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<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Filing at a Glance

Company:	Allianz Life Insurance Company of North America
Product Name:	LTC Rate Increase 2023 - GP2
State:	Pennsylvania
TOI:	LTC03I Individual Long Term Care
Sub-TOI:	LTC03I.001 Qualified
Filing Type:	Rate - Other (Not M.U. or G.I. Product)
Date Submitted:	03/24/2023
SERFF Tr Num:	ALLB-133605409
SERFF Status:	Closed-Approved
State Tr Num:	ALLB-133605409
State Status:	Approved
Co Tr Num:	LTC RATE INCREASE 2023 - GP2
Effective	On Approval
Date Requested:	
Author(s):	Kristen Seremet, Scott Laska, Joe Neary, Anne Correia, Peder Swenson, Megan Fensterman, Madison Boyle, Rebecca Silbersack, Susan Knutson, Ali Hitt, Jillian Wallin, Alexis Dettbarn, Andrew Kvitek
Reviewer(s):	Sean Carmody (primary), Jim Lavery
Disposition Date:	08/02/2023
Disposition Status:	Approved
Effective Date:	

### State Filing Description:

Proposed 6.5% increase on 494 PA policyholders of 11-P-Q-PA, 11-P-Q-PA(F).

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<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## General Information

Project Name: LTC Rate Increase 2023 - GP2  
Project Number: LTC Rate Increase 2023 - GP2  
Requested Filing Mode: Review & Approval  
Explanation for Combination/Other:  
Submission Type: New Submission  
Overall Rate Impact:

Deemer Date:  
Submitted By: Jillian Wallin

Status of Filing in Domicile: Not Filed  
Date Approved in Domicile:  
Domicile Status Comments:  
Market Type: Individual  
Individual Market Type:  
Filing Status Changed: 08/02/2023  
State Status Changed: 08/02/2023  
Created By: Jillian Wallin  
Corresponding Filing Tracking Number:  
State TOI: LTC03I Individual Long Term Care

Filing Description:

**State:** Pennsylvania  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
**Product Name:** LTC Rate Increase 2023 - GP2  
**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297

Re: Allianz Life Insurance Company of North America / NAIC #90611 / FEIN #41-1366075  
Individual Long-Term Care Insurance 11-P-Q, et al.

Allianz is submitting for review revised long-term care insurance premium rates for the following form:

Generation Protector II / Generation Protector Select (GP2): 11-P-Q-PA, 11-P-Q-PA(F)

The result of this rate increase on the above policy form, if approved, is similar to a 7% aggregate rate increase in Pennsylvania. The premium rate increase request varies by benefit period as follows:

2 - 4 Year Benefit Period – 0% rate increase  
5 - 8 Year Benefit Period – 5% rate increase  
Lifetime Benefit Period – 25% rate increase

This form was sold from 2006 to 2010 in Pennsylvania, and marketed nationwide from 2006 through 2010. This form is no longer being issued in any state as Allianz stopped issuing all long-term care insurance in 2010.

As noted in the attached actuarial memorandum, there have been past rate increases on this policy form. The Department approved the following rate increases in the past:

- 31.5% on March 30, 2016  
- 18.1% on November 15, 2021

This rate increase is a follow-up to the most recent rate increase approved on November 15, 2021, where the rate increase level approved was less than the nationwide average request from the 2021 filing. This form is in need of an additional premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for. The current premiums are unreasonably low in comparison to the benefits provided. A rate increase on the above policy form is needed to reduce the losses on this business.

In the interest of balancing the needs of policyholders and rate equity across jurisdictions, we are requesting premium rate increases averaging 7%, which is much lower than we could actuarially justify. This level is comprised of the remainder of the 2021 requests for each benefit period that was not approved and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The attached actuarial memorandum contains justification for this premium increase.

To better enable our policyholders to accommodate these revised premium rates, we will be offering the following options (as available):

- Maintain current benefit amounts by paying the increased premium.
- Reduce the percentage rate increase by reducing benefit period
- Lessen the impact of the rate increase by cancelling the benefit increase rider. As a part of this rate increase for a limited time,

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<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

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policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages through a Policy Endorsement.

- Lessen the impact of the rate increase by reducing benefit amounts and/or benefit riders or lengthening elimination period. A reduction may fully or partially offset the premium increase. Benefit minimum policy requirements apply.
- Elect the reduced paid-up option in the Premium Increase Contingent Benefit Upon Lapse Rider which was approved on 9/11/2020 (SERFF Tracking # ALLB-132270504).

Subject to Department approval of this filing, we plan to begin implementing this increase in 2023. The increase would be effective on a policy's next anniversary following the implementation date. Policyholders will be notified at least 60 days prior to the effective date of their increase. In the notification, Allianz will lay out the above policyholder options.

If the full requested rate increase is approved and implemented, the Company doesn't currently intend to request any additional rate increases on this policy form unless experience worsens and the revised rates will be guaranteed not to increase for four years. The Company is also willing to phase-in a larger rate increase over multiple years to lessen the immediate impact on policyholders.

Thank you for your consideration of this filing. If you have any questions or if you need additional information to complete your review, please send an email to [Scott.Laska@AllianzLife.com](mailto:Scott.Laska@AllianzLife.com).

Sincerely,

Scott Laska, ASA, MAAA  
Assistant Actuary  
Allianz Life Insurance of North America

## Company and Contact

### Filing Contact Information

Scott Laska, Principal Actuarial Analyst	<a href="mailto:scott.laska@allianzlife.com">scott.laska@allianzlife.com</a>
5701 Golden Hills Drive	763-765-7239 [Phone]
Minneapolis, MN 55416	

### Filing Company Information

Allianz Life Insurance Company of North America	CoCode: 90611	State of Domicile: Minnesota
5701 Golden Hills Drive	Group Code: 761	Company Type: 02
Minneapolis, MN 55416-1297	Group Name:	State ID Number:
(800) 328-5601 ext. [Phone]	FEIN Number: 41-1366075	

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SERFF Tracking #: ALLB-133605409

State Tracking #: ALLB-133605409

Company Tracking #: LTC RATE INCREASE 2023 - GP2

**State:** Pennsylvania **Filing Company:** Allianz Life Insurance Company of North America  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
**Product Name:** LTC Rate Increase 2023 - GP2  
**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

## Filing Fees

### State Fees

Fee Required? Yes  
Fee Amount: \$125.00  
Retaliatory? Yes  
Fee Explanation: MN is our state of domicile. We are paying the retaliatory fee of \$125.  
Per Company: Yes

Company	Amount	Date Processed	Transaction #
Allianz Life Insurance Company of North America	\$125.00	03/24/2023 12:47 PM	253756933
<b>EFT Total</b>	<b>\$125.00</b>		

State:	Pennsylvania	Filing Company:	Allianz Life Insurance Company of North America
TOI/Sub-TOI:	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
Product Name:	LTC Rate Increase 2023 - GP2		
Project Name/Number:	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Correspondence Summary

### Dispositions

Status	Created By	Created On	Date Submitted
Approved	Sean Carmody	08/02/2023	08/02/2023

### Objection Letters and Response Letters

#### Objection Letters

Status	Created By	Created On	Date Submitted
Disapproved	Sean Carmody	04/12/2023	04/12/2023

#### Response Letters

Responded By	Created On	Date Submitted
Jillian Wallin	07/24/2023	07/31/2023

<b>SERFF Tracking #:</b>	ALLB-133605409	<b>State Tracking #:</b>	ALLB-133605409	<b>Company Tracking #:</b>	LTC RATE INCREASE 2023 - GP2
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<b>State:</b>	Pennsylvania			<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified				
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2				
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2				

## Disposition

Disposition Date: 08/02/2023

Effective Date:

Status: Approved

Comment: Aug 2, 2023

Scott Laska, Principal Actuarial Analyst  
Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416

RE: Proposed 6.5% increase on 494 PA policyholders of 11-P-Q-PA, 11-P-Q-PA(F).  
Pennsylvania Insurance Department ID # ALLB-133605409

Dear Scott Laska:

The Department approves the requested 6.5% increase (i.e., 0% for BPs of 2-4 years, 5% for BPs of 5-8 years, and 25% for lifetime BPs) on the above captioned forms.

Sincerely,

Sean Carmody  
Actuarial Associate  
Bureau of Accident & Health Insurance

<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

Company Name:	Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	Number of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where req'd):	Minimum % Change (where req'd):
Allianz Life Insurance Company of North America	6.500%	6.500%	\$88,896	494	\$1,363,677	25.000%	0.000%

Schedule	Schedule Item	Schedule Item Status	Public Access
Rate	Generation Protector II / Generation Protector Select (GP2)		Yes
Supporting Document	Transmittal Letter (A&H)		Yes
Supporting Document	Actuarial Certification (A&H)		Yes
Supporting Document	Actuarial Memorandum and Explanatory Information (A&H)		Yes
Supporting Document	Advertisements (A&H)		Yes
Supporting Document	Authorization to File (A&H)		Yes
Supporting Document	Insert Page Explanation (A&H)		Yes
Supporting Document	Rate Table (A&H)		Yes
Supporting Document	Replacement Form with Highlighted Changes (A&H)		Yes
Supporting Document	Advertisement Compliance Certification		Yes
Supporting Document	Reserve Calculation (A&H)		Yes
Supporting Document	Variability Explanation (A&H)		Yes
Supporting Document	CONFIDENTIAL Exhibits		Yes
Supporting Document	Policyholder Notification Letter		Yes
Supporting Document	Objection Response Letter to Objection rec'd 4.12.23		Yes



**State:** Pennsylvania  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
**Product Name:** LTC Rate Increase 2023 - GP2  
**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

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## Objection Letter

Objection Letter Status Disapproved  
Objection Letter Date 04/12/2023  
Submitted Date 04/12/2023  
Respond By Date

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Dear Scott Laska,

**Introduction:**

Apr 12, 2023

Scott Laska, Principal Actuarial Analyst  
Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416

RE: Proposed 6.5% increase on 494 PA policyholders of 11-P-Q-PA, 11-P-Q-PA(F).  
Pennsylvania Insurance Department ID # ALLB-133605409

Dear Scott Laska:

The captioned filing has been reviewed by the Pennsylvania Insurance Department. It has been determined that the filing fails to meet the requirements of our Insurance Company Laws or regulations and is therefore disapproved pursuant to the authority granted under Section 304(a) of Act 134, the Accident and Health Filing Reform Act. In the event you have any questions regarding the stated concerns, please feel free to contact the Department for further clarification.

The disapproved filing may be resubmitted within 120 days of the date of disapproval. If the Department does not hear from you within 120 days, the subject filing will be permanently closed. Such filings resubmitted after 120 days must be submitted as a new filing, inclusive of appropriate filing fees and disclosure of the closed filing SERFF tracking number.

Please furnish the following information to the Department.

1. Please provide an Excel spreadsheet that incorporates the three calendar-year column vectors of earned premium requested below:
  - (a) Provide the historical (from inception) and projected nationwide earned premium that will be collected at the original rate level. In terms of the 58%/85% Method, this would be the premium column vector that would be subject to a .58 factor. Please provide this – and all other data in this question - as a non-interest rate discounted column vector.
  - (b) Provide the historical (from the date of the first premium increase) and projected nationwide earned premium that will be collected at a “higher than original” rate level. In terms of the 58%/85% Method, this would be the premium column vector that would be subject to a .85 factor. This vector should not include premium generated from the current requested increase.
  - (c) Provide the projected nationwide calendar-year earned premium (from the effective date of the current proposed increase) that will be collected at a “higher than original” rate level due to the current proposed rate increase. Again, in terms of the 58%/85% Method, this would be subject to a .85 factor. Please ensure that the projected premium provided in this vector is not also included in the vector requested in Item (b) above.
  - (d) Provide a column vector of the historical (from inception) and projected nationwide incurred claims on a calendar year basis.
  - (e) Please ensure that the data provided is consistent with the post-rate stability loss ratio demonstrations in the actuarial memo.
  - (f) Please provide the interest rate (or calendar-year interest rate vector) used to determine the accumulated and present values found in the post-rate stability loss ratio demonstrations in the actuarial memo.

2. The actuarial memo states the following: “Recent experience studies performed show that experience is more unfavorable than

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**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

previously assumed which resulted in assumptions being updated and has led to the Company requesting a rate increase on this product.”

Please discuss further the adverse morbidity and persistency experience that resulted in the need for the current rate increase. In particular, discuss re-pricing assumptions that have changed from the last increase approved nationwide, discuss any changes due to internal experience studies, and discuss any changes due to updated consultant data.

3. Has Covid 19 been factored into your projections?

4. Please provide a seriatim listing of the affected policies in this block in Excel. Each record within the worksheet must contain the policy's unique identification number, form number, issue age, issue date, inflation status indicator, benefit period, current annual premium, and requested premium increase in each year of the proposed implementation period.

The Department has the following premium increase guidelines: (i) the annual increase on any policyholder should be limited to 30%, (ii) the staging period of the increase should be limited to no more than four years, and (iii) the aggregate increase (weighted upon the current premium column vector in the Excel seriatim policy listing) must be under 100%.

5. The past loss ratio is extremely low in relation to the future loss ratio. Could you provide some added perspective as to why the two loss ratio figures differ so greatly?

6. The Filing Description in the General Information tab in SERFF seems to be describing the Generation Protector (GPR, 10-P-Q) form, please revise.

7. In PA, Allianz requested a 0% increase for benefit periods of 2 – 4 years, a 5% increase for benefit periods of 5 – 8 years, and a 25% increase for lifetime benefit periods on the 11-P-Q block. Did Allianz seek the same increase in all states?

8. Exhibit 5 shows the nationwide increase with a 7% increase. Is 7% the weighted average nationwide increase requested?

9. Please provide the annualized premium for the 206 PA policies with benefit periods of 2 – 4 years.

10. Please provide the annualized premium for the 220 PA policies with benefit periods of 5 – 8 years.

11. Please provide the annualized premium for the 68 PA policies with lifetime benefit periods.

12. The Department has recently become concerned that companies are asking for very different increases on subsections of LTC blocks. Allianz is asking for 0% on the 597 PA policies with 2 – 4 Year BPs, 5% on the 484 PA policies with 5 – 8 Year BPs, and 25% on the 286 PA policies with lifetime benefit periods. Please provide justification as to why the requested increases between segments vary so greatly.

Sincerely,

Sean Carmody  
Actuarial Associate  
Bureau of Life, Accident and Health Insurance

**SERFF Tracking #:** ALLB-133605409

**State Tracking #:** ALLB-133605409

**Company Tracking #:** LTC RATE INCREASE 2023 -  
GP2

**State:** Pennsylvania

**Filing Company:** Allianz Life Insurance Company of North America

**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2023 - GP2

**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

**Conclusion:**

Sincerely,  
Sean Carmody

State:	Pennsylvania	Filing Company:	Allianz Life Insurance Company of North America
TOI/Sub-TOI:	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
Product Name:	LTC Rate Increase 2023 - GP2		
Project Name/Number:	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Response Letter

Response Letter Status	Submitted to State
Response Letter Date	07/24/2023
Submitted Date	07/31/2023

Dear Sean Carmody,

**Introduction:**

Please see our response below to your objection letter.

**Response 1**

**Comments:**

Please see our objection response letter and attachment(s). We have also concurrently submitted a post submission update revising our Cover Letter.

**Changed Items:**

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

### Supporting Document Schedule Item Changes

Satisfied - Item:	Objection Response Letter to Objection rec'd 4.12.23
Comments:	
Attachment(s):	Response to Objection Received on April 12 2023 - GP2.pdf Response Attachments - GP2.xlsx

**Conclusion:**

Thank you for your continued review of our filing.

Sincerely,

Rebecca Silbersack

**SERFF Tracking #:** ALLB-133605409

**State Tracking #:** ALLB-133605409

**Company Tracking #:** LTC RATE INCREASE 2023 -  
GP2

**State:** Pennsylvania

**Filing Company:** Allianz Life Insurance Company of North America

**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** LTC Rate Increase 2023 - GP2

**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

## Post Submission Update Request Processed On 08/01/2023

Status: Allowed

Created By: Jillian Wallin

Processed By: Sean Carmody

Comments:

**State:** Pennsylvania  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
**Product Name:** LTC Rate Increase 2023 - GP2  
**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

**Filing Description:****Requested Value:**

Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297

Re: Allianz Life Insurance Company of North America / NAIC #90611 / FEIN #41-1366075  
Individual Long-Term Care Insurance 11-P-Q, et al.

Allianz is submitting for review revised long-term care insurance premium rates for the following form:

Generation Protector II / Generation Protector Select (GP2): 11-P-Q-PA, 11-P-Q-PA(F)

The result of this rate increase on the above policy form, if approved, is similar to a 7% aggregate rate increase in Pennsylvania. The premium rate increase request varies by benefit period as follows:

2 - 4 Year Benefit Period 0% rate increase  
5 - 8 Year Benefit Period 5% rate increase  
Lifetime Benefit Period 25% rate increase

This form was sold from 2006 to 2010 in Pennsylvania, and marketed nationwide from 2006 through 2010. This form is no longer being issued in any state as Allianz stopped issuing all long-term care insurance in 2010.

As noted in the attached actuarial memorandum, there have been past rate increases on this policy form. The Department approved the following rate increases in the past:

- 31.5% on March 30, 2016  
- 18.1% on November 15, 2021

This rate increase is a follow-up to the most recent rate increase approved on November 15, 2021, where the rate increase level approved was less than the nationwide average request from the 2021 filing. This form is in need of an additional premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for. The current premiums are unreasonably low in comparison to the benefits provided. A rate increase on the above policy form is needed to reduce the losses on this business.

In the interest of balancing the needs of policyholders and rate equity across jurisdictions, we are requesting premium rate increases averaging 7%, which is much lower than we could actuarially justify. This level is comprised of the remainder of the 2021 requests for each benefit period that was not approved and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The attached actuarial memorandum contains justification for this premium increase.

To better enable our policyholders to accommodate these revised premium rates, we will be offering the following options (as available):

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**State:** Pennsylvania **Filing Company:** Allianz Life Insurance Company of North America  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
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**Project Name/Number:** LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2

Maintain current benefit amounts by paying the increased premium.

Reduce the percentage rate increase by reducing benefit period

Lessen the impact of the rate increase by cancelling the benefit increase rider. As a part of this rate increase for a limited time, policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages through a Policy Endorsement.

Lessen the impact of the rate increase by reducing benefit amounts and/or benefit riders or lengthening elimination period. A reduction may fully or partially offset the premium increase. Benefit minimum policy requirements apply.

Elect the reduced paid-up option in the Premium Increase Contingent Benefit Upon Lapse Rider which was approved on 9/11/2020 (SERFF Tracking # ALLB132270504).

Subject to Department approval of this filing, we plan to begin implementing this increase in 2023. The increase would be effective on a policy's next anniversary following the implementation date. Policyholders will be notified at least 60 days prior to the effective date of their increase. In the notification, Allianz will lay out the above policyholder options.

If the full requested rate increase is approved and implemented, the Company does not currently intend to request any additional rate increases on this policy form unless experience worsens and the revised rates will be guaranteed not to increase for four years. The Company is also willing to phase-in a larger rate increase over multiple years to lessen the immediate impact on policyholders.

Thank you for your consideration of this filing. If you have any questions or if you need additional information to complete your review, please send an email to [Scott.Laska@AllianzLife.com](mailto:Scott.Laska@AllianzLife.com).

Sincerely,

Scott Laska, ASA, MAAA  
Assistant Actuary  
Allianz Life Insurance of North America

**Prior Value:**

Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297

Re: Allianz Life Insurance Company of North America / NAIC #90611 / FEIN #41-1366075  
Individual Long-Term Care Insurance 10-P-Q, et al.

Allianz is submitting for review revised long-term care insurance premium rates for the following form:

Generation Protector (GPR): 10-P-Q-PA, 10-P-Q-PA(F)

The result of this rate increase on the above policy form, if approved, is similar to a 21% aggregate rate increase in Pennsylvania. The premium rate increase request varies by benefit period as follows:

**State:** Pennsylvania  
**TOI/Sub-TOI:** LTC03I Individual Long Term Care/LTC03I.001 Qualified  
**Product Name:** LTC Rate Increase 2023 - GP2  
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2 - 4 Year Benefit Period 0% rate increase  
5 - 8 Year Benefit Period 25% rate increase  
Lifetime Benefit Period 45% rate increase

This form was sold from 2003 to 2007 in Pennsylvania, and marketed nationwide from 2003 through 2009. This form is no longer being issued in any state as Allianz stopped issuing all long-term care insurance in 2010.

As noted in the attached actuarial memorandum, there have been past rate increases on this policy form. The Department approved the following rate increases in the past:

- 20.0% on February 12, 2013
- 31.5% on March 30, 2016
- 20.0% on November 15, 2021

This rate increase is a follow-up to the most recent rate increase approved on November 15, 2021, where the rate increase level approved was less than the nationwide average request from the 2021 filing. This form is in need of an additional premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for. The current premiums are unreasonably low in comparison to the benefits provided. A rate increase on the above policy form is needed to reduce the losses on this business.

In the interest of balancing the needs of policyholders and rate equity across jurisdictions, we are requesting premium rate increases averaging 21%, which is much lower than we could actuarially justify. This level is comprised of the remainder of the 2021 requests for each benefit period that was not approved and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The attached actuarial memorandum contains justification for this premium increase.

To better enable our policyholders to accommodate these revised premium rates, we will be offering the following options (as available):

Maintain current benefit amounts by paying the increased premium.

Reduce the percentage rate increase by reducing benefit period

Lessen the impact of the rate increase by cancelling the benefit increase rider. As a part of this rate increase for a limited time, policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages through a Policy Endorsement.

Lessen the impact of the rate increase by reducing benefit amounts and/or benefit riders or lengthening elimination period. A reduction may fully or partially offset the premium increase. Benefit minimum policy requirements apply.

Elect the reduced paid-up option in the Premium Increase Contingent Benefit Upon Lapse Rider which was approved on September 11, 2020 (SERFF Tracking # ALLB-132270504). While the requested rate increase will trigger a substantial rate increase for a majority of policies, the company is voluntarily offering this contingent benefit upon lapse to all insureds.

Subject to Department approval of this filing, we plan to begin implementing this increase in 2023. The increase would be effective on a policy's next anniversary following the implementation date. Policyholders will be notified at least 60 days prior to the effective date of their increase. In the notification, Allianz will lay out the above policyholder options.

If the full requested rate increase is approved and implemented, the Company doesn't currently intend to request any additional rate increases on this policy form unless experience worsens and the revised rates will be guaranteed not to increase for four years. The Company is also willing to phase-in a larger rate increase over multiple years to lessen the immediate impact on policyholders.



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<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

To comply with rate stability regulation in this jurisdiction, enclosed with this filing is a plan, subject to the Departments review, which demonstrates that appropriate administration and claims processing procedures are in effect.

Thank you for your consideration of this filing. If you have any questions or if you need additional information to complete your review, please send an email to [Scott.Laska@AllianzLife.com](mailto:Scott.Laska@AllianzLife.com).

Sincerely,

Scott Laska, ASA, MAAA  
Assistant Actuary  
Allianz Life Insurance of North America

<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Rate Information

Rate data applies to filing.

<b>Filing Method:</b>	SERFF
<b>Rate Change Type:</b>	Increase
<b>Overall Percentage of Last Rate Revision:</b>	18.100%
<b>Effective Date of Last Rate Revision:</b>	06/27/2022
<b>Filing Method of Last Filing:</b>	SERFF
<b>SERFF Tracking Number of Last Filing:</b>	ALLB-132821902

## Company Rate Information

Company Name:	Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	Number of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where req'd):	Minimum % Change (where req'd):
Allianz Life Insurance Company of North America	6.500%	6.500%	\$88,896	494	\$1,363,677	25.000%	0.000%

<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Rate/Rule Schedule

Item No.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1		Generation Protector II / Generation Protector Select (GP2)	11-P-Q-PA, 11-P-Q-PA(F)	Revised	Previous State Filing Number: ALLB-132821902 Percent Rate Change Request: 6.5	PA (Generation Protector 2) Current Rates.pdf, PA (Generation Protector 2) Proposed Rates.pdf,

**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Base Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

**Daily Benefit range from \$50 - \$99**

Age	Facility Care Benefit and 70% Home and Community Care Benefit						Facility Care Benefit and 100% Home and Community Care Benefit						Facility Care Benefit and 130% Home and Community Care Benefit					
	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	46	49	54	60	66	77	47	52	56	61	68	80	53	59	61	68	74	89
41	46	49	54	60	66	77	47	52	56	62	70	80	53	59	61	68	76	89
42	46	49	55	61	67	78	47	52	58	62	70	82	53	59	62	70	76	90
43	47	52	56	62	68	80	48	53	59	64	71	83	54	60	63	71	78	91
44	48	53	58	64	70	82	49	54	60	65	72	85	55	61	64	72	79	94
45	49	55	59	65	71	83	51	55	61	66	73	86	56	62	66	73	80	95
46	51	56	60	66	72	85	52	56	62	67	74	89	58	63	68	74	82	96
47	52	59	61	67	73	86	54	58	63	68	76	90	59	66	69	76	84	98
48	53	59	62	68	74	89	54	59	64	70	76	92	60	66	70	77	84	101
49	53	60	63	70	76	91	55	60	64	71	77	94	60	66	70	77	85	102
50	54	60	63	70	76	94	55	61	66	72	78	96	61	67	71	78	86	104
51	55	61	64	71	77	95	56	62	66	72	79	98	62	67	72	78	88	107
52	56	62	66	72	78	97	58	62	67	73	80	100	63	67	74	79	89	109
53	58	63	69	76	82	102	59	64	70	77	84	104	66	70	76	83	92	114
54	60	66	71	79	86	107	61	67	72	80	89	109	67	72	79	86	97	119
55	62	68	74	82	90	113	63	69	76	84	92	114	69	75	83	90	102	125
56	64	70	77	85	95	118	66	71	78	88	96	120	71	77	85	95	106	130
57	67	72	79	89	98	122	67	72	82	91	101	125	74	81	89	98	110	134
58	71	77	86	96	107	132	72	78	89	98	109	136	79	86	97	107	119	146
59	77	83	93	103	115	143	77	84	95	107	118	146	85	92	104	114	128	158
60	82	87	100	110	122	154	83	90	101	114	126	158	91	98	112	122	137	172
61	87	93	106	118	131	163	87	95	108	121	134	169	97	104	118	131	146	184
62	92	99	113	126	139	174	93	100	115	130	143	180	102	109	125	139	155	196
63	101	108	124	139	154	192	102	110	127	143	158	199	112	120	138	155	172	216
64	109	118	135	152	168	210	110	121	137	157	174	217	121	131	150	169	188	236
65	118	128	145	167	182	229	120	130	148	170	191	236	131	141	162	185	204	257
66	128	138	156	180	198	247	129	140	159	185	206	254	140	153	174	200	221	277
67	136	147	167	193	212	265	138	151	170	198	222	274	150	163	186	216	238	298
68	155	167	189	221	242	299	158	171	193	227	253	308	170	186	210	246	272	337
69	174	187	209	248	272	332	176	191	215	256	283	344	192	208	235	277	306	376
70	192	207	231	276	302	366	196	212	238	283	314	379	213	231	259	308	341	414
71	210	227	252	302	332	400	214	232	261	312	344	415	233	253	283	340	376	452
72	229	246	274	330	362	432	233	253	284	341	376	450	254	275	307	371	410	491
73	260	279	312	377	413	491	265	288	322	389	428	511	289	313	347	422	468	557
74	291	313	348	422	464	548	297	321	361	436	481	571	323	350	388	474	526	623
75	322	346	386	469	516	606	329	355	399	484	535	631	359	388	429	527	583	689
76	353	380	424	515	566	664	360	390	438	532	588	692	393	424	469	578	640	754
77	384	413	461	562	618	722	392	424	476	580	641	752	428	462	509	631	697	820
78	432	463	513	613	677	792	442	475	529	632	702	826	482	518	569	689	770	899
79	482	513	565	665	737	862	491	527	582	685	763	899	536	574	628	746	844	979
80	530	564	615	716	796	932	542	577	635	738	824	972	590	630	688	804	917	1,058
81	580	613	667	768	854	1,002	591	629	687	791	886	1,044	644	685	748	863	990	1,138
82	629	664	718	818	914	1,073	642	680	739	844	947	1,117	698	742	806	920	1,063	1,218
83	691	731	794	908	1,014	1,189	706	750	818	936	1,051	1,242	753	818	892	1,020	1,180	1,352
84	762	805	877	1,007	1,124	1,319	779	827	905	1,038	1,165	1,378	829	900	986	1,132	1,309	1,502

**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Base Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

**Daily Benefit range from \$100 - \$500**

Age	Facility Care Benefit and 70% Home and Community Care Benefit						Facility Care Benefit and 100% Home and Community Care Benefit						Facility Care Benefit and 130% Home and Community Care Benefit					
	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	41	46	50	56	68	38	43	47	53	59	72	43	47	52	59	65	79
41	37	41	46	50	56	68	38	43	47	54	60	72	43	47	52	59	66	79
42	37	41	47	52	58	70	38	43	48	54	60	73	43	48	53	60	66	80
43	38	43	48	53	59	72	39	44	49	54	61	74	44	49	54	60	67	82
44	39	44	48	54	60	73	40	45	51	55	61	76	45	51	55	61	68	83
45	40	45	49	55	61	74	41	45	52	56	62	77	46	51	55	62	70	85
46	41	46	51	56	62	76	43	46	52	58	64	79	46	52	56	64	71	86
47	41	47	51	56	64	77	44	47	53	59	65	80	47	53	58	64	72	88
48	43	48	52	58	65	79	44	48	54	59	66	82	48	54	59	65	73	90
49	43	49	53	59	65	82	44	49	54	60	67	84	48	54	60	66	74	92
50	44	49	54	60	66	84	45	51	55	61	67	86	49	55	60	66	74	94
51	45	51	54	61	67	85	45	52	55	61	68	88	49	55	61	67	76	96
52	45	52	55	61	67	88	46	52	56	62	70	90	51	56	62	68	77	98
53	47	53	58	65	71	92	47	54	59	65	73	94	52	58	64	71	80	102
54	48	54	60	67	74	96	49	55	61	68	76	98	54	60	67	73	84	107
55	49	56	62	70	77	101	51	58	63	71	79	102	55	62	69	77	86	112
56	52	58	64	72	80	104	52	59	66	73	82	107	58	64	71	79	90	115
57	53	60	66	74	83	109	54	60	68	77	85	112	59	67	74	83	94	120
58	58	63	71	80	90	118	58	64	74	83	92	120	63	71	79	89	101	130
59	61	68	76	86	96	126	62	69	78	89	98	130	68	76	85	95	108	140
60	66	72	82	92	103	134	66	74	83	95	106	138	72	81	91	102	115	150
61	69	76	86	98	109	143	70	78	89	101	112	148	77	85	97	108	122	160
62	74	81	92	103	116	151	74	83	93	107	119	157	82	90	102	115	130	170
63	81	89	101	114	127	167	81	90	104	118	132	173	89	98	113	127	143	187
64	87	95	110	125	139	182	87	98	113	128	145	190	97	107	123	139	156	205
65	94	104	121	136	151	199	95	106	122	139	157	205	104	115	133	151	169	223
66	101	112	130	146	163	215	102	114	132	150	170	222	112	123	145	163	182	241
67	108	118	139	157	175	230	109	122	141	161	184	238	118	132	155	175	197	259
68	122	135	156	180	199	259	124	138	161	185	209	268	135	150	175	200	224	292
69	137	151	175	202	224	287	139	154	179	208	233	296	151	168	196	226	252	324
70	151	166	192	224	248	314	153	170	199	230	258	326	167	185	215	251	281	355
71	164	182	210	246	272	342	168	186	217	253	283	355	183	202	236	276	308	388
72	178	198	228	269	296	370	183	202	237	277	308	385	199	221	255	301	336	420
73	202	223	260	306	338	419	206	229	269	316	352	437	224	250	290	343	383	476
74	225	250	291	343	380	468	230	255	301	355	395	488	251	278	323	385	431	532
75	248	276	322	382	422	518	254	283	334	394	438	540	277	308	358	428	478	588
76	271	301	353	419	464	568	277	309	365	433	482	592	304	337	391	470	524	644
77	296	328	384	456	506	617	301	337	397	472	526	643	329	367	424	512	572	701
78	331	367	428	499	554	677	337	376	440	516	576	706	368	411	474	562	631	768
79	366	406	470	542	604	737	374	416	485	559	625	768	407	454	523	610	691	836
80	401	445	513	586	652	797	409	455	529	604	676	830	446	497	573	658	751	905
81	437	483	555	629	701	857	446	496	573	648	726	893	485	541	622	706	811	972
82	473	522	598	671	750	917	482	536	616	691	776	955	524	584	672	755	871	1,040
83	520	576	661	745	832	1,016	531	590	682	768	862	1,061	567	644	743	836	966	1,156
84	574	634	731	826	922	1,127	585	651	754	851	955	1,177	623	708	821	928	1,073	1,284

**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Rider Premium Rates and Premium Factors**

Factors applied to base premium rates

Age	5% Compound COLA	4% Compound COLA	3% Compound COLA	5% Simple COLA	5% Compound COLA w/ 2x Cap	10-pay	Paid-up at age 65	SBP	Spousal Survivorship	Benefit Period	Restoration of Benefits			
18-40	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	2 year	1.08			
41	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	3 year	1.05			
42	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	4 year	1.04			
43	3.84	3.04	2.22	2.15	1.92	3.63	1.78	1.20	1.12	5 year	1.04			
44	3.83	3.02	2.22	2.15	1.92	3.53	1.80	1.20	1.12	8 year	1.04			
45	3.81	3.02	2.22	2.16	1.92	3.44	1.83	1.21	1.12	Lifetime	N / A			
46	3.80	3.01	2.22	2.16	1.92	3.34	1.85	1.21	1.12					
47	3.78	3.00	2.22	2.16	1.92	3.25	1.88	1.21	1.12					
48	3.75	2.98	2.22	2.15	1.92	3.18	1.95	1.21	1.12			Spousal Shared Care	Spousal Shared Care	
49	3.73	2.97	2.22	2.15	1.92	3.10	2.03	1.22	1.12			(with no residual)	(with 1 yr residual)	
50	3.71	2.97	2.21	2.14	1.92	3.03	2.10	1.22	1.12	Benefit Period				
51	3.68	2.96	2.21	2.14	1.92	2.95	2.18	1.22	1.12	2 year	1.21			1.12
52	3.65	2.94	2.21	2.12	1.92	2.88	2.25	1.22	1.12	3 year	1.14			1.11
53	3.57	2.89	2.17	2.11	1.92	2.81	2.39	1.23	1.12	4 year	1.09			1.08
54	3.48	2.82	2.14	2.10	1.92	2.74	2.52	1.23	1.12	5 year	1.06			1.05
55	3.38	2.77	2.11	2.09	1.92	2.66	-	1.23	1.12	8 year	1.02			1.02
56	3.29	2.70	2.08	2.08	1.92	2.59	-	1.23	1.11	Lifetime	N / A			N / A
57	3.20	2.65	2.04	2.06	1.92	2.52	-	1.24	1.11					
58	3.16	2.62	2.02	2.05	1.92	2.45	-	1.24	1.11	Restoration of Benefits and Shared Care are not available with Lifetime benefit period option.				
59	3.12	2.58	1.99	2.04	1.91	2.37	-	1.24	1.11					
60	3.09	2.55	1.97	2.04	1.91	2.30	-	1.24	1.11					
61	3.04	2.51	1.94	2.03	1.90	2.22	-	1.25	1.11	HCC Monthly Benefit				1.06
62	3.00	2.48	1.92	2.02	1.90	2.15	-	1.25	1.11	Spousal Waiver of Premium				1.03
63	2.94	2.44	1.90	1.99	1.88	2.08	-	1.25	1.11	HCC Calendar Day EP				1.02
64	2.88	2.40	1.87	1.97	1.87	2.02	-	1.25	1.11	Waiver of HCC EP				1.12
65	2.81	2.35	1.85	1.96	1.87	1.95	-	1.26	1.11					
66	2.75	2.31	1.82	1.93	1.86	1.89	-	1.26	1.10	Monthly Indemnity Benefit				
67	2.70	2.27	1.80	1.91	1.85	1.82	-	1.26	1.10	10%				1.04
68	2.64	2.23	1.78	1.88	1.84	1.76	-	1.26	1.10	25%				1.10
69	2.58	2.19	1.75	1.86	1.82	1.71	-	1.27	1.10	50%				1.23
70	2.52	2.15	1.73	1.85	1.81	1.65	-	1.27	1.09	100% (age < 60)				2.57
71	2.46	2.11	1.70	1.82	1.80	1.60	-	1.27	1.08	100% (age 60+)				2.23
72	2.41	2.07	1.68	1.80	1.79	1.54	-	1.27	1.07					
73	2.36	2.04	1.67	1.78	1.78	1.48	-	1.28	1.06	Elimination Period Factors				
74	2.32	2.01	1.64	1.76	1.76	1.42	-	1.28	1.05	7 Day				1.30
75	2.28	1.97	1.63	1.74	1.74	1.37	-	1.28	1.04	30 Day				1.18
76	2.23	1.94	1.61	1.73	1.73	1.31	-	1.28	1.03	60 Day				1.08
77	2.19	1.92	1.60	1.70	1.72	1.25	-	1.29	1.02	90 Day				1.00
78	2.16	1.89	1.58	1.69	1.70	1.22	-	1.29	1.02	180 Day				0.90
79	2.12	1.86	1.56	1.68	1.69	1.19	-	1.29	1.02	365 Day				0.80
80	2.09	1.85	1.55	1.66	1.68	1.16	-	1.29	1.02					
81	2.04	1.82	1.52	1.64	1.67	1.13	-	1.30	1.02	Risk Class Factors				
82	2.01	1.80	1.51	1.63	1.66	1.10	-	1.30	1.02	Preferred Plus				0.85
83	1.99	1.77	1.50	1.62	1.63	1.09	-	1.30	1.02	Preferred				1.00
84	1.96	1.76	1.49	1.61	1.61	1.08	-	1.30	1.02	Standard				1.20
										Select I				1.50
										Select II				1.80
										Select III				2.30
										Select IV				3.00
										Modal Premium Factors				
										Annual				1.000
										Semi-annual				0.520
										Quarterly				0.265
										Monthly				0.087
										Monthly List Bill				0.090
										Discount Factors				
										Married				0.90
										Spousal				0.70

**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**  
**Daily Benefit Premium Rates**  
**Preferred Rate Class, 90 Day Elimination Period**  
**Rates are per \$10 Facility Care Daily Benefit**

Age	Facility Care Benefit and 70% Home and Community Care Benefit						Facility Care Benefit and 100% Home and Community Care Benefit						Facility Care Benefit and 130% Home and Community Care Benefit					
	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	51	56	62	68	77	94	52	58	64	73	80	98	58	64	70	80	88	108
41	51	56	62	68	77	94	52	58	64	73	82	98	58	64	70	80	90	108
42	51	56	64	71	79	95	53	59	66	73	82	100	59	66	71	80	89	109
43	51	58	64	71	79	96	53	59	66	73	82	100	59	66	72	80	90	109
44	52	58	64	71	79	96	53	59	66	73	82	100	59	67	72	80	90	109
45	52	59	64	71	79	96	54	59	66	73	82	101	59	67	72	80	90	110
46	52	59	64	72	79	97	54	59	66	73	82	101	60	67	72	80	90	110
47	53	60	64	72	80	97	54	60	66	73	82	101	60	67	72	80	91	110
48	54	61	66	73	80	100	55	61	67	74	83	103	61	68	74	82	92	113
49	55	62	67	74	82	103	56	62	68	76	84	106	61	68	75	83	94	115
50	56	63	68	76	83	106	58	63	69	77	85	108	62	69	76	84	95	119
51	58	63	70	77	84	108	59	64	70	78	86	110	63	70	77	84	96	121
52	58	64	71	78	85	110	59	66	70	79	88	113	64	70	78	85	97	124
53	59	66	72	79	88	114	60	67	72	80	90	116	64	71	79	88	100	127
54	60	67	74	82	90	116	61	68	74	83	92	120	66	72	81	90	102	130
55	60	68	75	83	92	120	61	68	76	85	95	122	67	75	83	91	103	133
56	61	68	76	85	95	124	62	69	77	86	97	126	68	76	84	94	106	136
57	62	69	77	86	97	126	63	70	79	89	98	128	68	77	86	96	108	139
58	66	72	81	91	102	133	66	74	83	94	104	137	71	81	90	101	114	148
59	68	76	85	96	107	140	69	77	87	98	109	144	76	84	94	106	120	156
60	71	79	90	101	113	146	72	81	91	103	115	151	79	87	99	112	126	163
61	75	82	93	106	118	154	76	84	95	108	120	158	83	91	104	116	131	172
62	78	85	98	110	122	160	78	87	99	113	126	167	86	94	107	121	137	180
63	85	93	107	121	136	176	86	95	109	125	139	182	94	104	118	134	151	198
64	92	101	117	132	148	193	93	104	118	136	151	199	101	113	130	146	164	217
65	99	109	127	143	160	210	100	112	129	146	164	216	109	121	140	160	179	235
66	107	117	137	155	172	226	108	120	139	158	176	233	117	130	152	172	192	253
67	114	125	146	166	184	242	115	128	148	169	190	250	125	139	162	184	206	272
68	129	141	164	188	210	271	130	145	168	193	216	281	141	158	184	210	235	306
69	144	158	184	212	235	301	146	161	187	218	242	311	159	176	205	236	265	340
70	159	175	202	235	260	330	161	178	207	242	270	342	175	194	227	263	294	373
71	174	191	221	258	287	359	176	196	227	266	296	373	192	213	247	289	324	407
72	189	207	239	282	312	388	192	213	246	290	323	404	208	231	268	316	353	440
73	213	235	271	322	355	440	217	240	278	331	368	458	236	262	304	360	402	500
74	237	262	302	361	400	492	243	269	312	372	414	512	263	293	339	406	452	559
75	262	290	334	401	444	544	268	297	344	413	461	566	291	323	375	450	502	618
76	286	317	365	440	487	596	292	325	377	455	506	620	319	354	411	494	551	677
77	312	344	397	479	532	648	317	353	409	496	552	676	346	385	446	539	600	736
78	348	385	443	524	587	710	355	396	457	541	610	740	386	431	498	589	664	808
79	385	426	489	570	643	774	393	437	505	588	666	806	428	476	550	640	726	878
80	422	467	536	614	698	836	431	478	552	634	724	872	469	522	601	690	788	950
81	459	508	582	660	755	900	468	521	599	680	781	937	509	568	653	742	852	1,021
82	496	549	628	704	810	962	506	562	647	726	839	1,003	551	613	706	792	914	1,093
83	546	605	695	782	899	1,068	558	620	715	806	931	1,114	595	676	781	878	1,015	1,214
84	603	666	768	866	996	1,183	614	683	791	893	1,033	1,237	654	744	863	974	1,127	1,348

**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**  
**Benefit Period Premium Rates**  
**Preferred Rate Class, 90 Day Elimination Period**  
**Rates are per \$10 Facility Care Daily Benefit**

From: To: Age	Facility Care Benefit and 70% Home and Community Care Benefit				Facility Care Benefit and 100% Home and Community Care Benefit				Facility Care Benefit and 130% Home and Community Care Benefit			
	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year
18-40	20	21	22	26	20	22	24	26	22	23	26	30
41	20	21	22	26	20	22	24	28	22	23	26	30
42	20	21	22	26	20	22	23	28	22	23	26	30
43	18	21	22	26	20	22	22	26	22	23	25	29
44	18	21	20	25	18	21	22	25	22	22	24	29
45	18	20	19	24	17	21	20	25	21	21	23	28
46	18	18	19	24	17	20	20	24	20	21	22	28
47	18	17	18	23	17	18	19	23	20	20	20	28
48	18	17	18	23	17	18	19	24	20	21	20	28
49	18	18	19	23	17	18	19	24	20	21	20	28
50	18	18	19	23	17	18	20	24	20	21	20	28
51	18	20	19	23	17	18	20	25	20	22	20	28
52	18	20	19	23	17	18	20	25	20	22	20	28
53	18	20	19	23	17	18	19	25	20	22	20	28
54	17	18	18	23	17	18	19	24	20	21	20	28
55	17	18	18	23	17	18	19	24	18	21	19	28
56	16	17	18	23	16	18	18	23	18	20	19	26
57	16	17	17	23	16	18	18	23	18	20	18	25
58	15	17	17	22	15	18	17	22	17	20	18	25
59	14	17	16	20	15	18	17	22	16	20	18	24
60	14	17	16	20	14	17	17	20	15	18	17	24
61	13	17	14	19	14	17	16	20	15	18	17	23
62	13	17	16	19	14	17	16	20	14	18	17	23
63	13	18	16	20	14	18	17	20	15	21	17	24
64	14	21	17	22	15	21	18	23	16	23	18	25
65	15	23	18	24	16	23	19	24	17	25	19	28
66	16	25	19	25	17	25	20	26	18	28	22	29
67	17	28	20	26	18	28	22	28	20	31	23	31
68	20	30	25	30	21	31	26	31	22	35	28	35
69	21	33	30	34	23	35	31	36	25	38	34	40
70	23	37	35	37	25	37	36	40	28	41	38	43
71	25	39	40	40	28	40	41	43	30	45	44	48
72	28	43	44	43	30	44	46	47	33	48	49	52
73	32	47	52	49	33	49	54	53	38	54	59	59
74	36	53	60	56	38	55	62	60	43	61	67	66
75	40	58	68	62	43	61	71	67	47	67	77	73
76	44	63	77	68	46	67	79	73	52	74	86	80
77	48	69	85	74	51	72	89	80	56	79	95	88
78	54	76	84	88	56	81	88	94	62	87	95	102
79	59	84	83	101	62	89	86	107	69	97	94	116
80	64	91	83	114	68	97	85	120	76	105	92	131
81	70	99	82	126	75	104	84	134	82	113	91	145
82	76	106	80	139	81	112	83	148	89	122	91	161
83	85	118	91	155	89	125	95	164	109	137	102	179
84	92	133	103	172	98	141	107	182	121	154	116	199



**Generation Protector 2 / Generation Protector Select (Current)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**  
**Elimination Period Factors**  
**Preferred Rate Class**

From: To: Age	30 days 7 days	60 days 30 days	90 days 60 days	180 days 90 days	365 days 180 days
18-40	1.50	1.49	1.47	1.51	1.53
41	1.50	1.49	1.47	1.51	1.53
42	1.50	1.49	1.47	1.51	1.53
43	1.48	1.46	1.45	1.49	1.51
44	1.45	1.44	1.43	1.47	1.49
45	1.43	1.42	1.40	1.44	1.46
46	1.41	1.40	1.38	1.42	1.44
47	1.39	1.38	1.36	1.40	1.42
48	1.39	1.38	1.36	1.40	1.42
49	1.39	1.38	1.36	1.40	1.42
50	1.39	1.38	1.36	1.40	1.42
51	1.39	1.38	1.36	1.40	1.42
52	1.39	1.38	1.36	1.40	1.42
53	1.37	1.35	1.34	1.38	1.40
54	1.34	1.33	1.32	1.36	1.37
55	1.32	1.31	1.30	1.33	1.35
56	1.30	1.29	1.27	1.31	1.33
57	1.28	1.27	1.25	1.29	1.31
58	1.26	1.25	1.23	1.27	1.28
59	1.23	1.22	1.21	1.24	1.26
60	1.21	1.20	1.19	1.22	1.24
61	1.19	1.18	1.17	1.20	1.22
62	1.17	1.16	1.14	1.18	1.19
63	1.17	1.16	1.14	1.18	1.19
64	1.16	1.15	1.14	1.17	1.19
65	1.16	1.15	1.14	1.17	1.19
66	1.16	1.15	1.14	1.17	1.18
67	1.16	1.15	1.13	1.17	1.18
68	1.16	1.15	1.13	1.17	1.18
69	1.16	1.15	1.13	1.17	1.18
70	1.16	1.15	1.13	1.17	1.18
71	1.16	1.15	1.13	1.17	1.18
72	1.16	1.15	1.13	1.17	1.18
73	1.16	1.15	1.13	1.17	1.18
74	1.16	1.15	1.13	1.17	1.18
75	1.16	1.15	1.13	1.17	1.18
76	1.16	1.15	1.13	1.17	1.18
77	1.16	1.15	1.13	1.17	1.18
78	1.16	1.15	1.13	1.17	1.18
79	1.16	1.15	1.13	1.17	1.18
80	1.16	1.15	1.13	1.17	1.18
81	1.16	1.15	1.13	1.17	1.18
82	1.16	1.15	1.13	1.17	1.18
83	1.16	1.15	1.13	1.17	1.18
84	1.16	1.15	1.13	1.17	1.18

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Base Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

**Daily Benefit range from \$50 - \$99**

Facility Care Benefit and 70% Home and Community Care Benefit							Facility Care Benefit and 100% Home and Community Care Benefit							Facility Care Benefit and 130% Home and Community Care Benefit						
Age	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime		
18-40	46	49	54	63	69	96	47	52	56	64	72	101	53	59	61	72	78	111		
41	46	49	54	63	69	96	47	52	56	66	73	101	53	59	61	72	79	111		
42	46	49	55	64	71	98	47	52	58	66	73	102	53	59	62	73	79	113		
43	47	52	56	66	72	101	48	53	59	67	74	104	54	60	63	74	82	114		
44	48	53	58	67	73	102	49	54	60	68	76	107	55	61	64	76	83	117		
45	49	55	59	68	74	104	51	55	61	69	77	108	56	62	66	77	84	119		
46	51	56	60	69	76	107	52	56	62	71	78	111	58	63	68	78	86	120		
47	52	59	61	71	77	108	54	58	63	72	79	113	59	66	69	79	88	123		
48	53	59	62	72	78	111	54	59	64	73	79	116	60	66	70	81	88	126		
49	53	60	63	73	79	114	55	60	64	74	81	117	60	66	70	81	89	128		
50	54	60	63	73	79	117	55	61	66	76	82	120	61	67	71	82	91	131		
51	55	61	64	74	81	119	56	62	66	76	83	123	62	67	72	82	92	134		
52	56	62	66	76	82	122	58	62	67	77	84	125	63	67	74	83	93	137		
53	58	63	69	79	86	128	59	64	70	81	88	131	66	70	76	87	97	143		
54	60	66	71	83	91	134	61	67	72	84	93	137	67	72	79	91	102	149		
55	62	68	74	86	95	141	63	69	76	88	97	143	69	75	83	95	107	156		
56	64	70	77	89	100	147	66	71	78	92	101	150	71	77	85	100	111	162		
57	67	72	79	93	103	153	67	72	82	96	106	156	74	81	89	103	116	168		
58	71	77	86	101	112	165	72	78	89	103	115	170	79	86	97	112	125	183		
59	77	83	93	108	121	179	77	84	95	112	123	183	85	92	104	120	135	198		
60	82	87	100	116	129	192	83	90	101	120	132	198	91	98	112	129	144	215		
61	87	93	106	123	137	204	87	95	108	127	141	212	97	104	118	137	154	230		
62	92	99	113	132	146	218	93	100	115	136	150	225	102	109	125	146	163	245		
63	101	108	124	146	161	240	102	110	127	150	166	249	112	120	138	163	180	270		
64	109	118	135	160	176	263	110	121	137	165	183	272	121	131	150	178	198	296		
65	118	128	145	175	192	287	120	130	148	179	200	296	131	141	162	194	214	321		
66	128	138	156	189	208	309	129	140	159	194	217	318	140	153	174	210	232	347		
67	136	147	167	203	223	332	138	151	170	208	233	342	150	163	186	227	249	372		
68	155	167	189	232	255	374	158	171	193	238	266	386	170	186	210	258	286	422		
69	174	187	209	261	286	416	176	191	215	268	297	431	192	208	235	291	321	470		
70	192	207	231	290	318	458	196	212	238	297	330	474	213	231	259	324	358	518		
71	210	227	252	318	349	500	214	232	261	328	362	519	233	253	283	357	394	566		
72	229	246	274	347	381	540	233	253	284	358	394	563	254	275	307	389	431	614		
73	260	279	312	396	433	614	265	288	322	408	450	639	289	313	347	444	491	696		
74	291	313	348	444	488	686	297	321	361	457	505	714	323	350	388	498	552	779		
75	322	346	386	493	542	758	329	355	399	508	562	789	359	388	429	553	612	861		
76	353	380	424	541	595	830	360	390	438	558	617	866	393	424	469	607	672	942		
77	384	413	461	590	649	903	392	424	476	609	673	941	428	462	509	663	732	1,025		
78	432	463	513	644	711	990	442	475	529	664	737	1,032	482	518	569	723	809	1,124		
79	482	513	565	698	774	1,077	491	527	582	719	801	1,124	536	574	628	784	886	1,224		
80	530	564	615	752	835	1,166	542	577	635	775	866	1,215	590	630	688	844	963	1,323		
81	580	613	667	806	897	1,253	591	629	687	830	930	1,305	644	685	748	906	1,040	1,422		
82	629	664	718	859	960	1,341	642	680	739	886	994	1,397	698	742	806	966	1,116	1,523		
83	691	731	794	954	1,065	1,487	706	750	818	983	1,104	1,553	753	818	892	1,071	1,239	1,691		
84	762	805	877	1,057	1,181	1,649	779	827	905	1,090	1,223	1,722	829	900	986	1,188	1,375	1,878		

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Base Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

**Daily Benefit range from \$100 - \$500**

Age	Facility Care Benefit and 70% Home and Community Care Benefit						Facility Care Benefit and 100% Home and Community Care Benefit						Facility Care Benefit and 130% Home and Community Care Benefit					
	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	37	41	46	53	59	86	38	43	47	55	62	90	43	47	52	62	68	99
41	37	41	46	53	59	86	38	43	47	57	63	90	43	47	52	62	69	99
42	37	41	47	54	60	87	38	43	48	57	63	92	43	48	53	63	69	101
43	38	43	48	55	62	90	39	44	49	57	64	93	44	49	54	63	71	102
44	39	44	48	57	63	92	40	45	51	58	64	95	45	51	55	64	72	104
45	40	45	49	58	64	93	41	45	52	59	66	96	46	51	55	66	73	107
46	41	46	51	59	66	95	43	46	52	60	67	99	46	52	56	67	74	108
47	41	47	51	59	67	96	44	47	53	62	68	101	47	53	58	67	76	110
48	43	48	52	60	68	99	44	48	54	62	69	102	48	54	59	68	77	113
49	43	49	53	62	68	102	44	49	54	63	71	105	48	54	60	69	78	116
50	44	49	54	63	69	105	45	51	55	64	71	108	49	55	60	69	78	117
51	45	51	54	64	71	107	45	52	55	64	72	110	49	55	61	71	79	120
52	45	52	55	64	71	110	46	52	56	66	73	113	51	56	62	72	81	123
53	47	53	58	68	74	116	47	54	59	68	77	117	52	58	64	74	84	128
54	48	54	60	71	78	120	49	55	61	72	79	123	54	60	67	77	88	134
55	49	56	62	73	81	126	51	58	63	74	83	128	55	62	69	81	91	140
56	52	58	64	76	84	131	52	59	66	77	86	134	58	64	71	83	95	144
57	53	60	66	78	87	137	54	60	68	81	89	140	59	67	74	87	98	150
58	58	63	71	84	95	147	58	64	74	87	97	150	63	71	79	93	106	162
59	61	68	76	91	101	158	62	69	78	93	103	162	68	76	85	100	113	176
60	66	72	82	97	108	168	66	74	83	100	111	173	72	81	91	107	121	188
61	69	76	86	103	115	179	70	78	89	106	117	185	77	85	97	113	129	200
62	74	81	92	108	122	189	74	83	93	112	125	197	82	90	102	121	136	213
63	81	89	101	120	134	209	81	90	104	123	139	216	89	98	113	134	150	234
64	87	95	110	131	146	228	87	98	113	135	152	237	97	107	123	146	164	257
65	94	104	121	142	159	249	95	106	122	146	165	257	104	115	133	159	178	279
66	101	112	130	154	171	269	102	114	132	158	179	278	112	123	145	171	192	302
67	108	118	139	165	184	288	109	122	141	169	193	297	118	132	155	184	207	324
68	122	135	156	189	209	324	124	138	161	194	219	335	135	150	175	210	236	365
69	137	151	175	212	236	359	139	154	179	218	244	371	151	168	196	237	265	405
70	151	166	192	236	261	393	153	170	199	242	271	408	167	185	215	263	295	444
71	164	182	210	258	286	428	168	186	217	266	297	444	183	202	236	290	324	485
72	178	198	228	282	311	462	183	202	237	291	324	482	199	221	255	316	353	525
73	202	223	260	321	355	524	206	229	269	331	369	546	224	250	290	360	402	596
74	225	250	291	360	399	585	230	255	301	373	415	611	251	278	323	404	452	665
75	248	276	322	401	444	648	254	283	334	413	460	675	277	308	358	450	501	735
76	271	301	353	440	488	710	277	309	365	455	507	740	304	337	391	494	551	806
77	296	328	384	479	532	771	301	337	397	495	552	804	329	367	424	538	601	876
78	331	367	428	524	582	846	337	376	440	542	605	882	368	411	474	590	663	960
79	366	406	470	570	634	921	374	416	485	587	656	960	407	454	523	640	726	1,046
80	401	445	513	615	684	996	409	455	529	634	709	1,038	446	497	573	690	789	1,131
81	437	483	555	660	736	1,071	446	496	573	680	762	1,116	485	541	622	741	852	1,215
82	473	522	598	704	788	1,146	482	536	616	726	815	1,194	524	584	672	793	915	1,301
83	520	576	661	782	873	1,271	531	590	682	806	905	1,326	567	644	743	878	1,014	1,445
84	574	634	731	867	968	1,409	585	651	754	893	1,003	1,472	623	708	821	974	1,126	1,605

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Rider Premium Rates and Premium Factors**

Factors applied to base premium rates

Age	5% Compound COLA	4% Compound COLA	3% Compound COLA	5% Simple COLA	5% Compound COLA w/ 2x Cap	10-pay	Paid-up at age 65	SBP	Spousal Survivorship	Benefit Period	Restoration of Benefits			
18-40	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	2 year	1.08			
41	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	3 year	1.05			
42	3.86	3.05	2.22	2.15	1.92	3.72	1.75	1.20	1.12	4 year	1.04			
43	3.84	3.04	2.22	2.15	1.92	3.63	1.78	1.20	1.12	5 year	1.04			
44	3.83	3.02	2.22	2.15	1.92	3.53	1.80	1.20	1.12	8 year	1.04			
45	3.81	3.02	2.22	2.16	1.92	3.44	1.83	1.21	1.12	Lifetime	N / A			
46	3.80	3.01	2.22	2.16	1.92	3.34	1.85	1.21	1.12					
47	3.78	3.00	2.22	2.16	1.92	3.25	1.88	1.21	1.12					
48	3.75	2.98	2.22	2.15	1.92	3.18	1.95	1.21	1.12			Spousal Shared Care	Spousal Shared Care	
49	3.73	2.97	2.22	2.15	1.92	3.10	2.03	1.22	1.12			(with no residual)	(with 1 yr residual)	
50	3.71	2.97	2.21	2.14	1.92	3.03	2.10	1.22	1.12	Benefit Period				
51	3.68	2.96	2.21	2.14	1.92	2.95	2.18	1.22	1.12	2 year	1.21			1.12
52	3.65	2.94	2.21	2.12	1.92	2.88	2.25	1.22	1.12	3 year	1.14			1.11
53	3.57	2.89	2.17	2.11	1.92	2.81	2.39	1.23	1.12	4 year	1.09			1.08
54	3.48	2.82	2.14	2.10	1.92	2.74	2.52	1.23	1.12	5 year	1.06			1.05
55	3.38	2.77	2.11	2.09	1.92	2.66	-	1.23	1.12	8 year	1.02			1.02
56	3.29	2.70	2.08	2.08	1.92	2.59	-	1.23	1.11	Lifetime	N / A			N / A
57	3.20	2.65	2.04	2.06	1.92	2.52	-	1.24	1.11					
58	3.16	2.62	2.02	2.05	1.92	2.45	-	1.24	1.11	Restoration of Benefits and Shared Care are not available with Lifetime benefit period option.				
59	3.12	2.58	1.99	2.04	1.91	2.37	-	1.24	1.11					
60	3.09	2.55	1.97	2.04	1.91	2.30	-	1.24	1.11					
61	3.04	2.51	1.94	2.03	1.90	2.22	-	1.25	1.11	HCC Monthly Benefit				1.06
62	3.00	2.48	1.92	2.02	1.90	2.15	-	1.25	1.11	Spousal Waiver of Premium				1.03
63	2.94	2.44	1.90	1.99	1.88	2.08	-	1.25	1.11	HCC Calendar Day EP				1.02
64	2.88	2.40	1.87	1.97	1.87	2.02	-	1.25	1.11	Waiver of HCC EP				1.12
65	2.81	2.35	1.85	1.96	1.87	1.95	-	1.26	1.11					
66	2.75	2.31	1.82	1.93	1.86	1.89	-	1.26	1.10	Monthly Indemnity Benefit				
67	2.70	2.27	1.80	1.91	1.85	1.82	-	1.26	1.10	10%				1.04
68	2.64	2.23	1.78	1.88	1.84	1.76	-	1.26	1.10	25%				1.10
69	2.58	2.19	1.75	1.86	1.82	1.71	-	1.27	1.10	50%				1.23
70	2.52	2.15	1.73	1.85	1.81	1.65	-	1.27	1.09	100% (age < 60)				2.57
71	2.46	2.11	1.70	1.82	1.80	1.60	-	1.27	1.08	100% (age 60+)				2.23
72	2.41	2.07	1.68	1.80	1.79	1.54	-	1.27	1.07					
73	2.36	2.04	1.67	1.78	1.78	1.48	-	1.28	1.06	Elimination Period Factors				
74	2.32	2.01	1.64	1.76	1.76	1.42	-	1.28	1.05	7 Day				1.30
75	2.28	1.97	1.63	1.74	1.74	1.37	-	1.28	1.04	30 Day				1.18
76	2.23	1.94	1.61	1.73	1.73	1.31	-	1.28	1.03	60 Day				1.08
77	2.19	1.92	1.60	1.70	1.72	1.25	-	1.29	1.02	90 Day				1.00
78	2.16	1.89	1.58	1.69	1.70	1.22	-	1.29	1.02	180 Day				0.90
79	2.12	1.86	1.56	1.68	1.69	1.19	-	1.29	1.02	365 Day				0.80
80	2.09	1.85	1.55	1.66	1.68	1.16	-	1.29	1.02					
81	2.04	1.82	1.52	1.64	1.67	1.13	-	1.30	1.02	Risk Class Factors				
82	2.01	1.80	1.51	1.63	1.66	1.10	-	1.30	1.02	Preferred Plus				0.85
83	1.99	1.77	1.50	1.62	1.63	1.09	-	1.30	1.02	Preferred				1.00
84	1.96	1.76	1.49	1.61	1.61	1.08	-	1.30	1.02	Standard				1.20
										Select I				1.50
										Select II				1.80
										Select III				2.30
										Select IV				3.00
										Modal Premium Factors				
										Annual				1.000
										Semi-annual				0.520
										Quarterly				0.265
										Monthly				0.087
										Monthly List Bill				0.090
										Discount Factors				
										Married				0.90
										Spousal				0.70

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**

**Daily Benefit Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

Age	Facility Care Benefit and 70% Home and Community Care Benefit						Facility Care Benefit and 100% Home and Community Care Benefit						Facility Care Benefit and 130% Home and Community Care Benefit					
	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime	2 year	3 year	4 year	5 year	8 year	Lifetime
18-40	51	56	62	72	81	117	52	58	64	77	84	123	58	64	70	84	92	135
41	51	56	62	72	81	117	52	58	64	77	86	123	58	64	70	84	95	135
42	51	56	64	74	83	119	53	59	66	77	86	125	59	66	71	84	93	137
43	51	58	64	74	83	120	53	59	66	77	86	125	59	66	72	84	95	137
44	52	58	64	74	83	120	53	59	66	77	86	125	59	67	72	84	95	137
45	52	59	64	74	83	120	54	59	66	77	86	126	59	67	72	84	95	138
46	52	59	64	76	83	122	54	59	66	77	86	126	60	67	72	84	95	138
47	53	60	64	76	84	122	54	60	66	77	86	126	60	67	72	84	96	138
48	54	61	66	77	84	125	55	61	67	78	87	129	61	68	74	86	97	141
49	55	62	67	78	86	129	56	62	68	79	88	132	61	68	75	87	98	144
50	56	63	68	79	87	132	58	63	69	81	89	135	62	69	76	88	100	149
51	58	63	70	81	88	135	59	64	70	82	91	138	63	70	77	88	101	152
52	58	64	71	82	89	138	59	66	70	83	92	141	64	70	78	89	102	155
53	59	66	72	83	92	143	60	67	72	84	95	146	64	71	79	92	105	159
54	60	67	74	86	95	146	61	68	74	87	97	150	66	72	81	95	107	162
55	60	68	75	87	97	150	61	68	76	89	100	153	67	75	83	96	108	167
56	61	68	76	89	100	155	62	69	77	91	102	158	68	76	84	98	111	170
57	62	69	77	91	102	158	63	70	79	93	103	161	68	77	86	101	113	174
58	66	72	81	96	107	167	66	74	83	98	110	171	71	81	90	106	120	185
59	68	76	85	101	112	176	69	77	87	103	115	180	76	84	94	111	126	195
60	71	79	90	106	118	183	72	81	91	108	121	189	79	87	99	117	132	204
61	75	82	93	111	123	192	76	84	95	113	126	198	83	91	104	122	137	215
62	78	85	98	116	129	200	78	87	99	118	132	209	86	94	107	127	144	225
63	85	93	107	127	142	221	86	95	109	131	146	228	94	104	118	141	159	248
64	92	101	117	139	155	242	93	104	118	142	159	249	101	113	130	154	173	272
65	99	109	127	150	168	263	100	112	129	154	173	270	109	121	140	168	188	294
66	107	117	137	163	180	282	108	120	139	166	185	291	117	130	152	180	202	317
67	114	125	146	174	193	303	115	128	148	178	199	312	125	139	162	193	217	341
68	129	141	164	198	221	339	130	145	168	203	227	351	141	158	184	221	247	383
69	144	158	184	223	247	377	146	161	187	229	255	389	159	176	205	248	278	425
70	159	175	202	247	273	413	161	178	207	255	284	428	175	194	227	276	309	467
71	174	191	221	271	301	449	176	196	227	280	311	467	192	213	247	304	340	509
72	189	207	239	296	328	485	192	213	246	305	339	506	208	231	268	331	370	551
73	213	235	271	338	373	551	217	240	278	348	387	573	236	262	304	378	422	626
74	237	262	302	379	420	615	243	269	312	391	435	641	263	293	339	426	475	699
75	262	290	334	421	466	680	268	297	344	433	484	708	291	323	375	473	527	773
76	286	317	365	462	512	746	292	325	377	478	532	776	319	354	411	519	578	846
77	312	344	397	503	558	810	317	353	409	520	580	845	346	385	446	566	630	920
78	348	385	443	551	616	888	355	396	457	568	640	926	386	431	498	619	697	1,010
79	385	426	489	599	675	968	393	437	505	617	699	1,008	428	476	550	672	762	1,098
80	422	467	536	645	733	1,046	431	478	552	665	760	1,091	469	522	601	725	828	1,188
81	459	508	582	693	793	1,125	468	521	599	714	820	1,172	509	568	653	779	895	1,277
82	496	549	628	740	851	1,203	506	562	647	762	881	1,254	551	613	706	832	960	1,367
83	546	605	695	822	944	1,335	558	620	715	847	978	1,392	595	676	781	922	1,066	1,518
84	603	666	768	910	1,046	1,479	614	683	791	937	1,085	1,547	654	744	863	1,023	1,183	1,685

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**

**Benefit Period Premium Rates**

**Preferred Rate Class, 90 Day Elimination Period**

**Rates are per \$10 Facility Care Daily Benefit**

From: To: Age	Facility Care Benefit and 70% Home and Community Care Benefit				Facility Care Benefit and 100% Home and Community Care Benefit				Facility Care Benefit and 130% Home and Community Care Benefit			
	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year	2 year 3 year	3 year 4 year	4 year 5 year	5 year 8 year
18-40	20	21	23	28	20	22	25	28	22	23	28	32
41	20	21	23	28	20	22	25	29	22	23	28	32
42	20	21	23	28	20	22	24	29	22	23	28	32
43	18	21	23	28	20	22	23	28	22	23	26	30
44	18	21	21	26	18	21	23	26	22	22	25	30
45	18	20	20	25	17	21	21	26	21	21	24	29
46	18	18	20	25	17	20	21	25	20	21	23	29
47	18	17	19	24	17	18	20	24	20	20	21	29
48	18	17	19	24	17	18	20	25	20	21	21	29
49	18	18	20	24	17	18	20	25	20	21	21	29
50	18	18	20	24	17	18	21	25	20	21	21	29
51	18	20	20	24	17	18	21	26	20	22	21	29
52	18	20	20	24	17	18	21	26	20	22	21	29
53	18	20	20	24	17	18	20	26	20	22	21	29
54	17	18	19	24	17	18	20	25	20	21	21	29
55	17	18	19	24	17	18	20	25	18	21	20	29
56	16	17	19	24	16	18	19	24	18	20	20	28
57	16	17	18	24	16	18	19	24	18	20	19	26
58	15	17	18	23	15	18	18	23	17	20	19	26
59	14	17	16	21	15	18	18	23	16	20	19	25
60	14	17	16	21	14	17	18	21	15	18	18	25
61	13	17	15	20	14	17	16	21	15	18	18	24
62	13	17	16	20	14	17	16	21	14	18	18	24
63	13	18	16	21	14	18	18	21	15	21	18	25
64	14	21	18	23	15	21	19	24	16	23	19	26
65	15	23	19	25	16	23	20	25	17	25	20	29
66	16	25	20	26	17	25	21	28	18	28	23	30
67	17	28	21	28	18	28	23	29	20	31	24	33
68	20	30	26	32	21	31	28	33	22	35	29	37
69	21	33	32	35	23	35	33	38	25	38	35	42
70	23	37	37	39	25	37	38	42	28	41	40	45
71	25	39	42	42	28	40	43	45	30	45	47	50
72	28	43	47	45	30	44	48	49	33	48	52	54
73	32	47	54	52	33	49	57	55	38	54	62	62
74	36	53	63	59	38	55	66	63	43	61	71	69
75	40	58	72	66	43	61	74	71	47	67	81	77
76	44	63	81	72	46	67	83	77	52	74	91	84
77	48	69	89	78	51	72	93	84	56	79	100	92
78	54	76	88	92	56	81	92	98	62	87	100	107
79	59	84	87	106	62	89	91	112	69	97	98	122
80	64	91	87	120	68	97	89	126	76	105	97	137
81	70	99	86	132	75	104	88	141	82	113	96	152
82	76	106	84	146	81	112	87	155	89	122	96	169
83	85	118	96	163	89	125	100	173	109	137	107	188
84	92	133	108	180	98	141	112	192	121	154	122	209

**Generation Protector 2 / Generation Protector Select (Proposed)**  
**Allianz Life Insurance Company of North America**  
**5701 Golden Hills Drive, Minneapolis, Minnesota 55416-1297**

**Coverage Enhancement Rider**  
**Elimination Period Factors**  
**Preferred Rate Class**

From: To: Age	30 days 7 days	60 days 30 days	90 days 60 days	180 days 90 days	365 days 180 days
18-40	1.50	1.49	1.47	1.51	1.53
41	1.50	1.49	1.47	1.51	1.53
42	1.50	1.49	1.47	1.51	1.53
43	1.48	1.46	1.45	1.49	1.51
44	1.45	1.44	1.43	1.47	1.49
45	1.43	1.42	1.40	1.44	1.46
46	1.41	1.40	1.38	1.42	1.44
47	1.39	1.38	1.36	1.40	1.42
48	1.39	1.38	1.36	1.40	1.42
49	1.39	1.38	1.36	1.40	1.42
50	1.39	1.38	1.36	1.40	1.42
51	1.39	1.38	1.36	1.40	1.42
52	1.39	1.38	1.36	1.40	1.42
53	1.37	1.35	1.34	1.38	1.40
54	1.34	1.33	1.32	1.36	1.37
55	1.32	1.31	1.30	1.33	1.35
56	1.30	1.29	1.27	1.31	1.33
57	1.28	1.27	1.25	1.29	1.31
58	1.26	1.25	1.23	1.27	1.28
59	1.23	1.22	1.21	1.24	1.26
60	1.21	1.20	1.19	1.22	1.24
61	1.19	1.18	1.17	1.20	1.22
62	1.17	1.16	1.14	1.18	1.19
63	1.17	1.16	1.14	1.18	1.19
64	1.16	1.15	1.14	1.17	1.19
65	1.16	1.15	1.14	1.17	1.19
66	1.16	1.15	1.14	1.17	1.18
67	1.16	1.15	1.13	1.17	1.18
68	1.16	1.15	1.13	1.17	1.18
69	1.16	1.15	1.13	1.17	1.18
70	1.16	1.15	1.13	1.17	1.18
71	1.16	1.15	1.13	1.17	1.18
72	1.16	1.15	1.13	1.17	1.18
73	1.16	1.15	1.13	1.17	1.18
74	1.16	1.15	1.13	1.17	1.18
75	1.16	1.15	1.13	1.17	1.18
76	1.16	1.15	1.13	1.17	1.18
77	1.16	1.15	1.13	1.17	1.18
78	1.16	1.15	1.13	1.17	1.18
79	1.16	1.15	1.13	1.17	1.18
80	1.16	1.15	1.13	1.17	1.18
81	1.16	1.15	1.13	1.17	1.18
82	1.16	1.15	1.13	1.17	1.18
83	1.16	1.15	1.13	1.17	1.18
84	1.16	1.15	1.13	1.17	1.18

<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

## Supporting Document Schedules

<b>Satisfied - Item:</b>	Transmittal Letter (A&H)
<b>Comments:</b>	Refer to General Information tab for filing description.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>Satisfied - Item:</b>	Actuarial Certification (A&H)
<b>Comments:</b>	Included in Actuarial Memorandum.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>Satisfied - Item:</b>	Actuarial Memorandum and Explanatory Information (A&H)
<b>Comments:</b>	
<b>Attachment(s):</b>	Actuarial Memo GP2 - PA.pdf Supplement to Act Memo GP2 - PA.pdf Exhibits and Attachments - PA GP2.xlsx
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>Bypassed - Item:</b>	Advertisements (A&H)
<b>Bypass Reason:</b>	N/A to this filing. This is a rate filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>Bypassed - Item:</b>	Authorization to File (A&H)
<b>Bypass Reason:</b>	N/A-- Allianz is filing on its own behalf.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>Bypassed - Item:</b>	Insert Page Explanation (A&H)
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	



<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Bypassed - Item:</b>	Rate Table (A&H)
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Bypassed - Item:</b>	Replacement Form with Highlighted Changes (A&H)
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Bypassed - Item:</b>	Advertisement Compliance Certification
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Bypassed - Item:</b>	Reserve Calculation (A&H)
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Bypassed - Item:</b>	Variability Explanation (A&H)
<b>Bypass Reason:</b>	N/A to this filing.
<b>Attachment(s):</b>	
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Satisfied - Item:</b>	CONFIDENTIAL Exhibits
<b>Comments:</b>	Allianz Life is requesting that the attached Exhibits be treated as confidential, trade secret information.
<b>Attachment(s):</b>	Exhibit 2 - Current Assumption Justification - CONFIDENTIAL 2023.pdf Exhibit 8_Comparison of Assumptions - GP2 - CONFIDENTIAL.pdf
<b>Item Status:</b>	

<b>State:</b>	Pennsylvania	<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified		
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2		
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2		

<b>Status Date:</b>	
<b>Satisfied - Item:</b>	Policyholder Notification Letter
<b>Comments:</b>	
<b>Attachment(s):</b>	Generic Policyholder Notification - Single Stage 4.29.21 FINAL.pdf
<b>Item Status:</b>	
<b>Status Date:</b>	
<b>Satisfied - Item:</b>	Objection Response Letter to Objection rec'd 4.12.23
<b>Comments:</b>	
<b>Attachment(s):</b>	Response to Objection Received on April 12 2023 - GP2.pdf Response Attachments - GP2.xlsx
<b>Item Status:</b>	
<b>Status Date:</b>	

<b>SERFF Tracking #:</b>	ALLB-133605409	<b>State Tracking #:</b>	ALLB-133605409	<b>Company Tracking #:</b>	LTC RATE INCREASE 2023 - GP2
<hr/>					
<b>State:</b>	Pennsylvania			<b>Filing Company:</b>	Allianz Life Insurance Company of North America
<b>TOI/Sub-TOI:</b>	LTC03I Individual Long Term Care/LTC03I.001 Qualified				
<b>Product Name:</b>	LTC Rate Increase 2023 - GP2				
<b>Project Name/Number:</b>	LTC Rate Increase 2023 - GP2/LTC Rate Increase 2023 - GP2				

***Attachment Exhibits and Attachments - PA GP2.xlsx is not a PDF document and cannot be reproduced here.***

***Attachment Response Attachments - GP2.xlsx is not a PDF document and cannot be reproduced here.***

# Allianz Life Insurance Company of North America

**Home Office:  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297**

## **Actuarial Memorandum Supporting 7% Aggregate Premium Rate Increase On Individual Long-Term Care Insurance Policy Forms**

### **1. TYPE OF CHANGE**

Allianz Life Insurance Company of North America (the Company) proposes the following rate revisions on the below long-term care (LTC) policy form. The company issued this policy form in Pennsylvania between 2006 and 2010.

Product Name

Generation Protector II / Generation Protector Select (GP2)

Form series (including associated riders)

11-P-Q-PA, 11-P-Q-PA(F)

The premium rate increase request varies by benefit period. The table below provides the requested rate increase:

Policy Form Series	Benefit Period		
	2-4 Years	5-8 Years	Lifetime
GP2	0%	5%	25%

As the Company is not currently marketing new business, the required statement that the renewal premium rate schedules are not greater than the new business premium rate schedules is not applicable.

### **2. PURPOSE OF FILING**

This memorandum has been prepared to provide actuarial information supporting a rate revision to premiums for the form series above. The rate revision meets the minimum requirements in the statutes of Pennsylvania.

The Company is requesting a premium rate increase on the above-listed form, including all associated riders. This form is in need of a premium rate increase due to past and projected future experience that continues to be more adverse than previously expected and originally priced for.

### **3. LIMITATIONS AND EXCLUSIONS**

This actuarial memorandum is intended to support the premium rate increases on the policy form described above and it is not appropriate to use for any other purposes.

### **4. HISTORY OF RATE REVISION**

The table below provides the rate increase history in Pennsylvania for the policy form series in this filing.

Rate Increase Round	Policy Form Series: GP2		
	Date of Approval	Rate Increase Amount	SERFF Tracking Number (if available)
First Rate Increase	3/30/2016	31.5%	ALLB-130164399
Second Rate Increase	11/15/2021	18.1%	ALLB-132821902

Exhibit 1 provides the rate increase history nationwide for the policy form series in this filing.

## 5. SCOPE AND APPLICABILITY

This filing applies to active premium paying policies issued in this state for the policy form listed above. This policy form is no longer being marketed. This policy form includes premium payment options and traditional level-pay-for-life. All premium paying policies are included in this filing and in the attached distribution of business Exhibits. Exhibit 1 provides a distribution of in-force policies and total annual premiums by issue state.

These rates when approved will be applied to policies delivered or issued for delivery in the state of Pennsylvania, regardless of place of current residence.

## 6. DESCRIPTION OF BENEFITS

These plans are Guaranteed Renewable, Tax-Qualified, Individual Long Term Care Insurance plans. Plans cover facility care and home and community care where applicable. Premiums vary by issue age and are projected to be level for the duration of the policy, unless modified by the riders elected by the policyholder. Rider charges are factor based and are a multiplier of the base premium.

Several coverage options are available:

- ❖ Various Maximum Benefit Periods
- ❖ Various Daily Benefit Amounts
- ❖ Various Elimination Periods
- ❖ Facility Care Plan with various Home and Community Care Benefit levels
- ❖ Separate rates for different underwriting classes
- ❖ Separate rates for joint and single lives

## 7. POLICYHOLDER OPTIONS

Assuming that the proposed rate increase becomes effective, policyholders will have the following options upon notification of the rate increase:

Policyholder Options to Reduce Benefits:

Policyholders with benefits above the minimum coverage level have the option to modify their policy benefits to mitigate the impact of the proposed rate increase. As examples, the options include, but are not limited to the following:

1. Reduce their benefit period,

2. Lower their daily benefit,
3. Increase their elimination period,
4. Reduce or cancel cost of living accumulation (COLA) riders.

To further minimize the impact to policyholders: As a part of this rate increase, for a limited time policyholders who reduce or cancel their COLA benefit riders will maintain all of their past COLA benefit increase percentages. Future premiums and benefit increases will be based on the new coverage levels elected by the policyholder. If the policyholder reduces their daily benefit, then the past increase in daily benefit from COLA rider will be reduced by the same proportion.

*Non-forfeiture Offers:*

In addition, the Company will give the policyholder the option to accept a non-forfeiture benefit if they receive a premium increase at no charge. Acceptance of the non-forfeiture benefit will provide the policyholder with a reduced paid-up policy, with no future premiums required after the effective date of the policyholder's rate increase. Policyholders who elect this option will pay no additional premiums after the effective date of the rate increase, and their benefit pool will be their total premiums paid. In consideration of our policyholders, our company does not subtract past claims from the benefit pool prior to the election of this rider.

## **8. ISSUE YEAR**

This form was sold from 2006 to 2010 in Pennsylvania, and marketed nationally from 2006 through 2010. This form is no longer being issued in any state as Allianz stopped issuing all individual standalone long-term care insurance in 2010.

## **9. UNDERWRITING DESCRIPTION**

All policies subject to this rate revision were subject to full underwriting in accordance with Company standards in place at the time of issue. Those underwriting standards were taken into consideration when projecting future experience.

## **10. MARKETING METHOD**

Sales were conducted by individual agents, who sold primarily on an individual policy basis. The Company no longer sells long-term care insurance policies.

## **11. AREA FACTORS**

The Company did not use area factors within the state.

## **12. AVERAGE ANNUAL PREMIUM PER INSURED**

This section compares the average premiums of the Pennsylvania policy form and nationwide policy form. The following table provides the average annual premium based on December 31, 2022 in-force policies for the policy form included in this filing, both without and with the requested increase.

Pennsylvania Generation Protector II / Generation Protector Select Policy Form:

Current Average Annual Premium:	\$2,760	(494 Premium Paying Policies)
Proposed (7% increase):	\$2,940	

National Generation Protector II / Generation Protector Select Policy Form:

2022 Annual Premium:	\$2,470	(13,071 Premium Paying Policies)
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The total number of policies issued nationwide for GP2 is 19,776. This results in 66% of policyholders remaining in this block on a nationwide basis.

### 13. PREMIUM MODALIZATION RULES

The modal premium factors will remain unchanged from the current factors.

### 14. RESERVES

Active life reserves have not been used in the experience exhibits for this rate increase analysis for the purpose of demonstrating compliance with minimum loss ratio requirements, except as detailed in the supplement to the actuarial memorandum.

At each valuation date, a claim reserve is computed for each active and pending claim case. For active claims, the claim reserve is calculated as the present value of future benefits from the valuation date to the end of the benefit period. Benefit amounts are discounted for interest and claim continuance. Claim reserves have been discounted and allocated to the appropriate incurred year.

### 15. BEST ESTIMATE ACTUARIAL ASSUMPTIONS

a. Morbidity:

Attained age claim costs and Waiver of Premium benefits used in projecting future experience for this form have been developed utilizing Company-specific policy experience enhanced with other industry data as needed. Claim costs vary by joint policy status (joint vs. single), gender and various levels of home health care with adjustments for elimination periods, benefit periods, and riders.

Claim costs are developed from first principle using company-specific historical claim experience. Allianz incidence rates are typically credible up to age 90. Allianz data was then graded towards industry data for ages 90 and above, ultimately equating with industry experience by age 100. Continuance and utilization rates from Allianz claim data were blended with industry data when experience lacked credibility (fewer than 1,000 beginning of month claim exposures). Allianz experience was generally in line with industry data.

Future claim costs are projected on a seriatim basis for each policyholder. These claim costs are adjusted according to each policy's benefit designs, such as COLA option, elimination periods and benefit periods.

Underwriting, claim management and product design were taken into consideration when setting the assumptions. Allianz historical experience includes the positive impact of underwriting

selection. No scalar increases to the claim cost assumption are made within these projections to reflect future wear off from underwriting selection.

b. Mortality:

The projected future experience uses the gender-distinct 2012 Individual Annuitant Mortality (2012 IAM) table. This assumption is developed based on feedback from our consultants and is consistent with industry practice. The mortality assumption balances our morbidity assumption as neither is projected to have future improvements.

c. Persistency:

The Company's own experience was used in the development of the lapse assumption. The experience is determined to be credible through policy duration 15. The voluntary lapse assumption is split by duration, marital status and COLA option as follows:

Duration	Individual		Married	
	Non-COLA	COLA	Non-COLA	COLA
1	9.50%	7.00%	7.70%	3.50%
2	6.80%	4.50%	5.80%	2.50%
3	4.00%	2.20%	3.80%	1.50%
4	3.00%	1.50%	2.80%	1.25%
5	2.30%	1.30%	1.00%	0.50%
6	1.60%	0.90%	1.00%	0.50%
7+	1.40%	0.75%	1.00%	0.40%

Additional lapses caused by exhaustion of benefits are also modeled using claim incidence, continuance, and utilization rates.

Based on company experience, a 1% increase to lapse rate is assumed immediately after the implementation of the rate increase to account for the election of reduced paid up benefit.

d. Expected Benefit Reduction:

Based on company experience from previous rate increases, the cash flow projection for the proposed rate increase includes an expectation of policyholders lowering their lifetime maximum benefit.

Lifetime benefit period policies are projected to reduce to a 5 year benefit period 7% of the time and to a 3 year benefit period 6% of the time. Policyholders with a non-lifetime benefit period equal to or greater than 5 years are projected to reduce to a 3 year benefit period 5% of the time.

e. Interest and Investment Income:

The interest rate of 4.0% used in the original product filing is also used in these exhibits to calculate the loss ratio. Changes in interest rates and investment income are not used to justify the rate increase.

f. Expenses:

Changes in expense are not used to justify the rate increase and are not included in this analysis. It is assumed that original expense assumptions are still appropriate.



Exhibit 2 provides additional information and justification for the assumptions used in this filing.

The Company is no longer marketing long-term care products. As a result, the requirement to reflect on any assumptions that deviate from those used for pricing other forms currently available for sale is not applicable.

## **16. DEMONSTRATION OF SATISFACTION OF REQUIREMENTS**

The projections included in this filing are produced by applying “best estimate” actuarial assumptions that reasonably reflect actual experience. All policies other than traditional-level-pay-for-life are excluded from the historical and projected experience used to calculate loss ratios. The anticipated lifetime loss ratio for policies based on Pennsylvania specific rate history and these assumptions before the requested rate increase is 95.6% nationwide and 96.7% in Pennsylvania based on pooled experience (Exhibit 3 & 4). The lifetime loss ratio after the requested rate increase is 92.8% nationwide and 94.1% in Pennsylvania based on pooled experience (Exhibits 5 & 6). Loss ratios for Pennsylvania policyholders are slightly higher than national policies mainly due to the difference in distribution of business mix.

The requested rate increase is not calculated to achieve a targeted loss ratio or to maintain rate stability since that would require a significantly larger rate increase. The request is meant to find a balance between the poor performance of the business and the impact of rate increases on our policyholders.

A detailed demonstration of the 58/85 calculations justifying the rate increase can be found in Exhibit 7. The justifiable rate increases under moderately adverse conditions are over 135% on a nationwide basis based on pooled experience. Moderately adverse conditions for the 58/85 calculation are defined as a 10% increase in future claim cost over the current best estimate. All of the policies in this filing are subject to post-rate stability requirements.

## **17. ANALYSIS PERFORMED TO CONSIDER A RATE INCREASE**

The initial premium schedules were based on pricing assumptions that reflected the Company’s best estimate utilizing the available information at the time. Recent experience studies performed show that experience is more unfavorable than previously assumed which resulted in assumptions being updated and has led to the Company requesting a rate increase on this product. The requested rate level is comprised of the remainder of the 2021 requests for each benefit period that was not approved, and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The Pennsylvania specific experience lacks credibility and was not considered on its own in determining the requested rate level compared to our nationwide requests. The original pricing assumptions compared to our current assumptions are included in Exhibit 8.

## **18. LOSS RATIOS**

The lifetime loss ratios for the policy form series split by benefit period are provided in the table below both without and with the requested rate increase. To reflect Pennsylvania specific rate history, nationwide loss ratios are restated to reflect rate increases implemented in Pennsylvania. For actuarial modeling purposes the requested rate increase is assumed to be effective December 2023.

Benefit Period	Before Increase	After Increase
<b>Pennsylvania</b>		
2-4 Years	83.7%	83.7%
5-8 Years	103.7%	101.3%
Lifetime	108.9%	99.2%
All	96.7%	94.1%
<b>Nationwide</b>		
2-4 Years	82.9%	82.9%
5-8 Years	102.0%	99.5%
Lifetime	104.3%	95.5%
All	95.6%	92.8%

## 19. DISTRIBUTION OF BUSINESS

The historical experience reflects the actual distribution of policies during the experience period. We used the current distribution of business as of December 31, 2022 to project future experience.

Benefit period	Nationwide						Grand Total
	5% Compound COLA	4% Compound COLA	3% Compound COLA	5% Simple COLA	Two Times COLA	No COLA	
2-Year	0.5%	0.1%	0.5%	0.3%	0.1%	0.9%	2.4%
3-Year	6.1%	1.6%	4.2%	3.6%	1.9%	7.3%	24.7%
4-Year	4.1%	1.1%	2.6%	2.0%	0.9%	2.9%	13.7%
5-Year	9.8%	1.9%	6.0%	4.2%	2.5%	7.9%	32.3%
8-Year	4.4%	0.8%	2.5%	1.9%	0.7%	3.2%	13.4%
Lifetime	4.6%	0.7%	2.2%	1.8%	0.6%	3.6%	13.5%
Grand Total	29.4%	6.3%	17.9%	13.8%	6.8%	25.8%	100.0%

Benefit period	Pennsylvania						Grand Total	Proposed Rate Increase	Policyholders Impacted
	5% Compound COLA	4% Compound COLA	3% Compound COLA	5% Simple COLA	Two Times COLA	No COLA			
2-Year	1.0%	0.4%	0.2%	0.4%	0.2%	0.8%	3.0%	0%	15
3-Year	6.5%	2.8%	6.7%	5.9%	0.4%	4.9%	27.1%	0%	134
4-Year	2.6%	1.0%	2.4%	1.4%	3.0%	1.0%	11.5%	0%	57
5-Year	10.9%	2.6%	6.7%	4.9%	1.4%	8.3%	34.8%	5%	172
8-Year	4.7%	0.2%	2.2%	0.6%	0.6%	1.4%	9.7%	5%	48
Lifetime	4.9%	0.2%	2.2%	1.6%	0.0%	4.9%	13.8%	25%	68
Grand Total	30.6%	7.3%	20.4%	14.8%	5.7%	21.3%	100.0%	7%	494

## 20. ACTUARIAL CERTIFICATION

I am an Associate of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Academy's qualifications standards for preparing health rate filings.

Claims, reserves, and policyholder data are provided by our third party administrator and our valuation actuaries. Data was reviewed for reasonableness.

I hereby certify that, to the best of my knowledge and belief:

- a. It complies with Actuarial Standards of Practice No. 8 "Regulatory Filings for Rates and Financial Projections for Health Plans";
- b. The premiums charged after the proposed rate increase is not unfairly discriminatory and the premiums after the proposed rate increase are not excessive. The proposed premium rate increase is not sufficient to prevent future rate actions by the company and benefits currently are not reasonable in relation to the premiums charged.
- c. Assumptions within this filing are based on best estimate without provision for adverse deviation while interest rates used are based on original product filing.
- d. Policy design, underwriting, and claims adjudication practices have been taken into consideration.

ALLIANZ LIFE INSURANCE COMPANY OF NORTH AMERICA

By:



Name: Scott Laska, ASA, MAAA  
Assistant Actuary  
Its: Authorized Designee  
March 15, 2023

**Exhibit 1**  
**Allianz Life Insurance Company of North America**  
**Status of Filing as of 2/27/2023**  
**Policy Form Series : 11-P-Q, et al.**

State	First Rate Increase				First Rate Increase (Follow-up)				Second Rate Increase				Second Rate Increase (Follow-Up)				Cumulative Approved Increase	As of December 31, 2022	
	Amount Requested	Date Filed	Date Approved	Amount Approved	Amount Requested	Date Filed	Date Approved	Amount Approved	Amount Requested	Date Filed	Date Approved	Amount Approved	Amount Requested	Date Filed	Date Approved	Amount Approved		Policy Count	Annualized Premium
Alabama	38.0%	10/16/2015	5/11/2016	24.1%					23.5%	6/29/2021	8/13/2021	15.0%	8.5%	1/26/2023			42.7%	347	\$ 793,681
Alaska	38.0%	10/21/2015	10/21/2015	38.0%					23.1%	9/13/2021	10/1/2021	23.1%					69.9%	34	\$ 129,238
Arizona	60.0%	10/16/2015	6/21/2016	26.7%					24.6%	8/10/2021	9/2/2022	18.7%					50.4%	349	\$ 781,531
Arkansas	38.0%	6/14/2016	8/3/2016	10.0%	27.0%	2/7/2019	3/26/2019	8.2%	27.0%	8/12/2021	10/11/2021	20.0%					42.8%	103	\$ 242,358
Colorado	38.0%	12/27/2017	6/2/2017	9.8%					43.1%	7/28/2021							9.8%	505	\$ 1,108,022
Connecticut	38.0%	5/5/2016	9/22/2016	15.0%	24.0%	2/7/2019	4/3/2019	12.3%	46.7%	7/7/2021	12/2/2021	30.5%					68.5%	145	\$ 602,327
Delaware	38.0%	12/27/2018	4/1/2019	38.0%													38.0%	34	\$ 88,136
Dist. of Columbia	38.0%	1/7/2019	9/13/2019	10.0%					10.0%	7/12/2021	10/21/2021	10.0%					21.0%	26	\$ 67,928
Florida	56.4%	12/31/2019	9/24/2020	93.6%													93.6%	436	\$ 1,360,580
Georgia	38.0%	10/16/2015	3/15/2016	12.0%	25.0%	2/7/2019	5/21/2019	9.6%	47.1%	6/29/2021	7/21/2021	9.9%	37.2%	11/22/2022	1/18/2023	9.9%	48.3%	568	\$ 1,436,111
Hawaii	38.0%	10/16/2015	11/15/2018	30.2%													30.2%	20	\$ 62,297
Idaho	38.0%	10/16/2015	12/24/2015	38.0%					21.3%	10/8/2021	5/27/2022	13.6%					56.7%	120	\$ 239,300
Illinois	60.0%	10/16/2015	12/11/2017	60.0%					25.3%	4/27/2022	7/12/2022	25.3%					100.5%	686	\$ 1,620,151
Indiana	45.1%	5/22/2019	Disapproved	0.0%	87.0%	6/26/2020	9/3/2020	9.6%	41.7%	1/27/2022							9.6%	92	\$ 243,472
Iowa	38.0%	10/16/2015	4/7/2016	17.9%	22.0%	2/7/2019	3/18/2019	12.0%	28.6%	7/23/2021	11/2/2021	24.8%					64.8%	354	\$ 828,232
Kansas	60.0%	10/16/2015	7/26/2016	60.0%													60.0%	334	\$ 716,617
Kentucky	38.0%	10/16/2015	1/18/2016	31.7%					27.6%	7/28/2021	11/15/2021	27.6%					68.0%	157	\$ 398,365
Louisiana	38.0%	12/27/2018	9/23/2019	17.7%					52.2%	7/13/2021	2/10/2022	20.4%					41.7%	175	\$ 333,534
Maine	38.0%	1/12/2016	8/18/2016	33.0%					21.0%	9/8/2021	12/17/2021	20.9%					60.8%	55	\$ 148,313
Maryland	38.0%	10/16/2015	5/19/2016	15.0%	12.0%	2/7/2019	7/2/2019	11.4%	25.1%	7/13/2021	10/14/2021	7.3%					37.5%	292	\$ 767,806
Massachusetts	38.0%	7/28/2016	9/6/2017	16.0%					45.7%	7/13/2021	7/15/2022	22.9%					42.6%	42	\$ 149,246
Michigan	38.0%	10/16/2015	11/6/2015	38.0%					21.4%	7/27/2021	8/17/2021	21.4%					67.5%	402	\$ 971,980
Minnesota	38.0%	7/28/2016	11/4/2016	33.1%					40.7%	5/26/2022	8/15/2022	25.6%					67.2%	1,466	\$ 3,577,342
Mississippi	38.0%	10/16/2015	12/16/2015	25.0%	8.0%	2/7/2019	10/22/2019	8.0%	25.5%	8/10/2021							35.0%	95	\$ 174,937
Missouri	38.0%	11/16/2015	1/29/2016	38.0%					48.1%	8/20/2021	11/22/2021	47.9%					104.1%	622	\$ 1,386,536
Montana	38.0%	10/16/2015	6/8/2017	27.1%	12.0%	2/7/2019	5/21/2019	11.6%	24.2%	7/21/2021	10/1/2021	22.9%					74.3%	108	\$ 307,829
Nebraska	38.0%	10/16/2015	12/10/2015	38.0%					27.4%	10/11/2021	1/4/2022	27.4%					75.8%	338	\$ 768,579
Nevada	38.0%	6/14/2016	7/7/2017	38.0%					22.5%	8/26/2021	12/22/2021	18.6%					63.7%	78	\$ 186,930
New Hampshire	38.0%	10/16/2015	2/16/2016	38.0%					23.5%	10/21/2021	11/29/2021	23.5%					70.4%	58	\$ 159,291
New Jersey	38.0%	10/16/2015	10/27/2016	20.9%					25.9%	11/23/2021	1/9/2023	15.7%					39.9%	292	\$ 867,262
New Mexico	38.0%	12/27/2018	1/28/2019	12.0%					46.7%	8/12/2021	11/8/2021	46.4%					64.0%	105	\$ 232,992
North Carolina	38.0%	10/16/2015	5/10/2016	30.0%					25.8%	7/12/2021	4/20/2022	25.8%					63.5%	330	\$ 762,798
North Dakota	38.0%	10/16/2015	12/14/2015	15.0%	17.0%	2/7/2019	3/11/2019	11.5%									28.2%	114	\$ 249,520
Ohio	38.0%	10/16/2015	5/20/2016	15.0%	22.0%	2/7/2019	7/24/2019	11.0%	21.0%	8/25/2021	2/17/2023	15.0%					46.8%	395	\$ 917,961
Oklahoma	38.0%	10/16/2015	2/22/2016	10.0%	24.0%	2/7/2019	3/14/2019	12.1%	28.6%	8/16/2021	10/11/2021	15.0%					41.8%	210	\$ 487,583
Oregon	38.0%	10/16/2015	1/28/2016	38.0%					21.9%	8/11/2022							38.0%	251	\$ 561,410
Pennsylvania	38.0%	10/16/2015	3/30/2016	31.5%					24.6%	7/13/2021	11/15/2021	18.1%					55.3%	494	\$ 1,363,677
Rhode Island	38.0%	12/27/2018	1/21/2020	38.0%													38.0%	66	\$ 173,149
South Carolina	38.0%	10/16/2015	2/8/2016	20.0%	14.0%	2/7/2019	11/21/2019	8.7%	26.6%	9/24/2021	12/8/2021	10.0%					43.5%	202	\$ 449,795
South Dakota	38.0%	10/16/2015	11/13/2015	38.0%					28.1%	9/7/2021	9/20/2021	28.1%					76.8%	165	\$ 440,942
Tennessee	38.0%	10/16/2015	4/5/2016	38.0%					25.3%	7/8/2021	7/21/2022	20.4%					66.2%	328	\$ 691,290
Texas	60.0%	2/17/2016	5/11/2016	60.0%					49.2%	7/12/2021	11/29/2021	41.5%					126.4%	784	\$ 1,911,202
Utah	38.0%	6/9/2016	8/17/2016	38.0%					23.4%	6/27/2022	10/18/2022	23.4%					70.3%	40	\$ 87,338
Vermont	38.0%	12/27/2018	7/7/2021	38.0%													38.0%	29	\$ 68,914
Virginia	60.0%	10/16/2015	6/8/2016	60.0%													60.0%	620	\$ 1,845,277
Washington	38.0%	10/19/2015	6/16/2016	23.9%					22.7%	9/8/2021	3/7/2022	30.0%					61.1%	237	\$ 603,609
West Virginia	38.0%	10/16/2015	2/26/2016	38.0%					28.7%	9/28/2021	3/25/2022	28.7%					77.6%	19	\$ 46,527
Wisconsin	38.0%	12/17/2015	9/19/2016	38.0%					23.5%	8/22/2022	9/13/2022	23.5%					70.4%	285	\$ 714,388
Wyoming	38.0%	10/16/2015	2/9/2016	38.0%					22.4%	10/8/2021	1/10/2022	22.4%					68.9%	64	\$ 164,414
<b>Total</b>																	65.1%	13,071	\$ 32,290,714

**Exhibit 3**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**No Requested Rate Increase**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$1,480,109	\$0	0.0%
2007	\$9,961,639	\$229,386	2.3%
2008	\$21,889,338	\$126,380	0.6%
2009	\$29,753,489	\$662,935	2.2%
2010	\$32,733,527	\$846,097	2.6%
2011	\$31,614,887	\$1,625,959	5.1%
2012	\$30,817,925	\$3,302,277	10.7%
2013	\$30,225,351	\$3,003,618	9.9%
2014	\$29,650,304	\$2,406,460	8.1%
2015	\$29,104,645	\$5,611,148	19.3%
2016	\$28,580,004	\$6,789,555	23.8%
2017	\$29,747,124	\$7,168,036	24.1%
2018	\$32,417,965	\$11,511,269	35.5%
2019	\$33,053,887	\$10,549,713	31.9%
2020	\$32,260,904	\$12,100,472	37.5%
2021	\$31,519,010	\$16,331,453	51.8%
2022	\$31,472,426	\$23,963,876	76.1%
2023	\$34,183,631	\$17,225,233	50.4%
2024	\$33,432,577	\$20,117,810	60.2%
2025	\$32,161,427	\$22,682,598	70.5%
2026	\$30,849,673	\$25,660,166	83.2%
2027	\$29,499,681	\$28,961,694	98.2%
2028	\$28,111,261	\$32,659,728	116.2%
2029	\$26,690,813	\$36,584,828	137.1%
2030	\$25,239,842	\$40,808,817	161.7%
2031	\$23,764,424	\$45,129,587	189.9%
2032	\$22,267,933	\$49,531,133	222.4%
2033	\$20,761,808	\$53,573,106	258.0%
2034	\$19,252,507	\$57,286,381	297.6%
2035	\$17,751,465	\$60,389,468	340.2%
2036	\$16,266,935	\$62,969,279	387.1%
2037	\$14,814,031	\$64,691,774	436.7%
2038	\$13,401,244	\$65,771,931	490.8%
2039	\$12,040,761	\$66,078,955	548.8%
2040	\$10,740,521	\$65,830,609	612.9%
2041	\$9,513,106	\$64,665,074	679.7%
2042	\$8,363,190	\$62,823,383	751.2%
2043	\$7,297,470	\$60,262,598	825.8%
2044	\$6,318,266	\$57,282,903	906.6%
2045	\$5,430,599	\$53,730,862	989.4%
2046	\$4,633,042	\$49,941,997	1078.0%
2047	\$3,924,405	\$45,917,910	1170.1%
2048	\$3,299,844	\$41,881,319	1269.2%
2049	\$2,755,999	\$37,708,827	1368.2%
2050	\$2,286,139	\$33,667,615	1472.7%
2051	\$1,884,484	\$29,774,535	1580.0%
2052	\$1,543,689	\$26,181,642	1696.0%
2053	\$1,257,876	\$22,785,403	1811.4%
2054	\$1,019,638	\$19,706,475	1932.7%
2055	\$822,742	\$16,936,187	2058.5%
2056	\$660,866	\$14,525,495	2198.0%
2057	\$528,958	\$12,367,270	2338.0%
2058	\$421,775	\$10,483,328	2485.5%
2059	\$335,141	\$8,828,264	2634.2%
2060	\$265,272	\$7,410,424	2793.5%
2061	\$209,287	\$6,181,609	2953.6%
2062	\$164,486	\$5,144,519	3127.6%
2063	\$128,783	\$4,260,763	3308.5%
2064	\$100,351	\$3,515,065	3502.8%
2065	\$77,849	\$2,877,606	3696.4%
2066	\$60,075	\$2,345,580	3904.4%
2067	\$46,117	\$1,899,440	4118.7%
2068	\$35,190	\$1,527,123	4339.6%
2069	\$26,698	\$1,212,562	4541.8%
2070	\$20,126	\$950,935	4724.9%
2071	\$15,085	\$736,576	4883.0%
2072	\$11,241	\$564,886	5025.2%
2073	\$8,343	\$428,741	5138.9%
2074	\$6,169	\$322,461	5227.2%
2075+	\$16,445	\$897,377	5456.8%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$635,703,872	\$124,534,414	19.6%
Projected Future (2023 +)	\$339,991,213	\$808,009,517	237.7%
Total Lifetime Anticipated	\$975,695,086	\$932,543,932	95.6%

**Exhibit 4**  
**Allianz Life Insurance Company of North America**  
**Pennsylvania Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**No Requested Rate Increase**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$377	\$0	0.0%
2007	\$276,544	\$0	0.0%
2008	\$845,294	\$0	0.0%
2009	\$1,247,592	\$0	0.0%
2010	\$1,448,214	\$60,838	4.2%
2011	\$1,382,797	\$276,068	20.0%
2012	\$1,355,286	\$191,313	14.1%
2013	\$1,319,734	\$74	0.0%
2014	\$1,275,217	\$4,359	0.3%
2015	\$1,228,262	\$0	0.0%
2016	\$1,205,567	\$644,622	53.5%
2017	\$1,260,195	\$538,168	42.7%
2018	\$1,366,321	\$159,951	11.7%
2019	\$1,370,179	\$413,034	30.1%
2020	\$1,315,051	\$610,677	46.4%
2021	\$1,283,084	\$2,610,135	203.4%
2022	\$1,292,723	\$147,472	11.4%
2023	\$1,403,274	\$665,400	47.4%
2024	\$1,377,601	\$772,208	56.1%
2025	\$1,329,216	\$868,267	65.3%
2026	\$1,278,849	\$984,612	77.0%
2027	\$1,226,581	\$1,115,916	91.0%
2028	\$1,172,428	\$1,264,312	107.8%
2029	\$1,116,634	\$1,422,518	127.4%
2030	\$1,059,264	\$1,594,687	150.5%
2031	\$1,000,548	\$1,772,215	177.1%
2032	\$940,608	\$1,954,069	207.7%
2033	\$879,906	\$2,124,100	241.4%
2034	\$818,723	\$2,284,415	279.0%
2035	\$757,545	\$2,422,924	319.8%
2036	\$696,710	\$2,540,859	364.7%
2037	\$636,841	\$2,623,758	412.0%
2038	\$578,317	\$2,680,463	463.5%
2039	\$521,690	\$2,706,156	518.7%
2040	\$467,308	\$2,712,388	580.4%
2041	\$415,728	\$2,680,798	644.8%
2042	\$367,150	\$2,621,416	714.0%
2043	\$321,856	\$2,532,030	786.7%
2044	\$279,954	\$2,423,037	865.5%
2045	\$241,679	\$2,285,583	945.7%
2046	\$207,045	\$2,140,057	1033.6%
2047	\$176,061	\$1,982,264	1125.9%
2048	\$148,565	\$1,821,235	1225.9%
2049	\$124,448	\$1,649,538	1325.5%
2050	\$103,469	\$1,480,548	1430.9%
2051	\$85,425	\$1,313,378	1537.5%
2052	\$70,021	\$1,158,017	1653.8%
2053	\$57,028	\$1,009,201	1769.7%
2054	\$46,132	\$873,373	1893.2%
2055	\$37,081	\$748,107	2017.5%
2056	\$29,615	\$639,188	2158.3%
2057	\$23,524	\$542,659	2306.8%
2058	\$18,576	\$459,075	2471.3%
2059	\$14,582	\$385,055	2640.6%
2060	\$11,374	\$322,291	2833.7%
2061	\$8,825	\$266,916	3024.5%
2062	\$6,811	\$219,991	3230.1%
2063	\$5,231	\$180,216	3445.3%
2064	\$3,995	\$146,805	3675.0%
2065	\$3,034	\$117,306	3866.6%
2066	\$2,288	\$93,221	4073.6%
2067	\$1,713	\$73,862	4311.2%
2068	\$1,271	\$57,926	4558.3%
2069	\$933	\$44,736	4796.9%
2070	\$675	\$34,475	5104.9%
2071	\$481	\$26,032	5416.1%
2072	\$335	\$18,660	5568.7%
2073	\$229	\$12,994	5673.0%
2074	\$153	\$8,851	5778.9%
2075+	\$260	\$16,241	6236.0%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$26,495,657	\$6,584,183	24.9%
Projected Future (2023 +)	\$14,293,107	\$32,873,741	230.0%
Total Lifetime Anticipated	\$40,788,764	\$39,457,924	96.7%

**Exhibit 5**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**With Average 7% Rate Increase**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$1,480,109	\$0	0.0%
2007	\$9,961,639	\$229,386	2.3%
2008	\$21,889,338	\$126,380	0.6%
2009	\$29,753,489	\$662,935	2.2%
2010	\$32,733,527	\$846,097	2.6%
2011	\$31,614,887	\$1,625,959	5.1%
2012	\$30,817,925	\$3,302,277	10.7%
2013	\$30,225,351	\$3,003,618	9.9%
2014	\$29,650,304	\$2,406,460	8.1%
2015	\$29,104,645	\$5,611,148	19.3%
2016	\$28,580,004	\$6,789,555	23.8%
2017	\$29,747,124	\$7,168,036	24.1%
2018	\$32,417,965	\$11,511,269	35.5%
2019	\$33,053,887	\$10,549,713	31.9%
2020	\$32,260,904	\$12,100,472	37.5%
2021	\$31,519,010	\$16,331,453	51.8%
2022	\$31,472,426	\$23,963,876	76.1%
2023	\$34,457,099	\$17,331,773	50.3%
2024	\$34,519,043	\$19,945,619	57.8%
2025	\$33,616,975	\$22,309,873	66.4%
2026	\$32,256,313	\$25,229,381	78.2%
2027	\$30,855,493	\$28,467,750	92.3%
2028	\$29,414,243	\$32,096,020	109.1%
2029	\$27,939,125	\$35,947,436	128.7%
2030	\$26,431,624	\$40,092,898	151.7%
2031	\$24,897,989	\$44,333,846	178.1%
2032	\$23,341,661	\$48,655,789	208.5%
2033	\$21,774,467	\$52,626,281	241.7%
2034	\$20,203,074	\$56,275,528	278.5%
2035	\$18,639,330	\$59,325,648	318.3%
2036	\$17,091,781	\$61,861,730	361.9%
2037	\$15,576,157	\$63,553,974	408.0%
2038	\$14,101,308	\$64,613,679	458.2%
2039	\$12,679,974	\$64,912,637	511.9%
2040	\$11,320,469	\$64,665,674	571.2%
2041	\$10,035,985	\$63,516,360	632.9%
2042	\$8,831,497	\$61,703,323	698.7%
2043	\$7,714,123	\$59,184,352	767.2%
2044	\$6,686,402	\$56,254,400	841.3%
2045	\$5,753,715	\$52,762,285	917.0%
2046	\$4,914,708	\$49,037,962	997.8%
2047	\$4,168,299	\$45,082,375	1081.6%
2048	\$3,509,593	\$41,114,987	1171.5%
2049	\$2,935,260	\$37,014,427	1261.0%
2050	\$2,438,384	\$33,043,226	1355.1%
2051	\$2,013,036	\$29,217,968	1451.4%
2052	\$1,651,596	\$25,687,695	1555.3%
2053	\$1,347,988	\$22,350,405	1658.1%
2054	\$1,094,497	\$19,325,024	1765.7%
2055	\$884,636	\$16,603,514	1876.9%
2056	\$711,795	\$14,235,946	2000.0%
2057	\$570,695	\$12,117,109	2123.2%
2058	\$455,826	\$10,268,505	2252.7%
2059	\$362,805	\$8,645,421	2382.9%
2060	\$287,644	\$7,255,880	2522.5%
2061	\$227,308	\$6,052,111	2662.5%
2062	\$178,935	\$5,036,550	2814.7%
2063	\$140,313	\$4,171,149	2972.7%
2064	\$109,500	\$3,441,029	3142.5%
2065	\$85,069	\$2,816,813	3311.2%
2066	\$65,736	\$2,295,762	3492.4%
2067	\$50,529	\$1,858,719	3678.5%
2068	\$38,603	\$1,494,056	3870.3%
2069	\$29,319	\$1,186,108	4045.5%
2070	\$22,124	\$930,216	4204.6%
2071	\$16,596	\$720,691	4342.6%
2072	\$12,377	\$552,936	4467.6%
2073	\$9,192	\$419,901	4568.3%
2074	\$6,800	\$316,014	4647.6%
2075+	\$18,143	\$881,237	4857.2%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$635,703,872	\$124,534,414	19.6%
Projected Future (2023 +)	\$354,719,519	\$794,219,126	223.9%
Total Lifetime Anticipated	\$990,423,391	\$918,753,540	92.8%

**Exhibit 6**  
**Allianz Life Insurance Company of North America**  
**Pennsylvania Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**With Average 7% Rate Increase**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$377	\$0	0.0%
2007	\$276,544	\$0	0.0%
2008	\$845,294	\$0	0.0%
2009	\$1,247,592	\$0	0.0%
2010	\$1,448,214	\$60,838	4.2%
2011	\$1,382,797	\$276,068	20.0%
2012	\$1,355,286	\$191,313	14.1%
2013	\$1,319,734	\$74	0.0%
2014	\$1,275,217	\$4,359	0.3%
2015	\$1,228,262	\$0	0.0%
2016	\$1,205,567	\$644,622	53.5%
2017	\$1,260,195	\$538,168	42.7%
2018	\$1,366,321	\$159,951	11.7%
2019	\$1,370,179	\$413,034	30.1%
2020	\$1,315,051	\$610,677	46.4%
2021	\$1,283,084	\$2,610,135	203.4%
2022	\$1,292,723	\$147,472	11.4%
2023	\$1,414,680	\$670,023	47.4%
2024	\$1,422,652	\$765,814	53.8%
2025	\$1,387,109	\$853,495	61.5%
2026	\$1,334,813	\$967,405	72.5%
2027	\$1,280,527	\$1,096,039	85.6%
2028	\$1,224,263	\$1,241,502	101.4%
2029	\$1,166,275	\$1,396,704	119.8%
2030	\$1,106,624	\$1,565,765	141.5%
2031	\$1,045,548	\$1,740,196	166.4%
2032	\$983,174	\$1,919,067	195.2%
2033	\$919,977	\$2,086,526	226.8%
2034	\$856,253	\$2,244,588	262.1%
2035	\$792,507	\$2,381,243	300.5%
2036	\$729,093	\$2,497,740	342.6%
2037	\$666,662	\$2,579,815	387.0%
2038	\$605,609	\$2,636,026	435.3%
2039	\$546,512	\$2,661,675	487.0%
2040	\$489,735	\$2,668,070	544.8%
2041	\$435,864	\$2,637,049	605.0%
2042	\$385,110	\$2,578,629	669.6%
2043	\$337,771	\$2,490,671	737.4%
2044	\$293,958	\$2,383,434	810.8%
2045	\$253,919	\$2,248,172	885.4%
2046	\$217,672	\$2,104,968	967.0%
2047	\$185,231	\$1,949,672	1052.6%
2048	\$156,428	\$1,791,150	1145.0%
2049	\$131,156	\$1,622,057	1236.7%
2050	\$109,163	\$1,455,685	1333.5%
2051	\$90,238	\$1,291,205	1430.9%
2052	\$74,074	\$1,138,357	1536.8%
2053	\$60,430	\$991,936	1641.5%
2054	\$48,980	\$858,305	1752.3%
2055	\$39,459	\$735,021	1862.8%
2056	\$31,596	\$627,836	1987.1%
2057	\$25,172	\$532,867	2116.9%
2058	\$19,945	\$450,657	2259.5%
2059	\$15,716	\$377,879	2404.4%
2060	\$12,311	\$316,223	2568.7%
2061	\$9,597	\$261,858	2728.4%
2062	\$7,446	\$215,800	2898.4%
2063	\$5,750	\$176,785	3074.3%
2064	\$4,418	\$144,026	3260.1%
2065	\$3,376	\$115,092	3409.4%
2066	\$2,562	\$91,469	3570.4%
2067	\$1,929	\$72,478	3757.2%
2068	\$1,439	\$56,842	3951.4%
2069	\$1,061	\$43,902	4138.2%
2070	\$772	\$33,836	4385.5%
2071	\$551	\$25,554	4636.0%
2072	\$385	\$18,317	4751.7%
2073	\$264	\$12,755	4828.6%
2074	\$177	\$8,686	4908.7%
2075+	\$302	\$15,932	5280.5%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$26,495,657	\$6,584,183	24.9%
Projected Future (2023 +)	\$14,876,481	\$32,334,216	217.4%
Total Lifetime Anticipated	\$41,372,139	\$38,918,400	94.1%



**Exhibit 7**  
**58%/85% Calculations**  
**Allianz Life Insurance of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**

a)	The accumulated value of the initial earned premium is	600
	58% of this value	348
b)	The accumulated value of prior premium rate schedule increases is	36
	85% of this value:	31
c)	The present value of future projected initial earned premiums is	228
	58% of this value	132
d)	The present value of future projected earned premium from prior premium rate schedule increases is	112
	PV of future projected EP from 7% increase:	15
	Combined:	126
	85% of this value:	107
e)	The accumulated value of past incurred claims is	125
	The present value of future projected incurred claims* is	874
	sum of these 2 values:	998
f)	<b>The sum of a,b,c and d is</b>	618
	<b>This amount is less than e)</b>	998

\*Projected incurred claims contain a 10% margin for moderately adverse experience.

# Allianz Life Insurance Company of North America

Home Office:  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297

## Supplement to the Actuarial Memorandum

Product Name

Generation Protection II / Generation Protector Select (GP2)

Form series (including associated riders)

11-P-Q-PA, 11-P-Q-PA(F)

### 1. PURPOSE OF FILING

This supplement has been prepared for the purpose of demonstrating that the requested rate increase is in compliance with Title 40 Section 3801.303(c), Reg. 89.83 of the Insurance Regulations for the state of Pennsylvania, and to provide items generally requested by the Department. It may not be appropriate for other purposes.

### 2. DEMONSTRATION OF COMPLIANCE WITH TITLE 40 SECTION 3801.303(c)

We believe that we comply with this subsection of the regulation by submitting these rates before they are being used.

### 3. DEMONSTRATION OF COMPLIANCE WITH REG. 89.83

89.83 (a): This subsection requires no action.

89.83 (b): This subsection is not applicable as this filing is not for rates for a new policy form.

89.83 (c): *Revision of Current Rates*

(1): For policies issued prior to September 16, 2002, the effective date of rate stability in Pennsylvania, the minimum loss ratio requirement is 60%, as specified in Reg. 89a.117.(b). For policies issued on or after September 16, 2002, the loss ratio requirements are specified in Reg. 89a.118.(c)(2), (i.e. the 58%/85% test). Demonstration of satisfaction of these requirements is discussed in Section 16 of the actuarial memorandum.

This rate increase filing complies with the set of requirements for policies issued on or after September 16, 2002.

(2): Section 6 of the actuarial memorandum provides a description of benefits. Copies of the affected policy forms may be provided upon request.

(2)(i): The primary reason why these forms are in need of a premium rate increase is due to past and projected future experience that continues to be more adverse than previously expected and originally priced for.

The company is requesting a premium rate increase that varies by benefit period, as shown in Section 1 of the actuarial memorandum. The request is meant to find a balance between the poor performance of the business and the impact of rate increases on our policyholders. Section 4 and Exhibit 1 of the actuarial memorandum provide the rate increase history in Pennsylvania for all policy form series in this filing.

The current rate schedules along with the proposed rate schedules are enclosed with this filing. Rate schedules for a policy form are split for policies issued prior to rate stability and policies issued after rate stability, if applicable (i.e. rate increase history differed). Please note that the actual rates implemented may vary slightly from those shown due to rounding algorithms.

Exhibits 3 and 5 of the actuarial memorandum provide nationwide earned premium and incurred claim actual and projected experience using best estimate assumptions, as described in Section 15 of the actuarial memorandum, before and after the requested rate increase, respectively.

Attachment 1 to this supplement provides nationwide earned premium and paid claim experience using best estimate assumptions, before the requested rate increase. Please note that historical written premium is not readily available. As a result, premiums in Attachment 1 are reflected on an earned basis rather than written. The interest rate used in Exhibit 3 and 5 and Attachment 1 to accumulate and discount values is 4.0%, as described in Section 15 of the actuarial memorandum.

Exhibits 4 and 6 of the actuarial memorandum and Attachment 2 to this supplement provide similar information to Exhibits 3 and 5 of the actuarial memorandum and Attachment 1 to this supplement, respectively, except provide Pennsylvania-specific experience.

(2)(ii)(A): Section 4 and Exhibit 1 of the actuarial memorandum provide the rate increase history in Pennsylvania for all policy form series in this filing.

(2)(ii)(B): Table 1 shows the commission scales for lifetime pay policies for the policy form series associated with this filing.

**Table 1**  
**Policy Form Series GP2**  
**Commission Scales by Duration**

<b>Duration 1</b>	<b>Duration 2-10</b>	<b>Duration 11+</b>
84%	10%	10%

The company adjusts renewal commission rates so that total commissions paid before and after any increase in premium are similar (i.e., commissions are not paid on the increased premium).

(2)(ii)(C)(I): Premiums earned since inception for nationwide experience can be found in Exhibits 3 and 5 of the actuarial memorandum, before and after the requested rate increase, respectively. Exhibits 4 and 6 of the actuarial memorandum provide similar information to Exhibits 3 and 5, respectively, but reflect Pennsylvania-specific experience.

Attachments 1 and 2 to this supplement provide reserve balances and the calculation basis for nationwide and Pennsylvania-specific experience, respectively.

(2)(ii)(C)(II): Attachments 1 and 2 to this supplement provide a breakdown of historical incurred claims and active life reserve balance, including a description of the calculation basis, for nationwide and Pennsylvania-specific experience, respectively.

Attachment 3 to this supplement provides nationwide actual experience on a durational basis using best estimate assumptions. Included are policy year earned premiums, incurred claims, durational loss ratios, and cumulative loss ratios with interest.

Values in Attachment 3 are shown both before and after the requested rate increase. The earned premiums have been restated to reflect the rate level approved in Pennsylvania on a nationwide basis. Similar to Exhibits 3 through 6 and Attachments 1 and 2, the values used to calculate the cumulative loss ratios are accumulated and discounted at 4.0%.

Attachment 4 to this supplement provides similar information to Attachment 3, except for Pennsylvania-specific experience.

(2)(ii)(D): We believe that we have provided information sufficient to support the rate increase requested in this filing.

(2)(iii): The claim reserves as of December 31, 2022 shown in this filing is in agreement with the statutory reserves as of December 31, 2022 shown in the annual statement for the policy forms included in this filing.

89.83 (d): We believe the proposed rate tables provided with this filing comply with this subsection.

#### **4. DEMONSTRATION OF COMPLIANCE WITH GENERALLY REQUESTED INFORMATION**

##### **EXPERIENCE RESTATED TO CURRENT PENNSYLVANIA RATE LEVEL FROM INCEPTION**

Attachment 5 to this supplement provides historical and projected experience on a nationwide basis with premiums restated to assume that the current Pennsylvania rate level had been charged since inception.

##### **EXPERIENCE RESTATED TO ORIGINAL RATE LEVEL FROM INCEPTION**

Attachment 6 to this supplement provides the same information as Attachment 5, except premiums are restated to the original rate level.

##### **PROSPECTIVE PRESENT VALUE ANALYSIS**

The Prospective Present Value Method (PPV Method) allows for an increase based on the deterioration in the projected experience for the active premium paying policyholders, along with “catch-up” and “transitional” rate increase provisions. The catch-up provision is included if part or all of a past rate increase was denied or significantly delayed. The transition provision allows for rate increases where prior rate increase requests were voluntarily reduced from the amount justified.

As this request is a follow-up to the most recent nationwide round of rate increases, which was partially approved in Pennsylvania on November 15, 2021, this analysis measures the deterioration in assumptions from the preceding nationwide rate increase filing. This analysis also accounts for the 18.1% rate increase approved in Pennsylvania on November 15, 2021.

Attachment 7 to this supplement provides the Present Value of Future Benefits (PVFB) and Present Value of Future Premiums (PVFP) based on Pennsylvania-specific experience under both current assumptions and assumptions from the prior rate filing. All values are discounted using a 4.0% interest rate, which is both the currently assumed and original pricing interest rate assumption. Only active policyholders currently paying premium have been included.

Also included in Attachment 7 is the calculation for determining the total justified rate increase from deterioration, which includes the catch-up provision. The total justified rate increase is 21.7%, which is greater than the average 7% current request.

Please note that a projection model reflecting premium-paying policies using assumptions from the prior approved rate filing is unavailable. To estimate this projection, we used calendar year pricing projections from the prior filing for all policyholders. These all-policies projections were “trued up” to reflect the active, premium-paying inforce population in 2022 and projected using persistency and loss ratios from the prior filing.

## **5. DESCRIPTION OF ATTACHMENTS AND ENCLOSURES**

Attachment 1: Nationwide Earned Premium, Claims and Reserves Balance

Attachment 2: Pennsylvania Earned Premium, Claims and Reserves Balance

Attachment 3: Nationwide Actual and Projected Experience by Policy Year

Attachment 4: Pennsylvania Actual and Projected Experience by Policy Year

Attachment 5: Nationwide Experience Restated to the Pennsylvania Rate Level from Inception

Attachment 6: Nationwide Experience Restated to the Original Rate Level from Inception

Attachment 7: Justified Rate Increase from Deterioration with Catch-Up Provision Under PPV  
Analysis

Enclosure: Exhibits and Attachments in Excel

**Attachment 1**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series : GP2**  
**As of 12/31/2022**

<u>Incurral</u> <u>Year</u>	<u>Earned</u> <u>Premium</u>	<u>Incurred</u> <u>Claims</u>	<u>Paid</u> <u>Claims</u>	<u>Disabled</u> <u>Life Reserve</u>	<u>IBNR</u> <u>Reserve</u>	<u>Total</u> <u>Claim Reserve</u>	<u>Year-End Active</u> <u>Life Reserve</u>	<u>Incurred</u> <u>Loss Ratio</u>
2006	\$1,480,109	\$0	\$0	\$0	\$0	\$0		0%
2007	\$9,961,639	\$229,386	\$229,386	\$0	\$0	\$0		2%
2008	\$21,889,338	\$126,380	\$126,380	\$0	\$0	\$0		1%
2009	\$29,753,489	\$662,935	\$662,935	\$0	\$0	\$0		2%
2010	\$32,733,527	\$846,097	\$846,097	\$0	\$0	\$0		3%
2011	\$31,614,887	\$1,625,959	\$1,625,959	\$0	\$0	\$0		5%
2012	\$30,817,925	\$3,302,277	\$3,202,931	\$99,347	\$0	\$99,347		11%
2013	\$30,225,351	\$3,003,618	\$2,834,577	\$169,041	\$0	\$169,041		10%
2014	\$29,650,304	\$2,406,460	\$2,406,460	\$0	\$0	\$0		8%
2015	\$29,104,645	\$5,611,148	\$5,314,943	\$296,205	\$0	\$296,205		19%
2016	\$28,580,004	\$6,789,555	\$6,435,800	\$353,755	\$0	\$353,755		24%
2017	\$29,747,124	\$7,168,036	\$6,126,782	\$1,041,254	\$0	\$1,041,254		24%
2018	\$32,417,965	\$11,511,269	\$8,288,405	\$3,214,778	\$8,086	\$3,222,864		36%
2019	\$33,053,887	\$10,549,713	\$6,294,974	\$4,254,739	\$0	\$4,254,739		32%
2020	\$32,260,904	\$12,100,472	\$5,550,491	\$6,549,981	\$0	\$6,549,981		38%
2021	\$31,519,010	\$16,331,453	\$3,853,789	\$12,477,665	\$0	\$12,477,665		52%
2022	\$31,472,426	\$23,963,876	\$919,791	\$18,793,588	\$4,250,496	\$23,044,084	\$1,428,189,529	76%

**Attachment 2**  
**Allianz Life Insurance Company of North America**  
**Pennsylvania-specific Experience**  
**Policy Form Series : GP2**  
**As of 12/31/2022**

<u>Incurral</u> <u>Year</u>	<u>Earned</u> <u>Premium</u>	<u>Incurred</u> <u>Claims</u>	<u>Paid</u> <u>Claims</u>	<u>Disabled</u> <u>Life Reserve</u>	<u>IBNR</u> <u>Reserve</u>	<u>Total</u> <u>Claim Reserve</u>	<u>Year-End Active</u> <u>Life Reserve</u>	<u>Incurred</u> <u>Loss Ratio</u>
2006	\$377	\$0	\$0	\$0	\$0	\$0		0%
2007	\$276,544	\$0	\$0	\$0	\$0	\$0		0%
2008	\$845,294	\$0	\$0	\$0	\$0	\$0		0%
2009	\$1,247,592	\$0	\$0	\$0	\$0	\$0		0%
2010	\$1,448,214	\$60,838	\$60,838	\$0	\$0	\$0		4%
2011	\$1,382,797	\$276,068	\$276,068	\$0	\$0	\$0		20%
2012	\$1,355,286	\$191,313	\$191,313	\$0	\$0	\$0		14%
2013	\$1,319,734	\$74	\$74	\$0	\$0	\$0		0%
2014	\$1,275,217	\$4,359	\$4,359	\$0	\$0	\$0		0%
2015	\$1,228,262	\$0	\$0	\$0	\$0	\$0		0%
2016	\$1,205,567	\$644,622	\$644,622	\$0	\$0	\$0		53%
2017	\$1,260,195	\$538,168	\$538,168	\$0	\$0	\$0		43%
2018	\$1,366,321	\$159,951	\$159,951	\$0	\$0	\$0		12%
2019	\$1,370,179	\$413,034	\$258,803	\$154,230	\$0	\$154,230		30%
2020	\$1,315,051	\$610,677	\$223,487	\$387,191	\$0	\$387,191		46%
2021	\$1,283,084	\$2,610,135	\$242,437	\$2,367,697	\$0	\$2,367,697		203%
2022	\$1,292,723	\$147,472	\$962	\$110,193	\$36,317	\$146,510	\$66,176,606	11%



Attachment 3  
Allianz Life Insurance Company of North America  
Nationwide Actual Experience by Duration  
Policy Form Series: GP2  
As of 12/31/2022  
No Requested Rate Increase

Duration	Actual/Projected Experience			Cumulative Loss Ratio with 4.0% Interest
	Earned Premium	Incurred Claims	Incurred Loss Ratio	
1	\$37,489,219	\$150,175	0.4%	0.4%
2	\$33,729,016	\$558,471	1.7%	1.0%
3	\$32,366,114	\$932,181	2.9%	1.6%
4	\$31,402,591	\$1,340,001	4.3%	2.1%
5	\$30,747,769	\$3,659,867	11.9%	3.8%
6	\$30,095,463	\$3,157,470	10.5%	4.7%
7	\$29,554,808	\$3,886,053	13.1%	5.7%
8	\$29,009,445	\$4,871,330	16.8%	6.8%
9	\$29,484,283	\$5,594,580	19.0%	7.9%
10	\$30,731,299	\$7,424,262	24.2%	9.2%
11	\$31,983,577	\$11,518,127	36.0%	11.2%
12	\$32,530,259	\$9,771,804	30.0%	12.5%
13	\$32,151,421	\$15,198,579	47.3%	14.6%
14	\$27,438,571	\$14,100,006	51.4%	16.3%
15	\$27,875,906	\$18,835,385	67.6%	18.6%
16	\$28,124,144	\$17,280,579	61.4%	20.4%
17	\$30,557,973	\$18,384,126	60.2%	22.0%
18	\$32,505,895	\$21,832,735	67.2%	23.9%
19	\$31,235,163	\$24,803,768	79.4%	25.9%
20	\$29,889,351	\$28,063,752	93.9%	28.1%
21	\$28,506,251	\$31,591,351	110.8%	30.4%
22	\$27,088,793	\$35,395,317	130.7%	33.0%
23	\$25,641,270	\$39,530,733	154.2%	35.7%
24	\$24,166,992	\$43,942,774	181.8%	38.7%
25	\$22,671,962	\$48,352,312	213.3%	41.8%
26	\$21,163,190	\$52,584,087	248.5%	45.1%
27	\$19,649,903	\$56,449,222	287.3%	48.4%
28	\$18,141,475	\$59,792,087	329.6%	51.8%
29	\$16,649,176	\$62,450,336	375.1%	55.3%
30	\$15,184,393	\$64,400,206	424.1%	58.7%
31	\$13,758,481	\$65,628,032	477.0%	62.0%
32	\$12,381,205	\$66,171,483	534.5%	65.3%
33	\$11,064,179	\$66,009,485	596.6%	68.4%
34	\$9,816,392	\$65,138,685	663.6%	71.3%
35	\$8,645,913	\$63,500,775	734.5%	74.1%
36	\$7,557,806	\$61,160,701	809.2%	76.7%
37	\$6,556,558	\$58,201,457	887.7%	79.1%
38	\$5,645,504	\$54,797,100	970.6%	81.2%
39	\$4,825,116	\$51,078,709	1058.6%	83.2%
40	\$4,094,516	\$47,179,676	1152.3%	84.9%
41	\$3,449,693	\$43,101,578	1249.4%	86.4%
42	\$2,885,738	\$38,945,804	1349.6%	87.7%
43	\$2,397,309	\$34,825,716	1452.7%	88.9%
44	\$1,978,441	\$30,902,528	1562.0%	89.9%
45	\$1,622,759	\$27,202,331	1676.3%	90.7%
46	\$1,323,298	\$23,742,669	1794.2%	91.4%
47	\$1,073,362	\$20,551,161	1914.7%	92.0%
48	\$866,231	\$17,691,253	2042.3%	92.5%
49	\$695,846	\$15,158,434	2178.4%	92.9%
50	\$556,691	\$12,940,180	2324.5%	93.2%
51	\$443,685	\$10,973,913	2473.4%	93.4%
52	\$352,277	\$9,250,146	2625.8%	93.7%
53	\$278,618	\$7,747,694	2780.8%	93.8%
54	\$219,517	\$6,460,692	2943.1%	94.0%
55	\$172,305	\$5,368,322	3115.6%	94.1%
56	\$134,697	\$4,440,504	3296.7%	94.2%
57	\$104,836	\$3,650,873	3482.5%	94.3%
58	\$81,198	\$2,986,512	3678.1%	94.3%
59	\$62,560	\$2,432,548	3888.4%	94.4%
60	\$47,937	\$1,972,196	4114.1%	94.4%
61	\$36,522	\$1,582,054	4331.8%	94.4%
62	\$27,652	\$1,254,751	4537.6%	94.4%
63	\$20,803	\$981,810	4719.7%	94.5%
64	\$15,549	\$758,389	4877.5%	94.5%
65	\$11,558	\$580,451	5022.2%	94.5%
66	\$8,550	\$441,362	5162.2%	94.5%
67	\$6,299	\$331,785	5267.2%	94.5%
68	\$4,624	\$247,570	5354.0%	94.5%
69	\$3,385	\$184,602	5453.7%	94.5%
70	\$2,470	\$137,394	5562.8%	94.5%
71	\$1,795	\$101,970	5681.9%	94.5%
72	\$1,297	\$75,653	5834.7%	94.5%
73	\$930	\$55,608	5979.6%	94.5%
74	\$660	\$40,194	6088.4%	94.5%
75	\$463	\$28,729	6203.7%	94.5%
76	\$320	\$20,460	6394.6%	94.5%
77	\$217	\$14,345	6606.4%	94.5%
78	\$144	\$9,842	6822.9%	94.5%
79	\$94	\$6,618	7062.8%	94.5%
80	\$59	\$4,394	7393.5%	94.5%
81	\$37	\$2,862	7787.5%	94.5%
82	\$22	\$1,829	8233.0%	94.5%
83	\$13	\$1,143	8662.8%	94.5%
84	\$8	\$713	9224.7%	94.5%
85	\$4	\$443	9901.6%	94.5%
86	\$3	\$274	10690.1%	94.5%
87	\$1	\$166	11641.3%	94.5%
88	\$1	\$101	13158.1%	94.5%
89	\$0	\$59	14980.7%	94.5%
90	\$0	\$32	16396.2%	94.5%
91	\$0	\$19	20245.1%	94.5%
92	\$0	\$12	29243.8%	94.5%
93	\$0	\$7	45279.6%	94.5%
94	\$0	\$4	71895.6%	94.5%
95	\$0	\$3	176993.4%	94.5%
96	\$0	\$1	371373.3%	94.5%
97	\$0	\$0	408979.2%	94.5%
Total Lifetime Anticipated	\$941,001,816	\$1,631,928,482	173.4%	94.5%

Attachment 3  
Allianz Life Insurance Company of North America  
Nationwide Actual Experience by Duration  
Policy Form Series: GP2  
As of 12/31/2022  
With 7% Average Rate Increase

Duration	Actual/Projected Experience			Cumulative Loss Ratio with 4.0% Interest
	Earned Premium	Incurred Claims	Incurred Loss Ratio	
1	\$37,489,219	\$150,175	0.4%	0.4%
2	\$33,729,016	\$558,471	1.7%	1.0%
3	\$32,366,114	\$932,181	2.9%	1.6%
4	\$31,402,591	\$1,340,001	4.3%	2.1%
5	\$30,747,769	\$3,659,867	11.9%	3.8%
6	\$30,095,463	\$3,157,470	10.5%	4.7%
7	\$29,554,808	\$3,886,053	13.1%	5.7%
8	\$29,009,445	\$4,871,330	16.8%	6.8%
9	\$29,484,283	\$5,594,580	19.0%	7.9%
10	\$30,731,299	\$7,424,262	24.2%	9.2%
11	\$31,983,577	\$11,518,127	36.0%	11.2%
12	\$32,530,259	\$9,771,804	30.0%	12.5%
13	\$32,151,421	\$15,198,579	47.3%	14.6%
14	\$27,442,919	\$14,101,262	51.4%	16.3%
15	\$27,959,623	\$18,859,149	67.5%	18.6%
16	\$28,553,718	\$17,297,865	60.6%	20.4%
17	\$31,456,654	\$18,334,231	58.3%	22.0%
18	\$33,781,607	\$21,663,587	64.1%	23.8%
19	\$32,685,237	\$24,519,940	75.0%	25.7%
20	\$31,362,475	\$27,697,447	88.3%	27.8%
21	\$29,921,431	\$31,169,712	104.2%	30.1%
22	\$28,444,038	\$34,914,601	122.7%	32.5%
23	\$26,934,710	\$38,986,429	144.7%	35.2%
24	\$25,396,838	\$43,330,152	170.6%	38.0%
25	\$23,836,615	\$47,671,506	200.0%	41.0%
26	\$22,261,281	\$51,838,767	232.9%	44.2%
27	\$20,680,405	\$55,646,229	269.1%	47.4%
28	\$19,103,721	\$58,940,318	308.5%	50.7%
29	\$17,542,964	\$61,558,883	350.9%	54.0%
30	\$16,009,998	\$63,476,380	396.5%	57.3%
31	\$14,516,689	\$64,680,301	445.6%	60.6%
32	\$13,073,294	\$65,208,355	498.8%	63.7%
33	\$11,692,009	\$65,039,739	556.3%	66.7%
34	\$10,382,295	\$64,171,506	618.1%	69.5%
35	\$9,152,673	\$62,547,604	683.4%	72.2%
36	\$8,008,555	\$60,232,280	752.1%	74.7%
37	\$6,954,749	\$57,308,085	824.0%	77.0%
38	\$5,994,904	\$53,947,500	899.9%	79.1%
39	\$5,129,608	\$50,278,514	980.2%	81.0%
40	\$4,358,084	\$46,431,750	1065.4%	82.6%
41	\$3,676,301	\$42,409,670	1153.6%	84.1%
42	\$3,079,277	\$38,312,406	1244.2%	85.4%
43	\$2,561,553	\$34,251,787	1337.1%	86.5%
44	\$2,116,971	\$30,386,316	1435.4%	87.4%
45	\$1,738,927	\$26,740,941	1537.8%	88.2%
46	\$1,420,173	\$23,332,352	1642.9%	88.9%
47	\$1,153,733	\$20,188,694	1749.9%	89.5%
48	\$932,575	\$17,372,742	1862.9%	89.9%
49	\$750,351	\$14,879,565	1983.0%	90.3%
50	\$601,270	\$12,696,759	2111.7%	90.6%
51	\$479,990	\$10,762,957	2242.3%	90.9%
52	\$381,716	\$9,068,980	2375.8%	91.1%
53	\$302,386	\$7,593,735	2511.3%	91.3%
54	\$238,620	\$6,331,295	2653.3%	91.4%
55	\$187,590	\$5,260,255	2804.1%	91.5%
56	\$146,865	\$4,350,888	2962.5%	91.6%
57	\$114,472	\$3,577,056	3124.8%	91.7%
58	\$88,781	\$2,926,018	3295.8%	91.7%
59	\$68,488	\$2,383,154	3479.7%	91.8%
60	\$52,540	\$1,931,903	3677.0%	91.8%
61	\$40,068	\$1,549,445	3867.0%	91.8%
62	\$30,362	\$1,228,707	4046.8%	91.8%
63	\$22,857	\$961,550	4206.8%	91.8%
64	\$17,093	\$743,096	4347.4%	91.9%
65	\$12,709	\$569,174	4478.5%	91.9%
66	\$9,402	\$433,173	4607.2%	91.9%
67	\$6,926	\$325,966	4706.5%	91.9%
68	\$5,082	\$243,473	4790.9%	91.9%
69	\$3,718	\$181,747	4888.4%	91.9%
70	\$2,711	\$135,409	4995.1%	91.9%
71	\$1,968	\$100,581	5110.5%	91.9%
72	\$1,421	\$74,665	5255.2%	91.9%
73	\$1,018	\$54,907	5392.5%	91.9%
74	\$722	\$39,720	5499.1%	91.9%
75	\$506	\$28,414	5611.8%	91.9%
76	\$350	\$20,247	5791.3%	91.9%
77	\$237	\$14,200	5988.3%	91.9%
78	\$157	\$9,745	6188.4%	91.9%
79	\$102	\$6,553	6409.3%	91.9%
80	\$65	\$4,350	6711.4%	91.9%
81	\$40	\$2,833	7069.9%	91.9%
82	\$24	\$1,810	7473.7%	91.9%
83	\$14	\$1,131	7863.9%	91.9%
84	\$8	\$705	8375.7%	91.9%
85	\$5	\$438	8998.1%	91.9%
86	\$3	\$271	9726.2%	91.9%
87	\$2	\$164	10611.6%	91.9%
88	\$1	\$100	12002.1%	91.9%
89	\$0	\$59	13640.3%	91.9%
90	\$0	\$32	14876.4%	91.9%
91	\$0	\$18	18266.2%	91.9%
92	\$0	\$11	26241.5%	91.9%
93	\$0	\$7	40410.9%	91.9%
94	\$0	\$4	63748.0%	91.9%
95	\$0	\$3	156566.5%	91.9%
96	\$0	\$1	328119.2%	91.9%
97	\$0	\$0	360754.6%	91.9%
Total Lifetime Anticipated	\$964,162,513	\$1,609,405,175	166.9%	91.9%

Attachment 4  
Allianz Life Insurance Company of North America  
Pennsylvania Actual Experience by Duration  
Policy Form Series: GP2  
As of 12/31/2022  
No Requested Rate Increase

Duration	Actual/Projected Experience			Cumulative Loss Ratio with 4.0% Interest
	Earned Premium	Incurred Claims	Incurred Loss Ratio	
1	\$1,532,071	\$0	0.0%	0.0%
2	\$1,474,132	\$0	0.0%	0.0%
3	\$1,431,035	\$0	0.0%	0.0%
4	\$1,366,080	\$528,219	38.7%	8.6%
5	\$1,351,546	\$74	0.0%	7.1%
6	\$1,298,028	\$4,359	0.3%	6.1%
7	\$1,245,756	\$0	0.0%	5.4%
8	\$1,214,877	\$240,022	19.8%	6.8%
9	\$1,254,040	\$933	0.1%	6.2%
10	\$1,291,135	\$995,685	77.1%	11.9%
11	\$1,334,259	\$228,316	17.1%	12.2%
12	\$1,348,605	\$170,514	12.6%	12.3%
13	\$1,334,169	\$1,126,376	84.4%	16.5%
14	\$1,086,869	\$999,736	92.0%	19.9%
15	\$1,141,105	\$1,386,507	121.5%	24.3%
16	\$1,117,289	\$553,852	49.6%	25.2%
17	\$1,367,716	\$758,545	55.5%	26.6%
18	\$1,331,354	\$866,826	65.1%	28.1%
19	\$1,281,304	\$979,958	76.5%	29.8%
20	\$1,229,310	\$1,112,957	90.5%	31.7%
21	\$1,175,468	\$1,259,059	107.1%	33.8%
22	\$1,119,884	\$1,416,967	126.5%	36.1%
23	\$1,062,758	\$1,586,948	149.3%	38.6%
24	\$1,004,186	\$1,770,208	176.3%	41.4%
25	\$944,422	\$1,954,477	206.9%	44.3%
26	\$883,729	\$2,130,075	241.0%	47.4%
27	\$822,523	\$2,289,086	278.3%	50.6%
28	\$761,191	\$2,429,465	319.2%	53.8%
29	\$700,248	\$2,544,000	363.3%	57.1%
30	\$640,169	\$2,630,397	410.9%	60.4%
31	\$581,459	\$2,684,613	461.7%	63.6%
32	\$524,525	\$2,710,451	516.7%	66.7%
33	\$469,911	\$2,710,113	576.7%	69.7%
34	\$418,011	\$2,685,158	642.4%	72.6%
35	\$369,210	\$2,627,452	711.6%	75.3%
36	\$323,683	\$2,539,759	784.6%	77.9%
37	\$281,619	\$2,425,888	861.4%	80.2%
38	\$243,147	\$2,293,068	943.1%	82.3%
39	\$208,321	\$2,144,639	1029.5%	84.3%
40	\$177,136	\$1,991,517	1124.3%	86.0%
41	\$149,486	\$1,827,829	1222.7%	87.5%
42	\$125,189	\$1,658,660	1324.9%	88.8%
43	\$104,045	\$1,488,572	1430.7%	90.0%
44	\$85,825	\$1,323,708	1542.3%	91.0%
45	\$70,302	\$1,166,524	1659.3%	91.8%
46	\$57,185	\$1,018,662	1781.4%	92.5%
47	\$46,208	\$879,474	1903.3%	93.1%
48	\$37,086	\$753,359	2031.4%	93.6%
49	\$29,572	\$640,868	2167.1%	94.0%
50	\$23,438	\$543,731	2319.9%	94.3%
51	\$18,468	\$458,635	2483.4%	94.6%
52	\$14,466	\$385,035	2661.7%	94.8%
53	\$11,263	\$321,488	2854.5%	95.0%
54	\$8,711	\$266,660	3061.1%	95.1%
55	\$6,698	\$219,371	3275.3%	95.2%
56	\$5,118	\$179,274	3502.6%	95.3%
57	\$3,889	\$144,701	3720.8%	95.4%
58	\$2,936	\$116,214	3958.2%	95.5%
59	\$2,199	\$92,572	4209.6%	95.5%
60	\$1,633	\$73,225	4483.9%	95.5%
61	\$1,202	\$57,284	4765.3%	95.5%
62	\$875	\$44,382	5071.0%	95.6%
63	\$628	\$33,822	5383.5%	95.6%
64	\$443	\$25,105	5667.3%	95.6%
65	\$306	\$18,156	5933.8%	95.6%
66	\$207	\$12,680	6123.8%	95.6%
67	\$137	\$8,680	6327.0%	95.6%
68	\$89	\$5,803	6536.3%	95.6%
69	\$56	\$3,795	6763.5%	95.6%
70	\$35	\$2,445	7039.1%	95.6%
71	\$21	\$1,561	7372.3%	95.6%
72	\$13	\$996	7813.1%	95.6%
73	\$8	\$624	8247.5%	95.6%
74	\$4	\$383	8708.0%	95.6%
75	\$2	\$233	9524.1%	95.6%
76	\$1	\$138	10643.1%	95.6%
77	\$1	\$80	12068.0%	95.6%
78	\$0	\$45	13784.0%	95.6%
79	\$0	\$25	16679.3%	95.6%
80	\$0	\$15	24118.5%	95.6%
81	\$0	\$10	41743.3%	95.6%
82	\$0	\$7	82773.5%	95.6%
83	\$0	\$3	141501.4%	95.6%
84	\$0	\$2	333183.2%	95.6%
85	\$0	\$0	243611.7%	95.6%
86	\$0	\$0	1864447.0%	95.6%
87	\$0	\$0	37793954.3%	95.6%
88	\$0	\$0	0.0%	95.6%
89	\$0	\$0	0.0%	95.6%
90	\$0	\$0	0.0%	95.6%
91	\$0	\$0	0.0%	95.6%
92	\$0	\$0	0.0%	95.6%
93	\$0	\$0	0.0%	95.6%
94	\$0	\$0	0.0%	95.6%
95	\$0	\$0	0.0%	95.6%
96	\$0	\$0	0.0%	95.6%
97	\$0	\$0	0.0%	95.6%
Total Lifetime Anticipated	\$39,550,027	\$68,551,058	173.3%	95.6%

Attachment 4  
Allianz Life Insurance Company of North America  
Pennsylvania Actual Experience by Duration  
Policy Form Series: GP2  
As of 12/31/2022  
With 7% Average Rate Increase

Duration	Actual/Projected Experience			Cumulative Loss Ratio with 4.0% Interest
	Earned Premium	Incurred Claims	Incurred Loss Ratio	
1	\$1,532,071	\$0	0.0%	0.0%
2	\$1,474,132	\$0	0.0%	0.0%
3	\$1,431,035	\$0	0.0%	0.0%
4	\$1,366,080	\$528,219	38.7%	8.6%
5	\$1,351,546	\$74	0.0%	7.1%
6	\$1,298,028	\$4,359	0.3%	6.1%
7	\$1,245,756	\$0	0.0%	5.4%
8	\$1,214,877	\$240,022	19.8%	6.8%
9	\$1,254,040	\$933	0.1%	6.2%
10	\$1,291,135	\$995,685	77.1%	11.9%
11	\$1,334,259	\$228,316	17.1%	12.2%
12	\$1,348,605	\$170,514	12.6%	12.3%
13	\$1,334,169	\$1,126,376	84.4%	16.5%
14	\$1,086,960	\$999,778	92.0%	19.9%
15	\$1,145,271	\$1,387,488	121.1%	24.2%
16	\$1,139,764	\$554,411	48.6%	25.2%
17	\$1,410,897	\$756,280	53.6%	26.5%
18	\$1,389,345	\$857,786	61.7%	27.9%
19	\$1,341,931	\$966,499	72.0%	29.5%
20	\$1,287,686	\$1,097,219	85.2%	31.4%
21	\$1,231,496	\$1,240,917	100.8%	33.4%
22	\$1,173,468	\$1,396,345	119.0%	35.6%
23	\$1,113,811	\$1,563,829	140.4%	38.0%
24	\$1,052,621	\$1,744,488	165.7%	40.7%
25	\$990,163	\$1,926,285	194.5%	43.5%
26	\$926,710	\$2,099,742	226.6%	46.5%
27	\$862,697	\$2,257,014	261.6%	49.5%
28	\$798,531	\$2,396,001	300.1%	52.7%
29	\$734,750	\$2,509,562	341.6%	55.9%
30	\$671,857	\$2,595,248	386.3%	59.0%
31	\$610,379	\$2,649,102	434.0%	62.1%
32	\$550,744	\$2,674,831	485.7%	65.2%
33	\$493,527	\$2,674,575	541.9%	68.1%
34	\$439,142	\$2,649,818	603.4%	70.9%
35	\$387,996	\$2,592,667	668.2%	73.5%
36	\$340,273	\$2,505,964	736.5%	75.9%
37	\$296,169	\$2,393,424	808.1%	78.2%
38	\$255,821	\$2,262,184	884.3%	80.3%
39	\$219,286	\$2,115,603	964.8%	82.1%
40	\$186,560	\$1,964,343	1052.9%	83.8%
41	\$157,535	\$1,802,565	1144.2%	85.3%
42	\$132,022	\$1,635,419	1238.7%	86.6%
43	\$109,817	\$1,467,461	1336.3%	87.7%
44	\$90,675	\$1,304,735	1438.9%	88.7%
45	\$74,361	\$1,149,609	1546.0%	89.5%
46	\$60,568	\$1,003,670	1657.1%	90.2%
47	\$49,019	\$866,288	1767.2%	90.7%
48	\$39,416	\$741,819	1882.0%	91.2%
49	\$31,500	\$630,795	2002.6%	91.6%
50	\$25,029	\$534,946	2137.3%	91.9%
51	\$19,779	\$451,005	2280.2%	92.2%
52	\$15,544	\$378,459	2434.8%	92.4%
53	\$12,147	\$315,872	2600.5%	92.5%
54	\$9,434	\$261,910	2776.2%	92.7%
55	\$7,286	\$215,384	2956.0%	92.8%
56	\$5,595	\$175,967	3145.0%	92.9%
57	\$4,273	\$141,994	3323.3%	92.9%
58	\$3,242	\$114,020	3517.2%	93.0%
59	\$2,440	\$90,819	3722.5%	93.0%
60	\$1,820	\$71,829	3946.7%	93.0%
61	\$1,345	\$56,177	4176.4%	93.1%
62	\$983	\$43,517	4428.3%	93.1%
63	\$707	\$33,157	4687.3%	93.1%
64	\$500	\$24,603	4922.2%	93.1%
65	\$346	\$17,786	5142.7%	93.1%
66	\$234	\$12,417	5297.9%	93.1%
67	\$155	\$8,496	5466.1%	93.1%
68	\$101	\$5,677	5641.2%	93.1%
69	\$64	\$3,711	5833.3%	93.1%
70	\$39	\$2,390	6065.9%	93.1%
71	\$24	\$1,525	6346.4%	93.1%
72	\$14	\$973	6718.4%	93.1%
73	\$9	\$610	7083.4%	93.1%
74	\$5	\$373	7480.3%	93.1%
75	\$3	\$228	8197.8%	93.1%
76	\$1	\$134	9172.6%	93.1%
77	\$1	\$78	10414.7%	93.1%
78	\$0	\$44	11912.5%	93.1%
79	\$0	\$25	14443.4%	93.1%
80	\$0	\$15	20919.1%	93.1%
81	\$0	\$10	36268.2%	93.1%
82	\$0	\$7	72029.8%	93.1%
83	\$0	\$3	122514.7%	93.1%
84	\$0	\$2	287916.2%	93.1%
85	\$0	\$0	207260.7%	93.1%
86	\$0	\$0	1585827.1%	93.1%
87	\$0	\$0	32143693.5%	93.1%
88	\$0	\$0	0.0%	93.1%
89	\$0	\$0	0.0%	93.1%
90	\$0	\$0	0.0%	93.1%
91	\$0	\$0	0.0%	93.1%
92	\$0	\$0	0.0%	93.1%
93	\$0	\$0	0.0%	93.1%
94	\$0	\$0	0.0%	93.1%
95	\$0	\$0	0.0%	93.1%
96	\$0	\$0	0.0%	93.1%
97	\$0	\$0	0.0%	93.1%
Total Lifetime Anticipated	\$40,469,619	\$67,692,424	167.3%	93.1%

**Attachment 5**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**Current Pennsylvania Rate Basis**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$2,297,278	\$0	0.0%
2007	\$15,494,659	\$229,386	1.5%
2008	\$34,045,944	\$126,380	0.4%
2009	\$46,244,515	\$662,935	1.4%
2010	\$50,857,192	\$846,097	1.7%
2011	\$49,121,383	\$1,625,959	3.3%
2012	\$47,881,770	\$3,302,277	6.9%
2013	\$46,961,470	\$3,003,618	6.4%
2014	\$46,069,876	\$2,406,460	5.2%
2015	\$45,222,561	\$5,611,148	12.4%
2016	\$44,408,260	\$6,789,555	15.3%
2017	\$43,498,632	\$7,168,036	16.5%
2018	\$42,414,341	\$11,511,269	27.1%
2019	\$41,382,273	\$10,549,713	25.5%
2020	\$40,338,765	\$12,100,472	30.0%
2021	\$39,354,230	\$16,331,453	41.5%
2022	\$38,266,726	\$23,963,876	62.6%
2023	\$36,427,191	\$17,285,158	47.5%
2024	\$35,339,418	\$20,214,805	57.2%
2025	\$33,939,316	\$22,799,239	67.2%
2026	\$32,499,054	\$25,799,255	79.4%
2027	\$31,021,684	\$29,125,552	93.9%
2028	\$29,507,469	\$32,851,269	111.3%
2029	\$27,963,786	\$36,805,959	131.6%
2030	\$26,392,641	\$41,062,242	155.6%
2031	\$24,800,956	\$45,415,840	183.1%
2032	\$23,192,706	\$49,850,404	214.9%
2033	\$21,580,356	\$53,921,373	249.9%
2034	\$19,970,850	\$57,660,153	288.7%
2035	\$18,376,248	\$60,783,947	330.8%
2036	\$16,805,098	\$63,381,684	377.2%
2037	\$15,273,070	\$65,117,061	426.4%
2038	\$13,788,701	\$66,207,214	480.2%
2039	\$12,364,276	\$66,519,826	538.0%
2040	\$11,007,539	\$66,274,672	602.1%
2041	\$9,730,979	\$65,106,196	669.1%
2042	\$8,538,782	\$63,257,381	740.8%
2043	\$7,437,188	\$60,684,011	816.0%
2044	\$6,427,917	\$57,688,530	897.5%
2045	\$5,515,466	\$54,116,050	981.2%
2046	\$4,697,721	\$50,305,357	1070.8%
2047	\$3,972,909	\$46,257,710	1164.3%
2048	\$3,335,571	\$42,197,812	1265.1%
2049	\$2,781,796	\$38,000,112	1366.0%
2050	\$2,304,298	\$33,933,694	1472.6%
2051	\$1,896,847	\$30,015,593	1582.4%
2052	\$1,551,711	\$26,399,274	1701.3%
2053	\$1,262,711	\$22,979,987	1819.9%
2054	\$1,022,180	\$19,879,748	1944.8%
2055	\$823,676	\$17,089,830	2074.8%
2056	\$660,714	\$14,661,828	2219.1%
2057	\$528,112	\$12,487,235	2364.5%
2058	\$420,519	\$10,588,152	2517.9%
2059	\$333,683	\$8,918,690	2672.8%
2060	\$263,759	\$7,487,739	2838.9%
2061	\$207,821	\$6,246,968	3005.9%
2062	\$163,133	\$5,199,500	3187.3%
2063	\$127,583	\$4,306,627	3375.6%
2064	\$99,326	\$3,553,332	3577.5%
2065	\$77,005	\$2,909,426	3778.2%
2066	\$59,407	\$2,372,036	3992.8%
2067	\$45,611	\$1,921,352	4212.5%
2068	\$34,825	\$1,545,092	4436.7%
2069	\$26,453	\$1,226,976	4638.3%
2070	\$19,980	\$962,276	4816.3%
2071	\$15,016	\$745,271	4963.1%
2072	\$11,231	\$571,412	5087.8%
2073	\$8,374	\$433,566	5177.6%
2074	\$6,226	\$326,015	5236.5%
2075+	\$17,027	\$907,149	5327.8%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$931,685,902	\$124,534,414	13.4%
Projected Future (2023 +)	\$355,550,224	\$813,373,385	228.8%
Total Lifetime Anticipated	\$1,287,236,126	\$937,907,799	72.9%

**Attachment 6**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**  
**Original Rate Basis**

<u>Year</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
2006	\$1,480,109	\$0	0.0%
2007	\$9,961,639	\$229,386	2.3%
2008	\$21,889,338	\$126,380	0.6%
2009	\$29,753,489	\$662,935	2.2%
2010	\$32,733,527	\$846,097	2.6%
2011	\$31,614,887	\$1,625,959	5.1%
2012	\$30,817,925	\$3,302,277	10.7%
2013	\$30,225,351	\$3,003,618	9.9%
2014	\$29,650,304	\$2,406,460	8.1%
2015	\$29,104,645	\$5,611,148	19.3%
2016	\$28,580,004	\$6,789,555	23.8%
2017	\$27,993,217	\$7,168,036	25.6%
2018	\$27,293,553	\$11,511,269	42.2%
2019	\$26,626,597	\$10,549,713	39.6%
2020	\$25,953,200	\$12,100,472	46.6%
2021	\$25,318,551	\$16,331,453	64.5%
2022	\$24,616,276	\$23,963,876	97.3%
2023	\$23,430,872	\$17,285,158	73.8%
2024	\$22,728,170	\$20,214,805	88.9%
2025	\$21,824,696	\$22,799,239	104.5%
2026	\$20,895,476	\$25,799,255	123.5%
2027	\$19,942,507	\$29,125,552	146.0%
2028	\$18,965,989	\$32,851,269	173.2%
2029	\$17,970,705	\$36,805,959	204.8%
2030	\$16,957,969	\$41,062,242	242.1%
2031	\$15,932,257	\$45,415,840	285.1%
2032	\$14,896,141	\$49,850,404	334.7%
2033	\$13,857,667	\$53,921,373	389.1%
2034	\$12,821,321	\$57,660,153	449.7%
2035	\$11,794,879	\$60,783,947	515.3%
2036	\$10,783,851	\$63,381,684	587.7%
2037	\$9,798,316	\$65,117,061	664.6%
2038	\$8,843,759	\$66,207,214	748.6%
2039	\$7,928,064	\$66,519,826	839.0%
2040	\$7,056,189	\$66,274,672	939.2%
2041	\$6,236,131	\$65,106,196	1044.0%
2042	\$5,470,541	\$63,257,381	1156.3%
2043	\$4,763,388	\$60,684,011	1274.0%
2044	\$4,115,746	\$57,688,530	1401.7%
2045	\$3,530,458	\$54,116,050	1532.8%
2046	\$3,006,124	\$50,305,357	1673.4%
2047	\$2,541,553	\$46,257,710	1820.1%
2048	\$2,133,196	\$42,197,812	1978.1%
2049	\$1,778,507	\$38,000,112	2136.6%
2050	\$1,472,787	\$33,933,694	2304.0%
2051	\$1,212,016	\$30,015,593	2476.5%
2052	\$991,214	\$26,399,274	2663.3%
2053	\$806,397	\$22,979,987	2849.7%
2054	\$652,633	\$19,879,748	3046.1%
2055	\$525,781	\$17,089,830	3250.4%
2056	\$421,676	\$14,661,828	3477.0%
2057	\$336,992	\$12,487,235	3705.5%
2058	\$268,300	\$10,588,152	3946.4%
2059	\$212,874	\$8,918,690	4189.7%
2060	\$168,253	\$7,487,739	4450.3%
2061	\$132,564	\$6,246,968	4712.4%
2062	\$104,058	\$5,199,500	4996.7%
2063	\$81,384	\$4,306,627	5291.7%
2064	\$63,364	\$3,553,332	5607.8%
2065	\$49,130	\$2,909,426	5921.9%
2066	\$37,908	\$2,372,036	6257.3%
2067	\$29,110	\$1,921,352	6600.4%
2068	\$22,231	\$1,545,092	6950.2%
2069	\$16,891	\$1,226,976	7264.2%
2070	\$12,761	\$962,276	7541.0%
2071	\$9,593	\$745,271	7768.9%
2072	\$7,177	\$571,412	7962.1%
2073	\$5,352	\$433,566	8101.0%
2074	\$3,980	\$326,015	8191.7%
2075+	\$10,880	\$907,149	8337.7%

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Incurred Claims</u>	<u>Loss Ratio</u>
Historical (YE2022)	\$599,515,517	\$124,534,414	20.8%
Projected Future (2023 +)	\$228,409,186	\$813,373,385	356.1%
Total Lifetime Anticipated	\$827,924,704	\$937,907,799	113.3%

**Attachment 7**  
**Prospective Present Value Method Analysis**  
**Nationwide Projection - Active Lives**  
**Policy Form Series : GP2**

Cumulative Rate Level	55.3%
Pricing Loss Ratio	67.5%
MAE Percentage	10.0%
	67.5%
	85.0%

Variable	Not Recouping
PV of Future IC (Prior Filing Assumptions)	800,602,583
PV of Future IC (Current Assumptions)	872,998,593
PV of Future EP (Prior Filing Assumptions)	263,331,474
PV of Future EP (Current Assumptions)	282,909,558

<b>Change in PV of Future IC</b>	72,396,010
<b>Change in PV of Future EP</b>	19,578,084
<b>0.675 + 0.85C</b>	115%
<b>1 + C</b>	155%
<b>(0.675 + 0.85C) / (1 + C)</b>	74%
<b>.85 PV Future EP</b>	240,473,125

<b>Justified Rate Increase from Deterioration</b>	<b>24.1%</b>
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<b>Catch-up</b>	<b>16.6%</b>
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<b>accounting for prior 18.1% approval in 2021 =&gt;</b>	<b>21.7%</b>
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Calendar Year	Current Assumptions		2015 Assumptions	
	Earned Premium	Incurred Claims	Earned Premium	Incurred Claims
2023	28,465,010	16,564,367	28,355,064	17,855,412
2024	27,640,351	20,181,763	27,133,313	20,250,780
2025	26,616,590	23,353,334	25,880,986	22,826,439
2026	25,556,599	26,841,547	24,600,342	25,564,925
2027	24,462,339	30,604,160	23,292,853	28,433,420
2028	23,333,672	34,748,830	21,966,341	31,384,902
2029	22,175,772	39,118,192	20,631,069	34,381,037
2030	20,989,925	43,799,601	19,301,077	37,368,556
2031	19,781,181	48,585,006	17,987,896	40,276,672
2032	18,552,388	53,460,214	16,699,333	43,021,342
2033	17,313,045	57,951,846	15,440,882	45,516,769
2034	16,068,599	62,093,039	14,217,588	47,698,598
2035	14,828,588	65,575,254	13,030,847	49,509,447
2036	13,599,974	68,489,669	11,884,178	51,095,909
2037	12,395,422	70,469,187	10,782,195	52,855,887
2038	11,222,184	71,742,908	9,729,814	55,025,039
2039	10,090,614	72,166,629	8,732,525	57,534,389
2040	9,007,565	71,977,695	7,792,755	59,902,929
2041	7,983,763	70,775,862	6,913,328	61,731,725
2042	7,023,372	68,822,099	6,096,365	62,955,796
2043	6,132,240	66,069,444	5,342,789	63,532,785
2044	5,312,546	62,846,854	4,653,617	63,445,518
2045	4,568,700	58,984,039	4,027,727	62,692,572
2046	3,899,732	54,852,793	3,463,954	61,296,483
2047	3,304,850	50,457,366	2,960,147	59,305,096
2048	2,780,165	46,043,501	2,513,494	56,778,809
2049	2,322,988	41,474,416	2,120,738	53,805,305
2050	1,927,762	37,045,650	1,778,187	50,481,448
2051	1,589,715	32,776,577	1,481,840	46,906,159
2052	1,302,742	28,834,287	1,227,506	43,177,425
2053	1,061,951	25,104,783	1,010,938	39,386,477
2054	861,158	21,722,805	827,937	35,617,872
2055	695,148	18,677,751	674,447	31,946,929
2056	558,622	16,028,822	499,411	25,478,724
2057	447,338	13,656,059	293,915	15,762,475
2058	356,885	11,583,484	123,054	6,895,770
2059	283,751	9,760,312	2,684	146,409
2060	224,751	8,197,538	0	0
2061	177,456	6,842,437	0	0
2062+	610,356	29,609,550	0	0
Undiscounted				
Total	395,525,810	1,657,889,666	363,471,135	1,561,846,228
Discounted at a 4% Interest Rate				
Total	282,909,558	872,998,593	263,331,474	800,602,583

**Attachment 7**  
**Nationwide Experience Projections with Lost Premium Calculation**  
**Policy Form Series : GP2**

	Calendar Year	Premium at Original Rates	Assuming Prior Rate Increase Requests Fully Approved <sup>[1]</sup>	Assuming Actual Pennsylvania Rate Increases Approved <sup>[1]</sup>	Premium Lost Due to Partial Approval of Rate Increases
Historical Experience	2006	1,480,109	1,480,109	1,480,109	0
	2007	9,961,639	9,961,639	9,961,639	0
	2008	21,889,338	21,889,338	21,889,338	0
	2009	29,753,489	29,753,489	29,753,489	0
	2010	32,733,527	32,733,527	32,733,527	0
	2011	31,614,887	31,614,887	31,614,887	0
	2012	30,817,925	30,817,925	30,817,925	0
	2013	30,225,351	30,225,351	30,225,351	0
	2014	29,650,304	29,650,304	29,650,304	0
	2015	29,104,645	33,369,439	29,104,645	4,264,793
	2016	28,580,004	36,952,607	28,580,004	8,372,604
	2017	27,993,217	36,224,502	29,747,124	6,477,378
	2018	27,293,553	35,395,347	32,417,965	2,977,382
	2019	26,626,597	34,584,010	33,053,887	1,530,122
	2020	25,953,200	33,754,959	32,260,904	1,494,056
Projected Future Experience	2021	25,318,551	32,987,223	31,519,010	1,468,213
	2022	24,616,276	32,126,851	30,688,725	1,438,125
	2023	22,685,969	29,697,675	28,355,064	1,342,611
	2024	21,708,065	28,418,171	27,133,313	1,284,857
	2025	20,705,701	27,106,640	25,880,986	1,225,655
	2026	19,680,683	25,765,453	24,600,342	1,165,111
	2027	18,634,197	24,396,147	23,292,853	1,103,294
	2028	17,572,539	23,006,906	21,966,341	1,040,565
	2029	16,503,953	21,608,471	20,631,069	977,403
	2030	15,439,650	20,215,554	19,301,077	914,477
	2031	14,388,843	18,840,233	17,987,896	852,338
	2032	13,357,775	17,490,687	16,699,333	791,354
	2033	12,350,829	16,172,671	15,440,882	731,789
	2034	11,372,029	14,891,472	14,217,588	673,885
	2035	10,422,493	13,648,554	13,030,847	617,707
	2036	9,505,046	12,447,598	11,884,178	563,420
	2037	8,623,392	11,293,434	10,782,195	511,239
	2038	7,781,459	10,191,214	9,729,814	461,399
	2039	6,983,632	9,146,686	8,732,525	414,161
	2040	6,231,851	8,162,396	7,792,755	369,641
	2041	5,528,371	7,241,300	6,913,328	327,972
	2042	4,874,890	6,385,621	6,096,365	289,256
	2043	4,272,141	5,596,326	5,342,789	253,537
	2044	3,720,931	4,874,482	4,653,617	220,865
	2045	3,220,359	4,218,914	4,027,727	191,188
	2046	2,769,490	3,628,405	3,463,954	164,451
	2047	2,366,596	3,100,700	2,960,147	140,553
	2048	2,009,426	2,632,856	2,513,494	119,362
	2049	1,695,371	2,221,463	2,120,738	100,725
	2050	1,421,475	1,862,655	1,778,187	84,468
	2051	1,184,533	1,552,240	1,481,840	70,400
	2052	981,193	1,285,831	1,227,506	58,325
	2053	808,055	1,058,979	1,010,938	48,041
	2054	661,759	867,286	827,937	39,349
	2055	539,060	706,505	674,447	32,058
	2056	398,637	523,280	499,411	23,868
	2057	234,011	308,080	293,915	14,165
	2058	97,822	129,023	123,054	5,969
	2059	2,072	2,826	2,684	142
	2060	0	0	0	0
	2061+	0	0	0	0
Undiscounted					
Historical (YE2022)		433,612,612	493,521,507	465,498,834	28,022,673
Projected Future (2023 +)		290,734,298	380,696,734	363,471,135	17,225,599
Lifetime		724,346,910	874,218,241	828,969,969	45,248,272
Discounted at a 4% Interest Rate					
Historical (YE2022)		599,515,517	669,447,698	634,904,651	34,543,047
Projected Future (2023 +)		210,645,941	275,808,625	263,331,474	12,477,151
Lifetime		810,161,459	945,256,323	898,236,125	47,020,198
Lost Premium / Projected Future Premium (assuming actual Pennsylvania rate increases)					16.6%

<sup>[1]</sup> Only reflects the prior 2015 rate increase and not the 2021 rate increase



## Current Assumption Justification

Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297



The information provided in this exhibit is considered confidential.

Allianz regularly monitors experience of its long-term care policy forms. Morbidity and termination assumptions have been updated to reflect experience into 2022.

Allianz considered the period from Q2 2020 through year-end 2021 to be “COVID experience” and excluded this data from its assumption recommendations because we believe COVID experience is not indicative of long-term expectations. Our definition of “COVID experience” along with our decision to remove “COVID experience” is consistent with the approach of several carriers, making Allianz in line with the industry.

### **Morbidity Assumptions**

The morbidity assumption was determined based on claim incidence and claim continuance studies performed on actual experience into 2022. The experience was from all of Allianz’s long-term care policy forms, not just the policy forms included in this filing in order to increase credibility of the experience. The incidence study reflected 299,600 on claim exposure months and 27,570,000 months of exposure. The claim continuance study reflected over 285,000 beginning of month exposures. Allianz also performed its own utilization study which analyzed the over 12,800 claims. The morbidity rates were analyzed by gender, marital status, benefit period, elimination period, policy duration, and comprehensive or nursing home only. Other claim cost adjustments are also made to account for benefit increase riders, benefit salvage factors, elimination period, and continuing claim adjustments. These adjustments were made to claim cost based on actual internal experience and industry data.

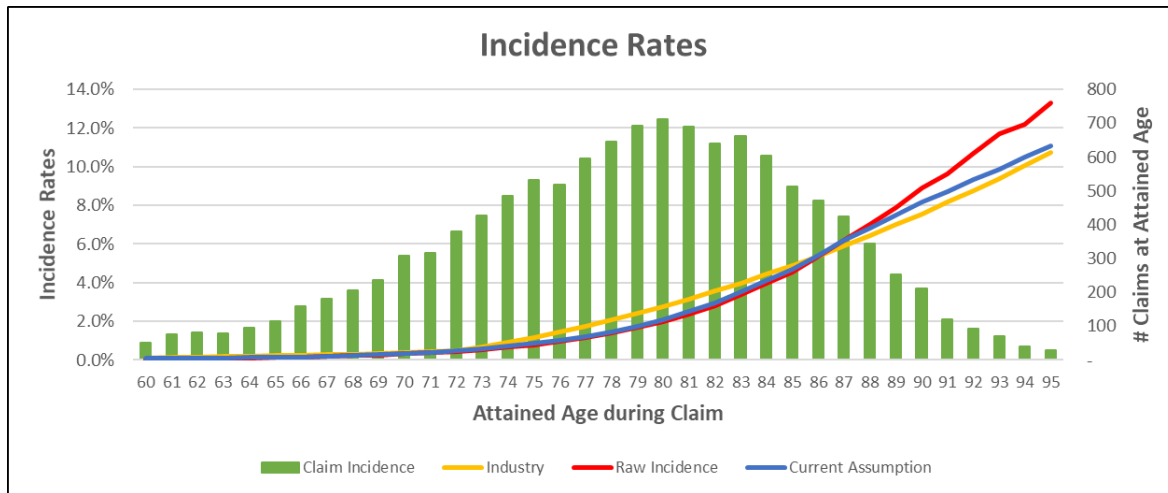
#### Cost Frequency (Claim Incidence Study):

The Incidence study did not include data into 2022 because delays in long term care claims reporting would lower incidence rates below our expectations. Incidence rates were calculated as the claim incidence / (exposure months – on claim exposure months). Incidence varies by attained age, marital status, gender, benefit period and elimination period. The incidence assumption is determined based on our actual experience for the attained ages where we have experience and then it is blended with industry experience where our experience is not fully credible. Incidence experience was smoothed by taking the 5 year average of our experience. A lack of credibility was defined as fewer than 1,000 claim incidences over the span of 5 years. Blending was proportional based on incidences. Aggregate incidence is fully credible through attained age 90.

The credibility formula is as follows:

$$\sqrt{\frac{N}{1000}} \times \text{Company Data} + \left(1 - \sqrt{\frac{N}{1000}}\right) \times \text{Industry Data}$$

## Current Assumption Justification



Industry rates are higher than our own experience in early years, and lower than our own experience in later years; this is likely due to Allianz having higher-than-industry underwriting standards.

During previous studies, the number of claims for attained ages 90+ was doubling as our younger block started entering into the later attained age ranges, which led to past increases in the incidence rate assumption. While we have continued to add more experience for the later attained ages, we have seen that the rate of claims increasing at those ages is lower than in previous studies.

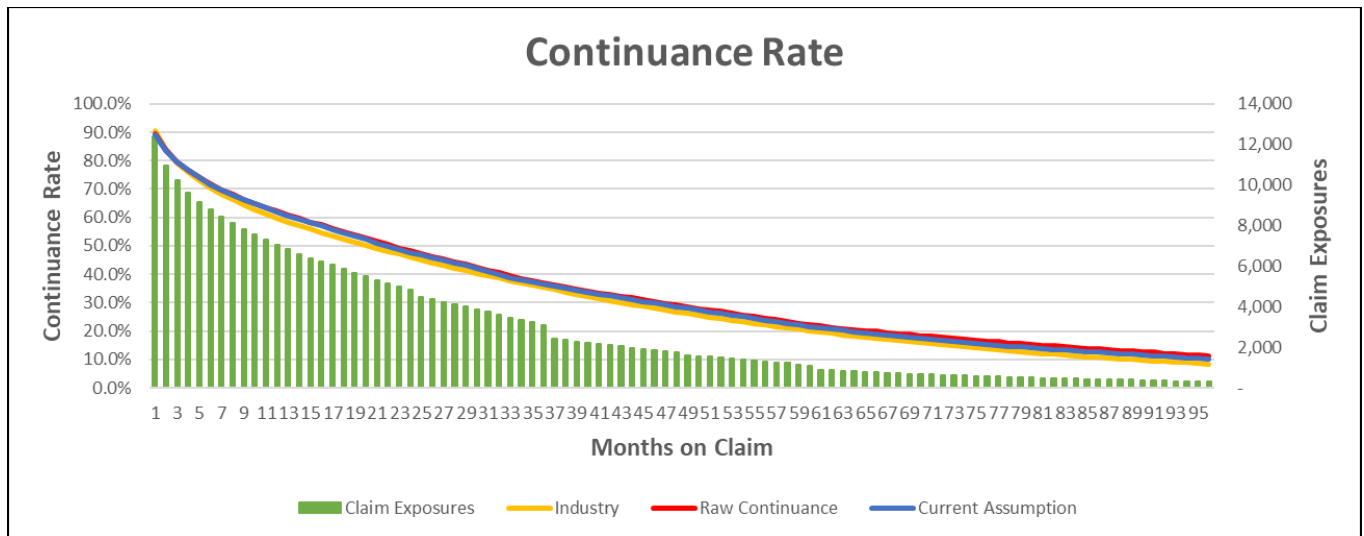
### Cost Severity (Claim Continuance Study):

The claims continuance study analyzed continuance rates by individual vs. married, comprehensive vs. facility only coverage, male vs. female, benefit periods > 5 years vs. ≤ 5 years, and elimination periods ≤ 90 days vs. > 90 days. These actual continuance rates were computed for 120 months.

Cumulative continuance rates were smoothed with industry data (provided by a consultant in 2022) where necessary to achieve credibility using the “square root method”. Similar to the incidence study, a threshold of 1,000 beginning of month exposures was used.

The average length of claim for Allianz blended rates is 2.71 years. Allianz continuance rates are higher than industry, possibly due to higher than average underwriting standards. The graph below shows how Allianz’s actual continuance experience compared to industry data along with our final continuance assumption.

## Current Assumption Justification



### Cost Severity (Utilization Study):

The utilization study analyzed utilization rates by COLA, benefit period, nursing home only vs comprehensive, and issue age groupings of 18-59, 60-69, 70-74 and 75-84. The first 22 durations of the assumption are based on Allianz experience blended with industry data where credibility is limited. The credibility standard used was 1,000 claims over a three year period to be fully credible since the utilization rates were smoothed over a three year period.

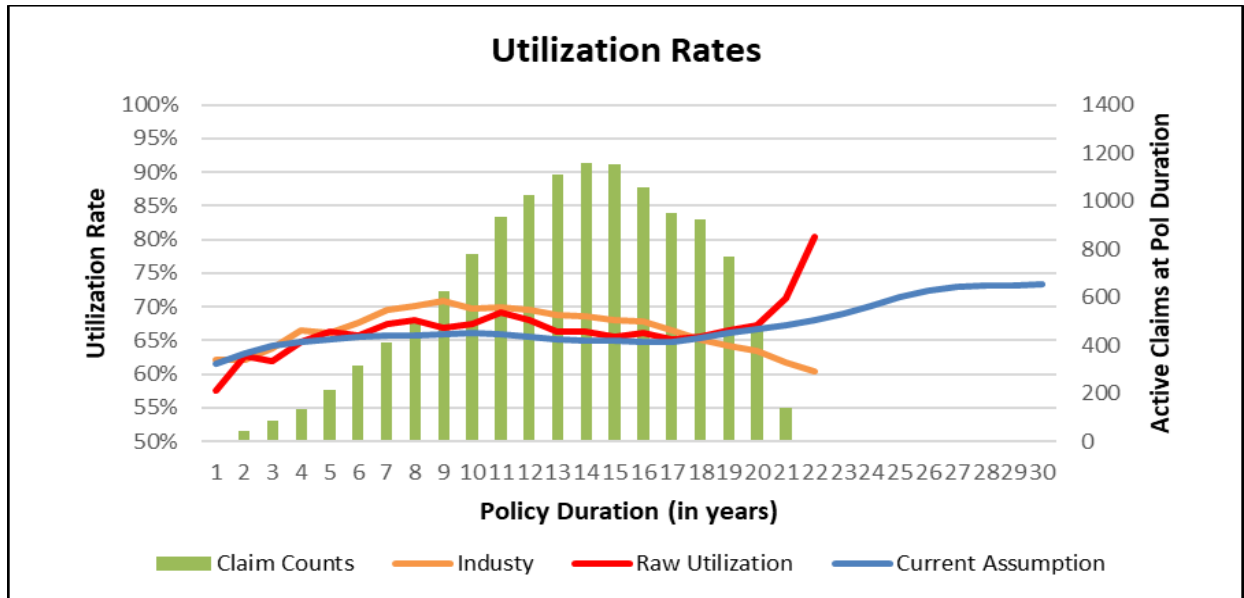
Later durations of the assumption were based on actuarial judgement. A component of that is an assumed ultimate cost of care inflation level, which makes policyholders use more of their available daily benefit since care is more expensive. The cost of care increase is offset fully or partially for policies with a COLA rider. We recommended keeping the cost of care inflation level at 4.5%. Recent industry studies did show cost of care increases above 4.5% across some sites of care. In total however, cost of care increases in the recent industry studies were at our below our 4.5% assumption. The cost of care assumption is for a long duration, and it is our best estimate that the long-term rate of cost of care increases will be 4.5% since it includes margin over our pre-COVID experience while acknowledging the current higher inflation environment.

In addition to the ultimate cost of care inflation, utilization rates were increased by 0.5% each year for policies with comprehensive coverage and 0.25% for home health only policies starting in duration 23 to account for people moving into more costly sites/forms of care. This reflects the expectation that as people age they may require more expensive care and thus use more of their benefits. This assumption was added based on actuarial judgement.

Utilization was capped at 85% for 5% COLA and at 90% for the other 5% COLA riders (simple, two times, two times plus) and 4% COLA and at 95% for 3% COLA to account for some level of days salvage (not receiving care everyday) and conservation of benefits. This means that policyholders are expected to save some of their benefits for later to reduce the risk of exhausting their benefits. Policyholders with these COLA riders are assumed to not use their entire benefit every day even in later durations to account for the possibility of needing benefits later. Utilization was not capped for non-COLA policies because the 4.5% cost of care inflation assumption is greater than the benefit inflation.

## Current Assumption Justification

The graph below shows claim exposures by policy duration, actual utilization experience, industry experience and our current utilization assumption based on industry blending and the projection assumptions described above.



## Current Assumption Justification

### Persistency Assumptions

The table below provides the company's lapse study results used in the creation of the assumptions of this filing. Experience from 2009 into 2020 was used in the termination study. Our data is not able to differentiate a lapse termination from a death termination thus a total termination value is provided. The current mortality assumption is the gender-distinct 2012 Individual Annuitant Mortality (2012 IAM). This assumption is developed based on feedback from our consultants and is consistent with industry practice.

The actual voluntary lapse values are developed based on actual terminations and the current mortality assumption. The actual voluntary lapse rates were used to develop the expected voluntary lapse rate assumptions. The experience provided in the table below is from Allianz's total business experience for the years included in the study in order to increase credibility.

#### Expected Death using Current Mortality Assumption (2012 IAM)

Duration	Actual Exposure	Actual Termination	Expected Death	Voluntary Lapse	Actual Voluntary Lapse Rate	Expected Voluntary Lapse Rate	Expected Termination	A/E Termination
1	8,357	326	48	278	3.3%	5.9%	544	59.9%
2	15,380	1,011	95	916	6.0%	4.3%	752	134.4%
3	24,702	721	166	555	2.2%	2.6%	798	90.3%
4	36,338	853	266	587	1.6%	1.9%	958	89.0%
5	46,904	910	383	527	1.1%	1.5%	1,077	84.5%
6	54,681	1,033	507	526	1.0%	1.1%	1,115	92.7%
7	58,254	943	603	340	0.6%	0.8%	1,073	87.9%
8	61,247	1,243	697	546	0.9%	0.7%	1,150	108.1%
9	62,878	1,395	785	610	1.0%	0.8%	1,257	111.0%
10	63,674	1,554	872	682	1.1%	0.8%	1,354	114.8%
11	63,548	1,598	952	646	1.0%	0.8%	1,435	111.4%
12	59,906	1,431	987	444	0.7%	0.8%	1,444	99.1%
13	54,749	1,343	998	345	0.6%	0.8%	1,417	94.8%
14	47,334	1,421	960	461	1.0%	0.8%	1,327	107.1%
15	37,530	1,136	854	282	0.8%	0.8%	1,151	98.7%
16	27,088	875	707	168	0.6%	0.8%	931	94.0%
17	17,799	661	529	132	0.7%	0.9%	685	96.5%
18	12,672	517	413	104	0.8%	0.9%	529	97.7%
19	8,897	449	322	127	1.4%	0.9%	405	111.0%
20+	13,941	966	731	235	1.7%	0.9%	863	112.0%
<b>TOTAL</b>	<b>775,879</b>	<b>20,386</b>	<b>11,875</b>	<b>8,511</b>	<b>1.1%</b>	<b>1.1%</b>	<b>20,265</b>	<b>100.6%</b>

The actual terminations in the study are slightly overstated for durations 8+ in this analysis due to terminations caused by a rate increase. Experience has shown that lapse rates are around 1% higher following a rate increase. The shock lapse is reflected in the projections used in this filing. Additional lapses caused by exhaustion of benefits are also modeled using claim incidence, continuance, and utilization rates.

**Exhibit 8**  
**Allianz Life Insurance Company of North America**  
**Comparison of Assumptions**  
**Policy Form 11-P-Q, et al.**

	Original Pricing Assumption	Current Best Estimate Assumption
Original Loss Ratio	67.5%	N/A
Mortality	1994 Group Annuity Reserving Table, with select factors of .5, .6, .7, .8, .9, 1.0 (years 6+)	The projected future experience uses the gender-distinct 2012 IAM table for mortality without any future improvement.
Lapse	See table on next page	<p>The Company's own experience was used for this study. The experience is determined to be credible. See table on subsequent page</p> <p>Additional lapses caused by exhaustion of benefits are also modeled using claim incidence, continuance, and utilization rates. A 1% shock lapse is assumed for policies that receive the requested rate increase.</p>
Morbidity	<p>Claim costs were developed using Milliman, USA's 2002 edition of their Long Term Care Guidelines (Guidelines). The Guidelines were developed from public sources as well as an internal database of \$1.8 billion of Long Term Care insurance claims. Milliman then created and validated the morbidity adjustment factors using their Long Term Care insurance claim data base. Allianz then made some additional adjustments to ensure consistency with several additional sources of claim costs, including the 1997 National Nursing Home Study, and two long term care reinsurers.</p>	<p>Attained age claim costs and Waiver of Premium benefits used in projecting future experience for this form have been developed utilizing Company-specific policy experience enhanced with other industry data as needed. Claim costs vary by joint policy status (joint vs. single), gender and various level of home health care with adjustments for elimination periods, benefit periods, and riders.</p> <p>Claim costs are developed from first principle using company-specific historical claim experience. Allianz incidence rates are typically credible up to age 90. Allianz data was then graded towards industry data for ages 90 and above, ultimately equating with industry experience by age 100. Continuance and utilization rates from Allianz claim data were blended with industry data when experience lacked credibility (fewer than 1,000 beginning of month claim exposures). Allianz experience was generally in line with industry data.</p> <p>Future claim costs are projected on a seriatim basis for each policyholder. These claim costs are adjusted according to each policy's benefit designs, such as COLA option, elimination periods and benefit periods.</p> <p>Underwriting, claim management and product design were taken into consideration when setting the assumptions. Allianz historical experience includes the positive impact of underwriting selection. No scalar increases to the claim cost assumption are made within these projections to reflect future wear off from underwriting selection.</p>
Interest	4.0%	4.0%
Expense	Original Pricing Loss Ratio does not include expenses. Expenses are used to calculate the company's profit margin.	Changes in expense are not used to justify the rate increase and are not included in this analysis. It is assumed that original expense assumptions are still appropriate.

**Exhibit 8**  
**Allianz Life Insurance Company of North America**  
**Comparison of Assumptions**  
**Original Pricing Lapse Rates**  
**Policy Form 11-P-Q, et al.**

Individual Policies

Duration	No COLA	5% Compound COLA	Other COLA
1	7.00%	5.00%	6.00%
2	6.00%	4.00%	5.00%
3	5.00%	3.00%	4.00%
4	3.50%	2.00%	2.75%
5+	2.25%	1.25%	1.75%

With Spousal Discount Rider

Duration	No COLA	5% Compound COLA	Other COLA
1	6.00%	3.00%	4.50%
2	4.00%	2.00%	3.00%
3	3.00%	1.50%	2.25%
4	2.50%	1.00%	1.75%
5+	2.00%	1.00%	1.50%

Individual Policies with 10-Year Premium Payment Rider

Duration	No COLA	5% Compound COLA	Other COLA
1	7.00%	5.00%	6.00%
2	6.00%	4.00%	5.00%
3	5.00%	3.00%	4.00%
4	3.50%	2.00%	2.75%
5	2.25%	1.25%	1.75%
6	1.80%	1.00%	1.40%
7	1.35%	0.75%	1.05%
8	0.90%	0.50%	0.70%
9	0.45%	0.25%	0.35%
10+	0.00%	0.00%	0.00%

With Spousal Discount Rider and 10-Year Premium Payment Rider

Duration	No COLA	5% Compound COLA	Other COLA
1	6.00%	3.00%	4.50%
2	4.00%	2.00%	3.00%
3	3.00%	1.50%	2.25%
4	2.50%	1.00%	1.75%
5	2.00%	1.00%	1.50%
6	1.60%	0.80%	1.20%
7	1.20%	0.60%	0.90%
8	0.80%	0.40%	0.60%
9	0.40%	0.20%	0.30%
10+	0.00%	0.00%	0.00%

**Exhibit 8**  
**Allianz Life Insurance Company of North America**  
**Comparison of Assumptions**  
**Current Assumption Voluntary Lapse Rates**  
**Policy Form 11-P-Q, et al.**

Duration	Individual		Married	
	Non-COLA	COLA	Non-COLA	COLA
1	9.50%	7.00%	7.70%	3.50%
2	6.80%	4.50%	5.80%	2.50%
3	4.00%	2.20%	3.80%	1.50%
4	3.00%	1.50%	2.80%	1.25%
5	2.30%	1.30%	1.00%	0.50%
6	1.60%	0.90%	1.00%	0.50%
7+	1.40%	0.75%	1.00%	0.40%

Allianz Life Insurance Company  
of North America  
[PO Box 59060  
Minneapolis, MN 55459-0060  
800.789.6896]



[Date]

[Owner First Name] [Owner Last Name]  
[Co-Owner First Name] [Co-Owner Last Name]  
[Owner Address L1]  
[Owner Address L2]  
[Owner City], [Owner State] [Owner Zip] [Owner Zip Rest]

[Policy Number]

**Important notice of increase in your long term care insurance premium with time-sensitive options**

Dear [Owner First Name] [Owner Last Name] [and] [Co-Owner First Name] [Co-Owner Last Name],

We are writing to inform you of an upcoming [Overall Increase%] premium increase for our long term care (LTC) policies, which will impact your current policy with our company.

**Your premium increase**

**Based on your current benefits, the premium rate increase will raise your current premium of [Billed Premium] [Bill Mode] to [adj'd billing1] [Bill Mode], effective with your first premium due date on or after [anniversary1].\***

We understand that this premium increase may significantly impact you. If you prefer to maintain your current benefit amounts by paying the increased premium amount, no action is needed. **[For information on your current benefits, please see the enclosed Benefit Summary.]** We're also offering the flexibility to choose among the following options that may reduce the impact of your rate increase:

- [[A.] Reduce the [Benefit Period/Maximum Lifetime Benefit] on your policy.]
- [[B.] Remove the [Benefit Increase Rider], also known as the Inflation Protection Rider.]
- [C.] Reduce the [Daily/Monthly] Benefit Amount on your policy.
- [D.] In connection with this rate increase, we are offering a paid-up option with the Premium Increase Contingent Benefit Upon Lapse Rider at no charge.
- [[E.] Because you have an active Non-Forfeiture Rider or Return of Premium Rider on your policy, you may exercise the benefits under that rider.]
- [F.] Reduce other Benefits or optional Riders.

[By selecting one or more of the above options, you may experience a considerable change to the coverage provided by your policy. To help you make the right decision for your situation, we encourage you to research the average cost of care in your area by visiting [[www.whatcarecosts.com/Allianz](http://www.whatcarecosts.com/Allianz)] (enter sponsor code [XYZ] in the upper-right corner of the page).]



You may have other options to reduce your benefits than those listed above, including combinations of these options. Please be aware that the options may not be of equal value and some have time limitations. If you want to choose any of these options, please review and complete the enclosed **Coverage Change Request Form**. Additional details on the premium rate increase and these options can be found in the **Frequently Asked Questions below**.

[Some options result in a loss of the partnership status of your policy, which may reduce policyholder protections. For more details on these options and partnership eligibility, please see Questions [6] and [7] in the attached FAQs.]

### **We are here to help**

Contact your financial professional **or our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time]**. They can provide details about your options, assist with the Coverage Change Request Form, or help determine how changes to your LTC insurance coverage will impact your benefits and premium payments.

Thank you for your business.

Sincerely,

[



Kumar Das Gupta  
Senior Vice President, Enterprise Operations]

NOTE: This letter is not a bill. Please retain a copy of this letter with your policy for future reference.

Enclosed: [Benefit Summary]  
Coverage Change Request Form  
Policy Endorsement  
Premium Increase Contingent Benefit Upon Lapse Rider Schedule  
Premium Increase Contingent Benefit Upon Lapse Rider

[cc:] [Agent First Name] [Agent Middle Name] [Agent Last Name]

\*Recent changes to your policy may not be reflected in the premium rate above. For up-to-date information about your current premium and benefit levels, you can request a current policy schedule from Allianz by contacting us at [800.789.6896]. Premium rates could change again in the future.

Guarantees are backed by the financial strength of Allianz Life Insurance Company of North America.  
Products are issued by Allianz Life Insurance Company of North America, 5701 Golden Hills Drive, Minneapolis, MN 55416-1297.  
800.789.6896

## **Frequently asked questions**

### **[1.] Why are rates increasing?**

When Allianz designed its LTC insurance products several years ago, we based your initial premium on actuarial assumptions, which used the best information available to us at that time. Since then, we've continually monitored our LTC policies to compare those initial projections against our actual claim experience. During a recent review we determined that, due to a combination of factors outlined below, we need to increase the premium rates on our LTC policies.

We realize the rate increase is difficult for our policyholders, and assure you that we considered all of our options very carefully before increasing your premium. We also want to reassure you that this premium increase applies to all policies in your policy class (i.e., all policies that are similar to your policy) and are not increasing due to a change in your age, health status, or claim activity.

### **[2.] How was the rate increase amount determined?**

LTC insurance rates are affected by many complex factors, including the rising cost of health care, the number of people who continue coverage, how many policyholders collect benefits, and for how long. Policyholders are using more benefits than our actuaries anticipated when they originally priced our LTC policies. Based on our experience – and new expectations – we need to adjust premiums to ensure adequate funding to pay current and anticipated future claims.

### **[3.] When does the rate increase take effect?**

Your rate increase will become effective on your anniversary date of [Anniversary 1], or on your next premium due date after [Anniversary 1] if your premium due date is not aligned to your anniversary.

**If your premium is not due on the anniversary**, you must continue paying your current premium until your next premium due date after your anniversary. If you elect to make changes to your coverage to reduce your premium, these coverage changes will become effective on the next premium due date after your anniversary. Please note: If you change your premium billing frequency in the interim, your rate increase will become effective with the next premium due date on or after the change.

### **[4.] Did my state review my rate increase?**

Once we determine that a proposed premium rate increase is necessary, we submit the information along with supporting data through a review process with your state's insurance regulators. The submission includes an actuarial justification discussing the reasonableness of the relationship between premiums charged and expected benefit payments. The state provides an independent perspective that is crucial in establishing an increase amount that balances the needs of our policyholders and our company.

### **[[5.] What is the cost of Long Term Care (LTC) services?**

We understand that making a change on your policy may impact the amount of coverage your policy provides. To help you make the right decision for your situation, we are providing information on average LTC costs in your area and across the country. To get started, visit [\[www.whatcarecosts.com/Allianz\]](http://www.whatcarecosts.com/Allianz) and enter sponsor code **[XYZ]** in the upper-right corner of the page.

The website allows you to compare average costs of Skill Nursing Homes, Home Health Care, and Assisted Living Facilities at the national, state, and local level. Average costs are based on surveys of thousands of providers at the national, state, and metropolitan statistical area level, however, the final

cost of individual providers may differ. If you have any difficulties accessing the website, please contact us at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].

[For details on your current benefits and coverage amounts, please see the attached **Benefit Summary.**]

## **[6.] What are my options?**

You may maintain your current benefit amounts by paying the increased premium. As long as you continue paying full premiums, your policy will remain in effect and unchanged.

However, to help ease the impact of this rate increase, we're offering you several options that may reduce the impact of the premium rate increase. The options may not be of equal value and some have time limitations. Please see the enclosed Coverage Change Request Form for more details on the coverage changes:

- [[A.] **Reduce Your [Benefit Period/Maximum Lifetime Benefit]:** Reducing the [Benefit Period/Maximum Lifetime Benefit] will reduce the maximum length of time the policy will pay benefits and the total amount of benefits payable.]
- [[B.] **Remove the [COLA/Inflation Protection Rider]:** If choosing to terminate the [COLA Rider], you will keep the Rider's accrued benefits as of the rate increase effective date and your Daily Benefit will no longer increase by [COLA %] at each Policy Anniversary. **[Please note: As described in the attached endorsement, this offer is only available if we receive written notice requesting the change before [COLA Vesting Date]. If you choose to cancel your [COLA Rider] after [COLA Vesting Date] you will forfeit all accrued benefit increase percentages.]**
- [C.] **Reduce Your [Daily/Monthly] Benefit Amount:** Reducing your [Daily/Monthly] Benefit may also reduce Lifetime Benefit amounts available to you.
- [D.] **Exercise the Premium Increase Contingent Benefit Upon Lapse Rider:** In connection with this rate increase, we are offering a paid-up option with the Premium Increase Contingent Benefit Upon Lapse Rider at no charge. If you elect this option, you would no longer pay premiums, and your lifetime benefit amount is typically reduced to the total of premiums you have paid. **If you wish to exercise the Premium Increase Contingent Upon Lapse Rider, we must receive your request prior to [Latest Election Date].**  
**Please note:** As this paid-up option starts on the effective date of the premium increase, you must continue coverage to that date by paying the required premiums. No additional premium will be due after that date.
- [[E.] **Exercise the Non-Forfeiture Rider or Return of Premium Rider on your policy:** Under these riders, you would no longer pay premiums, and your lifetime benefit amount is typically reduced to the total of premiums you have paid. There is no time limit in which you must elect this option. Please refer to the specific rider attached to your policy for additional details regarding the rider terms.]
- [F.] **Reduce Other Benefits or Optional Riders:** You may have other options to lessen the impact of this premium rate increase.

[For details on your current benefits and coverage amounts, please see the attached **Benefit Summary.**]

## **[[7.] My policy has a disclosure that shows it qualifies for the Long Term Care Insurance Partnership program in my state. Will any changes I make to my coverage affect the partnership status of my policy?**

Qualification under a state partnership program enables people who purchase certain long term care insurance policies to have more of their assets protected if they later need to have the state pay for their long term care. Cancellation of a policy's Benefit Increase Rider or exchange to a similar rider with a lower annual benefit increase may result in a loss of partnership status. **Before you make any changes, we strongly encourage you to contact one of our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].**

**[8.] How much time do I have to make a decision?**

Some of the options available to you are time-sensitive. Critical dates are listed in Question [6] above. We would advise that you make a decision prior to your upcoming policy anniversary on [Anniversary1].

**[9.] Could my premium rates change again in the future?**

It is possible there will be additional rate increases in the future. [However, as part of this increase, the attached Policy Endorsement guarantees that we will not change rates again for [rate guarantee period years] years from [Anniversary 1].] An increase will only occur [after this guaranteed period] if we can demonstrate additional premium amounts are needed to sustain LTC policies. The increase would then need to be filed with state insurance regulators for review.

**[10.] I've never filed a claim. Why am I getting a rate increase?**

This premium increase applies to classes of our LTC policies in aggregate, and does not in any way reflect an individual policyholder's age, health status, or claim activity.

**[11.] I am currently on claim. Am I affected by this rate increase?**

If you are currently in claim status and not paying premiums because of a Waiver of Premium provision in your policy, you do not need to pay the increased premium yet. Once you are no longer in claim status and premiums are due, you will need to pay the increased premium to maintain your coverage. If your policy does not provide for a Waiver of Premium benefit, you will be required to pay the increased premium.

**[[12.] What if my policy becomes fully paid-up?**

The increase will impact only the remaining premiums. Once the policy is fully paid-up, the policyholder has no further premium obligations.]

**[13.] What if I use Electronic Funds Transfer (EFT) or an automatic bill pay service to pay my premium?**

- **If you pay your premiums with an EFT** from your bank account and your draft is scheduled to occur prior to your upcoming anniversary for the premiums due on or after your anniversary, we'll apply the increased premium to that scheduled draft unless you have requested otherwise. **If you are making a change to your policy, please send us the Coverage Change Request Form at least two weeks before your policy anniversary to allow for mailing and processing time or the scheduled draft with the increased amount may occur.**
  - To remove your premium payment from EFT and change to direct bill, call us at [800.789.6896.]
  - If you choose a Reduced Paid Up Option, no further premium payments will be due after your anniversary date, and the EFT draft will be discontinued at that time.
- **If you pay your premiums using automatic bill pay services**, please update your account for your new payment amount. If you do not update the amount with your account and we do not receive the full premium amount, your policy could lapse.

**[[14.] What if my spouse or joint insured and I have Shared Care Riders on our policies?**

Your policy and your spouse or joint insured's policy must be identical. If you make changes to your policy, your spouse or joint insured must also elect to make the same changes on their policy. Please note: If you have different policy anniversaries, you and your spouse or joint insured may receive notification of this rate increase at different times. If your spouse or joint insured did not receive a notification letter, they can call to get premium increase information on their policy.]

**[15.] If I wish to cancel my policy, what steps do I take?**

We encourage you to keep this important coverage. There may be options available for you to reduce your benefits in order to keep your premium at approximately the same amount as before the premium increase. You may also be able to exercise an option which would provide a paid-up policy with a shortened benefit period. We encourage you to consult with your family, your insurance agent, or financial advisor before making a decision to reduce or cancel your coverage. If you choose to cancel your policy, we will do so upon receipt of your signed and dated request.

**[16.] Whom can I contact with questions?**

**Before you make any changes, we strongly encourage you to review all of the enclosed forms and to contact your financial professional or one of our customer service representatives at [800.789.6896, weekdays from 8:00 a.m. to 5:00 p.m. Central time].** They can provide you with details about your options, and help you determine how changes to your LTC insurance coverage will impact your benefits and premium payments. You can also contact us or your Allianz agent for help with the Coverage Change Request Form. We value the trust you've placed in us, and we're here to help.

Allianz Life Insurance Company of North America  
5701 Golden Hills Drive  
Minneapolis, MN 55416-1297



Re: LTC Rate Increase 2023 – GP2  
SERFF Tracking Number: ALLB-133605409

Pennsylvania Insurance Department

July 21, 2023

Dear Sean Carmody,

Allianz would first like to thank the Department for reviewing our filing. We have the following responses for the objection letter dated April 12, 2023. We have included the original objection in bold and our response below for your convenience.

1. ***Please provide an Excel spreadsheet that incorporates the three calendar-year column vectors of earned premium requested below:***
  - a) ***Provide the historical (from inception) and projected nationwide earned premium that will be collected at the original rate level. In terms of the 58%/85% Method, this would be the premium column vector that would be subject to a .58 factor. Please provide this – and all other data in this question - as a non-interest rate discounted column vector.***
  - b) ***Provide the historical (from the date of the first premium increase) and projected nationwide earned premium that will be collected at a “higher than original” rate level. In terms of the 58%/85% Method, this would be the premium column vector that would be subject to a .85 factor. This vector should not include premium generated from the current requested increase.***
  - c) ***Provide the projected nationwide calendar-year earned premium (from the effective date of the current proposed increase) that will be collected at a “higher than original” rate level due to the current proposed rate increase. Again, in terms of the 58%/85% Method, this would be subject to a .85 factor. Please ensure that the projected premium provided in this vector is not also included in the vector requested in Item (b) above.***
  - d) ***Provide a column vector of the historical (from inception) and projected nationwide incurred claims on a calendar year basis.***
  - e) ***Please ensure that the data provided is consistent with any post-rate stability loss ratio demonstrations in the actuarial memo.***
  - f) ***Please provide the interest rate (or calendar-year interest rate vector) used to determine the accumulated and present values found in the post-rate stability loss ratio demonstrations in the actuarial memo.***

Attachment 1 to this letter provides the historical and projected nationwide earned premiums at a) the original rate level from inception, b) additional premium earned from prior rate increases, and c) additional premium earned after the proposed rate increase. The earned premiums reflect calendar-year non-interest adjusted values. Also included in Attachment 1 is d) the historical and projected incurred claims from inception after the proposed rate increase and f) the discount factor for each calendar year at a 4.0% interest rate. All data is consistent with post-rate stability loss ratio demonstrations in the actuarial memorandum (i.e., Exhibit 7). Attachment 1 is being provided in Excel, as requested.

2. ***The actuarial memo states the following: “Recent experience studies performed show that experience is more unfavorable than previously assumed which resulted in assumptions being updated and has led to the Company requesting a rate increase on this product.”***

***Please discuss further the adverse morbidity and persistency experience that resulted in the need for the current rate increase. In particular, discuss re-pricing assumptions that have changed from the last***

*increase approved nationwide, discuss any changes due to internal experience studies, and discuss any changes due to updated consultant data.*

The Company updated its morbidity assumptions since the prior filing based on internal and industry data through 2022. The Company lowered its utilization and continuance assumptions and increased its incidence assumption. Exhibit 2 of the initial submission actuarial memorandum provides additional information on the Company's morbidity assumption updates since the prior filing.

Additionally, the Company decreased its reduced benefit election assumptions since the 2021 filing. Table 1 below provides a comparison of the reduced benefit election assumption between the 2021 and current filing.

**Table 1**  
**Change in Policyholder Behavior Assumptions by Filing Year**

<b>Filing Year</b>	<b>Reduced Benefit Elections (by Benefit Period)</b>		
	Lifetime to 5-Year	Lifetime to 3-Year	5-Year to 3-Year
2021	12%	4%	6%
2023	7%	6%	5%

The net effect was a slight decrease in projected loss ratios as shown in Table 2 below. The current request, however, continues to be justified with the updated assumptions.

**Table 2**  
**Lifetime Loss Ratio by Filing Year**

<b>Filing Year</b>	<b>Lifetime Loss Ratio</b>
2021	100.0%
2023	98.3%

**3. *Has Covid 19 been factored into your projections?***

We did see fewer claims during 2020 and higher claim terminations, but since then our new claims have gotten closer to historical levels. We are continuing to monitor our experience and industry experience but do not anticipate experience during COVID-19 to be indicative of long-term trends.

**4. *Please provide a seriatim listing of the affected policies in this block in Excel. Each record within the worksheet must contain the policy's unique identification number, form number, issue age, issue date, inflation status indicator, benefit period, current annual premium, and requested premium increase in each year of the proposed implementation period.***

*The Department has the following premium increase guidelines: (i) the annual increase on any policyholder should be limited to 30%, (ii) the staging period of the increase should be limited to no more than four years, and (iii) the aggregate increase (weighted upon the current premium column vector in the Excel seriatim policy listing) must be under 100%.*

The requested rate increase is below 30% for each benefit period split. As such, the Company does not plan to phase-in the rate increase over multiple years. The Company plans to implement the rate increase as shown in Table 3.

**Table 3**  
**Proposed Rate Increase Implementation**

<b>Benefit Period</b>	<b>Proposed Rate Increase</b>
2 – 4 Years	0.0%
5 – 8 Years	5.0%
Lifetime	25.0%

Attachment 2 to this response provides a seriatim listing of Pennsylvania policyholders, including a unique policy identification number, effective date, issue age, attained age, product name, form number, benefit period, inflation status, current annual premium and proposed annual premium after the rate increase outlined above.

5. *The past loss ratio is extremely low in relation to the future loss ratio. Could you provide some added perspective as to why the two loss ratio figures differ so greatly?*

Our general expectation of LTC products is that claims will be lower in early durations (when policyholders are younger and less likely to need LTC benefits) and increase over time (when policyholders are older and more likely to need benefits). This block is younger compared to our other LTC products, so we should expect lower historical claims compared to future claims, causing our historical loss ratios to be lower than the future loss ratios. Lifetime loss ratios and projections are used to determine compliance with regulatory requirements (e.g., the 58/85 Test), which demonstrates our requested increase is justified.

6. *The Filing Description in the General Information tab in SERFF seems to be describing the Generation Protector (GPR, 10-P-Q) form, please revise.*

The Filing Description in the General Information tab in SERFF has been updated to reflect GP2 information.

7. *In PA, Allianz requested a 0% increase for benefit periods of 2 – 4 years, a 5% increase for benefit periods of 5 – 8 years, and a 25% increase for lifetime benefit periods on the 11-P-Q block. Did Allianz seek the same increase in all states?*

The requested rate level is comprised of the remainder of the 2021 requests in Pennsylvania for each benefit period that was not approved, and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The 2021 initial request in Pennsylvania was in line with our request nationwide on this policy form.

8. *Exhibit 5 shows the nationwide increase with a 7% increase. Is 7% the weighted average nationwide increase requested?*

Exhibit 5 reflects nationwide experience restated to the Pennsylvania rate level and the Pennsylvania-specific request. The requested increase averages 7% when weighted on both Pennsylvania-specific and nationwide distributions of benefit periods.

9. *Please provide the annualized premium for the 206 PA policies with benefit periods of 2 – 4 years.*  
 10. *Please provide the annualized premium for the 220 PA policies with benefit periods of 5 – 8 years.*  
 11. *Please provide the annualized premium for the 68 PA policies with lifetime benefit periods.*

Table 4 below provides the number of policies and annualized premium for each of the benefit period splits.

**Table 4**  
**Number of Policies and Annualized Premium**

Benefit Period	Number of Policies	Annualized Premium
2 – 4 Years	206	\$511,324
5 – 8 Years	220	\$620,959
Lifetime	68	\$231,393
Total	494	\$1,363,677

12. *The Department has recently become concerned that companies are asking for very different increases on subsections of LTC blocks. Allianz is asking for 0% on the [206] PA policies with 2 - 4 Year BPs, 5%*



*on the [220] PA policies with 5 - 8 Year BPs, and 25% on the [68] PA policies with lifetime benefit periods. Please provide justification as to why the requested increases between segments vary so greatly.*

The loss ratios in section 18 of the Act Memo and in Table 5 below demonstrate that larger benefit periods are in need of higher rate increases in order to get to more adequate levels. The requested increases are lower than we could actuarially justify to balance the impact to policyholders.

**Table 5**  
**Before and After Increase Lifetime Loss Ratios**

<b>Benefit Period</b>	<b>Before Increase</b>	<b>After Increase</b>
<b>Pennsylvania</b>		
2-4 Years	83.7%	83.7%
5-8 Years	103.7%	101.3%
Lifetime	108.9%	99.2%
All	96.7%	94.1%
<b>Nationwide</b>		
2-4 Years	82.9%	82.9%
5-8 Years	102.0%	99.5%
Lifetime	104.3%	95.5%
All	95.6%	92.8%

Additionally, this rate increase is a follow-up to the most recent rate increase approved on November 15, 2021, where the rate increase level approved was less than the nationwide average request from the 2021 filing. As described above, the current request is comprised of the remainder of the 2021 requests for each benefit period that was not approved and is consistent with the approach taken in jurisdictions which approved less than the 2021 requests. The 2021 request was in line with our request nationwide on these policy forms. Table 6 below provides the 2021 request, 2021 approval, and current 2023 request.

**Table 6**  
**Rate Increase Request and Approval Information**

<b>Benefit Period</b>	<b>2021 Request</b>	<b>2021 Approval</b>	<b>2023 Request</b>
2 – 4 Years	15%	15%	0%
5 – 8 Years	25%	20%	5%
Lifetime	45%	20%	25%
Total Average	25%	18%	7%

If you have any questions or if you need additional information to complete your review, please send an email to [Scott.Laska@AllianzLife.com](mailto:Scott.Laska@AllianzLife.com).

Sincerely,



Scott Laska, ASA, MAAA  
Assistant Actuary  
Allianz Life Insurance Company of North America

**Attachment 1**  
**Allianz Life Insurance Company of North America**  
**Nationwide Experience**  
**Policy Form Series: GP2**  
**As of 12/31/2022**

	(a)	(b)	(c)	(d)	(f)
	Earned Premiums at	Additional	Additional	Incurred Claims	
Year	<u>Original Rate Level</u>	<u>Earned Premiums From</u> <u>Prior Rate Increases</u>	<u>Earned Premiums From</u> <u>Proposed Rate Increase</u>	<u>After Proposed</u> <u>Rate Increase</u>	<u>Discount</u> <u>Factor</u>
2006	\$1,480,109	\$0	\$0	\$0	1.9101
2007	\$9,961,639	\$0	\$0	\$229,386	1.8366
2008	\$21,889,338	\$0	\$0	\$126,380	1.7660
2009	\$29,753,489	\$0	\$0	\$662,935	1.6980
2010	\$32,733,527	\$0	\$0	\$846,097	1.6327
2011	\$31,614,887	\$0	\$0	\$1,625,959	1.5699
2012	\$30,817,925	\$0	\$0	\$3,302,277	1.5096
2013	\$30,225,351	\$0	\$0	\$3,003,618	1.4515
2014	\$29,650,304	\$0	\$0	\$2,406,460	1.3957
2015	\$29,104,645	\$0	\$0	\$5,611,148	1.3420
2016	\$28,580,004	\$0	\$0	\$6,789,555	1.2904
2017	\$27,993,217	\$1,753,907	\$0	\$7,168,036	1.2407
2018	\$27,293,553	\$5,124,412	\$0	\$11,511,269	1.1930
2019	\$26,626,597	\$6,427,291	\$0	\$10,549,713	1.1471
2020	\$25,953,200	\$6,307,704	\$0	\$12,100,472	1.1030
2021	\$25,318,551	\$6,200,459	\$0	\$16,331,453	1.0606
2022	\$24,616,276	\$6,856,150	\$0	\$23,963,876	1.0198
2023	\$23,430,872	\$10,752,759	\$273,468	\$19,064,950	0.9806
2024	\$22,728,170	\$10,704,407	\$1,086,466	\$21,940,181	0.9429
2025	\$21,824,696	\$10,336,730	\$1,455,548	\$24,540,860	0.9066
2026	\$20,895,476	\$9,954,198	\$1,406,640	\$27,752,319	0.8717
2027	\$19,942,507	\$9,557,175	\$1,355,812	\$31,314,525	0.8382
2028	\$18,965,989	\$9,145,272	\$1,302,982	\$35,305,623	0.8060
2029	\$17,970,705	\$8,720,108	\$1,248,312	\$39,542,180	0.7750
2030	\$16,957,969	\$8,281,873	\$1,191,782	\$44,102,188	0.7452
2031	\$15,932,257	\$7,832,167	\$1,133,564	\$48,767,231	0.7165
2032	\$14,896,141	\$7,371,792	\$1,073,728	\$53,521,368	0.6889
2033	\$13,857,667	\$6,904,141	\$1,012,658	\$57,888,910	0.6624
2034	\$12,821,321	\$6,431,187	\$950,566	\$61,903,081	0.6370
2035	\$11,794,879	\$5,956,586	\$887,865	\$65,258,213	0.6125
2036	\$10,783,851	\$5,483,084	\$824,846	\$68,047,903	0.5889
2037	\$9,798,316	\$5,015,715	\$762,125	\$69,909,372	0.5663
2038	\$8,843,759	\$4,557,485	\$700,065	\$71,075,047	0.5445
2039	\$7,928,064	\$4,112,697	\$639,213	\$71,403,901	0.5235
2040	\$7,056,189	\$3,684,332	\$579,948	\$71,132,241	0.5034
2041	\$6,236,131	\$3,276,975	\$522,878	\$69,867,996	0.4840
2042	\$5,470,541	\$2,892,649	\$468,307	\$67,873,655	0.4654
2043	\$4,763,388	\$2,534,082	\$416,653	\$65,102,788	0.4475
2044	\$4,115,746	\$2,202,521	\$368,136	\$61,879,840	0.4303
2045	\$3,530,458	\$1,900,141	\$323,116	\$58,038,514	0.4138
2046	\$3,006,124	\$1,626,918	\$281,666	\$53,941,758	0.3978
2047	\$2,541,553	\$1,382,852	\$243,894	\$49,590,612	0.3825
2048	\$2,133,196	\$1,166,648	\$209,750	\$45,226,486	0.3678
2049	\$1,778,507	\$977,492	\$179,261	\$40,715,870	0.3537
2050	\$1,472,787	\$813,352	\$152,245	\$36,347,548	0.3401
2051	\$1,212,016	\$672,468	\$128,552	\$32,139,764	0.3270
2052	\$991,214	\$552,475	\$107,907	\$28,256,464	0.3144
2053	\$806,397	\$451,479	\$90,112	\$24,585,445	0.3023
2054	\$652,633	\$367,005	\$74,858	\$21,257,526	0.2907
2055	\$525,781	\$296,960	\$61,894	\$18,263,865	0.2795
2056	\$421,676	\$239,189	\$50,930	\$15,659,541	0.2688
2057	\$336,992	\$191,966	\$41,737	\$13,328,820	0.2584
2058	\$268,300	\$153,475	\$34,051	\$11,295,356	0.2485
2059	\$212,874	\$122,267	\$27,664	\$9,509,964	0.2389
2060	\$168,253	\$97,019	\$22,372	\$7,981,468	0.2297
2061	\$132,564	\$76,723	\$18,021	\$6,657,322	0.2209
2062	\$104,058	\$60,428	\$14,449	\$5,540,205	0.2124
2063	\$81,384	\$47,399	\$11,530	\$4,588,264	0.2042
2064	\$63,364	\$36,988	\$9,149	\$3,785,132	0.1964
2065	\$49,130	\$28,719	\$7,220	\$3,098,494	0.1888
2066	\$37,908	\$22,167	\$5,661	\$2,525,338	0.1816
2067	\$29,110	\$17,007	\$4,412	\$2,044,591	0.1746
2068	\$22,231	\$12,959	\$3,413	\$1,643,461	0.1679
2069	\$16,891	\$9,807	\$2,621	\$1,304,718	0.1614
2070	\$12,761	\$7,365	\$1,998	\$1,023,238	0.1552
2071	\$9,593	\$5,491	\$1,511	\$792,760	0.1492
2072	\$7,177	\$4,064	\$1,136	\$608,230	0.1435
2073	\$5,352	\$2,991	\$848	\$461,891	0.1380
2074	\$3,980	\$2,189	\$631	\$347,615	0.1327
2075+	\$2,953	\$1,595	\$467	\$259,504	0.1276

Summary of Experience at 4.0%

	<u>Earned Premium</u>	<u>Earned Premium</u>	<u>Earned Premium</u>	<u>Incurred Claims</u>
Historical (YE2022)	\$599,515,517	\$36,188,355	\$0	\$124,534,414
Projected Future (2023 +)	\$228,409,186	\$111,582,027	\$14,728,305	\$873,641,038
Total Lifetime Anticipated	\$827,924,704	\$147,770,382	\$14,728,305	\$998,175,453

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Seriatim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
1	9/1/2007	55	70	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,715	\$2,851
2	6/13/2008	56	70	GP2	11-P-Q-PA	5 Years	None	\$1,023	\$1,074
3	5/5/2008	45	59	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,559	\$2,687
4	7/25/2008	72	86	GP2	11-P-Q-PA	3 Years	None	\$4,858	\$4,858
5	5/5/2008	65	79	GP2	11-P-Q-PA	Lifetime	3% Compound	\$3,517	\$4,396
6	12/18/2008	62	76	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$2,691	\$2,691
7	11/15/2007	65	80	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,208	\$2,208
8	11/1/2009	57	70	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,414	\$2,414
9	11/1/2009	58	71	GP2	11-P-Q-PA	Lifetime	5% Compound	\$3,385	\$4,231
10	4/27/2007	56	71	GP2	11-P-Q-PA	4 Years	3% Compound	\$2,154	\$2,154
11	6/12/2009	59	72	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$1,922	\$1,922
12	10/10/2008	66	80	GP2	11-P-Q-PA(F)	3 Years	None	\$993	\$993
13	12/11/2007	54	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,323	\$4,539
14	1/15/2008	61	75	GP2	11-P-Q-PA(F)	3 Years	Times 5% Compo	\$1,274	\$1,274
15	11/14/2007	62	77	GP2	11-P-Q-PA	Lifetime	None	\$1,379	\$1,723
16	5/6/2009	57	70	GP2	11-P-Q-PA	5 Years	None	\$1,133	\$1,189
17	3/25/2008	60	74	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,398	\$1,398
18	2/18/2009	54	67	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,226	\$2,226
19	5/15/2007	57	72	GP2	11-P-Q-PA	3 Years	5% Simple	\$741	\$741
20	7/28/2008	46	60	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,134	\$4,340
21	6/20/2007	64	79	GP2	11-P-Q-PA	8 Years	5% Compound	\$5,204	\$5,465
22	7/20/2007	63	78	GP2	11-P-Q-PA	5 Years	None	\$1,117	\$1,173
23	3/10/2008	53	67	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,100	\$2,100
24	8/10/2009	50	63	GP2	11-P-Q-PA	4 Years	5% Compound	\$3,428	\$3,428
25	3/7/2007	53	68	GP2	11-P-Q-PA	8 Years	None	\$761	\$799
26	8/28/2008	53	67	GP2	11-P-Q-PA	4 Years	5% Simple	\$2,584	\$2,584
27	5/23/2008	61	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,800	\$1,800
28	10/27/2009	69	82	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$5,212	\$5,212
29	9/16/2007	63	78	GP2	11-P-Q-PA	3 Years	5% Simple	\$3,804	\$3,804
30	11/1/2007	50	65	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,472	\$2,596
31	8/28/2008	58	72	GP2	11-P-Q-PA	4 Years	5% Compound	\$3,169	\$3,169
32	10/2/2009	71	84	GP2	11-P-Q-PA	2 Years	None	\$1,511	\$1,511
33	10/21/2009	58	71	GP2	11-P-Q-PA	3 Years	5% Compound	\$4,431	\$4,431
34	8/10/2009	49	62	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,712	\$1,797
35	9/28/2007	59	74	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,855	\$2,997
36	7/14/2008	58	72	GP2	11-P-Q-PA	5 Years	4% Compound	\$3,746	\$3,933
37	4/9/2008	68	82	GP2	11-P-Q-PA(F)	4 Years	None	\$2,953	\$2,953
38	6/4/2009	67	80	GP2	11-P-Q-PA	3 Years	3% Compound	\$3,040	\$3,040
39	10/16/2007	66	81	GP2	11-P-Q-PA	5 Years	5% Simple	\$7,373	\$7,741
40	8/13/2009	67	80	GP2	11-P-Q-PA	4 Years	5% Simple	\$3,298	\$3,298
41	12/18/2007	59	74	GP2	11-P-Q-PA	5 Years	None	\$888	\$932
42	8/16/2007	44	59	GP2	11-P-Q-PA(F)	5 Years	Times 5% Compo	\$2,023	\$2,124
43	1/2/2009	69	82	GP2	11-P-Q-PA(F)	3 Years	5% Simple	\$2,890	\$2,890
44	6/18/2009	63	76	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,454	\$1,527
45	3/5/2007	59	74	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$1,920	\$1,920
46	7/9/2007	57	72	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,440	\$1,512
47	6/9/2007	49	64	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,165	\$1,223
48	11/28/2007	43	58	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,788	\$3,977
49	8/11/2008	64	78	GP2	11-P-Q-PA(F)	Lifetime	5% Compound	\$4,676	\$5,845
50	8/21/2007	62	77	GP2	11-P-Q-PA(F)	2 Years	3% Compound	\$2,869	\$2,869
51	9/1/2007	51	66	GP2	11-P-Q-PA	2 Years	5% Compound	\$1,347	\$1,347
52	4/28/2007	54	69	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$2,690	\$2,825
53	8/22/2007	57	72	GP2	11-P-Q-PA(F)	8 Years	None	\$3,317	\$3,483
54	6/18/2009	61	74	GP2	11-P-Q-PA	2 Years	5% Compound	\$3,930	\$3,930
55	8/6/2009	61	74	GP2	11-P-Q-PA	4 Years	5% Simple	\$1,999	\$1,999
56	7/23/2008	46	60	GP2	11-P-Q-PA	Lifetime	5% Compound	\$4,068	\$5,085
57	5/8/2007	58	73	GP2	11-P-Q-PA	Lifetime	5% Compound	\$5,356	\$6,696
58	5/17/2007	61	76	GP2	11-P-Q-PA	Lifetime	None	\$2,257	\$2,821
59	7/28/2009	54	67	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,230	\$2,342
60	5/8/2008	59	73	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,857	\$1,949
61	5/26/2008	58	72	GP2	11-P-Q-PA	Lifetime	5% Compound	\$2,820	\$3,526
62	5/25/2009	58	71	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,390	\$1,460
63	2/14/2008	43	57	GP2	11-P-Q-PA	3 Years	4% Compound	\$1,783	\$1,783
64	2/15/2008	64	78	GP2	11-P-Q-PA	5 Years	None	\$2,346	\$2,463
65	12/23/2008	60	74	GP2	11-P-Q-PA	Lifetime	None	\$2,289	\$2,861
66	6/9/2007	52	67	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,205	\$1,265
67	6/9/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,678	\$2,678
68	4/5/2007	55	70	GP2	11-P-Q-PA	5 Years	5% Compound	\$1,651	\$1,733
69	9/28/2007	58	73	GP2	11-P-Q-PA(F)	5 Years	None	\$955	\$1,003
70	8/13/2008	71	85	GP2	11-P-Q-PA	5 Years	5% Simple	\$4,434	\$4,655
71	9/13/2009	61	74	GP2	11-P-Q-PA(F)	3 Years	None	\$1,954	\$1,954
72	4/16/2007	56	71	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,153	\$3,310
73	12/20/2007	69	84	GP2	11-P-Q-PA	3 Years	5% Compound	\$5,150	\$5,150
74	9/11/2007	48	63	GP2	11-P-Q-PA	8 Years	5% Compound	\$4,563	\$4,791
75	5/12/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,555	\$1,555
76	6/1/2007	59	74	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$1,693	\$1,778
77	11/14/2007	68	83	GP2	11-P-Q-PA	3 Years	None	\$1,983	\$1,983
78	12/1/2009	49	62	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$1,583	\$1,662

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Seriatim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
79	7/14/2008	56	70	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,396	\$2,516
80	12/1/2007	59	74	GP2	11-P-Q-PA	2 Years	4% Compound	\$1,808	\$1,808
81	1/27/2009	52	65	GP2	11-P-Q-PA	8 Years	5% Compound	\$1,891	\$1,986
82	11/28/2007	58	73	GP2	11-P-Q-PA(F)	Lifetime	None	\$1,538	\$1,923
83	5/23/2008	61	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,160	\$2,160
84	8/14/2008	53	67	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$2,792	\$2,792
85	1/28/2008	51	65	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$1,487	\$1,487
86	2/19/2007	59	74	GP2	11-P-Q-PA(F)	3 Years	5% Simple	\$933	\$933
87	12/15/2009	59	72	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,473	\$2,473
88	9/8/2008	58	72	GP2	11-P-Q-PA(F)	4 Years	None	\$988	\$988
89	2/11/2009	72	85	GP2	11-P-Q-PA	5 Years	None	\$5,589	\$5,868
90	2/27/2008	68	82	GP2	11-P-Q-PA	5 Years	None	\$4,474	\$4,697
91	1/13/2010	61	73	GP2	11-P-Q-PA(F)	8 Years	5% Compound	\$3,921	\$4,117
92	5/8/2007	48	63	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,164	\$1,223
93	8/20/2007	47	62	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,718	\$1,804
94	6/13/2007	63	78	GP2	11-P-Q-PA	Lifetime	3% Compound	\$3,226	\$4,032
95	6/25/2009	56	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,624	\$3,805
96	4/28/2007	54	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,832	\$2,973
97	9/22/2009	52	65	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$2,132	\$2,132
98	3/11/2009	64	77	GP2	11-P-Q-PA(F)	Lifetime	None	\$1,798	\$2,248
99	2/4/2009	53	66	GP2	11-P-Q-PA	8 Years	5% Compound	\$4,208	\$4,418
100	5/9/2008	51	65	GP2	11-P-Q-PA	5 Years	None	\$1,796	\$1,886
101	2/26/2008	57	71	GP2	11-P-Q-PA	8 Years	5% Compound	\$1,892	\$1,987
102	1/2/2009	64	77	GP2	11-P-Q-PA(F)	5 Years	None	\$1,947	\$2,044
103	11/1/2007	58	73	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,363	\$1,363
104	11/14/2007	64	79	GP2	11-P-Q-PA(F)	Lifetime	None	\$1,316	\$1,645
105	4/28/2008	52	66	GP2	11-P-Q-PA	5 Years	5% Compound	\$1,816	\$1,907
106	7/9/2007	55	70	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,119	\$1,175
107	7/7/2009	62	75	GP2	11-P-Q-PA	3 Years	None	\$1,580	\$1,580
108	7/3/2007	56	71	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,099	\$4,304
109	4/28/2007	64	79	GP2	11-P-Q-PA	4 Years	3% Compound	\$2,385	\$2,385
110	6/22/2008	63	77	GP2	11-P-Q-PA	3 Years	None	\$1,498	\$1,498
111	3/21/2008	64	78	GP2	11-P-Q-PA	3 Years	3% Compound	\$4,185	\$4,185
112	5/14/2009	62	75	GP2	11-P-Q-PA(F)	3 Years	5% Compound	\$1,193	\$1,193
113	7/10/2007	52	67	GP2	11-P-Q-PA	5 Years	5% Compound	\$6,565	\$6,893
114	9/8/2008	61	75	GP2	11-P-Q-PA	8 Years	5% Compound	\$5,065	\$5,318
115	9/16/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,428	\$2,428
116	2/19/2007	62	77	GP2	11-P-Q-PA(F)	3 Years	5% Simple	\$1,659	\$1,659
117	7/8/2007	49	64	GP2	11-P-Q-PA	3 Years	3% Compound	\$2,252	\$2,252
118	7/2/2007	59	74	GP2	11-P-Q-PA	5 Years	None	\$1,413	\$1,484
119	2/20/2007	54	69	GP2	11-P-Q-PA	2 Years	None	\$658	\$658
120	3/8/2007	60	75	GP2	11-P-Q-PA	5 Years	None	\$1,517	\$1,593
121	5/22/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,591	\$1,591
122	8/16/2009	67	80	GP2	11-P-Q-PA	5 Years	3% Compound	\$3,565	\$3,744
123	8/5/2007	55	70	GP2	11-P-Q-PA	8 Years	3% Compound	\$3,627	\$3,808
124	7/6/2009	55	68	GP2	11-P-Q-PA	5 Years	4% Compound	\$4,055	\$4,258
125	7/17/2009	62	75	GP2	11-P-Q-PA(F)	8 Years	3% Compound	\$1,523	\$1,599
126	7/27/2009	69	82	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$5,135	\$5,135
127	6/23/2009	53	66	GP2	11-P-Q-PA	4 Years	3% Compound	\$1,504	\$1,504
128	5/1/2008	57	71	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,868	\$1,961
129	2/25/2008	51	65	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,955	\$3,102
130	2/1/2007	53	68	GP2	11-P-Q-PA	8 Years	5% Compound	\$6,620	\$6,951
131	10/12/2007	57	72	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,866	\$3,009
132	3/7/2007	54	69	GP2	11-P-Q-PA	8 Years	None	\$786	\$825
133	7/28/2009	72	85	GP2	11-P-Q-PA	3 Years	None	\$1,673	\$1,673
134	6/20/2007	63	78	GP2	11-P-Q-PA	8 Years	5% Compound	\$4,102	\$4,308
135	2/28/2008	59	73	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$1,150	\$1,150
136	6/20/2007	59	74	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,562	\$3,740
137	12/18/2008	63	77	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$3,496	\$3,496
138	6/6/2009	66	79	GP2	11-P-Q-PA	Lifetime	None	\$1,554	\$1,943
139	12/1/2007	61	76	GP2	11-P-Q-PA	2 Years	4% Compound	\$1,989	\$1,989
140	2/26/2009	64	77	GP2	11-P-Q-PA	3 Years	Times 5% Compo	\$1,461	\$1,461
141	2/3/2008	67	81	GP2	11-P-Q-PA(F)	5 Years	Times 5% Compo	\$2,998	\$3,148
142	3/9/2007	64	79	GP2	11-P-Q-PA	8 Years	Times 5% Compo	\$4,634	\$4,865
143	1/17/2007	68	83	GP2	11-P-Q-PA	4 Years	5% Simple	\$4,330	\$4,330
144	8/6/2007	58	73	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,229	\$2,340
145	6/15/2007	67	82	GP2	11-P-Q-PA	3 Years	None	\$2,013	\$2,013
146	8/15/2008	64	78	GP2	11-P-Q-PA	3 Years	5% Simple	\$3,631	\$3,631
147	8/28/2007	56	71	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,405	\$1,405
148	6/4/2007	68	83	GP2	11-P-Q-PA	Lifetime	None	\$1,385	\$1,732
149	8/10/2009	64	77	GP2	11-P-Q-PA	5 Years	4% Compound	\$4,031	\$4,232
150	2/21/2008	62	76	GP2	11-P-Q-PA	3 Years	5% Compound	\$3,451	\$3,451
151	6/1/2007	64	79	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,018	\$2,119
152	2/8/2008	52	66	GP2	11-P-Q-PA	Lifetime	5% Compound	\$2,934	\$3,668
153	8/8/2007	57	72	GP2	11-P-Q-PA	4 Years	5% Simple	\$1,908	\$1,908
154	1/10/2007	60	75	GP2	11-P-Q-PA	Lifetime	None	\$1,657	\$2,071
155	12/11/2007	63	78	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$3,909	\$3,909
156	2/8/2008	62	76	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,809	\$2,949
157	3/9/2009	57	70	GP2	11-P-Q-PA(F)	4 Years	4% Compound	\$1,935	\$1,935
158	2/18/2009	57	70	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,524	\$2,524
159	6/28/2009	58	71	GP2	11-P-Q-PA	3 Years	3% Compound	\$2,973	\$2,973
160	2/15/2008	59	73	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,041	\$2,143
161	11/18/2008	63	77	GP2	11-P-Q-PA	4 Years	3% Compound	\$2,522	\$2,522
162	12/28/2007	50	65	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,352	\$3,520
163	4/15/2008	64	78	GP2	11-P-Q-PA	5 Years	5% Simple	\$3,159	\$3,317
164	4/22/2007	47	62	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,424	\$2,424
165	6/11/2009	55	68	GP2	11-P-Q-PA(F)	Lifetime	5% Compound	\$3,342	\$4,177
166	2/9/2009	38	51	GP2	11-P-Q-PA	Lifetime	5% Compound	\$4,202	\$5,253
167	8/8/2007	70	85	GP2	11-P-Q-PA	4 Years	5% Compound	\$9,008	\$9,008
168	8/4/2009	64	77	GP2	11-P-Q-PA	Lifetime	5% Compound	\$6,677	\$8,346
169	2/28/2008	71	85	GP2	11-P-Q-PA	2 Years	None	\$3,308	\$3,308
170	3/5/2007	67	82	GP2	11-P-Q-PA	Lifetime	None	\$3,208	\$4,010
171	4/14/2009	52	65	GP2	11-P-Q-PA	Lifetime	None	\$956	\$1,195
172	5/26/2008	58	72	GP2	11-P-Q-PA	Lifetime	5% Compound	\$3,318	\$4,148
173	2/11/2009	75	88	GP2	11-P-Q-PA	5 Years	None	\$7,209	\$7,570
174	5/15/2008	57	71	GP2	11-P-Q-PA	Lifetime	3% Compound	\$2,790	\$3,488

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Seriatim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
175	1/9/2010	58	70	GP2	11-P-Q-PA	3 Years	None	\$885	\$885
176	3/3/2008	59	73	GP2	11-P-Q-PA(F)	5 Years	None	\$1,100	\$1,155
177	3/5/2008	55	69	GP2	11-P-Q-PA	4 Years	5% Compound	\$3,820	\$3,820
178	10/7/2009	61	74	GP2	11-P-Q-PA	Lifetime	5% Simple	\$4,531	\$5,664
179	2/22/2008	58	72	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,149	\$3,306
180	12/11/2007	64	79	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$3,406	\$3,406
181	2/18/2008	62	76	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$3,201	\$3,201
182	12/3/2009	62	75	GP2	11-P-Q-PA	Lifetime	5% Compound	\$3,340	\$4,175
183	4/5/2007	50	65	GP2	11-P-Q-PA	5 Years	5% Compound	\$1,568	\$1,646
184	1/24/2007	60	75	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,328	\$2,444
185	1/28/2008	51	65	GP2	11-P-Q-PA	8 Years	3% Compound	\$1,993	\$2,092
186	9/23/2008	61	75	GP2	11-P-Q-PA(F)	3 Years	None	\$1,019	\$1,019
187	2/7/2007	69	84	GP2	11-P-Q-PA(F)	Lifetime	3% Compound	\$8,387	\$10,483
188	11/6/2007	61	76	GP2	11-P-Q-PA	5 Years	None	\$1,413	\$1,484
189	11/25/2008	58	72	GP2	11-P-Q-PA	5 Years	5% Compound	\$5,155	\$5,412
190	8/28/2008	59	73	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$2,586	\$2,586
191	4/14/2009	68	81	GP2	11-P-Q-PA(F)	4 Years	None	\$2,713	\$2,713
192	11/12/2007	67	82	GP2	11-P-Q-PA	3 Years	5% Simple	\$6,522	\$6,522
193	2/22/2008	50	64	GP2	11-P-Q-PA	3 Years	5% Compound	\$1,269	\$1,269
194	7/13/2007	58	73	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,058	\$1,058
195	3/28/2008	57	71	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,617	\$1,698
196	6/18/2009	67	80	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$1,794	\$1,883
197	9/15/2008	61	75	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$2,333	\$2,333
198	6/15/2007	65	80	GP2	11-P-Q-PA	3 Years	None	\$1,732	\$1,732
199	11/6/2007	64	79	GP2	11-P-Q-PA	8 Years	5% Compound	\$8,951	\$9,398
200	6/1/2008	55	69	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,170	\$2,170
201	8/24/2009	58	71	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,868	\$2,868
202	12/28/2008	64	78	GP2	11-P-Q-PA(F)	Lifetime	None	\$2,496	\$3,120
203	8/6/2007	58	73	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$1,500	\$1,575
204	7/18/2008	43	57	GP2	11-P-Q-PA	Lifetime	4% Compound	\$3,266	\$4,083
205	12/15/2006	60	76	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,997	\$1,997
206	9/1/2007	50	65	GP2	11-P-Q-PA	2 Years	5% Compound	\$1,358	\$1,358
207	3/5/2007	59	74	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,259	\$2,259
208	11/10/2009	59	72	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,737	\$2,874
209	3/9/2009	62	75	GP2	11-P-Q-PA	4 Years	4% Compound	\$2,624	\$2,624
210	6/20/2007	58	73	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,862	\$3,006
211	3/2/2007	56	71	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,450	\$3,623
212	4/16/2008	56	70	GP2	11-P-Q-PA(F)	Lifetime	None	\$1,031	\$1,289
213	7/8/2007	49	64	GP2	11-P-Q-PA	3 Years	3% Compound	\$2,252	\$2,252
214	1/27/2009	57	70	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,388	\$2,508
215	9/17/2007	59	74	GP2	11-P-Q-PA	8 Years	5% Compound	\$4,918	\$5,164
216	2/10/2009	56	69	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$1,380	\$1,450
217	8/2/2007	49	64	GP2	11-P-Q-PA	Lifetime	5% Compound	\$6,384	\$7,980
218	5/8/2007	65	80	GP2	11-P-Q-PA	4 Years	5% Simple	\$2,139	\$2,139
219	12/17/2008	65	79	GP2	11-P-Q-PA	4 Years	5% Compound	\$5,295	\$5,295
220	1/25/2008	60	74	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,316	\$2,316
221	7/9/2009	58	71	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$2,848	\$2,848
222	8/2/2007	55	70	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,980	\$2,980
223	7/14/2009	63	76	GP2	11-P-Q-PA(F)	2 Years	Times 5% Compo	\$1,945	\$1,945
224	12/8/2009	64	77	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,859	\$3,002
225	8/7/2007	60	75	GP2	11-P-Q-PA	5 Years	3% Compound	\$4,034	\$4,236
226	8/11/2009	56	69	GP2	11-P-Q-PA	3 Years	4% Compound	\$2,010	\$2,010
227	9/18/2007	58	73	GP2	11-P-Q-PA	5 Years	None	\$1,402	\$1,472
228	1/28/2008	48	62	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$1,190	\$1,190
229	9/19/2009	55	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,073	\$3,227
230	8/20/2009	67	80	GP2	11-P-Q-PA	3 Years	5% Simple	\$3,482	\$3,482
231	3/13/2008	48	62	GP2	11-P-Q-PA	5 Years	3% Compound	\$5,213	\$5,473
232	9/16/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,064	\$2,064
233	11/10/2009	57	70	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,436	\$2,558
234	7/10/2009	51	64	GP2	11-P-Q-PA	Lifetime	5% Compound	\$6,663	\$8,329
235	8/21/2007	56	71	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,110	\$3,265
236	7/10/2007	48	63	GP2	11-P-Q-PA	5 Years	5% Compound	\$6,392	\$6,712
237	8/15/2009	69	82	GP2	11-P-Q-PA(F)	5 Years	None	\$3,259	\$3,422
238	1/28/2008	52	66	GP2	11-P-Q-PA	8 Years	3% Compound	\$1,436	\$1,508
239	1/10/2008	54	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,230	\$2,342
240	6/8/2009	62	75	GP2	11-P-Q-PA(F)	5 Years	Times 5% Compo	\$1,659	\$1,742
241	1/2/2009	63	76	GP2	11-P-Q-PA	5 Years	None	\$1,877	\$1,971
242	11/19/2008	69	83	GP2	11-P-Q-PA	5 Years	5% Simple	\$7,723	\$8,109
243	12/28/2008	64	78	GP2	11-P-Q-PA(F)	Lifetime	None	\$2,080	\$2,600
244	9/16/2009	62	75	GP2	11-P-Q-PA	Lifetime	5% Simple	\$2,953	\$3,691
245	6/7/2009	60	73	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,659	\$3,842
246	8/24/2009	63	76	GP2	11-P-Q-PA	3 Years	5% Simple	\$3,067	\$3,067
247	12/18/2008	51	65	GP2	11-P-Q-PA	2 Years	None	\$669	\$669
248	2/4/2009	47	60	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,799	\$2,939
249	7/28/2009	55	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,164	\$3,322
250	11/1/2008	58	72	GP2	11-P-Q-PA	Lifetime	5% Simple	\$6,460	\$8,075
251	12/2/2009	51	64	GP2	11-P-Q-PA	Lifetime	3% Compound	\$3,899	\$4,874
252	1/28/2008	58	72	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$884	\$928
253	7/6/2009	64	77	GP2	11-P-Q-PA	5 Years	4% Compound	\$4,523	\$4,749
254	11/1/2007	59	74	GP2	11-P-Q-PA	3 Years	3% Compound	\$2,547	\$2,547
255	3/28/2008	58	72	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,024	\$2,125
256	1/14/2008	62	76	GP2	11-P-Q-PA(F)	3 Years	None	\$870	\$870
257	1/28/2008	46	60	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$1,243	\$1,243
258	1/10/2008	54	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,676	\$2,810
259	12/17/2009	58	71	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$1,528	\$1,528
260	4/15/2008	60	74	GP2	11-P-Q-PA	Lifetime	5% Simple	\$3,184	\$3,980
261	6/22/2008	61	75	GP2	11-P-Q-PA	3 Years	None	\$1,306	\$1,306
262	8/11/2009	61	74	GP2	11-P-Q-PA	3 Years	4% Compound	\$2,964	\$2,964
263	12/11/2007	56	71	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,099	\$3,254
264	12/18/2007	65	80	GP2	11-P-Q-PA	5 Years	None	\$2,087	\$2,192
265	12/14/2009	58	71	GP2	11-P-Q-PA	8 Years	3% Compound	\$1,361	\$1,429
266	9/17/2007	59	74	GP2	11-P-Q-PA	8 Years	5% Compound	\$4,994	\$5,243
267	1/25/2008	58	72	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,440	\$2,440
268	6/4/2007	66	81	GP2	11-P-Q-PA	5 Years	None	\$914	\$959
269	4/6/2007	56	71	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$1,260	\$1,260
270	6/11/2007	65	80	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$5,317	\$5,317

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Seriatim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
271	11/7/2008	70	84	GP2	11-P-Q-PA	Lifetime	3% Compound	\$5,437	\$6,796
272	5/5/2008	67	81	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$6,236	\$6,236
273	4/15/2009	61	74	GP2	11-P-Q-PA	Lifetime	None	\$1,880	\$2,350
274	3/21/2009	61	74	GP2	11-P-Q-PA	Lifetime	5% Compound	\$4,089	\$5,111
275	8/28/2008	57	71	GP2	11-P-Q-PA	4 Years	5% Compound	\$4,181	\$4,181
276	5/11/2007	57	72	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,495	\$2,620
277	8/1/2009	64	77	GP2	11-P-Q-PA	3 Years	3% Compound	\$3,851	\$3,851
278	9/25/2007	64	79	GP2	11-P-Q-PA	Lifetime	None	\$3,411	\$4,263
279	1/23/2009	69	82	GP2	11-P-Q-PA	5 Years	None	\$2,971	\$3,119
280	4/11/2008	54	68	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$2,802	\$2,802
281	11/17/2009	49	62	GP2	11-P-Q-PA(F)	3 Years	5% Compound	\$3,131	\$3,131
282	8/8/2008	59	73	GP2	11-P-Q-PA	3 Years	None	\$547	\$547
283	9/24/2009	77	90	GP2	11-P-Q-PA	3 Years	5% Simple	\$9,905	\$9,905
284	6/2/2009	46	59	GP2	11-P-Q-PA	8 Years	5% Compound	\$5,675	\$5,959
285	1/16/2008	66	80	GP2	11-P-Q-PA(F)	3 Years	5% Compound	\$5,041	\$5,041
286	6/26/2009	60	73	GP2	11-P-Q-PA	5 Years	3% Compound	\$3,114	\$3,270
287	6/18/2007	52	67	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,017	\$2,017
288	5/14/2008	59	73	GP2	11-P-Q-PA	3 Years	None	\$785	\$785
289	5/24/2007	62	77	GP2	11-P-Q-PA	4 Years	3% Compound	\$2,908	\$2,908
290	5/7/2008	54	68	GP2	11-P-Q-PA	5 Years	5% Simple	\$3,207	\$3,367
291	2/1/2008	60	74	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,668	\$1,752
292	12/11/2007	59	74	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,528	\$2,654
293	6/11/2009	54	67	GP2	11-P-Q-PA(F)	Lifetime	5% Compound	\$3,321	\$4,151
294	3/12/2009	62	75	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,107	\$1,107
295	11/11/2009	57	70	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,872	\$1,872
296	2/20/2007	58	73	GP2	11-P-Q-PA(F)	5 Years	None	\$814	\$855
297	12/12/2009	59	72	GP2	11-P-Q-PA	Lifetime	None	\$1,610	\$2,013
298	12/1/2009	52	65	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$1,614	\$1,695
299	6/27/2008	60	74	GP2	11-P-Q-PA	4 Years	3% Compound	\$1,483	\$1,483
300	8/14/2007	60	75	GP2	11-P-Q-PA	Lifetime	5% Compound	\$5,105	\$6,381
301	11/28/2009	63	76	GP2	11-P-Q-PA	5 Years	None	\$1,099	\$1,154
302	3/20/2008	52	66	GP2	11-P-Q-PA	5 Years	None	\$624	\$655
303	11/3/2008	63	77	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,809	\$2,950
304	6/25/2008	57	71	GP2	11-P-Q-PA	Lifetime	None	\$4,410	\$5,512
305	3/12/2009	61	74	GP2	11-P-Q-PA	3 Years	3% Compound	\$900	\$900
306	6/27/2007	59	74	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$4,839	\$5,081
307	5/9/2007	54	69	GP2	11-P-Q-PA	5 Years	4% Compound	\$3,567	\$3,745
308	6/2/2009	45	58	GP2	11-P-Q-PA	8 Years	5% Compound	\$6,639	\$6,971
309	8/4/2009	66	79	GP2	11-P-Q-PA	Lifetime	5% Compound	\$7,464	\$9,331
310	10/3/2007	57	72	GP2	11-P-Q-PA(F)	3 Years	5% Compound	\$1,928	\$1,928
311	6/19/2008	49	63	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,564	\$2,564
312	6/23/2009	71	84	GP2	11-P-Q-PA	3 Years	5% Simple	\$4,149	\$4,149
313	3/2/2007	53	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,340	\$3,507
314	5/24/2007	49	64	GP2	11-P-Q-PA	8 Years	3% Compound	\$2,553	\$2,681
315	8/16/2009	67	80	GP2	11-P-Q-PA	5 Years	3% Compound	\$4,278	\$4,492
316	8/1/2008	67	81	GP2	11-P-Q-PA(F)	5 Years	None	\$3,821	\$4,013
317	6/25/2008	62	76	GP2	11-P-Q-PA	5 Years	5% Simple	\$3,159	\$3,317
318	1/24/2007	58	73	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,087	\$2,191
319	7/10/2007	71	86	GP2	11-P-Q-PA	8 Years	None	\$5,322	\$5,588
320	3/20/2008	58	72	GP2	11-P-Q-PA	Lifetime	5% Simple	\$3,407	\$4,259
321	1/26/2009	51	64	GP2	11-P-Q-PA	Lifetime	5% Compound	\$2,399	\$2,999
322	4/5/2007	53	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,392	\$2,512
323	11/28/2007	60	75	GP2	11-P-Q-PA	4 Years	None	\$1,672	\$1,672
324	9/28/2009	57	70	GP2	11-P-Q-PA	Lifetime	5% Simple	\$2,270	\$2,838
325	5/5/2008	59	73	GP2	11-P-Q-PA	5 Years	Times 5% Compo	\$3,175	\$3,334
326	1/12/2009	62	75	GP2	11-P-Q-PA	5 Years	None	\$1,697	\$1,782
327	6/7/2008	59	73	GP2	11-P-Q-PA	3 Years	4% Compound	\$1,804	\$1,804
328	3/4/2009	66	79	GP2	11-P-Q-PA	8 Years	None	\$2,673	\$2,807
329	9/25/2007	62	77	GP2	11-P-Q-PA	Lifetime	None	\$2,407	\$3,009
330	1/1/2009	60	73	GP2	11-P-Q-PA	8 Years	4% Compound	\$3,264	\$3,427
331	9/15/2008	61	75	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$2,745	\$2,745
332	1/26/2007	64	79	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,999	\$3,149
333	12/2/2009	61	74	GP2	11-P-Q-PA	Lifetime	None	\$1,018	\$1,272
334	5/24/2007	62	77	GP2	11-P-Q-PA	4 Years	3% Compound	\$3,490	\$3,490
335	6/8/2009	61	74	GP2	11-P-Q-PA	5 Years	Times 5% Compo	\$1,665	\$1,748
336	11/9/2007	67	82	GP2	11-P-Q-PA	3 Years	4% Compound	\$5,006	\$5,006
337	12/14/2009	57	70	GP2	11-P-Q-PA	8 Years	3% Compound	\$1,524	\$1,600
338	8/6/2009	61	74	GP2	11-P-Q-PA	4 Years	5% Simple	\$1,999	\$1,999
339	6/12/2008	67	81	GP2	11-P-Q-PA	3 Years	None	\$1,307	\$1,307
340	2/25/2008	50	64	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,978	\$3,127
341	11/14/2006	64	80	GP2	11-P-Q-PA	5 Years	None	\$1,503	\$1,578
342	1/1/2008	59	73	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,873	\$1,873
343	3/10/2008	51	65	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,334	\$4,551
344	10/1/2007	37	52	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$2,348	\$2,465
345	12/13/2007	64	79	GP2	11-P-Q-PA	8 Years	Times 5% Compo	\$3,243	\$3,405
346	4/23/2009	60	73	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$3,290	\$3,290
347	7/27/2009	59	72	GP2	11-P-Q-PA	3 Years	5% Compound	\$3,906	\$3,906
348	8/12/2009	56	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$5,396	\$5,665
349	2/14/2008	47	61	GP2	11-P-Q-PA	3 Years	4% Compound	\$1,613	\$1,613
350	7/28/2008	66	80	GP2	11-P-Q-PA	3 Years	3% Compound	\$3,894	\$3,894
351	3/3/2009	56	69	GP2	11-P-Q-PA	8 Years	3% Compound	\$3,385	\$3,554
352	10/5/2009	59	72	GP2	11-P-Q-PA(F)	Lifetime	5% Compound	\$4,566	\$5,708
353	7/2/2007	69	84	GP2	11-P-Q-PA	5 Years	None	\$1,972	\$2,071
354	12/3/2009	62	75	GP2	11-P-Q-PA	Lifetime	5% Compound	\$3,929	\$4,911
355	11/17/2008	46	60	GP2	11-P-Q-PA	5 Years	None	\$566	\$594
356	12/14/2006	57	73	GP2	11-P-Q-PA(F)	5 Years	None	\$1,868	\$1,962
357	8/8/2008	60	74	GP2	11-P-Q-PA	3 Years	None	\$496	\$496
358	8/20/2009	64	77	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,448	\$2,448
359	9/3/2009	59	72	GP2	11-P-Q-PA(F)	5 Years	None	\$1,505	\$1,580
360	11/19/2009	58	71	GP2	11-P-Q-PA	8 Years	5% Simple	\$2,026	\$2,127
361	5/15/2007	59	74	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,197	\$1,197
362	9/25/2007	60	75	GP2	11-P-Q-PA	2 Years	5% Compound	\$1,651	\$1,651
363	11/8/2009	54	67	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$2,504	\$2,629
364	8/10/2009	64	77	GP2	11-P-Q-PA(F)	5 Years	4% Compound	\$4,595	\$4,825
365	2/23/2008	67	81	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,703	\$2,703
366	5/17/2008	63	77	GP2	11-P-Q-PA(F)	Lifetime	3% Compound	\$5,800	\$7,250

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Seriatim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
367	10/26/2007	60	75	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,931	\$2,931
368	11/5/2009	60	73	GP2	11-P-Q-PA	Lifetime	5% Simple	\$2,623	\$3,279
369	10/3/2007	55	70	GP2	11-P-Q-PA(F)	3 Years	5% Compound	\$2,300	\$2,300
370	10/5/2009	56	69	GP2	11-P-Q-PA(F)	Lifetime	5% Compound	\$3,973	\$4,966
371	3/1/2007	45	60	GP2	11-P-Q-PA	8 Years	3% Compound	\$1,838	\$1,930
372	3/27/2008	59	73	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$3,202	\$3,362
373	12/1/2009	58	71	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,507	\$2,507
374	1/14/2008	62	76	GP2	11-P-Q-PA(F)	3 Years	None	\$1,023	\$1,023
375	3/3/2009	57	70	GP2	11-P-Q-PA	8 Years	3% Compound	\$4,086	\$4,290
376	6/1/2008	48	62	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,378	\$3,547
377	9/25/2007	62	77	GP2	11-P-Q-PA	2 Years	5% Compound	\$1,801	\$1,801
378	7/1/2008	37	51	GP2	11-P-Q-PA	Lifetime	None	\$1,152	\$1,441
379	4/5/2007	54	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,464	\$2,587
380	8/20/2007	51	66	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,511	\$2,636
381	10/4/2007	58	73	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,508	\$1,583
382	9/7/2007	58	73	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,665	\$1,665
383	1/28/2008	59	73	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$1,102	\$1,157
384	9/7/2007	51	66	GP2	11-P-Q-PA	5 Years	None	\$1,368	\$1,437
385	12/12/2009	59	72	GP2	11-P-Q-PA	Lifetime	None	\$1,894	\$2,368
386	5/24/2007	48	63	GP2	11-P-Q-PA	8 Years	3% Compound	\$3,094	\$3,249
387	5/13/2009	50	63	GP2	11-P-Q-PA	Lifetime	5% Compound	\$3,543	\$4,429
388	5/8/2008	62	76	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,794	\$1,883
389	11/6/2007	61	76	GP2	11-P-Q-PA	5 Years	None	\$1,413	\$1,484
390	11/2/2007	64	79	GP2	11-P-Q-PA	4 Years	None	\$1,014	\$1,014
391	4/26/2007	64	79	GP2	11-P-Q-PA(F)	5 Years	Times 5% Compo	\$3,283	\$3,447
392	8/28/2008	66	80	GP2	11-P-Q-PA(F)	2 Years	5% Simple	\$3,832	\$3,832
393	4/11/2008	56	70	GP2	11-P-Q-PA(F)	3 Years	4% Compound	\$2,849	\$2,849
394	5/8/2007	51	66	GP2	11-P-Q-PA	5 Years	5% Simple	\$1,418	\$1,489
395	5/15/2009	65	78	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$3,556	\$3,556
396	10/1/2007	40	55	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$2,762	\$2,900
397	3/20/2008	62	76	GP2	11-P-Q-PA	Lifetime	5% Simple	\$4,385	\$5,481
398	12/4/2008	58	72	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,717	\$2,717
399	6/13/2008	58	72	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$3,458	\$3,458
400	4/1/2008	54	68	GP2	11-P-Q-PA	4 Years	4% Compound	\$1,922	\$1,922
401	4/1/2008	53	67	GP2	11-P-Q-PA	4 Years	4% Compound	\$2,228	\$2,228
402	7/20/2009	64	77	GP2	11-P-Q-PA	4 Years	Times 5% Compo	\$2,012	\$2,012
403	9/21/2007	55	70	GP2	11-P-Q-PA	5 Years	None	\$1,348	\$1,415
404	9/28/2007	57	72	GP2	11-P-Q-PA	Lifetime	5% Compound	\$6,254	\$7,817
405	8/7/2008	61	75	GP2	11-P-Q-PA(F)	5 Years	4% Compound	\$3,434	\$3,606
406	11/18/2008	55	69	GP2	11-P-Q-PA	4 Years	3% Compound	\$1,717	\$1,717
407	4/28/2008	58	72	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,084	\$2,189
408	8/6/2007	66	81	GP2	11-P-Q-PA	5 Years	Times 5% Compo	\$6,800	\$7,140
409	12/2/2009	54	67	GP2	11-P-Q-PA	Lifetime	None	\$685	\$856
410	11/1/2007	52	67	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,539	\$2,666
411	3/20/2009	59	72	GP2	11-P-Q-PA	4 Years	4% Compound	\$3,891	\$3,891
412	2/1/2008	60	74	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,963	\$2,061
413	10/1/2009	61	74	GP2	11-P-Q-PA	5 Years	4% Compound	\$2,022	\$2,123
414	9/28/2007	55	70	GP2	11-P-Q-PA(F)	5 Years	None	\$817	\$858
415	12/4/2008	57	71	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,558	\$2,558
416	1/24/2007	64	79	GP2	11-P-Q-PA	5 Years	5% Simple	\$4,918	\$5,164
417	11/15/2007	63	78	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$1,633	\$1,633
418	3/18/2008	62	76	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$3,616	\$3,616
419	6/8/2009	62	75	GP2	11-P-Q-PA	Lifetime	3% Compound	\$4,094	\$5,117
420	7/6/2008	64	78	GP2	11-P-Q-PA	Lifetime	3% Compound	\$5,291	\$6,614
421	12/14/2007	66	81	GP2	11-P-Q-PA	3 Years	4% Compound	\$4,467	\$4,467
422	6/1/2007	59	74	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$4,292	\$4,507
423	9/1/2007	54	69	GP2	11-P-Q-PA	5 Years	5% Compound	\$2,702	\$2,837
424	10/17/2008	59	73	GP2	11-P-Q-PA(F)	5 Years	5% Simple	\$4,269	\$4,482
425	2/22/2008	49	63	GP2	11-P-Q-PA	3 Years	5% Compound	\$1,058	\$1,058
426	6/8/2009	56	69	GP2	11-P-Q-PA	Lifetime	3% Compound	\$3,007	\$3,759
427	10/15/2009	54	67	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,767	\$3,955
428	10/25/2008	60	74	GP2	11-P-Q-PA	5 Years	5% Simple	\$5,125	\$5,381
429	5/25/2009	58	71	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,963	\$2,061
430	11/17/2008	48	62	GP2	11-P-Q-PA(F)	5 Years	None	\$527	\$553
431	6/12/2009	58	71	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$1,820	\$1,820
432	11/7/2008	57	71	GP2	11-P-Q-PA	Lifetime	3% Compound	\$2,194	\$2,743
433	11/11/2009	53	66	GP2	11-P-Q-PA	3 Years	3% Compound	\$2,162	\$2,162
434	12/10/2009	58	71	GP2	11-P-Q-PA	8 Years	5% Simple	\$1,688	\$1,773
435	6/19/2008	51	65	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,254	\$2,254
436	11/28/2009	65	78	GP2	11-P-Q-PA	5 Years	None	\$922	\$968
437	5/14/2008	61	75	GP2	11-P-Q-PA	3 Years	None	\$742	\$742
438	4/6/2007	51	66	GP2	11-P-Q-PA(F)	4 Years	5% Compound	\$1,396	\$1,396
439	8/9/2009	64	77	GP2	11-P-Q-PA(F)	4 Years	3% Compound	\$3,408	\$3,408
440	5/12/2009	62	75	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,866	\$1,866
441	4/24/2007	56	71	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,647	\$1,729
442	5/22/2009	59	72	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,355	\$2,472
443	3/27/2009	67	80	GP2	11-P-Q-PA	5 Years	None	\$1,476	\$1,550
444	7/24/2007	61	76	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,440	\$2,562
445	7/18/2009	54	67	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,526	\$2,653
446	7/12/2007	64	79	GP2	11-P-Q-PA	8 Years	Times 5% Compo	\$4,325	\$4,541
447	12/1/2007	60	75	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,464	\$1,464
448	8/1/2007	55	70	GP2	11-P-Q-PA	8 Years	None	\$4,067	\$4,270
449	1/12/2009	62	75	GP2	11-P-Q-PA	5 Years	None	\$943	\$990
450	11/3/2008	65	79	GP2	11-P-Q-PA	5 Years	5% Simple	\$3,915	\$4,111
451	3/25/2008	58	72	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,253	\$1,253
452	3/28/2009	54	67	GP2	11-P-Q-PA	3 Years	5% Compound	\$1,503	\$1,503
453	3/24/2009	70	83	GP2	11-P-Q-PA(F)	5 Years	None	\$1,642	\$1,724
454	12/4/2009	54	67	GP2	11-P-Q-PA(F)	3 Years	None	\$644	\$644
455	9/19/2008	62	76	GP2	11-P-Q-PA	4 Years	3% Compound	\$3,829	\$3,829
456	7/14/2008	55	69	GP2	11-P-Q-PA	8 Years	5% Compound	\$2,809	\$2,949
457	5/1/2008	50	64	GP2	11-P-Q-PA	5 Years	3% Compound	\$1,342	\$1,409
458	3/10/2008	52	66	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,377	\$4,595
459	10/6/2008	57	71	GP2	11-P-Q-PA	4 Years	3% Compound	\$3,388	\$3,388
460	3/12/2008	60	74	GP2	11-P-Q-PA(F)	3 Years	None	\$1,501	\$1,501
461	3/3/2008	65	79	GP2	11-P-Q-PA(F)	3 Years	3% Compound	\$2,833	\$2,833
462	10/15/2009	60	73	GP2	11-P-Q-PA	3 Years	None	\$1,076	\$1,076

Attachment 2  
Allianz Life Insurance Company of North America  
Pennsylvania Serialtim Listing  
Policy Form Series: GP2  
As of 12/31/2022

Policy	Effective Date	Issue Age	Attained Age	Product Name	Policy Form Number	Benefit Period	COLA	Current Premium	Proposed Premium
463	6/4/2008	58	72	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,740	\$4,976
464	12/1/2007	60	75	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,464	\$1,464
465	2/28/2008	59	73	GP2	11-P-Q-PA(F)	4 Years	Times 5% Compo	\$1,353	\$1,353
466	10/26/2009	54	67	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,644	\$2,644
467	8/21/2007	57	72	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,176	\$3,335
468	1/7/2008	58	72	GP2	11-P-Q-PA	Lifetime	5% Compound	\$4,298	\$5,372
469	11/18/2007	48	63	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,331	\$2,331
470	2/8/2008	62	76	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,287	\$2,401
471	12/5/2007	59	74	GP2	11-P-Q-PA	5 Years	5% Compound	\$4,509	\$4,735
472	6/28/2007	56	71	GP2	11-P-Q-PA	8 Years	None	\$2,030	\$2,132
473	7/1/2008	34	48	GP2	11-P-Q-PA	Lifetime	None	\$1,152	\$1,441
474	12/11/2007	59	74	GP2	11-P-Q-PA	5 Years	5% Simple	\$2,149	\$2,256
475	1/20/2009	62	75	GP2	11-P-Q-PA	4 Years	3% Compound	\$3,243	\$3,243
476	7/12/2008	64	78	GP2	11-P-Q-PA(F)	3 Years	None	\$1,384	\$1,384
477	4/22/2007	48	63	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,053	\$2,053
478	3/18/2008	58	72	GP2	11-P-Q-PA	3 Years	5% Compound	\$3,270	\$3,270
479	2/24/2008	55	69	GP2	11-P-Q-PA	3 Years	5% Compound	\$2,116	\$2,116
480	8/14/2007	56	71	GP2	11-P-Q-PA	8 Years	5% Simple	\$2,741	\$2,878
481	1/17/2008	70	84	GP2	11-P-Q-PA	2 Years	5% Simple	\$3,486	\$3,486
482	3/18/2008	60	74	GP2	11-P-Q-PA	3 Years	5% Compound	\$3,043	\$3,043
483	5/14/2007	68	83	GP2	11-P-Q-PA	3 Years	5% Simple	\$2,360	\$2,360
484	1/3/2007	60	75	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,871	\$1,871
485	3/21/2008	63	77	GP2	11-P-Q-PA	3 Years	3% Compound	\$1,437	\$1,437
486	4/2/2009	42	55	GP2	11-P-Q-PA	5 Years	3% Compound	\$2,106	\$2,212
487	3/27/2008	61	75	GP2	11-P-Q-PA(F)	5 Years	3% Compound	\$2,968	\$3,116
488	6/13/2008	57	71	GP2	11-P-Q-PA	5 Years	None	\$1,073	\$1,127
489	4/16/2007	53	68	GP2	11-P-Q-PA	5 Years	5% Compound	\$3,025	\$3,176
490	7/23/2009	60	73	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,592	\$1,592
491	1/15/2007	55	70	GP2	11-P-Q-PA(F)	5 Years	5% Compound	\$2,866	\$3,009
492	9/7/2007	59	74	GP2	11-P-Q-PA	3 Years	5% Simple	\$1,774	\$1,774
493	9/21/2007	64	79	GP2	11-P-Q-PA	3 Years	5% Simple	\$4,126	\$4,126
494	7/23/2007	75	90	GP2	11-P-Q-PA	3 Years	None	\$6,254	\$6,254