections required to compute the "Prospective PV " and the "If Knew/Makeup Blend" allowable increases as currently under consideration by the NAIC.

Please see "VA Flex 1 Objection 1 Attachments.xlsx" for the requested information. Attachment 2 is the calculation of the Prospective PV (PPV) method, with Attachment 3 containing the associated projections.

For the Blended If-Knew, the calculation has been provided in Attachment 4. For both the If-Knew and Make Up portions, we solved for the amount of rate increase that would return the block to the originally priced lifetime loss ratio.

## Objection 6

Please explain what the company means when it states on the "Proposed Rate Schedule", "0\% Increase to Current-Year Premiums".

The request within this filing only impacts policies that have a Lifetime benefit period and High Inflation options. GLIC provided the entire rate table, so the majority of the cells would have a rate increase of $0 \%$ applied to them. Only the Lifetime High BIO policies would have the $95 \%$ increase applied, all others would match the current premiums. Please also note the 'Proposed Rate Schedule' includes the $1 \%$ Compound Inflation option that is being filed as an alternative option for policyholders.

## Objection 7

1) Pursuant to 14 VAC5-200-77 B. 3. a. please provide a description of the basis, that will withstand actuarial peer review, on which the $1 \%$ BIO rates were determined.
2) Pursuant to 14 VAC5-200-77 B. 3. i. please provide a complete description of pricing assumptions upon which the $1 \%$ BIO rates were determined.

The $1 \%$ Compound inflation option was priced to maintain approximate actuarial equivalence between policies that already have an inflation option and the new $1 \%$ Compound inflation. The equivalency was calculated looking at the future loss ratios for the two pricing groups, the current benefits under the current inflation and everyone electing the $1 \%$ Compound. The final premiums for the $1 \%$ Compound were developed by applying a load to the No BIO premiums. Going forward, the $1 \%$ Compound will be included in the Low BIO category and any potential future rate increases would be consistent with those requested on the Low BIO cohort. To ensure a sufficient level of credibility, the calculation was done on nationwide experience and the relativity will be the same nationwide.

The $1 \%$ Compound inflation option was pricing using assumptions consistent with 2021 CFT on a best estimate basis. The final premiums were developed to be consistent with the anticipated

## Objection Response

## Genworth Life Insurance Company

premiums for the policies with inflation used in the comparison. This would include an expectation for future approvals on those policies based on nationwide justified rate increases.

## Objection 8

To assist the Bureau in its review, for each of the subsets of the business split by none/simple/compound inflation protection, please provide (in Excel format) the following projections on a nationwide basis:
a. Current assumptions and current rates
b. Current assumptions with the proposed rate increase
c. Current assumptions with premiums restated as if the proposed rate schedule had been in effect from inception
d. Original assumptions and original premiums from inception
e. A projection showing all premiums at the original premium scale from inception (documenting past and future PV of premium for use in the 58/85 Test)

Please see Attachments 5-9 in the attached document "VA Flex 1 Objection 1 Attachments.xlsx" for the requested projections. Please note that GLIC has filed this rate increase request on the combined High BIO cohort, which includes 5\% Simple, 3\% Compound and 5\% Compound inflation options. Overall, we believe that experience between these inflation options has been comparable for the Flex product and they should be treated consistently. This rate increase request does not include any policies that have No BIO. However, GLIC has included the experience for the Low BIO policies (currently comprised of only No BIO policies) with this response.

## Objection 9

Pursuant to 14VAC5-130-60 B. 4. please provide the anticipated loss ratio and a description of how it was calculated for the new $1 \%$ BIO.

As noted in the response to question 7 , the pricing for the $1 \%$ Compound BIO option was done by solving for the load that would result in the same future loss ratio for current benefit elections and if all policyholders that were eligible elected the $1 \%$ BIO. There was no specific target for the lifetime loss ratio on the new option.

## Objection Response

## Genworth Life Insurance Company

## Objection 10

## Explain how the addition of the new $1 \%$ Compound BIO is not discriminatory since this is a closed block of business.

VA 38.2-508 states in part:

## No person shall:

2. Unfairly discriminate or permit any unfair discrimination between individuals of the same class and of essentially the same hazard (i) in the amount of premium, policy fees, or rates charged for any policy or contract of accident or health insurance, (ii) in the benefits payable under such policy or contract, (iii) in any of the terms or conditions of such policy or contract, or (iv) in any other manner.

GLIC does not believe the addition of a new Benefit Inflation Option is discriminatory. Specifically:

- Policyholders who have elected a BIO currently have an option to change the level of their benefits by changing their BIO. The addition of this choice gives policyholders more choices to tailor the benefits to their needs.
- The price of the new benefit level will be the same across all policyholders who elect it, which avoids inequities in the rates charged for people who move to the similar benefits.
- Because the new rate levels were calculated using actuarial equivalency on a future loss ratio basis with the entire High BIO inforce population, the new option accounts for differences in expected claims experience.

GLIC believes the proposed rates for the $1 \%$ Compound inflation option are reasonable compared to the benefits that will be provided for the option and that the offering of the new inflation option is not discriminatory to the policyholders of the block. Similar to policyholder alternatives previously filed and approved on other policy forms, the inclusion of this new option allows for policyholders to make decisions about their future benefits that best fit their financial situation.

## Objection 11

Please explain how the \# of policyholders dropped from 2,830 in the prior SERFF filing (GEFA-132466851) to 56 in this current rate request filing.

The supplement that was provided as part of the Actuarial Memorandum only includes information for policies where GLIC is requesting rate increases. The prior rate filing was seeking rate increases on a larger portion of the policies issued for this product. Please refer to the table provided in the response to Objection question 2 for a more in-depth view of the policyholders on these blocks that could be eligible for rate increases.

## Objection Response

## Genworth Life Insurance Company

## Objection 12

Please provide a comparison of the assumptions associated with the proposed rate increase to the assumptions associated with the most recently approved rate filing. For those assumptions that have changed, please justify the change.

GLIC reviews emerging experience as part of the assumption setting process for development of annual Cash Flow Testing assumptions. These assumptions are then used as best estimate assumptions for rate increase filings. At a high level, the filings mentioned above had the following CFT assumption sets:

$$
\begin{array}{ll}
2020 \text { Filing: } & \text { 2019CFT Assumptions + 15\% MAE } \\
2022 \text { Filing: } & \text { 2021CFT Assumptions + Moderately Adverse Scenario }
\end{array}
$$

The sections included below will attempt to highlight key differences between the assumption sets referenced above.

## Voluntary Lapse Rates

- Updated Experience for each successive assumption development process does not significantly increase lapse activity or impact the assumptions.
- Shock Lapse experience is excluded from lapse studies. Most lapse activity is excluded as rate increases have been implemented in most states for last few years.


## Healthy Life Mortality

- Updated experience continues to result in lower healthy life mortality rates than previously expected. 2021CFT mortality rates are significantly lower than those in 2019CFT.
- As highlighted in the new Memorandum, the credibility weighting formula was updated to put more weight on emerging experience and less weight on the historical baseline. This resulted in lower mortality assumptions.


## Incidence Assumptions

- Comparing incidence rates for Married, Standard Females Issued at Age 65 and Claiming at Attained Age 80 shows a small change due to the adjustment of the baseline assumption.

$$
\begin{array}{ll}
\circ & \text { 2019CFT Assumptions }=2.71 \% \\
\circ & 2021 \mathrm{CFT} \text { Assumptions }=3.75 \%
\end{array}
$$

- The change in incidence is not consistent across all cells, so we do not anticipate that Incidence would be a major driver of the request. However, incidence does contribute to the need for rate increases on this product.


## Claim Termination Rates

- Claim termination rates are developed for each month during the anticipated lifetime of claims and consist of Disabled Life Mortality rates and Claim Recovery rates. The assumption tables are therefore very difficult to efficiently summarize.
- Overall, claim termination rates continue to decrease in aggregate, increasing the need for rate increases from one assumption set to the next.


## Objection Response

## Genworth Life Insurance Company

## Utilization Rates and Trends

- The benefit utilization assumption consists of two components: 1) a calendar year specific current utilization rate and 2) a future cost of care inflation trend. These two are then combined with the benefit inflation option of the policy to calculate future utilization rates.
- Direct comparisons between the assumption sets are difficult. However, the base utilization rate did not materially change between the 2019 CFT and 2021 CFT assumption updates.
- The trend assumptions were changed significantly from the 2020 CFT assumptions to the updated 2021 CFT assumptions. This change in cost of care trends was the biggest driver for the increased requests in the updated filing.
- 2019CFT trend assumptions were between $1 \%$ (No BIO policies) and $2.3 \%$ (Compound policies) annually with slight variations for benefit period differences and site of claim (ALF, NH, HC).
- 2021CFT assumptions range between $0 \%$ (No BIO ) and $3.1 \%$ (Compound) with the weighted annual cost of care inflation significantly increasing.


## Moderately Adverse Margins

- The Flex 1 products were originally priced with a margin for adverse experience equitable to a $10 \%$ increase in the lifetime loss ratio.
- For 2020 filings, GLIC increased the margins to $15 \%$ as experience continued to put pressure on the best estimates and small changes to morbidity assumptions resulted in significant shifts to the lifetime loss ratio. The additional margin was deemed necessary to help mitigate the fluctuations in experience.
- For the 2022 filings, GLIC has developed new scenarios where specific assumptions were updated to determine the projections with margin. An explicit load was not used in this process, rather updates to three existing assumptions: benefit utilization trends, morbidity and mortality improvement and healthy life mortality. The resulting assumptions that cover moderately adverse experience result in margins that are higher than the previous $15 \%$ increase in the lifetime loss ratio.


## Objection Response

## Genworth Life Insurance Company

## Objection 13

Please identify the portion of the proposed rate increase that is attributed to each of the following components:

## a. Changes in the voluntary lapse assumptions

b. Changes in the mortality assumptions
c. Changes in the expected claim cost assumptions
d. Changes in any other assumptions (e.g., interest rates)

GLIC does not have a way to directly attribute the calculated rate increase to each of the individual assumptions, given the limitations of our modeling. However, we have been able to approximate the impacts using our forward-looking model runs. Please note that these are not exact attributions but are instead intended to give a general sense of how much each assumption change contributed to rate increase request.
Based on our analysis, the change in loss ratio attributed to each of the above assumptions are approximately:

- Benefit Utilization Rate: $80 \%$
- Mortality: 13\%
- Claim Termination Rate: 7\%
- Lapses: No significant impact
- Incidence: No significant impact


## Objection 14

Please confirm that the assumptions being used in this filing are not any more conservative than used in asset adequacy testing.

As indicated in Section 8 of the Actuarial Memorandum, this best estimate assumptions in this filing are consistent with Cash Flow Testing prior to any provision for contingency, adverse deviation or risk margin. The only significant difference in the two assumption sets is that the projections in this filing do not include any assumptions concerning policyholder behavior (i.e. shock lapses, RBO elections, etc.).

When determining the need for a rate increase, GLIC does not utilize separate assumptions for policyholder behavior. This includes adjustments to assumptions to account for anti-selective behavior and explicit assumptions for RBO and NFO elections that would affect the earned premium and incurred claims streams. GLIC does not believe that the potential of policyholders choosing to reduce or eliminate their benefits should affect the calculation of the rate increase.

## Objection Response

## Genworth Life Insurance Company

## Objection 15

## Please state the anticipated lifetime loss ratio anticipated in the initial filing.

The original nationwide filing for policy form 7052 was developed to yield an aggregated lifetime loss ratio of $74.6 \%$ based on the anticipated mix of business.

## Objection 16

A 58\% rate increase was approved under GEFA-132466851 on 4/01/2022.

1) Please advise the \% of In-Force policies to which the previous increase was applied.
2) Please justify the filing of this current rate increase in light of the fact that the full effect of the historical experience of the prior increase has not been fully measured.

Please refer to the table in Objection question 2. The prior rate increase would have been applied to all in-force policies that are Not Subject to the Revised Couples discount or 2,786 policies. This filing is intended to only impact the 56 policies within the Lifetime High BIO cohort that are Not Subject to the Revised Couples discount.

GLIC appreciates the Department's concern about how the prior rate increase might affect the emerging experience and the magnitude of the justified rate increase. However, we believe that this rate filing is still appropriate:

- The prior filing used assumptions and data based on the inforce as $12 / 31 / 2019$, whereas this filing is using assumption and data based on the inforce as of $12 / 31 / 2021$. This additional two years of experience demonstrates the need for the additional rate increase.
- Based on our nationwide experience for reduced benefit option elections, we do not expect policyholder behavior to have a material impact on the amount of rate increase that can be justified in this rate filing.
- The rate increase requested in this filing is narrowly focused, targeting the benefit levels that have shown significantly worsening experience. Any delay in approving necessary rate increase may ultimately increase the required amount of rate increase.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: December 16, 2022

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letter, dated January 6, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. Please note that in addition to the responses to the objection questions, GLIC has provided an updated Cover Letter explaining the changes made to the filing, an Addendum to the Actuarial Memorandum for this filing, and the updated exhibits supporting the Addendum as well as requests received in the objection received on November 10, 2022.

Please consider the following list of exhibits provided in the attached document 'VA Flex 1 Addendum Exhibits.xlsx’

| Exhibit Name | Explanation |
| :--- | :--- |
| Supplements | Updated Supplements for the Demographic information related to the <br> new cohorts |
| Exhibits 1a-1c | Nationwide Projections with Current rates and no MAE - Replaces <br> exhibits from original Actuarial Memo |
| Exhibits 2a-2c | Nationwide Projections with Current and Requested rates with MAS <br> - Replaces exhibits from original Actuarial Memo |
| Exhibits 3 and 4 | Nationwide projections consistent with Exhibits 1 and 2, Except these <br> include Premium Paying policies only (Remove Paid_up) - Replaces <br> exhibits 1a and 2a from Additional Exhibits from filing. |
| Exhibits 5-7 | Similar to Exhibits 3 and 4 but for Virginia Experience - Replaces <br> exhibits 3a and 4a from Additional Exhibits from filing. |
| Exhibit 8 | Expansion of Additional Exhibit V from original filing, adding claims <br> data for additional cohorts |
| Exhibit 9 | Replaces Additional Exhibit VIIa - Actual to Expected projections w. <br> new information for additional cohorts |
| Exhibits 10 and 11 | Replaces Additional Exhibits VIII - X - Actual to Expected exhibits <br> for best estimate assumptions |
| Exhibit 12 | Replaces Additional Exhibits XI - XII - Actual to Expected exhibits <br> for original pricing assumptions |
| Exhibit 13 | Replaces Additional Exhibit XIII - Status of Filing through <br> December 31, 2022 |
| Exhibit 14 from Objection 1 - Historical Incurred Claims |  |
| Exhibit 15 | Replaces Attachment 1 from <br> split by components |
| Exhibit 16-21 | Replaces Attachment 2 from Objection 1 - Blended If-Knew <br> projections for each cohort |
| Exhibit 22-25 | Replaces Attachments 3 and 4 from Objection 1 - PPV calculations <br> and supporting projections |
| Exhibit 26-27 | Replaces Attachments 5 and 6 from Objection 1 - Nationwide <br> projections for all cohorts without MAE, with and without requested <br> rate increas |
| Exhibit 28-29 | Replaces Attachment 7 from Objection 1 - Since Inception Exhibits <br> with Approved and Requested rate increases |
| Best Estimate Projections with Original Premium Rates |  |

## Objection Response

## Genworth Life Insurance Company

| Exhibit 30 | Nationwide Projections with Original Assumptions |
| :--- | :--- |
| Exhibit 31 | Blended If Knew (starting point is Exhibit 15) with Cost Sharing |
| Exhibit 32 | Blended If Knew Projections with 10\% MAE |
| Exhibits 33-36 | Nationwide Projections with Approved and Requested Premiums <br> with 10\% MAE |
| Exhibits 37-38 | Nationwide Projections with Approved and Requested Premiums <br> Since Inception with 10\% MAE |
| Exhibits 39-40 | Nationwide Projections with Original Premiums and 10\% MAE |

## 1. Please provide a complete set of all previously submitted projections using MAE of 10\% of future claims.

GLIC does not believe that the MAE of $10 \%$ that was used with the initial filing is still appropriate for use on this block. GLIC has been closely following the experience and evaluating the appropriateness of the margin for many years. The progression to the Moderately Adverse Scenario (MAS) used in the current filing is a good faith effort to provide more stability in LTC rate levels. GLIC believes the Department should consider the progression to MAS when determining its appropriateness:

- In GLIC's initial rate filings justified rate increases were calculated using a $10 \%$ margin applied to expected lifetime claims. As experience emerged, GLIC was surpassing the $10 \%$ margin every other year leading to continual requests for increases.
- In 2020, GLIC began filing with a $15 \%$ margin applied to expected lifetime claims. This $15 \%$ margin was used nationwide on all rate stability products, including the 2021 Association Group filing submitted in Texas that was disapproved. The $15 \%$ margin was also breached quickly.
- In 2022, GLIC moved away from a flat percentage and created a moderately adverse scenario intended to reflect how experience would emerge if the negative trends in the data were fully realized. The intent is that this margin is sufficient even if experience continues to decline.

While the moderately adverse scenario provides a larger margin percentage than the flat $10 \% \mathrm{MAE}$ factor, GLIC believes it is appropriate for the following reasons:

- Rate stability regulation required a margin be used in pricing with the explicit goal to stabilize long term care premiums. The flat $10 \%$ MAE factor has been repeatedly breached and is not serving the intended goal of stabilizing rates. By determining margin based on a scenario where emerging negative trends are realized, GLIC believes MAS will produce more stable rates.
- The $10 \%$ margin in GLIC's filings prior to 2020 was carryover from the $10 \%$ margin used in pricing. This margin, determined at pricing, was based on actuarial judgement with no experience to support the percentage. The move to $15 \%$ margin and then MAS was based less on actuarial judgement and more on the emerging experience.


## Objection Response

## Genworth Life Insurance Company

- Over the past 4 years the number of claims backing assumptions has doubled. This has both reinforced the inadequacy of a $10 \%$ margin and lends credibility to the assumptions being used to develop the Moderately Adverse Scenario. GLIC continues to get more data, and it is not unreasonable to expect that claims will have increased by another $50 \%$ in the next 4 years. These products are still relatively young with significant uncertainty which supports the need for a higher margin.
- Ultimately, our actuaries are required to certify that "no further premium rate schedule increases are anticipated if the requested premium rate schedule increase is implemented and the underlying assumptions, which reflect moderately adverse experience are realized." Under a $10 \%$ margin our actuaries cannot certify to that statement.

GLIC stands firm on the belief that MAS is the appropriate margin to use; however, we recognize the Department's request for revised 80.1/85 tests using a $10 \%$ MAE factor and have provided updated versions of those tests in "TX Association Group Objection 7 Attachments.xlsx". This file contains updated versions of the with MAE dual loss ratio tests only (Attachmends 3c, 3d, and $4 b)$. The without MAE versions were not impacted by this request and therefore not updated. GLIC views these exhibits as informational only.

GLIC has provided the requested information in Exhibit 22-29 in "VA Flex 1 Addendum.xlsx". Since Flex product was originally priced with a margin for adverse experience equitable to a $10 \%$ increase in the lifetime loss ratio, the original pricing projection was not provided. And since $15 \%$ MAE was used in the previous filing, PPV projection with $10 \%$ was not provided,

## 2. Please include all formulas in Attachment 2.

Please see Exhibit 16-21 in "VA Flex 1 Addendum.xlsx" for PPV exhibit calculation.
3. Please describe more completely the premiums assumed in each of Attachments 3a, 3b and 3c.

Premiums assumed in Attachments 3a and 3b were both under 2019 CFT assumptions. In Attachment 3b, $65.7 \%$ rate increase was applied to the projections under the assumption that the requested rate increase in October 19, 2020 was fully approved, while this rate increase was not applied to Attachment 3a. Premiums in Attachments 3c was under 2021 CFT assumptions with actual rate increase history.

In addition, these projections only included active policyholders currently paying premium.

## Objection Response

## Genworth Life Insurance Company

4. Please include the cost-sharing component of the Blended If-Knew/Makeup method in Attachment 4 and include all formulas.

GLIC has provided the requested information in Exhibit 31 in "VA Flex 1 Addendum.xlsx". GLIC should note that we believe the Cost Sharing component of the Blended If-Knew methodology creates a redundant limitation to the justified rate increase. The application of the blended if-knew includes the If-Knew methodology, which is inappropriate and inconsistent with LTC regulations. The inclusion of the If-Knew results in an arbitrary haircut to the justified increase already, and a cost sharing component applied on top of that result further limits the company's ability to obtain necessary rate increases. We believe that any application of the Blended If-Knew for GLIC should not include the redundant cost sharing provisions as the rate increases being requested by GLIC are necessary to maintain company solvency and arbitrary limitations are not appropriate.
5. Please show the calculations that produce the If-Knew and Makeup percentages in Attachment 4.

For both the If-Knew and Make Up portions, the amount of rate increase was solved through the modeling tool that would return the block to the originally priced lifetime loss ratio. Therefore, GLIC is unable to provide the calculations.
6. Please provide a projection on the same basis as Attachment 8 (Original assumptions and original premiums from inception), but for the same subset of policies used in Exhibits Ia and IIa.

The original pricing projections for Lifetime High BIO and Limited High BIO are provided in Exhibit 30 in "VA Flex 1 Addendum.xlsx".

Please note that GLIC is unable to split the original pricing assumptions based on revised couples discount due to system limitations but does not expect this to make a material difference in the results. The two cohorts have comparable benefits and demographics and were priced with the same underlying claim expectations.
7. Please provide the active life reserve balance as of the projection date on a nationwide basis for the subset of policies covered by this filing (High BIO, Lifetime, No Couples discount).

Please see the table below for the active life reserve balance as of December 31, 2021 for the subsets of policies covered by this filing.

## Objection Response

Genworth Life Insurance Company

| Policies that are subject to revised couple's discount |  |  |
| :--- | :--- | ---: |
| Lifetime High BIO | $\$$ | $56,614,696$ |
| Limited High BIO | $\$$ | $111,056,065$ |
| Policies that are not subject to revised couple's discount |  |  |
| Limited High BIO | $\$$ | $826,639,619$ |

8. Does Additional Exhibit XIII include information about this round of targeted increases? If not, please add information pertaining to the current rate action.

Additional Exhibit XIII did not include information about this round of targeted increases. Please see Exhibit 13 in "VA Flex 1 Addendum.xlsx" for the updated status of filing.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: February 17, 2023

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letter, dated March 13, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. The comments and our responses are as follows:

1. There are 17 policy forms, endorsements, and riders listed on page 1 of the actuarial memorandum. Page 3 lists a number of benefits and optional riders. Please provide a description for each of the 17 policy forms, endorsements, and riders including the SERFF Tracking \# under which each was approved.

The 17 referenced policy forms, endorsement, and riders listed on page 1 of the actuarial memorandum were all approved under the SERFF Tracking Number, GEFA-126825490, on $12 / 14 / 2011$. Each of the pieces include an applicable filing document under the referenced SERFF Tracking Number. A list of the 17 forms, endorsements, and riders are listed below with the applicable form name.

| Form | Description |
| :--- | :--- |
| 7052 VA | Individual Long Term Care Policy |
| 7052 END-RP10 VA | 10 Year Refund of Premium on Death Benefit Endorsement |
| 7052 END-GRP VA | Graded Refund of Premium on Death Benefit Endorsement |
| 7052 END-RB | Restoration Benefit Endorsement |
| 7052 END-TB | Transition Benefit Endorsement |
| 7052 END-INF | International Nursing Facility Benefit Endorsement |
| 7052 END-IC | International Coverage Benefit Endorsement |
| 7052 RDR-RP10 VA | 10 Year Refund of Premium on Death Benefit Rider |
| 7052 RDR-GRP VA | Graded Refund of Premium on Death Benefit Rider |
| 7052 RDR-RB | Restoration Benefit Rider |
| 7052 RDR-TB | Transition Benefit Rider |
| 7052 RDR-NFO VA | Nonforfeiture Benefit Rider |
| 7052 RDR-SC | Shared Coverage Rider |
| 7052 RDR-SURV10 VA | 10 Year Survivorship Benefit Rider |
| 7052 RDR-ESURV VA | Enhanced Survivorship Benefit Rider |
| 7052 RDR-LP65 VA | To Age 65 Premium Payment Rider |
| 7052 RDR-LP10 VA | 10 Year Premium Payment Rider |

## 2. Please clarify that the proposed rate increase is only to the base rate and does not apply to the riders. Please clearly list any exceptions.

The proposed rate increase is applied to the base rate table, increasing the base rates. However, the rates for the riders were factors applied to the base rates. In the situation where the base rate table increases, the premium associated with the riders would also increase. A $50 \%$ requested rate increase would result in the entire amount a policyholder pays increasing by $50 \%$, which includes premium associated with riders. Within the filing the factor that is applied for each rider is not changing.

## Objection Response

Genworth Life Insurance Company
3. Exhibit IA states that it represents, "Lifetime High BIO With Virginia Approved Rate Increase* without MAE". Applicable to policies that are not subject to couples discount. Then at the bottom of the exhibit, under "Accumulated and Present Values as of 12 31/2021 Lifetime with MAE". This statement is confusing due to the statement at the top that states the exhibit is "without MAE". Please clarify.

The cash flows provided in Exhibit I do not include MAE, as stated in the header. In the 'Accumulated and Present Value' section at the bottom GLIC provides 4 summary values: Past, Future, Lifetime, and Lifetime with MAE. The first three pertain directly to the above cash flows, without MAE. The 'Lifetime with MAE' section is provided to give a comparative view of the loss ratios based on the current approved premiums when MAE was included.

Regards,


Matthew E. Haladay, FSA, MAAA AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: March 22, 2023

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letter, dated March 9, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. The comments and our responses are as follows:

1. For ease of comparison purposes, please organize the proposed premium rate schedule columns to match those in the previously approved rate increase filing GEFA-1324466851. Move the $\mathbf{1 \%}$ BIO column to the far right since this is a new addition.

Please see the attached documents 'VA Flex 1 CO Rate Tables.pdf' and 'VA Flex 1 LD Rate Tables.pdf', which recorder the proposed premium rate schedule columns as requested.
2. (Shows clarifying note from Note to Filer sent $\mathbf{3 / 1 0 / 2 0 2 3}$ )

The administrative code (14VAC5-130-50) was cited was in error. What we would like the company to clarify is if charging different rates for policies with a couple's discount vs. those without the couple's discount is considered unfair discrimination pursuant to $\S$ 38.2-508. Unfair discrimination.
Section 2. states:

- 2. Unfairly discriminate or permit any unfair discrimination between individuals of the same class and of essentially the same hazard (i) in the amount of premium, policy fees, or rates charged for any policy or contract of accident or health insurance, (ii) in the benefits payable under such policy or contract, (iii) in any of the terms or conditions of such policy or contract, or(iv) in any other manner

As the Bureau is aware, GLIC adjusted the couples discount applicable to Flex policies, which adjustment was approved by the Bureau on 12/20/2012 under the SERFF\# GEFA-128311783. Policies with the couples discount issued prior to the change received rates based on the old discount structure, and policies issued on or after that point received rates based on the revised discount structure. Since these cohorts of policies were generally available and issued at different times, with different underwriting criteria, different discounts, and different approved rates, GLIC believes it is appropriate and in compliance with § 38.2-508 to continue to treat them as separate cohorts for rate increase purposes. Accordingly, GLIC has separated the request and experience for the two larger cohorts ('Subject to the Revised Couples Discount' and 'Not Subject to the Revised Couples Discount') of policies to be consistent with the change to the discounts and update to the underwriting practices at the time of application. Consistent with this approach, policies subject to the Revised Couples Discount were not included in the prior 2020 Flex filing and the subsequent approval did not impact their premiums. All of that said, if the Bureau would like to discuss this approach, we would be happy to do so.
3. The first line of the February 2023 Addendum to Actuarial Memorandum references Pennsylvania. Please advise if this memo is intended for Virginia and if all information contained in it is relevant to Virginia.

The February 2023 Addendum to the Actuarial Memorandum inadvertently referenced Pennsylvania in the beginning paragraph of the document. All other information was relevant for

## Objection Response

## Genworth Life Insurance Company

Virginia and this filing. Please see the revised addendum attached 'VA Flex 1 Addendum 2023.02.17 - Revised' as no other changes needed to be made.
4. Please advise if the chart for the prior response \#7 related to the active life reserve balance by subset is mislabeled. It appears that the heading for "subject to" vs. "not subject to" is reversed.

GLIC apologizes for the confusion on the chart provided in the prior response related to active life reserves. The labels on the provided table were switched regarding the couple's discount. Please see the table below regarding the active life reserve balances on the filed cohorts on this policy form as of December 31, 2021.

| Policies that are not subject to revised couple's discount |  |
| :---: | :---: |
| Lifetime High BIO | $\$ 56,614,696$ |
| Limited High BIO | $\$ 111,056,065$ |
| Policies that are subject to revised couple's discount |  |
| Limited High BIO | $\$ 826,639,619$ |

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: March 23, 2023

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letters, dated March 30, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. The comments and our responses are as follows:

1. Please provide the number of policyholders with the Couples Discount with the Lifetime High BIO benefit. The company states that no rate increase is requested for this subset. Confirm if the historical, projected and lifetime experience has been included even though no rate increase has been requested.

In Virginia, there were no policies issued with the Revised Couples Discounts and Lifetime Benefits. Since exhibits have been shown a more granular cohort level, the experience for Lifetime Benefits and Revised Couples Discounts have not been included in this filing. Please note that nationwide only one policy was issued with Lifetime and the Revised Couples Discount.
2. Please note that there is an outstanding objection in SERFF for which the company provided a "post-submission" update. Just respond to the outstanding objection letter of 3/23/2023 by stating that a post-submission update was submitted on $\mathbf{3 / 2 3 / 2 0 2 3}$ in response to the objection.

Please note that we have updated Objection 7 to include a response indicating that we updated the SERFF inputs on $3 / 23 / 2023$.
3. In the previous rate filing, GEFA-132466851, the company reported the total number of policyholders as $\mathbf{2 , 8 3 0}$. In this filing the number has grown to $\mathbf{3 , 3 4 2}$. Please explain this discrepancy since this is a closed block of business.

Also, in the company 12/18/2022 objection response, the total policyholder count for Couples with and without the discount is 3,427 instead of the reported 3,342 . Please explain this discrepancy. In our earlier objection letter, it appears from the company's 12/18/2022 response that the count for the Lifetime High BIO with Couples Discount is 0. Please confirm in that response that this is the correct count..

In order to help with this response, we are providing the table included in the prior response with updated information. During our review for this response, we noticed that several pieces of information in that original table were mistakenly typed incorrectly, resulting in numbers that do not tie out with each other. Please use the table shown below with updated information.

Please note that the Limited High BIO numbers previously provided were incorrect for both underwriting cohorts. Those two numbers have been corrected, which will hopefully help eliminate all discrepancies.

## Objection Response

Genworth Life Insurance Company

| Cohort Description | Not Subject to <br> Revised Couples | Subject to <br> Revised Couples |
| :--- | :---: | :---: |
| Counts | Counts |  |
| Lifetime High BIO | 56 | 0 |
| Limited High BIO | 2,675 | 611 |
| Lifetime Low BIO | 4 | 0 |
| Limited Low BIO | 48 | 26 |

Please see the following breakdown of the counts in question:

- 2,830 - From the prior filing, this would correspond to the inforce policies within the 'Not Subject to Revised Couples Discount' cohort. This was the only cohort included in the prior filing. As of 12/31/2021, this group now contains 2,783 policies.
- 3,342 - From this filing, this is meant to represent the number of policyholders that are subject to the rate increase requests. This consists of members of the Limited High BIO and Lifetime High BIO groups ( $56+2,675+611$ ).
- 3,427 - This was meant to represent all policyholders across all eight demographic groupings in the table. With the updated numbers within this response, the total should actually be 3,420 ( 2,783 from No Subject +637 Subject). GLIC apologizes for the previously provided information being mistyped.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: April 5, 2023

## Objection Response

## Genworth Life Insurance Company

This letter is in response to the comments received in your objection letters, dated April 10, 2023, to Genworth Life Insurance Company's (GLIC's) Virginia Flex 1 rate increase request. The comments and our responses are as follows:

1. As requested in the previous objection ( $01 / 06 / 2023$ ), the Bureau requires that all supporting projections must be updated to use the $10 \%$ MAE and for each of the segments that the Company has expanded the rate increases to apply. Projections include:
a. NW projections without the requested rate increase
b. NW projections including the requested rate increase
c. NW projections using all original assumptions for the actual cohort of policies issued
d. Demonstration of compliance with 14VAC5-200-153 G.2., where the "original anticipated lifetime loss ratio" is calculated in accordance with item c. of this request e. All projections and calculations supporting the Prospective Present Value (Texas) Method (including the restatement of the present values under prior assumptions to use $\mathbf{1 0 \%}$ MAE)
f. All projections and calculations supporting the If-Knew/Makeup Blend (Minnesota) Method, including cost-sharing as specified on pages 23-24 of the LTCI MSA Framework. Note: previous rate increases must also be backed out of the allowable increase under this method

Please either supply revised exhibits or identify which exhibits the Company has provided and believes satisfy each of the above.

Please see the attached document "VA Flex 1 Objection 9 Attachments" for the requested exhibits.

- Attachment 1 includes nationwide experience with the current approved premiums where the incurred claims include a $10 \%$ margin for adverse experience.
- Attachment 2 includes nationwide experience with the requested rate increase where the incurred claims include a $10 \%$ MAE.
- Attachment 3 includes nationwide experience using all original assumptions for the actual cohort of policies issued.


## Objection Response

## Genworth Life Insurance Company

- Attachments 4 and 5 contain the updated dual loss ratio tests with a $10 \%$ MAE and the current requests. The current requests do not pass either test with the $10 \%$ MAE.
- While GLIC still believes that the updated margin contained in the exhibits submitted with this rate increase request are appropriate, we have calculated the amounts that would pass both the 58/85 and the Original LLR/85 tests.
- Passing $58 / 85$ with $10 \%$ MAE would require the following requests:
- Lifetime High BIO Not subject to Couple's Discount - 96.9\%
- Limited High BIO Not subject to Couple's Discount - 52.7\%
- Limited High BIO Subject to Couple's Discount - 70.0\%
- Passing $73.5 / 85$ with $10 \%$ MAE would require the following requests:
- Lifetime High BIO Not subject to Couple's Discount - 60.4\%
- Limited High BIO Not subject to Couple's Discount - 20.2\%
- Limited High BIO Subject to Couple's Discount - 26.7\%
- Attachment 6 is the updated PPV calculation and Attachments 7-9 contain the supporting projection exhibits for the PPV calculation.
- Attachment 10 is the updated Blended If-Knew calculation.

2. It may be advantageous for the Company to update Exhibit 13 with any filing dispositions or new filings that have occurred since December 31, 2022.

Please see Attachment SOF CO in the attached document "VA Flex 1 Objection 9 Attachments" for the requested update of our Status of Filings for policies Not Subject to the Couples Discount.
3. Please provide an exhibit analogous to Exhibit 13 for policies subject to the couples discount.

Please see Attachment SOF LD in the attached document "VA Flex 1 Objection 9 Attachments" for the requested update of our Status of Filings for policies Subject to the Couples Discount.

## Objection Response

## Genworth Life Insurance Company

4. The active life reserve balance for Limited High BIO subject to revised couple's discount is $826,639,619$, which is almost twice the $P V$ of future benefits of $418,710,468$ in Exhibit 34b. At the same time, the ALR balance for Limited High BIO not subject to revised couple's discount is $\mathbf{1 1 1 , 0 5 6 , 0 6 5}$, which is only $\mathbf{3 . 5 \%}$ the PV of future benefits of $\mathbf{3 , 2 1 0 , 9 4 9 , 6 6 2}$ in exhibit 33c.

Please confirm that these ALR numbers represent the same segment of policies that is included in the cited projections.

GLIC apologizes for the confusion on the chart provided in the prior response related to active life reserves. While the numbers were correct, they were applied to the wrong cohorts. Please see the table below regarding the active life reserve balances on the filed cohorts on this policy form as of December 31, 2021.

| Policies that are not subject to revised couple's discount |  |
| :---: | :---: |
| Lifetime High BIO | $\$ 56,614,696$ |
| Limited High BIO | $\$ 826,639,619$ |
| Policies that are subject to revised couple's discount |  |
| Limited High BIO | $\$ 111,056,065$ |

5. Please correct Exhibit 36b, which is supposed to contain a $\mathbf{9 4 . 8 \%}$ rate increase, but which has identical values to Exhibit 34b without increase.

Please see Attachment 11 in the attached document "VA Flex 1 Objection 9 Attachments" for the requested exhibit with the $94.8 \%$ rate increase included.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: May 9, 2023

Genworth Life Insurance Company
Attachment 1a: Flex 1 Policy Forms - Nationwide Experience Applicable to Policies Not Subject to the Revised Couples Discount PPV Calculations - Lifetime High BIO

Total Rate Increase \% (Base + Catch-up)
199.5\%

|  | Catch-up |
| :--- | ---: |
| AV(Premium Requested Past) | $137,649,054$ |
| AV(Premium Approved Past) | $128,133,838$ |
| PV(Premium Requested Future) | $158,381,319$ |
| PV(Premium Approved Future) | $97,325,922$ |
|  |  |
| PVcurrent(Future Earned Premium) | $98,291,219$ |
| Catch-up Rate Increase \% | $\mathbf{7 1 . 8 \%}$ |


| Base |  |
| :--- | ---: |
| PV(Current Year CFT Future Earned Premium) | $98,291,219$ |
| PV(Filing Year CFT Future Earned Premium) | $97,325,922$ |
| Inc in Earned Premium | 965,297 |
|  |  |
| PV(Current Year CFT Future Incurred Claims) [1] | $312,567,324$ |
| PV(Filing Year CFT Future Incurred Claims) [2] | $215,043,742$ |
| Current Year MAE | $10 \%$ |
| Prior Year MAE | $10 \%$ |
| Inc in Incurred Claims | $107,275,940$ |


| PVcurrent(Future Earned Premium) | $98,291,219$ |
| :--- | ---: |
| Cumulative rate increase | $0.0 \%$ |
|  | $\mathbf{1 2 7 . 7 \%}$ |
| Base Rate Increase \% |  |


|  | Catch-up |
| :--- | ---: |
| AV(Premium Requested Past) | $1,612,626,252$ |
| AV(Premium Approved Past) | $1,612,626,252$ |
| PV(Premium Requested Future) | $2,384,672,265$ |
| PV(Premium Approved Future) | $1,460,117,962$ |
|  |  |
| PVcurrent(Future Earned Premium) | $\mathbf{1 , 4 6 6 , 9 4 6 , 2 0 0}$ |
| Catch-up Rate Increase \% | $\mathbf{6 3 . 0 \%}$ |


| Base |  |
| :--- | ---: |
| PV(Current Year CFT Future Earned Premium) | $1,466,946,200$ |
| PV(Filing Year CFT Future Earned Premium) | $1,460,117,962$ |
| Inc in Earned Premium | $6,828,239$ |
|  |  |
| PV(Current Year CFT Future Incurred Claims) [1] | $3,773,060,552$ |
| PV(Filing Year CFT Future Incurred Claims) [2] | $2,399,874,863$ |
| Current Year MAE | $10 \%$ |
| Prior Year MAE | $10 \%$ |
| Inc in Incurred Claims | $1,510,504,258$ |


|  | Catch-up |
| :--- | ---: |
| AV(Premium Requested Past) | $224,188,814$ |
| AV(Premium Approved Past) | $224,188,814$ |
| PV(Premium Requested Future) | $277,397,151$ |
| PV(Premium Approved Future) | $277,397,151$ |
|  |  |
| PVcurrent(Future Earned Premium) | $278,314,120$ |
| Catch-up Rate Increase \% | $\mathbf{0 . 0 \%}$ |


| Base |  |
| :--- | ---: |
| PV(Current Year CFT Future Earned Premium) | $278,314,120$ |
| PV(Filing Year CFT Future Earned Premium) | $277,397,151$ |
| Inc in Earned Premium | 916,969 |
|  |  |
| PV(Current Year CFT Future Incurred Claims) [1] | $513,663,042$ |
| PV(Filing Year CFT Future Incurred Claims) [2] | $324,301,285$ |
| Current Year MAE | $10 \%$ |
| Prior Year MAE | $10 \%$ |
| Inc in Incurred Claims | $208,297,933$ |

Genworth Life Insurance Company
Attachment 2a: Flex 1 Policy Forms - Nationwide Experienct
Prior Assumptions With Virginia Approved Rate Increase with $10 \%$ MAl
Applicable to Policies Not Subject to the Revised Couples Discoun
Lifetime High BIO

| Calendar Year | Earned Premium | Incurred Claims |  |  |
| :---: | ---: | ---: | ---: | ---: | Loss Ratio | Discount Factor |
| :---: |
| 2011 |

Genworth Life Insurance Company
Attachment 2b: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Full One Time Approval with 10\% MAI Applicable to Policies Not Subject to the Revised Couples Discoun Lifetime High BIO

| Calendar Year | Earned Premium | Incurred Claims |  |  |
| :---: | ---: | ---: | ---: | ---: | Loss Ratio | Discount Factor |
| :---: |
| 2011 |

Genworth Life Insurance Company
Attachment 2c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with 10\% MA
Applicable to Policies Not Subject to the Revised Couples Discoun
Lifetime High BIO


Genworth Life Insurance Company
Attachment 3a: Flex 1 Policy Forms - Nationwide Experienct
Prior Assumptions With Virginia Approved Rate Increase with 10\% MAI
Applicable to Policies Not Subject to the Revised Couples Discoun
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 133,127,988 | 936,712 | 0.7\% | 1.3730 |
| 2014 | 149,825,012 | 1,333,295 | 0.9\% | 1.3228 |
| 2015 | 148,339,626 | 2,831,355 | 1.9\% | 1.2743 |
| 2016 | 146,029,214 | 4,933,503 | 3.4\% | 1.2277 |
| 2017 | 144,208,299 | 4,304,575 | 3.0\% | 1.1827 |
| 2018 | 142,512,503 | 5,595,079 | 3.9\% | 1.1394 |
| 2019 | 141,022,632 | 6,264,335 | 4.4\% | 1.0977 |
| 2020 | 139,566,467 | 4,661,909 | 3.3\% | 1.0575 |
| 2021 | 137,247,111 | 3,522,727 | 2.6\% | 1.0188 |
| 2022 | 122,700,766 | 28,108,492 | 22.9\% | 0.9815 |
| 2023 | 113,304,672 | 33,693,037 | 29.7\% | 0.9456 |
| 2024 | 111,560,198 | 40,097,167 | 35.9\% | 0.9110 |
| 2025 | 109,704,763 | 46,813,089 | 42.7\% | 0.8776 |
| 2026 | 107,709,525 | 53,420,804 | 49.6\% | 0.8455 |
| 2027 | 105,523,049 | 59,596,839 | 56.5\% | 0.8145 |
| 2028 | 103,112,257 | 66,381,752 | 64.4\% | 0.7847 |
| 2029 | 100,428,942 | 74,263,402 | 73.9\% | 0.7560 |
| 2030 | 97,424,686 | 83,952,944 | 86.2\% | 0.7283 |
| 2031 | 94,066,751 | 95,217,078 | 101.2\% | 0.7017 |
| 2032 | 90,350,804 | 105,815,596 | 117.1\% | 0.6760 |
| 2033 | 86,400,821 | 117,597,630 | 136.1\% | 0.6512 |
| 2034 | 82,295,637 | 130,980,363 | 159.2\% | 0.6274 |
| 2035 | 78,067,222 | 143,369,959 | 183.6\% | 0.6044 |
| 2036 | 73,743,210 | 154,615,664 | 209.7\% | 0.5823 |
| 2037 | 69,350,035 | 164,673,174 | 237.5\% | 0.5610 |
| 2038 | 64,904,196 | 174,514,519 | 268.9\% | 0.5404 |
| 2039 | 60,427,941 | 184,778,388 | 305.8\% | 0.5207 |
| 2040 | 55,953,781 | 192,752,386 | 344.5\% | 0.5016 |
| 2041 | 51,525,007 | 198,955,879 | 386.1\% | 0.4832 |
| 2042 | 47,183,336 | 203,972,938 | 432.3\% | 0.4655 |
| 2043 | 42,949,417 | 206,993,583 | 481.9\% | 44.8\% |
| 2044 | 38,846,657 | 207,885,952 | 535.1\% | 0.4321 |
| 2045 | 34,907,000 | 204,894,547 | 587.0\% | 0.4163 |
| 2046 | 31,165,553 | 199,728,869 | 640.9\% | 0.4010 |
| 2047 | 27,653,148 | 194,270,693 | 702.5\% | 0.3863 |
| 2048 | 24,375,516 | 186,719,802 | 766.0\% | 0.3722 |
| 2049 | 21,335,222 | 176,817,071 | 828.8\% | 0.3586 |
| 2050 | 18,540,086 | 164,705,137 | 888.4\% | 0.3454 |
| 2051 | 16,001,820 | 151,526,001 | 946.9\% | 0.3328 |
| 2052 | 13,722,113 | 139,320,477 | 1015.3\% | 0.3206 |
| 2053 | 11,687,275 | 127,309,809 | 1089.3\% | 0.3089 |
| 2054 | 9,882,997 | 115,124,506 | 1164.9\% | 0.2976 |
| 2055 | 8,297,492 | 103,312,774 | 1245.1\% | 0.2867 |
| 2056 | 6,919,668 | 91,628,960 | 1324.2\% | 0.2762 |
| 2057 | 5,735,628 | 79,561,739 | 1387.1\% | 0.2661 |
| 2058 | 4,724,877 | 68,183,935 | 1443.1\% | 0.2563 |
| 2059 | 3,867,639 | 58,856,365 | 1521.8\% | 0.2469 |
| 2060 | 3,146,600 | 50,961,222 | 1619.6\% | 0.2379 |
| 2061 | 2,545,129 | 44,012,595 | 1729.3\% | 0.2292 |
| 2062 | 2,046,989 | 37,884,562 | 1850.7\% | 0.2208 |
| 2063 | 1,637,051 | 32,378,639 | 1977.9\% | 0.2127 |
| 2064 | 1,302,369 | 27,488,402 | 2110.6\% | 0.2049 |
| 2065 | 1,030,939 | 23,379,753 | 2267.8\% | 0.1974 |
| 2066 | 811,985 | 19,875,416 | 2447.8\% | 0.1902 |
| 2067 | 636,550 | 16,728,474 | 2628.0\% | 0.1832 |
| 2068 | 497,010 | 13,913,404 | 2799.4\% | 0.1765 |
| 2069 | 386,636 | 11,648,045 | 3012.7\% | 0.1701 |
| 2070 | 299,491 | 9,647,834 | 3221.4\% | 0.1638 |
| 2071 | 230,721 | 7,861,083 | 3407.2\% | 0.1578 |
| 2072 | 176,565 | 6,417,445 | 3634.6\% | 0.1521 |
| 2073 | 134,088 | 5,203,683 | 3880.8\% | 0.1465 |
| 2074 | 100,996 | 4,143,238 | 4102.4\% | 0.1411 |
| 2075 | 75,399 | 3,271,381 | 4338.8\% | 0.1360 |
| 2076 | 55,721 | 2,560,223 | 4594.7\% | 0.1310 |
| 2077 | 40,756 | 1,951,478 | 4788.2\% | 0.1262 |
| 2078 | 29,532 | 1,422,917 | 4818.2\% | 0.1216 |
| 2079 | 21,222 | 1,021,724 | 4814.5\% | 0.1171 |
| 2080 | 15,130 | 726,885 | 4804.3\% | 0.1128 |
| 2081 | 10,702 | 513,238 | 4795.5\% | 0.1087 |
| Past | 1,612,626,252 | 39,606,094 | 2.5\% |  |
| Future | 1,460,117,962 | 2,399,874,863 | 164.4\% |  |
| Lifetime | 3,072,744,214 | 2,439,480,957 | 79.4\% |  |

Attachment 3b: Flex 1 Policy Forms - Nationwide Experienct
Prior Assumptions With Full One Time Approval with 10\% MAI Applicable to Policies Not Subject to the Revised Couples Discoun Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims |  |  |
| :---: | ---: | ---: | ---: | ---: | Loss Ratio | Discount Factor |
| :---: |
| 2011 |

Genworth Life Insurance Company
Attachment 3c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with 10\% MA
Applicable to Policies Not Subject to the Revised Couples Discoun
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 |
| 2014 | 149,825,012 | 1,253,294 | 0.8\% | 1.3228 |
| 2015 | 148,339,626 | 2,636,532 | 1.8\% | 1.2743 |
| 2016 | 146,029,214 | 4,389,350 | 3.0\% | 1.2277 |
| 2017 | 144,208,299 | 4,286,565 | 3.0\% | 1.1827 |
| 2018 | 142,512,503 | 5,388,285 | 3.8\% | 1.1394 |
| 2019 | 141,022,632 | 5,288,104 | 3.7\% | 1.0977 |
| 2020 | 139,566,467 | 4,501,132 | 3.2\% | 1.0575 |
| 2021 | 137,247,111 | 3,367,232 | 2.5\% | 1.0188 |
| 2022 | 122,658,581 | 29,484,140 | 24.0\% | 0.9815 |
| 2023 | 113,221,382 | 37,324,619 | 33.0\% | 0.9456 |
| 2024 | 111,478,123 | 46,874,635 | 42.0\% | 0.9110 |
| 2025 | 109,634,764 | 58,258,211 | 53.1\% | 0.8776 |
| 2026 | 107,649,641 | 70,720,747 | 65.7\% | 0.8455 |
| 2027 | 105,479,777 | 83,693,018 | 79.3\% | 0.8145 |
| 2028 | 103,100,866 | 97,879,295 | 94.9\% | 0.7847 |
| 2029 | 100,486,861 | 113,805,473 | 113.3\% | 0.7560 |
| 2030 | 97,605,173 | 131,132,235 | 134.3\% | 0.7283 |
| 2031 | 94,449,126 | 149,065,374 | 157.8\% | 0.7017 |
| 2032 | 91,010,055 | 166,649,815 | 183.1\% | 0.6760 |
| 2033 | 87,333,614 | 185,797,024 | 212.7\% | 0.6512 |
| 2034 | 83,455,182 | 207,152,200 | 248.2\% | 0.6274 |
| 2035 | 79,398,338 | 227,182,416 | 286.1\% | 0.6044 |
| 2036 | 75,197,551 | 247,372,297 | 329.0\% | 0.5823 |
| 2037 | 70,866,220 | 267,916,477 | 378.1\% | 0.5610 |
| 2038 | 66,420,060 | 288,140,028 | 433.8\% | 0.5404 |
| 2039 | 61,885,615 | 308,012,703 | 497.7\% | 0.5207 |
| 2040 | 57,297,978 | 322,575,765 | 563.0\% | 0.5016 |
| 2041 | 52,708,064 | 333,272,951 | 632.3\% | 0.4832 |
| 2042 | 48,167,567 | 341,288,326 | 708.5\% | 0.4655 |
| 2043 | 43,711,703 | 345,144,098 | 789.6\% | 44.8\% |
| 2044 | 39,373,172 | 344,855,952 | 875.9\% | 0.4321 |
| 2045 | 35,208,483 | 337,858,520 | 959.6\% | 0.4163 |
| 2046 | 31,268,518 | 327,508,281 | 1047.4\% | 0.4010 |
| 2047 | 27,589,831 | 316,687,981 | 1147.8\% | 0.3863 |
| 2048 | 24,178,439 | 302,231,811 | 1250.0\% | 0.3722 |
| 2049 | 21,035,791 | 283,930,907 | 1349.8\% | 0.3586 |
| 2050 | 18,167,600 | 262,464,748 | 1444.7\% | 0.3454 |
| 2051 | 15,582,423 | 239,986,622 | 1540.1\% | 0.3328 |
| 2052 | 13,279,368 | 219,460,578 | 1652.6\% | 0.3206 |
| 2053 | 11,241,408 | 199,462,126 | 1774.4\% | 0.3089 |
| 2054 | 9,450,178 | 179,235,535 | 1896.6\% | 0.2976 |
| 2055 | 7,889,699 | 159,780,072 | 2025.2\% | 0.2867 |
| 2056 | 6,545,064 | 140,994,704 | 2154.2\% | 0.2762 |
| 2057 | 5,398,910 | 121,935,257 | 2258.5\% | 0.2661 |
| 2058 | 4,428,242 | 104,142,188 | 2351.8\% | 0.2563 |
| 2059 | 3,611,262 | 89,522,195 | 2479.0\% | 0.2469 |
| 2060 | 2,928,672 | 77,231,782 | 2637.1\% | 0.2379 |
| 2061 | 2,362,662 | 66,469,561 | 2813.3\% | 0.2292 |
| 2062 | 1,896,281 | 57,011,779 | 3006.5\% | 0.2208 |
| 2063 | 1,514,314 | 48,509,840 | 3203.4\% | 0.2127 |
| 2064 | 1,203,905 | 40,941,218 | 3400.7\% | 0.2049 |
| 2065 | 953,083 | 34,482,533 | 3618.0\% | 0.1974 |
| 2066 | 751,223 | 28,917,480 | 3849.4\% | 0.1902 |
| 2067 | 589,505 | 23,976,351 | 4067.2\% | 0.1832 |
| 2068 | 460,584 | 19,673,744 | 4271.5\% | 0.1765 |
| 2069 | 358,360 | 16,304,044 | 4549.6\% | 0.1701 |
| 2070 | 277,392 | 13,398,414 | 4830.1\% | 0.1638 |
| 2071 | 213,355 | 10,834,885 | 5078.3\% | 0.1578 |
| 2072 | 162,862 | 8,750,848 | 5373.2\% | 0.1521 |
| 2073 | 123,322 | 6,993,618 | 5671.0\% | 0.1465 |
| 2074 | 92,630 | 5,491,159 | 5928.1\% | 0.1411 |
| 2075 | 69,037 | 4,273,791 | 6190.6\% | 0.1360 |
| 2076 | 51,013 | 3,294,260 | 6457.7\% | 0.1310 |
| 2077 | 37,343 | 2,487,450 | 6661.1\% | 0.1262 |
| 2078 | 27,090 | 1,804,257 | 6660.1\% | 0.1216 |
| 2079 | 19,479 | 1,299,090 | 6669.1\% | 0.1171 |
| 2080 | 13,880 | 931,669 | 6712.3\% | 0.1128 |
| 2081 | 9,797 | 665,046 | 6788.3\% | 0.1087 |
| Past | 1,612,626,252 | 36,922,568 | 2.3\% |  |
| Future | 1,466,946,200 | 3,773,060,552 | 257.2\% |  |
| Lifetime | 3,079,572,453 | 3,809,983,119 | 123.7\% |  |

Genworth Life Insurance Company
Attachment 4a: Flex 1 Policy Forms - Nationwide Experienct
Prior Assumptions With Virginia Approved Rate Increase with $10 \%$ MAI
Applicable to Policies Subject to the Revised Couples Discoun
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims |  |  |
| :---: | ---: | ---: | ---: | ---: | Loss Ratio | Discount Factor |
| :---: |
| 2011 |

Genworth Life Insurance Company
Attachment 4b: Flex 1 Policy Forms - Nationwide Experience
Prior Assumptions With Full One Time Approval with 10\% MAI
Applicable to Policies Subject to the Revised Couples Discoun
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | 3.80\% <br> Discount Factor |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 |
| 2012 | 571,395 | 20,606 | 3.6\% | 1.4252 |
| 2013 | 12,184,312 | 936,712 | 7.7\% | 1.3730 |
| 2014 | 22,182,350 | 1,333,295 | 6.0\% | 1.3228 |
| 2015 | 23,139,372 | 2,831,355 | 12.2\% | 1.2743 |
| 2016 | 22,738,713 | 4,933,503 | 21.7\% | 1.2277 |
| 2017 | 22,384,247 | 4,304,575 | 19.2\% | 1.1827 |
| 2018 | 22,052,285 | 5,595,079 | 25.4\% | 1.1394 |
| 2019 | 21,758,871 | 5,914,252 | 27.2\% | 1.0977 |
| 2020 | 21,498,574 | 4,132,913 | 19.2\% | 1.0575 |
| 2021 | 21,276,443 | 1,603,009 | 7.5\% | 1.0188 |
| 2022 | 20,751,467 | 2,639,262 | 12.7\% | 0.9815 |
| 2023 | 20,498,249 | 3,216,340 | 15.7\% | 0.9456 |
| 2024 | 20,221,181 | 3,923,408 | 19.4\% | 0.9110 |
| 2025 | 19,957,201 | 4,739,302 | 23.7\% | 0.8776 |
| 2026 | 19,673,939 | 5,607,527 | 28.5\% | 0.8455 |
| 2027 | 19,361,938 | 6,472,617 | 33.4\% | 0.8145 |
| 2028 | 19,015,507 | 7,275,133 | 38.3\% | 0.7847 |
| 2029 | 18,627,952 | 8,205,264 | 44.0\% | 0.7560 |
| 2030 | 18,193,115 | 9,489,673 | 52.2\% | 0.7283 |
| 2031 | 17,701,214 | 11,029,890 | 62.3\% | 0.7017 |
| 2032 | 17,143,009 | 12,572,200 | 73.3\% | 0.6760 |
| 2033 | 16,523,782 | 14,060,407 | 85.1\% | 0.6512 |
| 2034 | 15,864,929 | 15,806,446 | 99.6\% | 0.6274 |
| 2035 | 15,177,751 | 17,765,575 | 117.1\% | 0.6044 |
| 2036 | 14,466,113 | 19,625,429 | 135.7\% | 0.5823 |
| 2037 | 13,733,903 | 21,396,731 | 155.8\% | 0.5610 |
| 2038 | 12,984,788 | 23,037,942 | 177.4\% | 0.5404 |
| 2039 | 12,220,592 | 24,686,636 | 202.0\% | 0.5207 |
| 2040 | 11,445,186 | 26,323,497 | 230.0\% | 0.5016 |
| 2041 | 10,663,908 | 27,603,175 | 258.8\% | 0.4832 |
| 2042 | 9,883,371 | 28,667,786 | 290.1\% | 0.4655 |
| 2043 | 9,110,659 | 29,598,462 | 324.9\% | 44.8\% |
| 2044 | 8,349,024 | 30,131,380 | 360.9\% | 0.4321 |
| 2045 | 7,603,395 | 30,227,085 | 397.5\% | 0.4163 |
| 2046 | 6,880,213 | 29,733,947 | 432.2\% | 0.4010 |
| 2047 | 6,186,573 | 29,061,618 | 469.8\% | 0.3863 |
| 2048 | 5,528,528 | 28,420,215 | 514.1\% | 0.3722 |
| 2049 | 4,907,438 | 27,418,145 | 558.7\% | 0.3586 |
| 2050 | 4,325,361 | 26,021,079 | 601.6\% | 0.3454 |
| 2051 | 3,785,123 | 24,185,729 | 639.0\% | 0.3328 |
| 2052 | 3,289,758 | 22,225,031 | 675.6\% | 0.3206 |
| 2053 | 2,840,900 | 20,450,477 | 719.9\% | 0.3089 |
| 2054 | 2,436,277 | 18,662,563 | 766.0\% | 0.2976 |
| 2055 | 2,074,043 | 16,882,182 | 814.0\% | 0.2867 |
| 2056 | 1,752,769 | 15,168,520 | 865.4\% | 0.2762 |
| 2057 | 1,471,224 | 13,433,370 | 913.1\% | 0.2661 |
| 2058 | 1,227,267 | 11,626,881 | 947.4\% | 0.2563 |
| 2059 | 1,016,955 | 9,950,937 | 978.5\% | 0.2469 |
| 2060 | 836,946 | 8,581,747 | 1025.4\% | 0.2379 |
| 2061 | 684,279 | 7,419,508 | 1084.3\% | 0.2292 |
| 2062 | 556,006 | 6,364,626 | 1144.7\% | 0.2208 |
| 2063 | 449,050 | 5,424,649 | 1208.0\% | 0.2127 |
| 2064 | 360,525 | 4,588,600 | 1272.8\% | 0.2049 |
| 2065 | 287,922 | 3,862,464 | 1341.5\% | 0.1974 |
| 2066 | 228,726 | 3,263,072 | 1426.6\% | 0.1902 |
| 2067 | 180,768 | 2,749,204 | 1520.8\% | 0.1832 |
| 2068 | 142,217 | 2,282,053 | 1604.6\% | 0.1765 |
| 2069 | 111,480 | 1,884,181 | 1690.1\% | 0.1701 |
| 2070 | 87,090 | 1,552,423 | 1782.6\% | 0.1638 |
| 2071 | 67,739 | 1,261,761 | 1862.7\% | 0.1578 |
| 2072 | 52,400 | 1,021,426 | 1949.3\% | 0.1521 |
| 2073 | 40,276 | 824,547 | 2047.2\% | 0.1465 |
| 2074 | 30,745 | 664,347 | 2160.8\% | 0.1411 |
| 2075 | 23,312 | 526,111 | 2256.9\% | 0.1360 |
| 2076 | 17,540 | 412,469 | 2351.5\% | 0.1310 |
| 2077 | 13,074 | 325,729 | 2491.5\% | 0.1262 |
| 2078 | 9,655 | 247,434 | 2562.8\% | 0.1216 |
| 2079 | 7,068 | 177,198 | 2506.9\% | 0.1171 |
| 2080 | 5,132 | 126,934 | 2473.4\% | 0.1128 |
| 2081 | 3,693 | 91,210 | 2470.0\% | 0.1087 |
| Past | 224,188,814 | 36,706,514 | 16.4\% |  |
| Future | 277,397,151 | 324,301,285 | 116.9\% |  |
| Lifetime | 501,585,965 | 361,007,798 | 72.0\% |  |

Genworth Life Insurance Company
Attachment 4c: Flex 1 Policy Forms - Nationwide Experience
Current Assumptions with Virginia Approved Rate Increase with 10\% MA
Applicable to Policies Subject to the Revised Couples Discoun
Limited High BIO

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | Discount Factor |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 |
| 2016 | 22,738,713 | 544,153 | 2.4\% | 1.2277 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 |
| 2018 | 22,052,285 | 206,794 | 0.9\% | 1.1394 |
| 2019 | 21,758,871 | 1,020,067 | 4.7\% | 1.0977 |
| 2020 | 21,498,574 | 324,776 | 1.5\% | 1.0575 |
| 2021 | 21,276,443 | 392,490 | 1.8\% | 1.0188 |
| 2022 | 20,743,397 | 2,773,201 | 13.4\% | 0.9815 |
| 2023 | 20,476,802 | 3,585,852 | 17.5\% | 0.9456 |
| 2024 | 20,193,617 | 4,613,516 | 22.8\% | 0.9110 |
| 2025 | 19,927,709 | 5,893,354 | 29.6\% | 0.8776 |
| 2026 | 19,642,097 | 7,394,942 | 37.6\% | 0.8455 |
| 2027 | 19,327,973 | 9,091,348 | 47.0\% | 0.8145 |
| 2028 | 18,980,768 | 10,888,532 | 57.4\% | 0.7847 |
| 2029 | 18,595,968 | 12,845,749 | 69.1\% | 0.7560 |
| 2030 | 18,170,459 | 15,066,549 | 82.9\% | 0.7283 |
| 2031 | 17,700,862 | 17,468,911 | 98.7\% | 0.7017 |
| 2032 | 17,183,095 | 19,940,744 | 116.0\% | 0.6760 |
| 2033 | 16,617,018 | 22,386,084 | 134.7\% | 0.6512 |
| 2034 | 16,010,042 | 25,127,496 | 156.9\% | 0.6274 |
| 2035 | 15,366,810 | 28,126,379 | 183.0\% | 0.6044 |
| 2036 | 14,691,155 | 31,203,861 | 212.4\% | 0.5823 |
| 2037 | 13,984,358 | 34,449,284 | 246.3\% | 0.5610 |
| 2038 | 13,248,777 | 37,575,099 | 283.6\% | 0.5404 |
| 2039 | 12,487,224 | 40,654,896 | 325.6\% | 0.5207 |
| 2040 | 11,703,822 | 43,582,036 | 372.4\% | 0.5016 |
| 2041 | 10,904,635 | 45,821,016 | 420.2\% | 0.4832 |
| 2042 | 10,097,326 | 47,633,031 | 471.7\% | 0.4655 |
| 2043 | 9,290,809 | 49,143,058 | 528.9\% | 44.8\% |
| 2044 | 8,490,281 | 49,902,967 | 587.8\% | 0.4321 |
| 2045 | 7,702,782 | 49,844,208 | 647.1\% | 0.4163 |
| 2046 | 6,939,651 | 48,804,529 | 703.3\% | 0.4010 |
| 2047 | 6,210,528 | 47,481,438 | 764.5\% | 0.3863 |
| 2048 | 5,522,225 | 46,197,461 | 836.6\% | 0.3722 |
| 2049 | 4,876,153 | 44,283,041 | 908.2\% | 0.3586 |
| 2050 | 4,274,256 | 41,718,761 | 976.0\% | 0.3454 |
| 2051 | 3,719,175 | 38,507,000 | 1035.4\% | 0.3328 |
| 2052 | 3,213,504 | 35,181,443 | 1094.8\% | 0.3206 |
| 2053 | 2,758,388 | 32,226,724 | 1168.3\% | 0.3089 |
| 2054 | 2,351,178 | 29,290,863 | 1245.8\% | 0.2976 |
| 2055 | 1,989,525 | 26,368,162 | 1325.3\% | 0.2867 |
| 2056 | 1,671,540 | 23,578,112 | 1410.6\% | 0.2762 |
| 2057 | 1,395,316 | 20,802,759 | 1490.9\% | 0.2661 |
| 2058 | 1,157,981 | 17,971,621 | 1552.0\% | 0.2563 |
| 2059 | 955,168 | 15,351,305 | 1607.2\% | 0.2469 |
| 2060 | 783,071 | 13,209,963 | 1686.9\% | 0.2379 |
| 2061 | 638,216 | 11,397,452 | 1785.8\% | 0.2292 |
| 2062 | 517,269 | 9,763,675 | 1887.5\% | 0.2208 |
| 2063 | 416,966 | 8,315,226 | 1994.2\% | 0.2127 |
| 2064 | 334,351 | 7,014,629 | 2098.0\% | 0.2049 |
| 2065 | 266,902 | 5,875,034 | 2201.2\% | 0.1974 |
| 2066 | 212,125 | 4,923,922 | 2321.2\% | 0.1902 |
| 2067 | 167,802 | 4,100,851 | 2443.9\% | 0.1832 |
| 2068 | 132,172 | 3,369,224 | 2549.1\% | 0.1765 |
| 2069 | 103,683 | 2,756,124 | 2658.2\% | 0.1701 |
| 2070 | 81,000 | 2,257,674 | 2787.3\% | 0.1638 |
| 2071 | 62,954 | 1,824,983 | 2898.9\% | 0.1578 |
| 2072 | 48,616 | 1,463,834 | 3011.0\% | 0.1521 |
| 2073 | 37,265 | 1,169,769 | 3139.1\% | 0.1465 |
| 2074 | 28,351 | 933,231 | 3291.7\% | 0.1411 |
| 2075 | 21,420 | 734,102 | 3427.1\% | 0.1360 |
| 2076 | 16,070 | 571,666 | 3557.3\% | 0.1310 |
| 2077 | 11,949 | 445,506 | 3728.5\% | 0.1262 |
| 2078 | 8,810 | 335,313 | 3806.1\% | 0.1216 |
| 2079 | 6,436 | 241,388 | 3750.6\% | 0.1171 |
| 2080 | 4,663 | 172,470 | 3698.6\% | 0.1128 |
| 2081 | 3,348 | 123,560 | 3690.4\% | 0.1087 |
| Past | 224,188,814 | 3,188,444 | 1.4\% |  |
| Future | 278,314,120 | 513,663,042 | 184.6\% |  |
| Lifetime | 502,502,934 | 516,851,486 | 102.9\% |  |

Genworth Life Insurance Company
Attachment 5a: Blended If-Knew Methodology Calculation
Nationwide Experience with Virginia Approved Rate Increases Nationwide Experience with Virginia Approved Rate Increases Best Estimate Assumptions + 10\% MAE

| Policies with Lifetime Benefit Period High BIO <br> Not Subject to Revised Couple's Discount |  |
| :--- | ---: |
| (1) If Knew RI (Since Issue) |  |
| - (PV (Claims) / PV (Premium)) / Original LLR - 1 | $45.8 \%$ |
| - PV(Claims) @ Original Rate Level | $45.8 \%$ |
| - PV(Premium) @ Original Rate Level | $253,098,227$ |
| - Original LLR | $236,185,488$ |
| (2) Make Up (Standard Solve) | $73.5 \%$ |
| - (((PV Claims / Original LLR) - PV(Past Prem))/PV (Future Prem) - 1 | $152.2 \%$ |
| - PV(Claims) @ Actual Rate Level w. Past Increases |  |
| - PV(Historical Premium) @ Actual Rate Level w. Past Increases | $152.2 \%$ |
| - PV(Future Premium) @ Original Rate Level | $283,819,819$ |
| - Original LLR | $137,649,054$ |
| (3) Percentage of Issued Policies Inforce | $98,536,435$ |
| - Issued Lives | $73.5 \%$ |
| - Inforce Lives | $\mathbf{9 6 . 6 \%}$ |
| Blended RI = \{2\} * $\{3\}+(\{1\} *(1-\{3\}))$ | 58 |
| Include Cost Sharing | 56 |
| - Cumulative Rate Increase to Date | $\mathbf{1 4 8 . 5 \%}$ |
| LTC MSA Framework Blended If Knew | $\mathbf{1 1 5 . 5 \%}$ |

Genworth Life Insurance Company
Attachment 5b: Blended If-Knew Methodology Calculation
Nationwide Experience with Virginia Approved Rate Increases Best Estimate Assumptions + 10\% MAE

| Policies with Limited Benefit Period High BIO Not Subject to Revised Couple's Discount |  |
| :---: | :---: |
| (1) If Knew RI (Since Issue) | 25.8\% |
| - (PV (Claims) / PV (Premium)) / Original LLR - 1 | 25.8\% |
| - PV(Claims) @ Original Rate Level | 2,896,764,292 |
| - PV(Premium) @ Original Rate Level | 3,086,279,634 |
| - Original LLR | 74.6\% |
| (2) Make Up (Standard Solve) | 89.6\% |
| - (((PV Claims / Original LLR) - PV(Past Prem))/PV (Future Prem) - 1 | 89.6\% |
| - PV(Claims) @ Actual Rate Level w. Past Increases | 3,286,947,869 |
| - PV(Historical Premium) @ Actual Rate Level w. Past Increases | 1,612,626,252 |
| - PV(Future Premium) @ Original Rate Level | 1,473,653,382 |
| - Original LLR | 74.6\% |
| (3) Percentage of Issued Policies Inforce | 90.4\% |
| - Issued Lives | 2,960 |
| - Inforce Lives | 2,675 |
| Blended RI = \{2 * $\{3\}+(\{1\}$ * (1-\{3\})) | 83.4\% |
| Include Cost Sharing | 71.6\% |
| - Cumulative Rate Increase to Date | 58.0\% |
| LTC MSA Framework Blended If Knew | 8.6\% |

Genworth Life Insurance Company
Attachment 5c: Blended If-Knew Methodology Calculation
Nationwide Experience with Virginia Approved Rate Increases Best Estimate Assumptions + 10\% MAE

| Policies with Limited Benefit Period High BIO Subject to Revised Couple's Discount |  |
| :---: | :---: |
| (1) If Knew RI (Since Issue) | 2.9\% |
| - (PV (Claims) / PV (Premium)) / Original LLR - 1 | 2.9\% |
| - PV(Claims) @ Original Rate Level | 386,447,884 |
| - PV(Premium) @ Original Rate Level | 503,634,117 |
| - Original LLR | 74.6\% |
| (2) Make Up (Standard Solve) | 23.7\% |
| - (((PV Claims / Original LLR) - PV(Past Prem))/PV (Future Prem) - 1 | 23.7\% |
| - PV(Claims) @ Actual Rate Level w. Past Increases | 425,146,210 |
| - PV(Historical Premium) @ Actual Rate Level w. Past Increases | 224,188,814 |
| - PV(Future Premium) @ Original Rate Level | 279,445,303 |
| - Original LLR | 74.6\% |
| (3) Percentage of Issued Policies Inforce | 91.1\% |
| - Issued Lives | 671 |
| - Inforce Lives | 611 |
| Blended RI $=\{2\}^{*}\{3\}+\left(\{1\}{ }^{\text {* }}(1-\{3\})\right.$ ) | 21.8\% |
| Include Cost Sharing | 21.2\% |
| - Cumulative Rate Increase to Date | 0.0\% |
| LTC MSA Framework Blended If Knew | 21.2\% |

Attachment 6a: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with No Rate Increases
Applicable to Policies Not Subject to the Revised Couples Discount
Lifetime High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 |
| 2022 | 9,402,589 | 2,410,220 | 25.6\% | 0.9815 |
| 2023 | 6,999,570 | 2,785,495 | 39.8\% | 0.9456 |
| 2024 | 6,903,511 | 3,206,624 | 46.4\% | 0.9110 |
| 2025 | 6,808,505 | 3,678,549 | 54.0\% | 0.8776 |
| 2026 | 6,706,274 | 4,197,085 | 62.6\% | 0.8455 |
| 2027 | 6,592,921 | 4,739,806 | 71.9\% | 0.8145 |
| 2028 | 6,464,699 | 5,387,085 | 83.3\% | 0.7847 |
| 2029 | 6,330,202 | 6,153,046 | 97.2\% | 0.7560 |
| 2030 | 6,184,136 | 6,960,493 | 112.6\% | 0.7283 |
| 2031 | 6,025,630 | 7,746,163 | 128.6\% | 0.7017 |
| 2032 | 5,850,212 | 8,527,669 | 145.8\% | 0.6760 |
| 2033 | 5,664,087 | 9,610,270 | 169.7\% | 0.6512 |
| 2034 | 5,465,763 | 10,943,484 | 200.2\% | 0.6274 |
| 2035 | 5,255,861 | 12,204,588 | 232.2\% | 0.6044 |
| 2036 | 5,035,494 | 13,349,394 | 265.1\% | 0.5823 |
| 2037 | 4,805,656 | 14,379,095 | 299.2\% | 0.5610 |
| 2038 | 4,566,406 | 15,592,048 | 341.5\% | 0.5404 |
| 2039 | 4,318,416 | 16,960,042 | 392.7\% | 0.5207 |
| 2040 | 4,065,564 | 18,070,902 | 444.5\% | 0.5016 |
| 2041 | 3,808,406 | 19,031,895 | 499.7\% | 0.4832 |
| 2042 | 3,548,549 | 19,801,206 | 558.0\% | 0.4655 |
| 2043 | 3,287,293 | 20,428,049 | 621.4\% | 44.8\% |
| 2044 | 3,028,089 | 21,013,729 | 694.0\% | 0.4321 |
| 2045 | 2,774,184 | 21,232,656 | 765.4\% | 0.4163 |
| 2046 | 2,527,517 | 21,366,390 | 845.4\% | 0.4010 |
| 2047 | 2,290,667 | 21,388,218 | 933.7\% | 0.3863 |
| 2048 | 2,064,121 | 20,973,797 | 1016.1\% | 0.3722 |
| 2049 | 1,848,389 | 20,257,657 | 1096.0\% | 0.3586 |
| 2050 | 1,644,441 | 19,299,145 | 1173.6\% | 0.3454 |
| 2051 | 1,455,706 | 18,391,350 | 1263.4\% | 0.3328 |
| 2052 | 1,281,555 | 17,631,731 | 1375.8\% | 0.3206 |
| 2053 | 1,121,778 | 16,753,123 | 1493.4\% | 0.3089 |
| 2054 | 976,300 | 15,756,096 | 1613.9\% | 0.2976 |
| 2055 | 844,865 | 14,704,737 | 1740.5\% | 0.2867 |
| 2056 | 727,354 | 13,615,125 | 1871.9\% | 0.2762 |
| 2057 | 623,215 | 12,299,394 | 1973.5\% | 0.2661 |
| 2058 | 531,343 | 10,993,232 | 2069.0\% | 0.2563 |
| 2059 | 450,838 | 10,043,123 | 2227.7\% | 0.2469 |
| 2060 | 380,714 | 9,248,008 | 2429.1\% | 0.2379 |
| 2061 | 320,018 | 8,572,500 | 2678.8\% | 0.2292 |
| 2062 | 267,767 | 7,904,710 | 2952.1\% | 0.2208 |
| 2063 | 223,095 | 7,237,067 | 3243.9\% | 0.2127 |
| 2064 | 185,192 | 6,570,212 | 3547.8\% | 0.2049 |
| 2065 | 153,114 | 5,944,171 | 3882.2\% | 0.1974 |
| 2066 | 126,046 | 5,334,651 | 4232.3\% | 0.1902 |
| 2067 | 103,311 | 4,652,696 | 4503.6\% | 0.1832 |
| 2068 | 84,312 | 4,007,185 | 4752.8\% | 0.1765 |
| 2069 | 68,495 | 3,527,302 | 5149.7\% | 0.1701 |
| 2070 | 55,349 | 3,081,131 | 5566.7\% | 0.1638 |
| 2071 | 44,468 | 2,646,139 | 5950.7\% | 0.1578 |
| 2072 | 35,507 | 2,235,025 | 6294.6\% | 0.1521 |
| 2073 | 28,180 | 1,877,274 | 6661.8\% | 0.1465 |
| 2074 | 22,242 | 1,520,789 | 6837.6\% | 0.1411 |
| 2075 | 17,454 | 1,215,461 | 6963.7\% | 0.1360 |
| 2076 | 13,616 | 949,704 | 6975.0\% | 0.1310 |
| 2077 | 10,556 | 709,148 | 6717.9\% | 0.1262 |
| 2078 | 8,135 | 529,822 | 6513.2\% | 0.1216 |
| 2079 | 6,227 | 390,209 | 6266.2\% | 0.1171 |
| 2080 | 4,732 | 283,783 | 5996.8\% | 0.1128 |
| 2081 | 3,567 | 208,443 | 5844.4\% | 0.1087 |
| Past | 137,649,054 | 9,044,354 | 6.6\% |  |
| Future | 98,536,435 | 244,053,873 | 247.7\% |  |
| Lifetime | 236,185,488 | 253,098,227 | 107.2\% |  |

Attachment 6b: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with No Rate Increases
Applicable to Policies Not Subject to the Revised Couples Discouni
Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 |
| 2022 | 123,443,484 | 27,057,145 | 21.9\% | 0.9815 |
| 2023 | 113,667,780 | 33,012,611 | 29.0\% | 0.9456 |
| 2024 | 111,802,889 | 40,029,364 | 35.8\% | 0.9110 |
| 2025 | 109,882,264 | 48,067,697 | 43.7\% | 0.8776 |
| 2026 | 107,849,911 | 56,871,550 | 52.7\% | 0.8455 |
| 2027 | 105,663,314 | 66,220,682 | 62.7\% | 0.8145 |
| 2028 | 103,293,797 | 76,845,566 | 74.4\% | 0.7847 |
| 2029 | 100,706,080 | 89,138,162 | 88.5\% | 0.7560 |
| 2030 | 97,849,687 | 102,158,941 | 104.4\% | 0.7283 |
| 2031 | 94,714,177 | 115,017,138 | 121.4\% | 0.7017 |
| 2032 | 91,290,290 | 128,254,752 | 140.5\% | 0.6760 |
| 2033 | 87,623,724 | 144,405,781 | 164.8\% | 0.6512 |
| 2034 | 83,745,090 | 162,691,372 | 194.3\% | 0.6274 |
| 2035 | 79,675,619 | 179,644,123 | 225.5\% | 0.6044 |
| 2036 | 75,444,006 | 194,623,447 | 258.0\% | 0.5823 |
| 2037 | 71,082,698 | 207,359,541 | 291.7\% | 0.5610 |
| 2038 | 66,616,437 | 219,168,796 | 329.0\% | 0.5404 |
| 2039 | 62,074,227 | 230,431,984 | 371.2\% | 0.5207 |
| 2040 | 57,494,173 | 237,772,485 | 413.6\% | 0.5016 |
| 2041 | 52,929,039 | 242,450,768 | 458.1\% | 0.4832 |
| 2042 | 48,429,718 | 245,580,786 | 507.1\% | 0.4655 |
| 2043 | 44,025,457 | 246,282,396 | 559.4\% | 44.8\% |
| 2044 | 39,745,469 | 244,721,382 | 615.7\% | 0.4321 |
| 2045 | 35,634,079 | 239,008,569 | 670.7\% | 0.4163 |
| 2046 | 31,735,660 | 231,147,389 | 728.4\% | 0.4010 |
| 2047 | 28,083,918 | 223,067,727 | 794.3\% | 0.3863 |
| 2048 | 24,685,989 | 212,571,561 | 861.1\% | 0.3722 |
| 2049 | 21,543,778 | 199,504,017 | 926.0\% | 0.3586 |
| 2050 | 18,664,771 | 184,373,644 | 987.8\% | 0.3454 |
| 2051 | 16,059,456 | 168,640,389 | 1050.1\% | 0.3328 |
| 2052 | 13,728,656 | 154,393,438 | 1124.6\% | 0.3206 |
| 2053 | 11,657,527 | 140,662,393 | 1206.6\% | 0.3089 |
| 2054 | 9,829,322 | 126,913,593 | 1291.2\% | 0.2976 |
| 2055 | 8,229,676 | 113,781,513 | 1382.6\% | 0.2867 |
| 2056 | 6,845,639 | 101,063,644 | 1476.3\% | 0.2762 |
| 2057 | 5,661,207 | 88,032,743 | 1555.0\% | 0.2661 |
| 2058 | 4,654,429 | 75,764,045 | 1627.8\% | 0.2563 |
| 2059 | 3,803,921 | 65,625,987 | 1725.2\% | 0.2469 |
| 2060 | 3,090,897 | 57,052,509 | 1845.8\% | 0.2379 |
| 2061 | 2,497,839 | 49,491,938 | 1981.4\% | 0.2292 |
| 2062 | 2,007,838 | 42,796,846 | 2131.5\% | 0.2208 |
| 2063 | 1,605,502 | 36,722,838 | 2287.3\% | 0.2127 |
| 2064 | 1,277,821 | 31,265,239 | 2446.8\% | 0.2049 |
| 2065 | 1,012,574 | 26,569,152 | 2623.9\% | 0.1974 |
| 2066 | 798,771 | 22,485,802 | 2815.0\% | 0.1902 |
| 2067 | 627,274 | 18,822,072 | 3000.6\% | 0.1832 |
| 2068 | 490,453 | 15,601,693 | 3181.1\% | 0.1765 |
| 2069 | 381,938 | 13,064,141 | 3420.5\% | 0.1701 |
| 2070 | 295,987 | 10,853,264 | 3666.8\% | 0.1638 |
| 2071 | 227,962 | 8,877,856 | 3894.4\% | 0.1578 |
| 2072 | 174,296 | 7,254,506 | 4162.2\% | 0.1521 |
| 2073 | 132,227 | 5,870,424 | 4439.7\% | 0.1465 |
| 2074 | 99,536 | 4,669,667 | 4691.4\% | 0.1411 |
| 2075 | 74,376 | 3,684,286 | 4953.6\% | 0.1360 |
| 2076 | 55,106 | 2,880,464 | 5227.1\% | 0.1310 |
| 2077 | 40,463 | 2,206,814 | 5453.9\% | 0.1262 |
| 2078 | 29,452 | 1,626,123 | 5521.3\% | 0.1216 |
| 2079 | 21,260 | 1,189,649 | 5595.6\% | 0.1171 |
| 2080 | 15,212 | 867,304 | 5701.5\% | 0.1128 |
| 2081 | 10,787 | 629,662 | 5837.4\% | 0.1087 |
| Past | 1,612,626,252 | 75,998,208 | 4.7\% |  |
| Future | 1,473,653,382 | 2,820,766,084 | 191.4\% |  |
| Lifetime | 3,086,279,634 | 2,896,764,292 | 93.9\% |  |

Attachment 6c: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with No Rate Increases
Applicable to Policies Subject to the Revised Couples Discoun Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 |
| 2022 | 20,809,648 | 2,535,829 | 12.2\% | 0.9815 |
| 2023 | 20,528,222 | 3,149,715 | 15.3\% | 0.9456 |
| 2024 | 20,228,598 | 3,892,472 | 19.2\% | 0.9110 |
| 2025 | 19,951,260 | 4,799,412 | 24.1\% | 0.8776 |
| 2026 | 19,660,000 | 5,862,955 | 29.8\% | 0.8455 |
| 2027 | 19,344,485 | 7,047,808 | 36.4\% | 0.8145 |
| 2028 | 19,000,008 | 8,298,676 | 43.7\% | 0.7847 |
| 2029 | 18,621,935 | 9,751,304 | 52.4\% | 0.7560 |
| 2030 | 18,207,483 | 11,432,776 | 62.8\% | 0.7283 |
| 2031 | 17,749,120 | 13,195,463 | 74.3\% | 0.7017 |
| 2032 | 17,241,014 | 15,098,923 | 87.6\% | 0.6760 |
| 2033 | 16,681,474 | 17,108,708 | 102.6\% | 0.6512 |
| 2034 | 16,077,798 | 19,459,707 | 121.0\% | 0.6274 |
| 2035 | 15,434,317 | 22,078,681 | 143.0\% | 0.6044 |
| 2036 | 14,754,572 | 24,537,408 | 166.3\% | 0.5823 |
| 2037 | 14,042,364 | 26,773,771 | 190.7\% | 0.5610 |
| 2038 | 13,301,930 | 28,744,885 | 216.1\% | 0.5404 |
| 2039 | 12,536,624 | 30,607,858 | 244.1\% | 0.5207 |
| 2040 | 11,751,320 | 32,325,690 | 275.1\% | 0.5016 |
| 2041 | 10,952,543 | 33,535,692 | 306.2\% | 0.4832 |
| 2042 | 10,148,227 | 34,466,701 | 339.6\% | 0.4655 |
| 2043 | 9,347,255 | 35,237,549 | 377.0\% | 44.8\% |
| 2044 | 8,554,204 | 35,552,938 | 415.6\% | 0.4321 |
| 2045 | 7,775,465 | 35,365,014 | 454.8\% | 0.4163 |
| 2046 | 7,020,362 | 34,520,830 | 491.7\% | 0.4010 |
| 2047 | 6,297,373 | 33,489,396 | 531.8\% | 0.3863 |
| 2048 | 5,613,302 | 32,504,613 | 579.1\% | 0.3722 |
| 2049 | 4,969,405 | 31,098,300 | 625.8\% | 0.3586 |
| 2050 | 4,367,787 | 29,263,132 | 670.0\% | 0.3454 |
| 2051 | 3,811,104 | 26,998,501 | 708.4\% | 0.3328 |
| 2052 | 3,302,279 | 24,673,631 | 747.2\% | 0.3206 |
| 2053 | 2,842,750 | 22,632,523 | 796.1\% | 0.3089 |
| 2054 | 2,430,120 | 20,629,189 | 848.9\% | 0.2976 |
| 2055 | 2,062,231 | 18,652,434 | 904.5\% | 0.2867 |
| 2056 | 1,737,422 | 16,765,077 | 964.9\% | 0.2762 |
| 2057 | 1,454,180 | 14,879,018 | 1023.2\% | 0.2661 |
| 2058 | 1,209,960 | 12,936,879 | 1069.2\% | 0.2563 |
| 2059 | 1,000,483 | 11,127,809 | 1112.2\% | 0.2469 |
| 2060 | 822,070 | 9,642,958 | 1173.0\% | 0.2379 |
| 2061 | 671,368 | 8,378,724 | 1248.0\% | 0.2292 |
| 2062 | 545,149 | 7,228,507 | 1326.0\% | 0.2208 |
| 2063 | 440,184 | 6,200,377 | 1408.6\% | 0.2127 |
| 2064 | 353,502 | 5,268,950 | 1490.5\% | 0.2049 |
| 2065 | 282,550 | 4,445,096 | 1573.2\% | 0.1974 |
| 2066 | 224,822 | 3,753,383 | 1669.5\% | 0.1902 |
| 2067 | 178,034 | 3,148,336 | 1768.4\% | 0.1832 |
| 2068 | 140,363 | 2,605,967 | 1856.6\% | 0.1765 |
| 2069 | 110,210 | 2,148,848 | 1949.8\% | 0.1701 |
| 2070 | 86,197 | 1,774,582 | 2058.7\% | 0.1638 |
| 2071 | 67,087 | 1,446,310 | 2155.9\% | 0.1578 |
| 2072 | 51,901 | 1,169,477 | 2253.3\% | 0.1521 |
| 2073 | 39,869 | 942,365 | 2363.6\% | 0.1465 |
| 2074 | 30,403 | 758,639 | 2495.2\% | 0.1411 |
| 2075 | 23,031 | 602,165 | 2614.6\% | 0.1360 |
| 2076 | 17,332 | 473,890 | 2734.2\% | 0.1310 |
| 2077 | 12,930 | 373,281 | 2886.9\% | 0.1262 |
| 2078 | 9,568 | 284,385 | 2972.4\% | 0.1216 |
| 2079 | 7,017 | 207,684 | 2959.5\% | 0.1171 |
| 2080 | 5,106 | 150,434 | 2946.2\% | 0.1128 |
| 2081 | 3,684 | 109,666 | 2977.0\% | 0.1087 |
| Past | 224,188,814 | 6,435,742 | 2.9\% |  |
| Future | 279,445,303 | 380,012,142 | 136.0\% |  |
| Lifetime | 503,634,117 | 386,447,884 | 76.7\% |  |

Attachment 7a: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with Virginia Approved Rate Increases Applicable to Policies Not Subject to the Revised Couples Discount Lifetime High BIO; Best Estimate Assumptions + 10\% MAE

|  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: |
| Calendar Year | Earned Premium | Incurred Claims |  |  | Loss Ratio | Discount Factor |
| :---: |
| 2011 |

Attachment 7b: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with Virginia Approved Rate Increases Applicable to Policies Not Subject to the Revised Couples Discount Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $3.80 \%$ Discount Factor |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 |
| 2022 | 123,443,484 | 29,840,270 | 24.2\% | 0.9815 |
| 2023 | 168,938,349 | 38,292,805 | 22.7\% | 0.9456 |
| 2024 | 176,648,565 | 46,669,131 | 26.4\% | 0.9110 |
| 2025 | 173,613,978 | 55,891,863 | 32.2\% | 0.8776 |
| 2026 | 170,402,860 | 66,003,356 | 38.7\% | 0.8455 |
| 2027 | 166,948,036 | 76,740,136 | 46.0\% | 0.8145 |
| 2028 | 163,204,199 | 88,934,772 | 54.5\% | 0.7847 |
| 2029 | 159,115,607 | 103,030,561 | 64.8\% | 0.7560 |
| 2030 | 154,602,505 | 117,929,745 | 76.3\% | 0.7283 |
| 2031 | 149,648,400 | 132,604,052 | 88.6\% | 0.7017 |
| 2032 | 144,238,658 | 147,679,695 | 102.4\% | 0.6760 |
| 2033 | 138,445,484 | 166,048,837 | 119.9\% | 0.6512 |
| 2034 | 132,317,242 | 186,799,655 | 141.2\% | 0.6274 |
| 2035 | 125,887,478 | 205,946,080 | 163.6\% | 0.6044 |
| 2036 | 119,201,529 | 222,772,682 | 186.9\% | 0.5823 |
| 2037 | 112,310,663 | 237,000,772 | 211.0\% | 0.5610 |
| 2038 | 105,253,970 | 250,138,771 | 237.7\% | 0.5404 |
| 2039 | 98,077,279 | 262,615,941 | 267.8\% | 0.5207 |
| 2040 | 90,840,794 | 270,605,891 | 297.9\% | 0.5016 |
| 2041 | 83,627,882 | 275,557,989 | 329.5\% | 0.4832 |
| 2042 | 76,518,955 | 278,754,507 | 364.3\% | 0.4655 |
| 2043 | 69,560,222 | 279,205,262 | 401.4\% | 44.8\% |
| 2044 | 62,797,841 | 277,095,589 | 441.3\% | 0.4321 |
| 2045 | 56,301,846 | 270,285,999 | 480.1\% | 0.4163 |
| 2046 | 50,142,343 | 261,053,403 | 520.6\% | 0.4010 |
| 2047 | 44,372,590 | 251,605,401 | 567.0\% | 0.3863 |
| 2048 | 39,003,862 | 239,476,500 | 614.0\% | 0.3722 |
| 2049 | 34,039,169 | 224,497,883 | 659.5\% | 0.3586 |
| 2050 | 29,490,339 | 207,255,172 | 702.8\% | 0.3454 |
| 2051 | 25,373,941 | 189,385,006 | 746.4\% | 0.3328 |
| 2052 | 21,691,277 | 173,221,901 | 798.6\% | 0.3206 |
| 2053 | 18,418,892 | 157,672,617 | 856.0\% | 0.3089 |
| 2054 | 15,530,329 | 142,136,841 | 915.2\% | 0.2976 |
| 2055 | 13,002,889 | 127,319,788 | 979.2\% | 0.2867 |
| 2056 | 10,816,109 | 112,994,502 | 1044.7\% | 0.2762 |
| 2057 | 8,944,706 | 98,349,556 | 1099.5\% | 0.2661 |
| 2058 | 7,353,998 | 84,581,166 | 1150.1\% | 0.2563 |
| 2059 | 6,010,195 | 73,212,257 | 1218.1\% | 0.2469 |
| 2060 | 4,883,617 | 63,606,055 | 1302.4\% | 0.2379 |
| 2061 | 3,946,586 | 55,141,937 | 1397.2\% | 0.2292 |
| 2062 | 3,172,383 | 47,652,833 | 1502.1\% | 0.2208 |
| 2063 | 2,536,694 | 40,865,014 | 1611.0\% | 0.2127 |
| 2064 | 2,018,957 | 34,771,644 | 1722.3\% | 0.2049 |
| 2065 | 1,599,867 | 29,532,471 | 1845.9\% | 0.1974 |
| 2066 | 1,262,059 | 24,980,355 | 1979.3\% | 0.1902 |
| 2067 | 991,092 | 20,899,774 | 2108.8\% | 0.1832 |
| 2068 | 774,915 | 17,315,942 | 2234.6\% | 0.1765 |
| 2069 | 603,462 | 14,493,109 | 2401.7\% | 0.1701 |
| 2070 | 467,659 | 12,035,387 | 2573.5\% | 0.1638 |
| 2071 | 360,180 | 9,840,951 | 2732.2\% | 0.1578 |
| 2072 | 275,388 | 8,038,519 | 2919.0\% | 0.1521 |
| 2073 | 208,919 | 6,502,618 | 3112.5\% | 0.1465 |
| 2074 | 157,267 | 5,170,938 | 3288.0\% | 0.1411 |
| 2075 | 117,514 | 4,078,594 | 3470.7\% | 0.1360 |
| 2076 | 87,068 | 3,187,860 | 3661.3\% | 0.1310 |
| 2077 | 63,932 | 2,441,708 | 3819.2\% | 0.1262 |
| 2078 | 46,534 | 1,798,810 | 3865.6\% | 0.1216 |
| 2079 | 33,591 | 1,315,719 | 3916.9\% | 0.1171 |
| 2080 | 24,035 | 959,036 | 3990.2\% | 0.1128 |
| 2081 | 17,043 | 696,142 | 4084.7\% | 0.1087 |
| Past | 1,612,626,252 | 75,998,208 | 4.7\% |  |
| Future | 2,248,020,952 | 3,210,949,662 | 142.8\% |  |
| Lifetime | 3,860,647,205 | 3,286,947,869 | 85.1\% |  |

Genworth Life Insurance Company
Attachment 7c: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with Virginia Approved Rate Increases Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 |
| 2022 | 20,809,648 | 2,794,064 | 13.4\% | 0.9815 |
| 2023 | 20,528,222 | 3,470,465 | 16.9\% | 0.9456 |
| 2024 | 20,228,598 | 4,288,859 | 21.2\% | 0.9110 |
| 2025 | 19,951,260 | 5,288,158 | 26.5\% | 0.8776 |
| 2026 | 19,660,000 | 6,460,006 | 32.9\% | 0.8455 |
| 2027 | 19,344,485 | 7,765,517 | 40.1\% | 0.8145 |
| 2028 | 19,000,008 | 9,143,767 | 48.1\% | 0.7847 |
| 2029 | 18,621,935 | 10,744,323 | 57.7\% | 0.7560 |
| 2030 | 18,207,483 | 12,597,027 | 69.2\% | 0.7283 |
| 2031 | 17,749,120 | 14,539,216 | 81.9\% | 0.7017 |
| 2032 | 17,241,014 | 16,636,513 | 96.5\% | 0.6760 |
| 2033 | 16,681,474 | 18,850,963 | 113.0\% | 0.6512 |
| 2034 | 16,077,798 | 21,441,375 | 133.4\% | 0.6274 |
| 2035 | 15,434,317 | 24,327,052 | 157.6\% | 0.6044 |
| 2036 | 14,754,572 | 27,036,162 | 183.2\% | 0.5823 |
| 2037 | 14,042,364 | 29,500,263 | 210.1\% | 0.5610 |
| 2038 | 13,301,930 | 31,672,104 | 238.1\% | 0.5404 |
| 2039 | 12,536,624 | 33,724,793 | 269.0\% | 0.5207 |
| 2040 | 11,751,320 | 35,617,559 | 303.1\% | 0.5016 |
| 2041 | 10,952,543 | 36,950,781 | 337.4\% | 0.4832 |
| 2042 | 10,148,227 | 37,976,598 | 374.2\% | 0.4655 |
| 2043 | 9,347,255 | 38,825,946 | 415.4\% | 44.8\% |
| 2044 | 8,554,204 | 39,173,451 | 457.9\% | 0.4321 |
| 2045 | 7,775,465 | 38,966,391 | 501.1\% | 0.4163 |
| 2046 | 7,020,362 | 38,036,240 | 541.8\% | 0.4010 |
| 2047 | 6,297,373 | 36,899,770 | 586.0\% | 0.3863 |
| 2048 | 5,613,302 | 35,814,703 | 638.0\% | 0.3722 |
| 2049 | 4,969,405 | 34,265,178 | 689.5\% | 0.3586 |
| 2050 | 4,367,787 | 32,243,127 | 738.2\% | 0.3454 |
| 2051 | 3,811,104 | 29,747,878 | 780.6\% | 0.3328 |
| 2052 | 3,302,279 | 27,186,256 | 823.3\% | 0.3206 |
| 2053 | 2,842,750 | 24,937,293 | 877.2\% | 0.3089 |
| 2054 | 2,430,120 | 22,729,951 | 935.3\% | 0.2976 |
| 2055 | 2,062,231 | 20,551,895 | 996.6\% | 0.2867 |
| 2056 | 1,737,422 | 18,472,339 | 1063.2\% | 0.2762 |
| 2057 | 1,454,180 | 16,394,215 | 1127.4\% | 0.2661 |
| 2058 | 1,209,960 | 14,254,299 | 1178.1\% | 0.2563 |
| 2059 | 1,000,483 | 12,261,003 | 1225.5\% | 0.2469 |
| 2060 | 822,070 | 10,624,944 | 1292.5\% | 0.2379 |
| 2061 | 671,368 | 9,231,967 | 1375.1\% | 0.2292 |
| 2062 | 545,149 | 7,964,618 | 1461.0\% | 0.2208 |
| 2063 | 440,184 | 6,831,789 | 1552.0\% | 0.2127 |
| 2064 | 353,502 | 5,805,510 | 1642.3\% | 0.2049 |
| 2065 | 282,550 | 4,897,760 | 1733.4\% | 0.1974 |
| 2066 | 224,822 | 4,135,606 | 1839.5\% | 0.1902 |
| 2067 | 178,034 | 3,468,945 | 1948.5\% | 0.1832 |
| 2068 | 140,363 | 2,871,344 | 2045.7\% | 0.1765 |
| 2069 | 110,210 | 2,367,674 | 2148.3\% | 0.1701 |
| 2070 | 86,197 | 1,955,296 | 2268.4\% | 0.1638 |
| 2071 | 67,087 | 1,593,594 | 2375.4\% | 0.1578 |
| 2072 | 51,901 | 1,288,570 | 2482.7\% | 0.1521 |
| 2073 | 39,869 | 1,038,330 | 2604.3\% | 0.1465 |
| 2074 | 30,403 | 835,894 | 2749.3\% | 0.1411 |
| 2075 | 23,031 | 663,487 | 2880.8\% | 0.1360 |
| 2076 | 17,332 | 522,148 | 3012.6\% | 0.1310 |
| 2077 | 12,930 | 411,294 | 3180.9\% | 0.1262 |
| 2078 | 9,568 | 313,345 | 3275.1\% | 0.1216 |
| 2079 | 7,017 | 228,834 | 3260.9\% | 0.1171 |
| 2080 | 5,106 | 165,754 | 3246.2\% | 0.1128 |
| 2081 | 3,684 | 120,834 | 3280.2\% | 0.1087 |
| Past | 224,188,814 | 6,435,742 | 2.9\% |  |
| Future | 279,445,303 | 418,710,468 | 149.8\% |  |
| Lifetime | 503,634,117 | 425,146,210 | 84.4\% |  |

Genworth Life Insurance Company
Attachment 8a: Blended If-Knew Methodology Calculatior Nationwide Experience with Virginia Approved Rate Increase: Best Estimate Assumptions + 10\% MAE

| Policies with Lifetime Benefit Period High BIC <br> Not Subject to Revised Couple's Discouni |  |
| :--- | :---: |
| (1) If Knew RI (Since Issue) | $3.8 \%$ |
| - If Knew Rate Increase Since Inception | $64.0 \%$ |
| - Cumulative Rate Increase | $58.0 \%$ |
|  |  |
| (2) Make Up (Standard Solve) | $\mathbf{8 7 . 2 \%}$ |
| (3) Percentage of Issued Policies Inforcє | $\mathbf{9 6 . 6 \%}$ |
| - Issued Lives | 58 |
| - Inforce Lives | 56 |
| Blended RI =\{2\} ${ }^{*}\{3\}+\left(\{1\}{ }^{*}(1-\{3\})\right)$ | $\mathbf{8 4 . 3 \%}$ |
|  |  |
| Include Cost Sharing | $\mathbf{7 2 . 2 \%}$ |

Genworth Life Insurance Company
Attachment 8b: Blended If-Knew Methodology Calculatior Nationwide Experience with Virginia Approved Rate Increase: Best Estimate Assumptions + 10\% MAE

| Policies with Limited Benefit Period High BIC Not Subject to Revised Couple's Discount |  |
| :---: | :---: |
| (1) If Knew RI (Since Issue' | 0.0\% |
| - If Knew Rate Increase Since Inception | 43.9\% |
| - Cumulative Rate Increase | 58.0\% |
| (2) Make Up (Standard Solve) | 36.9\% |
| (3) Percentage of Issued Policies Inforct | 90.4\% |
| - Issued Lives | 2,960 |
| - Inforce Lives | 2,675 |
| Blended RI $=\{2\}^{*}\{3\}+\left(\{1\}^{*}(1-\{3\})\right.$ ) | 33.3\% |
| Include Cost Sharing | 31.5\% |

Genworth Life Insurance Company
Attachment 8c: Blended If-Knew Methodology Calculatior Nationwide Experience with Virginia Approved Rate Increase: Best Estimate Assumptions + 10\% MAE

| Policies with Lifetime Benefit Period High BIC <br> Subject to Revised Couple's Discount |  |
| :--- | :---: |
| (1) If Knew RI (Since Issue' | $\mathbf{1 6 . 2 \%}$ |
| - If Knew Rate Increase Since Inception | $16.2 \%$ |
| - Cumulative Rate Increase | $0.0 \%$ |
|  |  |
| (2) Make Up (Standard Solve) | $\mathbf{3 2 . 5 \%}$ |
| (3) Percentage of Issued Policies Inforcє | $\mathbf{9 1 . 1 \%}$ |
| - Issued Lives | 671 |
| - Inforce Lives | 611 |
| Blended RI =\{2\} ${ }^{*}\{3\}+\left(\{1\}{ }^{*} \mathbf{( 1 - \{ 3 \} ) )}\right.$ | $\mathbf{3 1 . 0 \%}$ |
|  | $\mathbf{2 9 . 4 \%}$ |
| Include Cost Sharing |  |

Genworth Life Insurance Company
Attachment 9a: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with 64.0\% Rate Increase from Inceptio
Applicable to Policies Not Subject to the Revised Couples Discoun Lifetime High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 303,722 | 0 | 0.0\% | 1.4794 |
| 2012 | 10,949,332 | 143,095 | 1.3\% | 1.4252 |
| 2013 | 20,555,875 | 227,493 | 1.1\% | 1.3730 |
| 2014 | 20,215,793 | 31,688 | 0.2\% | 1.3228 |
| 2015 | 19,967,957 | 89,112 | 0.4\% | 1.2743 |
| 2016 | 19,749,198 | 2,116,954 | 10.7\% | 1.2277 |
| 2017 | 19,507,626 | 16,647 | 0.1\% | 1.1827 |
| 2018 | 19,298,258 | 756,716 | 3.9\% | 1.1394 |
| 2019 | 19,087,462 | 790,507 | 4.1\% | 1.0977 |
| 2020 | 18,932,377 | 2,284,036 | 12.1\% | 1.0575 |
| 2021 | 18,647,356 | 1,578,794 | 8.5\% | 1.0188 |
| 2022 | 15,370,503 | 2,844,556 | 18.5\% | 0.9815 |
| 2023 | 11,437,503 | 3,236,346 | 28.3\% | 0.9456 |
| 2024 | 11,286,539 | 3,709,369 | 32.9\% | 0.9110 |
| 2025 | 11,136,219 | 4,244,361 | 38.1\% | 0.8776 |
| 2026 | 10,973,219 | 4,833,005 | 44.0\% | 0.8455 |
| 2027 | 10,791,272 | 5,448,920 | 50.5\% | 0.8145 |
| 2028 | 10,584,312 | 6,183,732 | 58.4\% | 0.7847 |
| 2029 | 10,366,544 | 7,053,505 | 68.0\% | 0.7560 |
| 2030 | 10,129,376 | 7,969,276 | 78.7\% | 0.7283 |
| 2031 | 9,871,398 | 8,858,660 | 89.7\% | 0.7017 |
| 2032 | 9,585,351 | 9,742,014 | 101.6\% | 0.6760 |
| 2033 | 9,281,472 | 10,965,332 | 118.1\% | 0.6512 |
| 2034 | 8,957,371 | 12,470,316 | 139.2\% | 0.6274 |
| 2035 | 8,614,107 | 13,889,101 | 161.2\% | 0.6044 |
| 2036 | 8,253,532 | 15,172,071 | 183.8\% | 0.5823 |
| 2037 | 7,877,297 | 16,321,947 | 207.2\% | 0.5610 |
| 2038 | 7,485,525 | 17,676,061 | 236.1\% | 0.5404 |
| 2039 | 7,079,330 | 19,200,855 | 271.2\% | 0.5207 |
| 2040 | 6,665,091 | 20,431,964 | 306.6\% | 0.5016 |
| 2041 | 6,243,738 | 21,491,308 | 344.2\% | 0.4832 |
| 2042 | 5,817,909 | 22,333,299 | 383.9\% | 0.4655 |
| 2043 | 5,389,743 | 23,013,920 | 427.0\% | 44.8\% |
| 2044 | 4,964,929 | 23,646,509 | 476.3\% | 0.4321 |
| 2045 | 4,548,809 | 23,866,059 | 524.7\% | 0.4163 |
| 2046 | 4,144,762 | 23,988,366 | 578.8\% | 0.4010 |
| 2047 | 3,756,522 | 23,985,570 | 638.5\% | 0.3863 |
| 2048 | 3,385,038 | 23,495,909 | 694.1\% | 0.3722 |
| 2049 | 3,031,277 | 22,671,052 | 747.9\% | 0.3586 |
| 2050 | 2,696,838 | 21,579,902 | 800.2\% | 0.3454 |
| 2051 | 2,387,351 | 20,548,787 | 860.7\% | 0.3328 |
| 2052 | 2,101,749 | 19,684,525 | 936.6\% | 0.3206 |
| 2053 | 1,839,716 | 18,689,101 | 1015.9\% | 0.3089 |
| 2054 | 1,601,132 | 17,563,362 | 1096.9\% | 0.2976 |
| 2055 | 1,385,579 | 16,379,430 | 1182.1\% | 0.2867 |
| 2056 | 1,192,860 | 15,155,605 | 1270.5\% | 0.2762 |
| 2057 | 1,022,073 | 13,682,679 | 1338.7\% | 0.2661 |
| 2058 | 871,402 | 12,222,668 | 1402.6\% | 0.2563 |
| 2059 | 739,374 | 11,160,076 | 1509.4\% | 0.2469 |
| 2060 | 624,370 | 10,271,150 | 1645.0\% | 0.2379 |
| 2061 | 524,830 | 9,516,249 | 1813.2\% | 0.2292 |
| 2062 | 439,137 | 8,770,865 | 1997.3\% | 0.2208 |
| 2063 | 365,876 | 8,026,372 | 2193.7\% | 0.2127 |
| 2064 | 303,716 | 7,283,581 | 2398.2\% | 0.2049 |
| 2065 | 251,106 | 6,586,800 | 2623.1\% | 0.1974 |
| 2066 | 206,715 | 5,909,105 | 2858.6\% | 0.1902 |
| 2067 | 169,430 | 5,152,046 | 3040.8\% | 0.1832 |
| 2068 | 138,272 | 4,435,887 | 3208.1\% | 0.1765 |
| 2069 | 112,332 | 3,903,581 | 3475.0\% | 0.1701 |
| 2070 | 90,773 | 3,408,975 | 3755.5\% | 0.1638 |
| 2071 | 72,927 | 2,927,025 | 4013.6\% | 0.1578 |
| 2072 | 58,232 | 2,471,799 | 4244.8\% | 0.1521 |
| 2073 | 46,214 | 2,075,779 | 4491.6\% | 0.1465 |
| 2074 | 36,476 | 1,681,301 | 4609.3\% | 0.1411 |
| 2075 | 28,625 | 1,343,533 | 4693.6\% | 0.1360 |
| 2076 | 22,330 | 1,049,594 | 4700.4\% | 0.1310 |
| 2077 | 17,312 | 783,623 | 4526.5\% | 0.1262 |
| 2078 | 13,341 | 585,398 | 4388.0\% | 0.1216 |
| 2079 | 10,213 | 431,093 | 4221.1\% | 0.1171 |
| 2080 | 7,761 | 313,493 | 4039.4\% | 0.1128 |
| 2081 | 5,849 | 230,244 | 3936.4\% | 0.1087 |
| Past | 225,744,448 | 9,044,354 | 4.0\% |  |
| Future | 161,341,384 | 275,564,726 | 170.8\% |  |
| Lifetime | 387,085,832 | 284,609,080 | 73.5\% |  |

Genworth Life Insurance Company
Attachment 9b: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with 43.9\% Rate Increase from Inceptiol Applicable to Policies Not Subject to the Revised Couples Discoun Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 2,581,811 | 0 | 0.0\% | 1.4794 |
| 2012 | 86,343,210 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 191,571,174 | 933,524 | 0.5\% | 1.3730 |
| 2014 | 215,598,192 | 1,584,107 | 0.7\% | 1.3228 |
| 2015 | 213,460,722 | 2,715,353 | 1.3\% | 1.2743 |
| 2016 | 210,136,039 | 5,046,691 | 2.4\% | 1.2277 |
| 2017 | 207,515,743 | 5,522,710 | 2.7\% | 1.1827 |
| 2018 | 205,075,492 | 8,111,539 | 4.0\% | 1.1394 |
| 2019 | 202,931,567 | 10,543,230 | 5.2\% | 1.0977 |
| 2020 | 200,836,146 | 13,487,163 | 6.7\% | 1.0575 |
| 2021 | 197,498,593 | 20,930,484 | 10.6\% | 1.0188 |
| 2022 | 177,309,603 | 31,545,063 | 17.8\% | 0.9815 |
| 2023 | 163,325,155 | 38,109,697 | 23.3\% | 0.9456 |
| 2024 | 160,705,187 | 46,055,949 | 28.7\% | 0.9110 |
| 2025 | 157,988,152 | 55,191,756 | 34.9\% | 0.8776 |
| 2026 | 155,099,849 | 65,205,504 | 42.0\% | 0.8455 |
| 2027 | 151,979,032 | 75,838,726 | 49.9\% | 0.8145 |
| 2028 | 148,587,820 | 87,917,434 | 59.2\% | 0.7847 |
| 2029 | 144,876,969 | 101,882,248 | 70.3\% | 0.7560 |
| 2030 | 140,778,106 | 116,650,380 | 82.9\% | 0.7283 |
| 2031 | 136,273,613 | 131,204,715 | 96.3\% | 0.7017 |
| 2032 | 131,350,662 | 146,164,545 | 111.3\% | 0.6760 |
| 2033 | 126,077,475 | 164,398,326 | 130.4\% | 0.6512 |
| 2034 | 120,498,970 | 185,007,087 | 153.5\% | 0.6274 |
| 2035 | 114,645,116 | 204,044,139 | 178.0\% | 0.6044 |
| 2036 | 108,558,112 | 220,796,233 | 203.4\% | 0.5823 |
| 2037 | 102,283,650 | 234,980,091 | 229.7\% | 0.5610 |
| 2038 | 95,857,589 | 248,090,368 | 258.8\% | 0.5404 |
| 2039 | 89,322,042 | 260,554,060 | 291.7\% | 0.5207 |
| 2040 | 82,732,242 | 268,569,683 | 324.6\% | 0.5016 |
| 2041 | 76,163,418 | 273,572,200 | 359.2\% | 0.4832 |
| 2042 | 69,689,120 | 276,830,820 | 397.2\% | 0.4655 |
| 2043 | 63,351,603 | 277,360,104 | 437.8\% | 44.8\% |
| 2044 | 57,192,885 | 275,344,777 | 481.4\% | 0.4321 |
| 2045 | 51,276,760 | 268,658,963 | 523.9\% | 0.4163 |
| 2046 | 45,667,058 | 259,563,188 | 568.4\% | 0.4010 |
| 2047 | 40,412,334 | 250,245,795 | 619.2\% | 0.3863 |
| 2048 | 35,522,869 | 238,251,352 | 670.7\% | 0.3722 |
| 2049 | 31,001,340 | 223,410,558 | 720.6\% | 0.3586 |
| 2050 | 26,858,547 | 206,303,015 | 768.1\% | 0.3454 |
| 2051 | 23,109,544 | 188,558,917 | 815.9\% | 0.3328 |
| 2052 | 19,755,536 | 172,505,378 | 873.2\% | 0.3206 |
| 2053 | 16,775,181 | 157,054,757 | 936.2\% | 0.3089 |
| 2054 | 14,144,395 | 141,609,600 | 1001.2\% | 0.2976 |
| 2055 | 11,842,504 | 126,873,792 | 1071.3\% | 0.2867 |
| 2056 | 9,850,874 | 112,621,253 | 1143.3\% | 0.2762 |
| 2057 | 8,146,476 | 98,042,838 | 1203.5\% | 0.2661 |
| 2058 | 6,697,723 | 84,332,239 | 1259.1\% | 0.2563 |
| 2059 | 5,473,842 | 73,009,043 | 1333.8\% | 0.2469 |
| 2060 | 4,447,801 | 63,439,512 | 1426.3\% | 0.2379 |
| 2061 | 3,594,390 | 55,005,992 | 1530.3\% | 0.2292 |
| 2062 | 2,889,278 | 47,542,498 | 1645.5\% | 0.2208 |
| 2063 | 2,310,318 | 40,776,323 | 1765.0\% | 0.2127 |
| 2064 | 1,838,784 | 34,701,039 | 1887.2\% | 0.2049 |
| 2065 | 1,457,094 | 29,476,463 | 2023.0\% | 0.1974 |
| 2066 | 1,149,432 | 24,936,198 | 2169.4\% | 0.1902 |
| 2067 | 902,647 | 20,865,340 | 2311.6\% | 0.1832 |
| 2068 | 705,761 | 17,289,336 | 2449.7\% | 0.1765 |
| 2069 | 549,608 | 14,472,402 | 2633.2\% | 0.1701 |
| 2070 | 425,925 | 12,019,404 | 2822.0\% | 0.1638 |
| 2071 | 328,037 | 9,828,818 | 2996.3\% | 0.1578 |
| 2072 | 250,812 | 8,029,328 | 3201.3\% | 0.1521 |
| 2073 | 190,275 | 6,495,725 | 3413.9\% | 0.1465 |
| 2074 | 143,232 | 5,165,846 | 3606.6\% | 0.1411 |
| 2075 | 107,027 | 4,074,865 | 3807.3\% | 0.1360 |
| 2076 | 79,298 | 3,185,160 | 4016.7\% | 0.1310 |
| 2077 | 58,226 | 2,439,787 | 4190.2\% | 0.1262 |
| 2078 | 42,381 | 1,797,492 | 4241.2\% | 0.1216 |
| 2079 | 30,594 | 1,314,820 | 4297.7\% | 0.1171 |
| 2080 | 21,890 | 958,423 | 4378.4\% | 0.1128 |
| 2081 | 15,522 | 695,726 | 4482.2\% | 0.1087 |
| Past | 2,320,569,177 | 75,998,208 | 3.3\% |  |
| Future | 2,119,471,703 | 3,188,563,727 | 150.4\% |  |
| Lifetime | 4,440,040,880 | 3,264,561,934 | 73.5\% |  |

Genworth Life Insurance Company
Attachment 9c: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with 16.2\% Rate Increase from Inceptio
Applicable to Policies Subject to the Revised Couples Discoun Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 404 | 0 | 0.0\% | 1.4794 |
| 2012 | 663,961 | 0 | 0.0\% | 1.4252 |
| 2013 | 14,158,170 | 3,188 | 0.0\% | 1.3730 |
| 2014 | 25,775,891 | 80,000 | 0.3\% | 1.3228 |
| 2015 | 26,887,950 | 194,823 | 0.7\% | 1.2743 |
| 2016 | 26,422,384 | 668,171 | 2.5\% | 1.2277 |
| 2017 | 26,010,494 | 53,442 | 0.2\% | 1.1827 |
| 2018 | 25,624,755 | 225,258 | 0.9\% | 1.1394 |
| 2019 | 25,283,808 | 2,170,558 | 8.6\% | 1.0977 |
| 2020 | 24,981,343 | 912,938 | 3.7\% | 1.0575 |
| 2021 | 24,723,227 | 1,559,599 | 6.3\% | 1.0188 |
| 2022 | 24,170,523 | 2,872,096 | 11.9\% | 0.9815 |
| 2023 | 23,846,067 | 3,552,467 | 14.9\% | 0.9456 |
| 2024 | 23,499,999 | 4,383,382 | 18.7\% | 0.9110 |
| 2025 | 23,179,103 | 5,399,500 | 23.3\% | 0.8776 |
| 2026 | 22,841,675 | 6,591,159 | 28.9\% | 0.8455 |
| 2027 | 22,475,853 | 7,918,406 | 35.2\% | 0.8145 |
| 2028 | 22,076,221 | 9,318,832 | 42.2\% | 0.7847 |
| 2029 | 21,637,489 | 10,944,699 | 50.6\% | 0.7560 |
| 2030 | 21,156,156 | 12,825,245 | 60.6\% | 0.7283 |
| 2031 | 20,623,688 | 14,794,854 | 71.7\% | 0.7017 |
| 2032 | 20,033,414 | 16,920,245 | 84.5\% | 0.6760 |
| 2033 | 19,383,330 | 19,162,473 | 98.9\% | 0.6512 |
| 2034 | 18,681,942 | 21,784,506 | 116.6\% | 0.6274 |
| 2035 | 17,934,334 | 24,702,118 | 137.7\% | 0.6044 |
| 2036 | 17,144,533 | 27,437,041 | 160.0\% | 0.5823 |
| 2037 | 16,316,994 | 29,920,651 | 183.4\% | 0.5610 |
| 2038 | 15,456,647 | 32,106,081 | 207.7\% | 0.5404 |
| 2039 | 14,567,395 | 34,169,439 | 234.6\% | 0.5207 |
| 2040 | 13,654,897 | 36,068,889 | 264.1\% | 0.5016 |
| 2041 | 12,726,753 | 37,400,888 | 293.9\% | 0.4832 |
| 2042 | 11,792,167 | 38,421,293 | 325.8\% | 0.4655 |
| 2043 | 10,861,449 | 39,262,633 | 361.5\% | 44.8\% |
| 2044 | 9,939,940 | 39,596,324 | 398.4\% | 0.4321 |
| 2045 | 9,035,054 | 39,368,388 | 435.7\% | 0.4163 |
| 2046 | 8,157,631 | 38,410,147 | 470.8\% | 0.4010 |
| 2047 | 7,317,525 | 37,245,520 | 509.0\% | 0.3863 |
| 2048 | 6,522,640 | 36,134,007 | 554.0\% | 0.3722 |
| 2049 | 5,774,438 | 34,555,521 | 598.4\% | 0.3586 |
| 2050 | 5,075,365 | 32,502,903 | 640.4\% | 0.3454 |
| 2051 | 4,428,503 | 29,976,101 | 676.9\% | 0.3328 |
| 2052 | 3,837,248 | 27,385,324 | 713.7\% | 0.3206 |
| 2053 | 3,303,275 | 25,111,294 | 760.2\% | 0.3089 |
| 2054 | 2,823,799 | 22,880,891 | 810.3\% | 0.2976 |
| 2055 | 2,396,313 | 20,681,395 | 863.1\% | 0.2867 |
| 2056 | 2,018,884 | 18,582,524 | 920.4\% | 0.2762 |
| 2057 | 1,689,757 | 16,486,738 | 975.7\% | 0.2661 |
| 2058 | 1,405,973 | 14,330,362 | 1019.2\% | 0.2563 |
| 2059 | 1,162,562 | 12,322,965 | 1060.0\% | 0.2469 |
| 2060 | 955,245 | 10,675,748 | 1117.6\% | 0.2379 |
| 2061 | 780,129 | 9,273,680 | 1188.7\% | 0.2292 |
| 2062 | 633,463 | 7,998,610 | 1262.7\% | 0.2208 |
| 2063 | 511,494 | 6,859,270 | 1341.0\% | 0.2127 |
| 2064 | 410,770 | 5,827,466 | 1418.7\% | 0.2049 |
| 2065 | 328,323 | 4,915,165 | 1497.1\% | 0.1974 |
| 2066 | 261,243 | 4,149,402 | 1588.3\% | 0.1902 |
| 2067 | 206,875 | 3,479,824 | 1682.1\% | 0.1832 |
| 2068 | 163,102 | 2,879,807 | 1765.7\% | 0.1765 |
| 2069 | 128,064 | 2,374,226 | 1853.9\% | 0.1701 |
| 2070 | 100,161 | 1,960,369 | 1957.2\% | 0.1638 |
| 2071 | 77,955 | 1,597,478 | 2049.2\% | 0.1578 |
| 2072 | 60,309 | 1,291,518 | 2141.5\% | 0.1521 |
| 2073 | 46,328 | 1,040,560 | 2246.1\% | 0.1465 |
| 2074 | 35,329 | 837,581 | 2370.8\% | 0.1411 |
| 2075 | 26,762 | 664,745 | 2483.9\% | 0.1360 |
| 2076 | 20,140 | 523,080 | 2597.2\% | 0.1310 |
| 2077 | 15,025 | 411,982 | 2742.0\% | 0.1262 |
| 2078 | 11,117 | 313,839 | 2822.9\% | 0.1216 |
| 2079 | 8,154 | 229,174 | 2810.5\% | 0.1171 |
| 2080 | 5,933 | 165,985 | 2797.5\% | 0.1128 |
| 2081 | 4,281 | 120,992 | 2826.6\% | 0.1087 |
| Past | 260,507,402 | 6,435,742 | 2.5\% |  |
| Future | 324,678,874 | 423,901,781 | 130.6\% |  |
| Lifetime | 585,186,276 | 430,337,523 | 73.5\% |  |

Attachment 10a: Flex 1 Policy Forms - Nationwide Experienct
Nationwide Experience with 87.2\% Rate Increast
Applicable to Policies Not Subject to the Revised Couples Discoun
Lifetime High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 185,197 | 0 | 0.0\% | 1.4794 |
| 2012 | 6,676,422 | 143,095 | 2.1\% | 1.4252 |
| 2013 | 12,534,070 | 227,493 | 1.8\% | 1.3730 |
| 2014 | 12,326,703 | 31,688 | 0.3\% | 1.3228 |
| 2015 | 12,175,583 | 89,112 | 0.7\% | 1.2743 |
| 2016 | 12,042,194 | 2,116,954 | 17.6\% | 1.2277 |
| 2017 | 11,894,894 | 16,647 | 0.1\% | 1.1827 |
| 2018 | 11,767,231 | 756,716 | 6.4\% | 1.1394 |
| 2019 | 11,638,696 | 790,507 | 6.8\% | 1.0977 |
| 2020 | 11,544,133 | 2,284,036 | 19.8\% | 1.0575 |
| 2021 | 11,370,339 | 1,578,794 | 13.9\% | 1.0188 |
| 2022 | 9,402,589 | 2,658,138 | 28.3\% | 0.9815 |
| 2023 | 13,416,169 | 3,308,095 | 24.7\% | 0.9456 |
| 2024 | 20,370,942 | 4,065,385 | 20.0\% | 0.9110 |
| 2025 | 20,097,417 | 4,630,287 | 23.0\% | 0.8776 |
| 2026 | 19,801,390 | 5,253,461 | 26.5\% | 0.8455 |
| 2027 | 19,471,505 | 5,905,137 | 30.3\% | 0.8145 |
| 2028 | 19,096,783 | 6,683,093 | 35.0\% | 0.7847 |
| 2029 | 18,702,798 | 7,604,393 | 40.7\% | 0.7560 |
| 2030 | 18,274,014 | 8,572,191 | 46.9\% | 0.7283 |
| 2031 | 17,807,877 | 9,508,724 | 53.4\% | 0.7017 |
| 2032 | 17,291,265 | 10,436,270 | 60.4\% | 0.6760 |
| 2033 | 16,742,614 | 11,720,038 | 70.0\% | 0.6512 |
| 2034 | 16,157,586 | 13,296,333 | 82.3\% | 0.6274 |
| 2035 | 15,538,075 | 14,772,695 | 95.1\% | 0.6044 |
| 2036 | 14,887,408 | 16,097,685 | 108.1\% | 0.5823 |
| 2037 | 14,208,556 | 17,276,920 | 121.6\% | 0.5610 |
| 2038 | 13,501,726 | 18,664,792 | 138.2\% | 0.5404 |
| 2039 | 12,768,925 | 20,222,710 | 158.4\% | 0.5207 |
| 2040 | 12,021,646 | 21,466,141 | 178.6\% | 0.5016 |
| 2041 | 11,261,561 | 22,524,459 | 200.0\% | 0.4832 |
| 2042 | 10,493,424 | 23,353,166 | 222.6\% | 0.4655 |
| 2043 | 9,721,093 | 24,011,757 | 247.0\% | 44.8\% |
| 2044 | 8,954,811 | 24,616,888 | 274.9\% | 0.4321 |
| 2045 | 8,204,209 | 24,791,356 | 302.2\% | 0.4163 |
| 2046 | 7,475,290 | 24,861,810 | 332.6\% | 0.4010 |
| 2047 | 6,775,008 | 24,803,690 | 366.1\% | 0.3863 |
| 2048 | 6,105,011 | 24,246,883 | 397.2\% | 0.3722 |
| 2049 | 5,466,982 | 23,349,845 | 427.1\% | 0.3586 |
| 2050 | 4,863,800 | 22,188,601 | 456.2\% | 0.3454 |
| 2051 | 4,305,620 | 21,095,831 | 490.0\% | 0.3328 |
| 2052 | 3,790,531 | 20,176,990 | 532.3\% | 0.3206 |
| 2053 | 3,317,951 | 19,127,121 | 576.5\% | 0.3089 |
| 2054 | 2,887,660 | 17,947,528 | 621.5\% | 0.2976 |
| 2055 | 2,498,909 | 16,713,295 | 668.8\% | 0.2867 |
| 2056 | 2,151,337 | 15,443,895 | 717.9\% | 0.2762 |
| 2057 | 1,843,321 | 13,925,963 | 755.5\% | 0.2661 |
| 2058 | 1,571,584 | 12,425,812 | 790.7\% | 0.2563 |
| 2059 | 1,333,470 | 11,332,841 | 849.9\% | 0.2469 |
| 2060 | 1,126,059 | 10,419,157 | 925.3\% | 0.2379 |
| 2061 | 946,537 | 9,643,852 | 1018.9\% | 0.2292 |
| 2062 | 791,989 | 8,880,131 | 1121.2\% | 0.2208 |
| 2063 | 659,861 | 8,118,806 | 1230.4\% | 0.2127 |
| 2064 | 547,755 | 7,360,895 | 1343.8\% | 0.2049 |
| 2065 | 452,873 | 6,651,052 | 1468.6\% | 0.1974 |
| 2066 | 372,813 | 5,962,077 | 1599.2\% | 0.1902 |
| 2067 | 305,570 | 5,194,811 | 1700.0\% | 0.1832 |
| 2068 | 249,376 | 4,469,899 | 1792.4\% | 0.1765 |
| 2069 | 202,592 | 3,931,290 | 1940.5\% | 0.1701 |
| 2070 | 163,710 | 3,431,449 | 2096.1\% | 0.1638 |
| 2071 | 131,525 | 2,944,940 | 2239.1\% | 0.1578 |
| 2072 | 105,022 | 2,485,959 | 2367.1\% | 0.1521 |
| 2073 | 83,348 | 2,086,910 | 2503.8\% | 0.1465 |
| 2074 | 65,786 | 1,689,708 | 2568.5\% | 0.1411 |
| 2075 | 51,625 | 1,349,809 | 2614.6\% | 0.1360 |
| 2076 | 40,272 | 1,054,131 | 2617.5\% | 0.1310 |
| 2077 | 31,222 | 786,777 | 2519.9\% | 0.1262 |
| 2078 | 24,060 | 587,615 | 2442.3\% | 0.1216 |
| 2079 | 18,419 | 432,631 | 2348.9\% | 0.1171 |
| 2080 | 13,997 | 314,564 | 2247.4\% | 0.1128 |
| 2081 | 10,549 | 230,987 | 2189.7\% | 0.1087 |
| Past | 137,649,054 | 9,044,354 | 6.6\% |  |
| Future | 266,257,124 | 287,945,389 | 108.1\% |  |
| Lifetime | 403,906,177 | 296,989,743 | 73.5\% |  |

Attachment 10b: Flex 1 Policy Forms - Nationwide Experience
Nationwide Experience with 36.9\% Rate Increast
Applicable to Policies Not Subject to the Revised Couples Discoun
Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,794,170 | 0 | 0.0\% | 1.4794 |
| 2012 | 60,002,231 | 20,606 | 0.0\% | 1.4252 |
| 2013 | 133,127,988 | 933,524 | 0.7\% | 1.3730 |
| 2014 | 149,825,012 | 1,584,107 | 1.1\% | 1.3228 |
| 2015 | 148,339,626 | 2,715,353 | 1.8\% | 1.2743 |
| 2016 | 146,029,214 | 5,046,691 | 3.5\% | 1.2277 |
| 2017 | 144,208,299 | 5,522,710 | 3.8\% | 1.1827 |
| 2018 | 142,512,503 | 8,111,539 | 5.7\% | 1.1394 |
| 2019 | 141,022,632 | 10,543,230 | 7.5\% | 1.0977 |
| 2020 | 139,566,467 | 13,487,163 | 9.7\% | 1.0575 |
| 2021 | 137,247,111 | 20,930,484 | 15.3\% | 1.0188 |
| 2022 | 123,443,484 | 29,840,270 | 24.2\% | 0.9815 |
| 2023 | 189,706,487 | 39,003,233 | 20.6\% | 0.9456 |
| 2024 | 241,681,284 | 49,204,570 | 20.4\% | 0.9110 |
| 2025 | 237,566,224 | 58,786,734 | 24.7\% | 0.8776 |
| 2026 | 233,200,677 | 69,302,386 | 29.7\% | 0.8455 |
| 2027 | 228,492,622 | 80,467,373 | 35.2\% | 0.8145 |
| 2028 | 223,382,879 | 93,141,356 | 41.7\% | 0.7847 |
| 2029 | 217,796,417 | 107,778,716 | 49.5\% | 0.7560 |
| 2030 | 211,627,636 | 123,219,780 | 58.2\% | 0.7283 |
| 2031 | 204,851,774 | 138,390,162 | 67.6\% | 0.7017 |
| 2032 | 197,449,219 | 153,944,678 | 78.0\% | 0.6760 |
| 2033 | 189,520,887 | 172,873,522 | 91.2\% | 0.6512 |
| 2034 | 181,133,719 | 194,211,737 | 107.2\% | 0.6274 |
| 2035 | 172,333,149 | 213,810,400 | 124.1\% | 0.6044 |
| 2036 | 163,182,008 | 230,945,088 | 141.5\% | 0.5823 |
| 2037 | 153,749,639 | 245,356,074 | 159.6\% | 0.5610 |
| 2038 | 144,089,774 | 258,608,700 | 179.5\% | 0.5404 |
| 2039 | 134,265,466 | 271,141,597 | 201.9\% | 0.5207 |
| 2040 | 124,359,472 | 279,025,396 | 224.4\% | 0.5016 |
| 2041 | 114,485,335 | 283,769,016 | 247.9\% | 0.4832 |
| 2042 | 104,753,403 | 286,708,747 | 273.7\% | 0.4655 |
| 2043 | 95,227,078 | 286,834,798 | 301.2\% | 44.8\% |
| 2044 | 85,969,535 | 284,335,011 | 330.7\% | 0.4321 |
| 2045 | 77,076,655 | 277,013,619 | 359.4\% | 0.4163 |
| 2046 | 68,644,399 | 267,215,286 | 389.3\% | 0.4010 |
| 2047 | 60,745,720 | 257,227,229 | 423.4\% | 0.3863 |
| 2048 | 53,396,061 | 244,542,358 | 458.0\% | 0.3722 |
| 2049 | 46,599,491 | 228,993,858 | 491.4\% | 0.3586 |
| 2050 | 40,372,224 | 211,192,237 | 523.1\% | 0.3454 |
| 2051 | 34,736,914 | 192,800,800 | 555.0\% | 0.3328 |
| 2052 | 29,695,358 | 176,184,649 | 593.3\% | 0.3206 |
| 2053 | 25,215,464 | 160,227,402 | 635.4\% | 0.3089 |
| 2054 | 21,261,021 | 144,316,922 | 678.8\% | 0.2976 |
| 2055 | 17,800,955 | 129,163,936 | 725.6\% | 0.2867 |
| 2056 | 14,807,253 | 114,537,848 | 773.5\% | 0.2762 |
| 2057 | 12,245,303 | 99,617,804 | 813.5\% | 0.2661 |
| 2058 | 10,067,623 | 85,610,453 | 850.4\% | 0.2563 |
| 2059 | 8,227,956 | 74,052,525 | 900.0\% | 0.2469 |
| 2060 | 6,685,672 | 64,294,690 | 961.7\% | 0.2379 |
| 2061 | 5,402,876 | 55,704,058 | 1031.0\% | 0.2292 |
| 2062 | 4,342,993 | 48,109,058 | 1107.7\% | 0.2208 |
| 2063 | 3,472,734 | 41,231,743 | 1187.3\% | 0.2127 |
| 2064 | 2,763,952 | 35,063,587 | 1268.6\% | 0.2049 |
| 2065 | 2,190,218 | 29,764,060 | 1359.0\% | 0.1974 |
| 2066 | 1,727,758 | 25,162,942 | 1456.4\% | 0.1902 |
| 2067 | 1,356,805 | 21,042,157 | 1550.9\% | 0.1832 |
| 2068 | 1,060,859 | 17,425,956 | 1642.6\% | 0.1765 |
| 2069 | 826,139 | 14,578,730 | 1764.7\% | 0.1701 |
| 2070 | 640,225 | 12,101,476 | 1890.2\% | 0.1638 |
| 2071 | 493,086 | 9,891,121 | 2006.0\% | 0.1578 |
| 2072 | 377,006 | 8,076,524 | 2142.3\% | 0.1521 |
| 2073 | 286,010 | 6,531,123 | 2283.5\% | 0.1465 |
| 2074 | 215,298 | 5,191,992 | 2411.5\% | 0.1411 |
| 2075 | 160,877 | 4,094,013 | 2544.8\% | 0.1360 |
| 2076 | 119,196 | 3,199,026 | 2683.8\% | 0.1310 |
| 2077 | 87,523 | 2,449,648 | 2798.9\% | 0.1262 |
| 2078 | 63,705 | 1,804,261 | 2832.2\% | 0.1216 |
| 2079 | 45,986 | 1,319,440 | 2869.2\% | 0.1171 |
| 2080 | 32,904 | 961,569 | 2922.4\% | 0.1128 |
| 2081 | 23,332 | 697,864 | 2991.1\% | 0.1087 |
| Past | 1,612,626,252 | 75,998,208 | 4.7\% |  |
| Future | 2,993,047,134 | 3,310,387,865 | 110.6\% |  |
| Lifetime | 4,605,673,386 | 3,386,386,072 | 73.5\% |  |

Attachment 10c: Flex 1 Policy Forms - Nationwide Experience Nationwide Experience with 32.5\% Rate Increas Applicable to Policies Subject to the Revised Couples Discoun Limited High BIO; Best Estimate Assumptions + 10\% MAE

| Calendar Year | Earned Premium | Incurred Claims | Loss Ratio | $\begin{gathered} 3.80 \% \\ \text { Discount Factor } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2011 | 348 | 0 | 0.0\% | 1.4794 |
| 2012 | 571,395 | 0 | 0.0\% | 1.4252 |
| 2013 | 12,184,312 | 3,188 | 0.0\% | 1.3730 |
| 2014 | 22,182,350 | 80,000 | 0.4\% | 1.3228 |
| 2015 | 23,139,372 | 194,823 | 0.8\% | 1.2743 |
| 2016 | 22,738,713 | 668,171 | 2.9\% | 1.2277 |
| 2017 | 22,384,247 | 53,442 | 0.2\% | 1.1827 |
| 2018 | 22,052,285 | 225,258 | 1.0\% | 1.1394 |
| 2019 | 21,758,871 | 2,170,558 | 10.0\% | 1.0977 |
| 2020 | 21,498,574 | 912,938 | 4.2\% | 1.0575 |
| 2021 | 21,276,443 | 1,559,599 | 7.3\% | 1.0188 |
| 2022 | 20,809,648 | 2,794,064 | 13.4\% | 0.9815 |
| 2023 | 23,040,537 | 3,532,558 | 15.3\% | 0.9456 |
| 2024 | 27,639,736 | 4,502,995 | 16.3\% | 0.9110 |
| 2025 | 27,263,718 | 5,540,396 | 20.3\% | 0.8776 |
| 2026 | 26,867,868 | 6,757,125 | 25.1\% | 0.8455 |
| 2027 | 26,438,386 | 8,111,877 | 30.7\% | 0.8145 |
| 2028 | 25,968,960 | 9,540,365 | 36.7\% | 0.7847 |
| 2029 | 25,453,467 | 11,198,262 | 44.0\% | 0.7560 |
| 2030 | 24,887,501 | 13,114,039 | 52.7\% | 0.7283 |
| 2031 | 24,261,258 | 15,118,347 | 62.3\% | 0.7017 |
| 2032 | 23,567,007 | 17,279,288 | 73.3\% | 0.6760 |
| 2033 | 22,802,345 | 19,556,668 | 85.8\% | 0.6512 |
| 2034 | 21,977,310 | 22,218,715 | 101.1\% | 0.6274 |
| 2035 | 21,097,937 | 25,176,739 | 119.3\% | 0.6044 |
| 2036 | 20,168,866 | 27,944,326 | 138.6\% | 0.5823 |
| 2037 | 19,195,383 | 30,452,622 | 158.6\% | 0.5610 |
| 2038 | 18,183,296 | 32,655,249 | 179.6\% | 0.5404 |
| 2039 | 17,137,197 | 34,732,108 | 202.7\% | 0.5207 |
| 2040 | 16,063,744 | 36,640,016 | 228.1\% | 0.5016 |
| 2041 | 14,971,896 | 37,970,468 | 253.6\% | 0.4832 |
| 2042 | 13,872,462 | 38,984,023 | 281.0\% | 0.4655 |
| 2043 | 12,777,559 | 39,815,231 | 311.6\% | 44.8\% |
| 2044 | 11,693,496 | 40,131,441 | 343.2\% | 0.4321 |
| 2045 | 10,628,979 | 39,877,088 | 375.2\% | 0.4163 |
| 2046 | 9,596,769 | 38,883,301 | 405.2\% | 0.4010 |
| 2047 | 8,608,457 | 37,683,043 | 437.7\% | 0.3863 |
| 2048 | 7,673,345 | 36,538,064 | 476.2\% | 0.3722 |
| 2049 | 6,793,153 | 34,922,931 | 514.1\% | 0.3586 |
| 2050 | 5,970,757 | 32,831,631 | 549.9\% | 0.3454 |
| 2051 | 5,209,779 | 30,264,902 | 580.9\% | 0.3328 |
| 2052 | 4,514,215 | 27,637,232 | 612.2\% | 0.3206 |
| 2053 | 3,886,039 | 25,331,480 | 651.9\% | 0.3089 |
| 2054 | 3,321,973 | 23,071,894 | 694.5\% | 0.2976 |
| 2055 | 2,819,070 | 20,845,269 | 739.4\% | 0.2867 |
| 2056 | 2,375,056 | 18,721,956 | 788.3\% | 0.2762 |
| 2057 | 1,987,863 | 16,603,821 | 835.3\% | 0.2661 |
| 2058 | 1,654,015 | 14,426,615 | 872.2\% | 0.2563 |
| 2059 | 1,367,661 | 12,401,374 | 906.8\% | 0.2469 |
| 2060 | 1,123,770 | 10,740,037 | 955.7\% | 0.2379 |
| 2061 | 917,760 | 9,326,465 | 1016.2\% | 0.2292 |
| 2062 | 745,219 | 8,041,624 | 1079.1\% | 0.2208 |
| 2063 | 601,732 | 6,894,046 | 1145.7\% | 0.2127 |
| 2064 | 483,238 | 5,855,250 | 1211.7\% | 0.2049 |
| 2065 | 386,246 | 4,937,189 | 1278.3\% | 0.1974 |
| 2066 | 307,332 | 4,166,860 | 1355.8\% | 0.1902 |
| 2067 | 243,372 | 3,493,591 | 1435.5\% | 0.1832 |
| 2068 | 191,876 | 2,890,517 | 1506.4\% | 0.1765 |
| 2069 | 150,657 | 2,382,517 | 1581.4\% | 0.1701 |
| 2070 | 117,832 | 1,966,788 | 1669.2\% | 0.1638 |
| 2071 | 91,708 | 1,602,393 | 1747.3\% | 0.1578 |
| 2072 | 70,949 | 1,295,249 | 1825.6\% | 0.1521 |
| 2073 | 54,501 | 1,043,381 | 1914.4\% | 0.1465 |
| 2074 | 41,561 | 839,716 | 2020.4\% | 0.1411 |
| 2075 | 31,483 | 666,338 | 2116.5\% | 0.1360 |
| 2076 | 23,693 | 524,260 | 2212.7\% | 0.1310 |
| 2077 | 17,675 | 412,853 | 2335.8\% | 0.1262 |
| 2078 | 13,079 | 314,464 | 2404.4\% | 0.1216 |
| 2079 | 9,593 | 229,604 | 2393.5\% | 0.1171 |
| 2080 | 6,980 | 166,277 | 2382.2\% | 0.1128 |
| 2081 | 5,036 | 121,193 | 2406.7\% | 0.1087 |
| Past | 224,188,814 | 6,435,742 | 2.9\% |  |
| Future | 369,713,942 | 430,180,576 | 116.4\% |  |
| Lifetime | 593,902,755 | 436,616,318 | 73.5\% |  |

## Objection Response

 Genworth Life Insurance CompanyThis letter is in response to the comments received in your objection letter, dated March 22, 2024, to Genworth Life Insurance Company's (GLIC's) Flex 1 Virginia rate increase request. The comments and our responses are as follows:

1. In accordance with discussions with the Bureau, please update the filing, including Rate Tables and Rate/Rule Schedule information, Actuarial Memorandum and projections, Rate/Request Summary and Cover Letter, and General Information tab as appropriate to support the following increases:

Limited High Bio with the revised couple's discount: 26.7\%
Limited High Bio without the revised couple's discount: 20.2\%
Lifetime High Bio without the revised couple's discount: 60.4\%

GLIC acknowledges the Department's decision to limit the approval to less than what was requested and to approve the rate increases in the table below and have updated the rate tables accordingly. However, GLIC believes the experience justifies a larger increase, as detailed in our original request. GLIC will continue to monitor the experience on this block of business and anticipates filing subsequent rate increases in the future, as justified by our experience.

| Flex (CO) |  | Flex 1 (LD) |
| :---: | :---: | :---: |
| Lifetime High BIO | Limited High BIO | Limited High BIO |
| $60.4 \%$ | $20.2 \%$ | $26.7 \%$ |

Please see "VA Flex I (CO) Rate Tables _Proposed.pdf" and "VA Flex I (LD) Rate Tables _Proposed.pdf" for the updated rate tables.
2. The Bureau is requesting Genworth consider phasing the increases over a 2- or 3-year period without actuarial adjustment for time value of money.

GLIC confirms with the Bureau that based on recent conversations, these offers will not be phased.

## Rate Tables

1. Please move the current rates to Supporting Documentation and only include the proposed rates under the Rate/Rule Schedule.

Please see the Supporting Documentation tab for the current rates with the proposed rates under the Rate/Rule Schedule tab as requested.

## Objection Response Genworth Life Insurance Company

## 2. Please clearly indicate on the rate sheets which couple's discount applies.

We have updated the headers of the rate tables to indicate which couples discount applies for joint policies. Please see "VA Flex 1 (CO) Rate Tables_Proposed.pdf" and "VA Flex 1 (LD) Rate Tables _Proposed.pdf"
3. This filing includes rates for policyholders with and without the revised couple's discount. The prior filing, GEFA-132466851, included only rates for form 7052 VA policyholders without the revised couple's discount.

- Please provide the SERFF filing number where the current rates for policies with the revised couple's discount were approved. Is it GEFA-126825490?

The rates for the revised couples discount was filed under GEFA-128311783, filed on $5 / 12 / 2012$ and approved by the Department on 12/20/2012. Policies under the revised discounts were first issued on 7/11/2013.

In GEFA-132466851, GLIC evaluated the need for rate increases between CO and LD joint policies separately, and those LD policies did not justify a rate increase at that time. Additionally, that memorandum incorrectly stated that the revised discount structure had not been approved in your state, but the rate increases from that filing were only applied to the policies not subject to the revised couple's discount.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: March 28, 2024

## Objection Response

 Genworth Life Insurance CompanyThis letter is in reference to Genworth's recent response to the comments received in your objection letter, dated March 22, 2024, to GLIC's Flex 1 Virginia rate increase request. Please note that our response to the following comment was incomplete and has been updated below:

1. In accordance with discussions with the Bureau, please update the filing, including Rate Tables and Rate/Rule Schedule information, Actuarial Memorandum and projections, Rate/Request Summary and Cover Letter, and General Information tab as appropriate to support the following increases:

## Limited High Bio with the revised couple's discount: 26.7\%

Limited High Bio without the revised couple's discount: 20.2\%
Lifetime High Bio without the revised couple's discount: 60.4\%

GLIC acknowledges the Department's decision to limit the approval to less than what was requested and to approve the rate increases in the table below and have updated the rate tables accordingly. However, GLIC believes the experience justifies a larger increase, as detailed in our original request. GLIC will continue to monitor the experience on this block of business and anticipates filing subsequent rate increases in the future, as justified by our experience.

| Flex (CO) |  | Flex 1 (LD) |
| :---: | :---: | :---: |
| Lifetime High BIO | Limited High BIO | Limited High BIO |
| $60.4 \%$ | $20.2 \%$ | $26.7 \%$ |

Please see "VA Flex I (CO) Rate Tables.pdf" and "VA Flex I (LD) Rate Tables.pdf" for the updated rate tables.

Please see the following files that have been updated to reflect the amounts in this offer:

- VA Flex 1 Confidential Memo 20240404.pdf
- VA Flex 1 Cover Letter 20240404.pdf
- VA Long Term Care Insurance Rate Request Summary 20221021.pdf


## Objection Response Genworth Life Insurance Company

Additionally, we discovered that the data set used to calculate the maximum amounts justified under the OP/85 Dual Loss Ratio Test with 10\% MAE was not linked to the calculation correctly. The corrected data would support an additional $4-6 \%$ on each cohort while still passing the Dual Loss Ratio Test. This note is being provided for the Department's information, as GLIC is not looking for an update to the offer already indicated by the Department.

Regards,

(John) Andy Mitts, FSA, CERA, MAAA
Senior Actuary, In-Force Pricing Genworth Life Insurance Company
Date: April 4, 2024

## Objection Response

Genworth Life Insurance Company
This letter is in response to the comments received in your objection letter, dated April 24, 2024, to Genworth Life Insurance Company's (GLIC's) VA Flex 1 rate increase request. The comments and our responses are as follows:

## Objection 1

Filing Description on the General Information Tab - Using a post submission update, please update paragraph 3 to reflect the revised increase request.

The information on the General Information tab has been updated.

## Objection 2

1) Please confirm the average annual premium per member.
2) Please revise the range of requested rate changes to be $0 \%-60.4 \%$.

GLIC apologizes for the oversight, the average annual premium per member has been updated and the range of requested rate changes has been revised.

Please see "VA Long Term Care Insurance Rate Request Summary Revised.pdf" for the revised document.

## Objection 3

Page 1 - please include all applicable form numbers in the heading.
Please see the below files for the revised memo with all applicable form numbers listed on page 1.

- VA Flex 1 Confidential Memo Revised.pdf


## Objection 4

We note that the company inserted a new comma in the enclosure form number "134613VA,06/29/16". Please confirm if there is a comma in the form number - it does not show up in the sample attached in the John Doe letter.

The comma was placed in error and has been removed. A revised version of 165224Flex VA 10/01/22 has been placed on the Form Schedule tab.

## Objection Response Genworth Life Insurance Company

## Objection 5

1) Please attach copies of the Optional Limited Benefit and Contingent Benefit Upon Lapse endorsements under supporting documentation and provide the SERFF filing number where these forms were approved.

The Optional Limited Benefit and Contingent Benefit Upon Lapse Endorsements have been attached to the Supporting Documentation tab as requested. The Optional Limited Benefit Endorsement (Form \#: 158271 10/17/13) was approved on May 8, 2014, under SERFF Filing Number: GEFA-129292365. The Contingent Benefit Upon Lapse Endorsement (Form \#: 134613VA 06/29/16) was approved on December 22, 2016, under SERFF Filing Number: GEFA129136848.
2) Please also attach copies of any other documents which will be used to amend a policyholder's coverage and include the SERFF filing numbers where the forms were approved.

The Coverage Amendment Rider (Form \#: 165935 VA 11/17/16) was approved on March 31, 2022 and will be used to amend/confirm changes to the policyholder's coverage. The SERFF Tracking Number for this approval is GEFA-131296443. A copy of this rider has also been placed on the Supporting Documentation tab of this filing.

## Objection 6

1) Please explain how a policyholder's premium rate for the reduced coverage percentage option be determined and provide examples. We note that this option was not listed in Section 6 of the Actuarial Memorandum.

The Coverage Percentage is the portion of the covered expense that is payable under the policy. An optional feature of policy form 7052 was that policyholders could elect to include an optional benefit that would reduce their premiums by reducing the coverage percentage. If the policyholder reduces their covered expenses from $100 \%$ to $80 \%$, the policy will pay $80 \%$ of the covered expenses up to the Daily or Monthly Maximum Benefit. The policyholder is then responsible for the remainder of the covered expense.

The premium calculation for policy form 7052 includes a combination of different factor tables that were filed with the original actuarial memorandum. In this filing, the original 'A Table' premium rates are being updated for use within the rate calculation. All other factor tables will work the same as originally priced. The table below shows the factors from the original 'Table E-4' that would be used for the reduction of the coverage percentage. Upon election, premium would be reduced, where the actual reduction is dependent on other benefit elections by the policyholder.

Objection Response Genworth Life Insurance Company

Table E-4
$\mathbf{8 0 \%}$ Payment Level (\% Reduction from 100\% Payment Level)

| Issue Age |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No BIO | $\begin{gathered} 5 \% \\ \text { Equal } \\ \text { BIO } \end{gathered}$ | $5 \%$ Compound to 65, $5 \%$ Equal | Graded | $\begin{aligned} & 3 \% \\ & \text { Compound } \\ & \text { BIO } \end{aligned}$ | $4 \%$ Compound BIO | $5 \%$ Compound BIO |
| <25 | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 25-29 | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 30-34 | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 35-39 | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 40-44 | -4.0\% | -4.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 45-49 | -4.0\% | -4.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% | -3.0\% |
| 50-54 | -5.0\% | -5.0\% | -4.5\% | -4.5\% | -4.5\% | -4.5\% | -4.5\% |
| 55-59 | -6.5\% | -6.5\% | -6.0\% | -6.0\% | -6.0\% | -6.0\% | -6.0\% |
| 60-64 | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -8.0\% | -8.0\% |
| 65-69 | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -8.5\% | -8.5\% |
| 70-74 | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -9.0\% | -8.5\% | -8.5\% |
| 75-79 | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -8.5\% | -8.5\% |
| 80-84 | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -8.5\% | -8.5\% |
| 85-89 | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -8.5\% | -8.5\% |
| 90-94 | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -9.5\% | -8.5\% | -8.5\% |

Please note the Reduced Covered Percentage Option is an optional rider and we believe it would be covered within the $5^{\text {th }}$ option in Section 6, "Description of Benefits" in the Actuarial Memorandum.
2) The Reducing Coverage Percentage section is not marked as variable. Please confirm if all policyholders will be eligible for this option.

All policyholders under policy form 7052 VA are currently at 100\% Coverage and are eligible to reduce their Covered Percentage to $80 \%$.
3) This section states the policyholder choosing this alternative will receive a new policy schedule. Please provide the SERFF filing number where the new schedule form was approved and attach a copy of the schedule in supporting documentation.

The policy Schedule was approved on 10/8/2010 under SERFF Filing Number: GEFA126825490. A copy of the Schedule has been attached to the Supporting Documentation tab.

## Objection 7

1) In the John Doe version of 165239 Flex VA, in the section "Stop paying premiums and receive a Limited Benefit" the wording refers to the Contingent Benefit Upon Lapse option, but the "Please Note" refers to the Optional Limited Benefit Endorsement. Please resolve this discrepancy.

The "Please Note" statement has been updated to reflect "Contingent Benefit Upon Lapse Endorsement". Revised John Doe versions have been attached to the Supporting Documentation tab.

## Objection Response

## Genworth Life Insurance Company

2) In the John Doe NQ letter, the \% increase does not appear to reflect the increases in this filing. Please revise to reflect how the letter is to be used with this filing.

The increase percentage has been revised on the John Doe NQ letter to reflect the offer of 60.4\% for a policyholder with lifetime/unlimited benefits and a Benefit Increase Option of $1 \%$ or higher.

Regards,


Matthew E. Haladay, FSA, MAAA
AVP \& Actuary, In-Force Pricing
Genworth Life Insurance Company
Date: April 26, 2024

Insured
[John Q. Doe]
[Apt \#1234]
[1234 Main Street]
[Anytown, USA 99999]

Policy Number
[ XXXXXXX ]

Policy Effective Date
[10/01/2010]
Issue State
[Any State]

## COVERAGE FEATURES AND LIMITS

Coverage is provided for [the Covered Percentage of ]Covered Expenses that are incurred after the Elimination Period has been satisfied. Payment is subject to the limits determined below and all other provisions of the Policy. Changes in Your Schedule may be made by Rider.

## [Covered Percentage 80\%

The Covered Percentage is that portion of Covered Expenses for which Benefits may be payable under the Policy.]

## Elimination Period

[XX days of Covered Care]
[The Elimination Period is satisfied by days You incur a Covered Expense while You are Chronically III.] OR [XX calendar days]
[The Elimination Period is satisfied by days You are Chronically III beginning with the first day You incur a Covered Expense.]
[There is no Elimination Period for the Home and Community Care Benefit. In addition, days for which payment is made under that Benefit will count towards satisfying the Elimination Period.]

## Coverage Maximum

Nursing Facility Maximum
[\$240,000]
[\$4,000 per calendar month]
Benefit Increases
[5\% Compound] [See below]
[The Coverage Maximum and amounts based on the Nursing Facility Maximum are: (a) increased when Benefit Increases apply; and (b) exhausted only when the total of all Benefits paid equals the then applicable maximum amount. Benefit Increases that apply are not affected by any Benefits paid for Covered Expenses incurred prior to the date the applicable maximum is exhausted.]
[The Coverage Maximum and amounts based on the Nursing Facility Maximum are: (a) reduced as payments are made for Covered Expenses; (b) increased when Benefit Increases apply; and (c) exhausted when they are reduced to zero.]
[5\% Compound Benefit Increases: On each anniversary of the Policy Effective Date Your then current Nursing Facility Maximum and the current amounts of other dollar maximums will increase by $5 \%$.

These Benefit Increases will be automatic; will not require proof of good health; and will be made without a corresponding increase in Premium. They will continue without regard to Your age, Claim status or Claim history, or length of time You have been insured under the Policy.

Benefit Increases cease when: (a) the applicable maximum has been exhausted; (b) they are terminated by You; (c) the Policy ends; or (d) the Policy is continued under any Nonforfeiture Benefit, if applicable.]

## GENWORTH LIFE INSURANCE COMPANY

A Delaware domiciled stock insurance company (herein called We, Us and Our) Administrative Office: [3100 Albert Lankford Drive], [Lynchburg, VA 24501]

Insured/Policyholder: [insured name1]
Policy Number: [123456789]
[insured name2]

## CONTINGENT BENEFIT UPON LAPSE ENDORSEMENT

This Endorsement is to be attached to, and adds the following Contingent Benefit Upon Lapse to the above identified Policy.

## The Benefit

This Benefit allows You to either reduce Your current level of Coverage or convert to a Shortened Benefit Period, as described below, if We make a substantial increase in the premium for the Policy.

## How This Benefit Works

If We make a substantial increase in Your premium, as determined by the following Table, We will do all of the following at least 75 days prior to the date the premium increase is to take effect:

- offer to reduce Your current level of Coverage without proof of insurability so that the premium for the Policy is not increased;
- offer to convert the Policy to a paid-up status with a Shortened Benefit Period if you have reached, or will reach during the implementation of a rate increase, the twentieth anniversary of your policy's Effective Date, or as described below. This option may be elected at any time during the 120-day period following the date of the premium increase; and
- notify You that a default or lapse at any time during the 120-day period following the date of the premium increase will be deemed to be the election of the preceding offer to convert. A default or lapse is Your failure to pay the required premium within the Grace Period.

\left.|  | Trigger for a Substantial Premium Increase* |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |$\right]$

* Percentage increase is cumulative from date of original issue. It does NOT include any increases attributed to later changes or Your election of additional or increased benefit levels.


## Shortened Benefit Period

If You convert in accordance with the above, the Policy will continue with a reduced
Coverage Maximum. It will have the same Benefits, Elimination Period requirements and other payment limits that were in effect at the time of lapse or election to convert. These limits will not be affected by any Benefit Increases provision. The amount of reduced Coverage Maximum will be the greater of:

- $100 \%$ of all premium paid for the Policy, excluding any waived premium; or
- the maximum amount in effect at the time of default or lapse for one month (30 days) under the Nursing Facility Benefit.
It will not be reduced by any Benefits previously paid under the Policy.


## Payment Limitations

Payment is subject to the limits determined above for the Shortened Benefit Period plan. In addition, the total amount payable under this Benefit and the Policy, while it was in force prior to conversion, is limited to the maximum amount that would have been paid if the Policy had remained in premium paying status. This Benefit will not apply if the Policy is continued in accordance with any other Nonforfeiture Benefit.

In all other respects the provisions and conditions of the Policy remain the same.

## Signed for Genworth Life Insurance Company.


[
]
[Ward E. Bobitz] [Secretary]

##  <br> [


[Elena Edwards] [Senior Vice President]

## GENWORTH LIFE INSURANCE COMPANY

A Delaware domiciled stock insurance company (herein called We, Us and Our) Administrative Office: [3100 Albert Lankford Drive, Lynchburg, VA 24501]

## OPTIONAL LIMITED BENEFIT ENDORSEMENT

This Endorsement adds the following Optional Limited Benefit to the [Policy].

## The Benefit

As stated in the [Policy], We will give You (the [Policyholder]) prior written notice of any change in the premium rates for the [Policy].

Subject to the Conditions and Payment Limitations below, this Benefit provides a continuation of the [Policy] if, after the date of the rate increase notification and within 120 days following the effective date of any premium rate increase, your [policy] lapses or is cancelled. This option may be elected at any time during this period. A lapse or cancellation of your [Policy] at any time during this period will be deemed to be the election of the Benefit.

## Optional Limited Benefit Allowance

As used below, the Limited Benefit Allowance is an amount equal to A minus B, where:
A= The sum of all premium paid for the [Policy], excluding any waived premium.
$B=$ The amount of all benefits paid or payable under the [Policy] for expenses incurred prior to the date the [Policy] is continued under the provisions of this Benefit.

## Conditions

Continuation of the [Policy] under the provisions of this Benefit is subject to the following conditions:

- The [Policy] will be continued under a paid-up status (with no further premium becoming due); subject to all of the terms and conditions of the [Policy] and this Benefit.
- Except as stated below, the [Policy] will have the same Benefits, Elimination Period requirement and other payment limits that were in effect on the date that this Benefit is implemented on the [Policy].
- Any Benefit Increase provision that was in effect under the [Policy] will no longer apply.


## Payment Limitations

Coverage under this Benefit ends and the [Policy] terminates when the first of the following occurs:

- the total amount paid under this Benefit equals the Limited Benefit Allowance; or
- the maximum amount of benefits payable under the [Policy] is exhausted.

In all other respects the provisions and conditions of the [Policy] remain the same.

## Signed for Genworth Life Insurance Company,

[


Ward E. Bobitz Secretary


Patrick Kelleher President and CEO

## GENWORTH LIFE INSURANCE COMPANY

Administrative Office: [3106 Albert Lankford Drive, Lynchburg, VA 24501]

## COVERAGE AMENDMENT RIDER

| NAME OF INSURED |  |  | POLICY NUMBER <br> [ABC1234567] |  | CERTIFICATE NO. (If any)[12345-7891011] |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| [John <br> (First) | Alan (Middle) | Doe] <br> (Last) |  |  |  |  |  |  |
| Effective Date of [Change/Policy/Certificate] |  |  |  | Revised Premium and Payment Mode (If applicable) |  |  |  |  |

It is understood and agreed that the [Insured's/Certificateholder's] coverage is changed as indicated below, as of the Effective Date of [Change/Policy/Certificate].
[The Name of the [Insured/Insured Spouse/Insured's Spouse or Partner] is [deleted] [changed from Jon Allen Doe to John Alan Doel.]
[The [date of birth/age/gender] for [John Alan Doe] is corrected from [xxxxxxx] to [xxxxxxx].]
[The Address of the [Insured/Certificateholder] is changed to: [99 Main Street, Anytown, US 99999]l
[The Premium Payment Mode is changed from [Semi-annual] to [Quarterlyl.]
[Inflation Protection in the form of [X\%] [Compound] Benefit Increases is [added/deleted/changed to] [X\%] [Compound].]
[The Current [Daily/Monthly] Payment Maximum for the [Policy/Certificate] \& [Home \& Community Care Coverage] [Home \& Community Care Coverage Rider] is changed from [Current \$XXX.XX] to [new Current \$XXX.XX].]
[The original [Daily/Monthly] Payment Maximum as of the Effective Date of the [Policy/Certificate] [\& Home \& Community Care Coverage Rider] is changed from [Current Original \$XXX.XX ] to [new Original \$XXX.XX].]
[The [Benefit Multiplier] for the [Policy/Certificate] \& [Home \& Community Care Coverage][Home \& Community Care Coverage Rider] is changed from [1, 2, 3, 4, 5, 6, 8, 10, 12, 20 year[ $s] /$ unlimited].
The Lifetime Payment amount is [\$XXXXX.XX].]
[The Elimination Period for the [Policy/Certificate] \& [Home \& Community Care Coverage][Home \& Community Care Coverage Rider] is changed from [20 Days] to [100 Daysl.]
[The [Non-Forfeiture/Waiver of Premium/Waiver of Home Care Elimination Period/[7/ 10] Year
Survivorship/Restoration of Benefits/Return of Premium/Monthly Benefit/Joint Coverage] Rider is [deleted/added].]
[Subject to the Daily Payment Maximum the expenses an Insured Person incurs for services provided by a Long Term
Care Facility and the Home Care benefit will be paid at [ninety percent ( $90 \%$ )].]

This Rider is to be attached to and forms a part of the [Policy/Certificate] cited above. This Rider takes effect on the date stated above.
165935 VA 11/17/16

Signed for Genworth Life Insurance Company. [


Ward E. Bobitz Secretary

Brian k. Haendiges

Brian K. Haendiges
President and Chief Executive Officer]


[^0]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^1]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^2]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^3]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^4]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^5]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^6]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^7]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^8]:    PDF Pipeline for SERFF Tracking Number GEFA-133451445 Generated 05/19/2024 02:20 PM

[^9]:    Revision to Long-Term Care Insurance (LTCI) Rates Checklist
    Virginia $1^{\text {st }}$ Edition July 2001
    Updated: October 2020

[^10]:    *Includes all rate increases approved in your state applied to all policies nationwide, but excludes the rate increase requested in this filing

[^11]:    ${ }^{1}$ Projected earned premiums and incurred claims and original pricing for Florida and California are based on pricing assumptions different from nationwide and therefore experience for these states have been excluded from the nationwide experience.

[^12]:    Tetyana Dostie, A.S.A, M.A.A.A
    Actuary
    Genworth Life Insurance Company
    April 2024

[^13]:    The Covered Percentage is the portion of Covered Expenses that may be payable under your policy. You can reduce your premium by reducing your Covered Percentage from 100\% to 80\%. If you reduce your Covered Percentage to $80 \%$, the policy will pay $80 \%$ of Covered Expenses under the Nursing Facility Benefit and the Home and Community Care Benefit, up to the [monthly] Nursing Facility Maximum.

