

State: Pennsylvania **Filing Company:** United American Insurance Company
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

Filing at a Glance

Company: United American Insurance Company
 Product Name: 2015 United American Individual Long Term Care Rate Filing
 State: Pennsylvania
 TOI: LTC03I Individual Long Term Care
 Sub-TOI: LTC03I.003 Other
 Filing Type: Rate - Other (Not M.U. or G.I. Product)
 Date Submitted: 04/28/2015
 SERFF Tr Num: AMLC-130051622
 SERFF Status: Assigned
 State Tr Num: AMLC-130051622
 State Status: Received Review in Progress
 Co Tr Num: 2015 PA UA LTC GEN 1-4 RATE FILING

Implementation: 07/01/2015
 Date Requested:
 Author(s): Darla Grisolia
 Reviewer(s): Jim Laverty (AH) (primary)
 Disposition Date:
 Disposition Status:
 Implementation Date:

State Filing Description:
 Proposed 18.4% increase on 203 policyholders of United American forms NH1 (Rev. 4/87), NH2, NH2FL, NH3, NH3FL, LTC, LTC2, LTC2H, and LTC2HR95.

State: Pennsylvania **Filing Company:** United American Insurance Company
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

General Information

Project Name: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4 Status of Filing in Domicile: Pending
4

Project Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4 Date Approved in Domicile:

Requested Filing Mode: Review & Approval

Domicile Status Comments: A filing was submitted to Nebraska, our state of domicile, on February 25, 2015 and is currently pending.

Explanation for Combination/Other:

Market Type: Individual

Submission Type: New Submission

Individual Market Type:

Overall Rate Impact: 18.4%

Filing Status Changed: 04/28/2015

State Status Changed: 05/05/2015

Deemer Date:

Created By: Darla Grisolia

Submitted By: Darla Grisolia

Corresponding Filing Tracking Number: 2015 PA UA LTC GEN 1-4 Rate Filing

Filing Description:

Attached is our 2015 Rate Filing for Individual Long Term Care Policy Forms. The enclosed attachment to the Actuarial Memorandum indicates the amount of the requested rate revision which is 18.4%. The proposed effective date is July 1, 2015. An Actuarial Memorandum, premium rate schedule for policies in force as of December 31, 2013, and other supporting documentation are provided for your consideration. This is a closed block of business so the requested rate increase will apply only to renewals. NAIC # 92916

Generations 1 - 4

NH2 + 18.4%

NH3 + 18.4%

LTC + 18.4%

LTC2 + 18.4%

LTC2H + 18.4%

Company and Contact

Filing Contact Information

Darla Grisolia, Rate Compliance Specialist dgrisolia@torchmarkcorp.com

3700 S. Stonebridge Drive 469-525-4752 [Phone]

McKinney, TX 75070 972-569-3679 [FAX]

Filing Company Information

United American Insurance Company

P.O. Box 8080

McKinney, TX 75070-8080

(972) 529-5085 ext. [Phone]

CoCode: 92916

Group Code: 290

Group Name: Liberty National

FEIN Number: 73-1128555

State of Domicile: Nebraska

Company Type: Life and Health

State ID Number:

State: Pennsylvania **Filing Company:** United American Insurance Company
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
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Filing Fees

Fee Required? No

Retaliatory? No

Fee Explanation:

SERFF Tracking #:

AMLC-130051622

State Tracking #:

AMLC-130051622

Company Tracking #:

2015 PA UA LTC GEN 1-4 RATE FILING

State: Pennsylvania
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

Filing Company: United American Insurance Company

Rate Information

Rate data applies to filing.

Filing Method: SERFF
Rate Change Type: Increase
Overall Percentage of Last Rate Revision: 10.000%
Effective Date of Last Rate Revision: 02/18/2012
Filing Method of Last Filing: SERFF

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): |
|-----------------------------------|-----------------------------|------------------------|--|---|-----------------------------------|---------------------------------|---------------------------------|
| United American Insurance Company | 18.400% | 18.400% | \$57,090 | 203 | \$310,273 | 18.400% | 18.400% |

SERFF Tracking #:

AMLC-130051622

State Tracking #:

AMLC-130051622

Company Tracking #:

2015 PA UA LTC GEN 1-4 RATE FILING

State: Pennsylvania
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

Filing Company: United American Insurance Company

Rate/Rule Schedule

| Item No. | Schedule Item Status | Document Name | Affected Form Numbers (Separated with commas) | Rate Action | Rate Action Information | Attachments |
|----------|----------------------|-----------------------------|---|-------------|---|---------------------------------------|
| 1 | | 2015 LTC Gen 1-4 Rate Pages | NH3, LTC, LTC2, LTC2H | Revised | Previous State Filing Number: AMLC-127350184 Percent Rate Change Request: 18.4 | 2015 PA LTC Gen 1 - 4 Rate pages.pdf, |

UNITED AMERICAN INSURANCE COMPANY

McKinney, Texas

**POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4**

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------|-------------------------|
| NH2 | 006078845 | \$856.00 | \$1,014.00 |
| NH2 | 006141360 | \$944.00 | \$1,118.00 |
| NH3 | 006087377 | \$480.00 | \$568.00 |
| NH3 | 006092461 | \$506.00 | \$599.00 |
| NH3 | 006090716 | \$461.00 | \$546.00 |
| NH3 | 006094642 | \$1,349.00 | \$1,597.00 |
| NH3 | 006097743 | \$898.00 | \$1,063.00 |
| NH3 | 006107803 | \$1,040.00 | \$1,231.00 |
| NH3 | 006124382 | \$556.00 | \$658.00 |
| NH3 | 006124383 | \$506.00 | \$599.00 |
| NH3 | 006124384 | \$719.00 | \$851.00 |
| NH3 | 006131629 | \$871.00 | \$1,031.00 |
| NH3 | 006132193 | \$2,204.00 | \$2,610.00 |
| NH3 | 006134250 | \$815.00 | \$965.00 |
| NH3 | 006135648 | \$801.00 | \$948.00 |
| NH3 | 006136189 | \$1,040.00 | \$1,231.00 |
| NH3 | 006138514 | \$990.00 | \$1,172.00 |
| NH3 | 006138938 | \$1,079.00 | \$1,278.00 |
| NH3 | 006141900 | \$534.00 | \$632.00 |
| NH3 | 006141901 | \$534.00 | \$632.00 |
| NH3 | 006145452 | \$1,584.00 | \$1,875.00 |
| NH3 | 006146167 | \$2,929.00 | \$3,468.00 |
| NH3 | 006148862 | \$1,349.00 | \$1,597.00 |
| NH3 | 006148863 | \$1,124.00 | \$1,331.00 |
| NH3 | 006153174 | \$955.00 | \$1,131.00 |
| NH3 | 006157093 | \$2,199.00 | \$2,604.00 |
| NH3 | 006184465 | \$528.00 | \$625.00 |
| LTC | 006152038 | \$1,940.00 | \$2,297.00 |
| LTC | 006154815 | \$757.00 | \$896.00 |
| LTC | 573027345 | \$1,416.00 | \$1,677.00 |
| LTC | 573028311 | \$1,416.00 | \$1,677.00 |
| LTC | 006165175 | \$994.00 | \$1,177.00 |
| LTC | 006166475 | \$634.00 | \$751.00 |

UNITED AMERICAN INSURANCE COMPANY

McKinney, Texas

POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H

GENERATIONS 1-4

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------|-------------------------|
| LTC | 573029052 | \$734.00 | \$869.00 |
| LTC | 006169590 | \$571.00 | \$676.00 |
| LTC | 006169591 | \$571.00 | \$676.00 |
| LTC | 006171076 | \$395.00 | \$468.00 |
| LTC | 006173062 | \$1,334.00 | \$1,579.00 |
| LTC | 006174768 | \$629.00 | \$745.00 |
| LTC | 006174769 | \$407.00 | \$482.00 |
| LTC | 006175359 | \$672.00 | \$796.00 |
| LTC | 006176678 | \$1,051.00 | \$1,244.00 |
| LTC | 006176679 | \$957.00 | \$1,133.00 |
| LTC | 006179177 | \$1,112.00 | \$1,317.00 |
| LTC | 006183832 | \$380.00 | \$450.00 |
| LTC | 573035376 | \$1,273.00 | \$1,507.00 |
| LTC | 573035997 | \$1,113.00 | \$1,318.00 |
| LTC | 573036525 | \$741.00 | \$877.00 |
| LTC | 006199370 | \$1,560.00 | \$1,847.00 |
| LTC | 006199371 | \$1,437.00 | \$1,701.00 |
| LTC | 006202977 | \$2,112.00 | \$2,501.00 |
| LTC | 006204108 | \$1,591.00 | \$1,884.00 |
| LTC | 006204109 | \$2,023.00 | \$2,395.00 |
| LTC | 006207325 | \$629.00 | \$745.00 |
| LTC | 006208320 | \$1,569.00 | \$1,858.00 |
| LTC | 573039937 | \$796.00 | \$942.00 |
| LTC | 573040045 | \$935.00 | \$1,107.00 |
| LTC | 006209882 | \$741.00 | \$877.00 |
| LTC | 006209883 | \$606.00 | \$718.00 |
| LTC | 006209648 | \$890.00 | \$1,054.00 |
| LTC | 006211176 | \$1,186.00 | \$1,404.00 |
| LTC | 006212903 | \$509.00 | \$603.00 |
| LTC | 006213746 | \$788.00 | \$933.00 |
| LTC | 006213747 | \$1,128.00 | \$1,336.00 |
| LTC | 006217019 | \$2,533.00 | \$2,999.00 |
| LTC | 006218636 | \$340.00 | \$403.00 |

UNITED AMERICAN INSURANCE COMPANY

McKinney, Texas

**POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4**

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------|-------------------------|
| LTC | 006223859 | \$509.00 | \$603.00 |
| LTC | 006223860 | \$788.00 | \$933.00 |
| LTC | 006225500 | \$1,282.00 | \$1,518.00 |
| LTC | 006225501 | \$1,777.00 | \$2,104.00 |
| LTC | 006232606 | \$796.00 | \$942.00 |
| LTC | 006150652 | \$1,146.00 | \$1,357.00 |
| LTC | 006151888 | \$989.00 | \$1,171.00 |
| LTC | 006152098 | \$2,115.00 | \$2,504.00 |
| LTC | 006152994 | \$2,564.00 | \$3,036.00 |
| LTC | 006153435 | \$2,317.00 | \$2,743.00 |
| LTC | 006154263 | \$1,015.00 | \$1,202.00 |
| LTC | 006154993 | \$1,112.00 | \$1,317.00 |
| LTC | 006157921 | \$1,205.00 | \$1,427.00 |
| LTC | 006158550 | \$1,056.00 | \$1,250.00 |
| LTC | 006162374 | \$2,115.00 | \$2,504.00 |
| LTC | 006164709 | \$989.00 | \$1,171.00 |
| LTC | 006165566 | \$1,199.00 | \$1,420.00 |
| LTC | 006165792 | \$1,977.00 | \$2,341.00 |
| LTC | 006167608 | \$1,452.00 | \$1,719.00 |
| LTC | 006167609 | \$1,452.00 | \$1,719.00 |
| LTC | 006168705 | \$2,610.00 | \$3,090.00 |
| LTC | 006167938 | \$1,168.00 | \$1,383.00 |
| LTC | 006172175 | \$1,015.00 | \$1,202.00 |
| LTC | 006181185 | \$2,471.00 | \$2,926.00 |
| LTC | 006182680 | \$1,112.00 | \$1,317.00 |
| LTC | 006183565 | \$1,452.00 | \$1,719.00 |
| LTC | 006186534 | \$2,888.00 | \$3,419.00 |
| LTC | 006188493 | \$2,115.00 | \$2,504.00 |
| LTC | 006190205 | \$1,946.00 | \$2,304.00 |
| LTC | 006192316 | \$3,984.00 | \$4,717.00 |
| LTC | 006192642 | \$2,163.00 | \$2,561.00 |
| LTC | 006192641 | \$2,163.00 | \$2,561.00 |
| LTC | 006193138 | \$2,378.00 | \$2,816.00 |

UNITED AMERICAN INSURANCE COMPANY
McKinney, Texas

POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------|-------------------------|
| LTC | 006193676 | \$1,792.00 | \$2,122.00 |
| LTC | 006198803 | \$1,025.00 | \$1,214.00 |
| LTC | 006199364 | \$1,761.00 | \$2,085.00 |
| LTC | 006199428 | \$1,498.00 | \$1,774.00 |
| LTC | 006200232 | \$942.00 | \$1,115.00 |
| LTC | 006201454 | \$1,603.00 | \$1,898.00 |
| LTC | 006201455 | \$634.00 | \$751.00 |
| LTC | 006202754 | \$890.00 | \$1,054.00 |
| LTC | 006203129 | \$2,115.00 | \$2,504.00 |
| LTC | 006205652 | \$1,498.00 | \$1,774.00 |
| LTC | 006205653 | \$2,115.00 | \$2,504.00 |
| LTC | 006205654 | \$1,693.00 | \$2,005.00 |
| LTC | 006208336 | \$1,112.00 | \$1,317.00 |
| LTC | 573040178 | \$1,000.00 | \$1,184.00 |
| LTC | 573040498 | \$2,301.00 | \$2,724.00 |
| LTC | 006211635 | \$1,081.00 | \$1,280.00 |
| LTC | 006211711 | \$2,115.00 | \$2,504.00 |
| LTC | 006210496 | \$1,977.00 | \$2,341.00 |
| LTC | 006211875 | \$1,766.00 | \$2,091.00 |
| LTC | 006209645 | \$2,163.00 | \$2,561.00 |
| LTC | 006215417 | \$1,112.00 | \$1,317.00 |
| LTC | 006216063 | \$2,115.00 | \$2,504.00 |
| LTC | 006216885 | \$1,081.00 | \$1,280.00 |
| LTC | 006216886 | \$1,498.00 | \$1,774.00 |
| LTC | 006217151 | \$375.00 | \$444.00 |
| LTC | 006217752 | \$1,452.00 | \$1,719.00 |
| LTC | 006219572 | \$1,498.00 | \$1,774.00 |
| LTC | 006220451 | \$1,112.00 | \$1,317.00 |
| LTC | 006220452 | \$1,112.00 | \$1,317.00 |
| LTC | 006220813 | \$711.00 | \$842.00 |
| LTC | 006222017 | \$3,506.00 | \$4,151.00 |
| LTC | 006222793 | \$1,498.00 | \$1,774.00 |
| LTC | 006224096 | \$634.00 | \$751.00 |

UNITED AMERICAN INSURANCE COMPANY
McKinney, Texas

POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------|-------------------------|
| LTC | 006224097 | \$634.00 | \$751.00 |
| LTC | 006225687 | \$2,085.00 | \$2,469.00 |
| LTC | 006237134 | \$1,471.00 | \$1,742.00 |
| LTC | 006240424 | \$634.00 | \$751.00 |
| LTC | 006283588 | \$432.00 | \$511.00 |
| LTC2 | 006246445 | \$2,100.00 | \$2,486.00 |
| LTC2 | 006254933 | \$1,282.00 | \$1,518.00 |
| LTC2 | 006277806 | \$3,295.00 | \$3,901.00 |
| LTC2 | 006349343 | \$487.00 | \$577.00 |
| LTC2 | 573102484 | \$1,406.00 | \$1,665.00 |
| LTC2 | 573109421 | \$1,557.00 | \$1,843.00 |
| LTC2 | 573121677 | \$421.00 | \$421.00 |
| LTC2 | 573121678 | \$421.00 | \$421.00 |
| LTC2 | 573056813 | \$1,747.00 | \$2,068.00 |
| LTC2 | 573099548 | \$2,069.00 | \$2,450.00 |
| LTC2 | 006225750 | \$1,139.00 | \$1,349.00 |
| LTC2 | 006235945 | \$1,480.00 | \$1,752.00 |
| LTC2 | 573056633 | \$1,069.00 | \$1,266.00 |
| LTC2 | 573056634 | \$1,069.00 | \$1,266.00 |
| LTC2 | 006244901 | \$1,056.00 | \$1,250.00 |
| LTC2 | 006244902 | \$1,334.00 | \$1,579.00 |
| LTC2 | 573070778 | \$1,236.00 | \$1,463.00 |
| LTC2 | 573070779 | \$932.00 | \$1,103.00 |
| LTC2 | 006282073 | \$1,807.00 | \$2,139.00 |
| LTC2 | 573092909 | \$1,687.00 | \$1,997.00 |
| LTC2 | 573108018 | \$1,483.00 | \$1,756.00 |
| LTC2 | 573108255 | \$1,483.00 | \$1,756.00 |
| LTC2 | 573123050 | \$1,388.00 | \$1,388.00 |
| LTC2 | 006492755 | \$1,747.00 | \$1,747.00 |
| LTC2H | 006225752 | \$1,603.00 | \$1,898.00 |
| LTC2H | 006231081 | \$2,966.00 | \$3,512.00 |
| LTC2H | 573059304 | \$1,769.00 | \$2,094.00 |
| LTC2H | 006255582 | \$1,445.00 | \$1,711.00 |

UNITED AMERICAN INSURANCE COMPANY

McKinney, Texas

**POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4**

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| <u>Policy Form</u> | <u>Policy Number</u> | <u>Current Annual Premium</u> | <u>Proposed Annual Premium</u> |
|--------------------|----------------------|---------------------------------------|--|
| LTC2H | 006255583 | \$1,278.00 | \$1,513.00 |
| LTC2H | 006268486 | \$1,278.00 | \$1,513.00 |
| LTC2H | 573087010 | \$3,078.00 | \$3,644.00 |
| LTC2H | 573090131 | \$1,223.00 | \$1,448.00 |
| LTC2H | 573090132 | \$1,140.00 | \$1,350.00 |
| LTC2H | 006341917 | \$814.00 | \$964.00 |
| LTC2H | 006341918 | \$541.00 | \$641.00 |
| LTC2H | 006349340 | \$1,223.00 | \$1,448.00 |
| LTC2H | 006349341 | \$1,363.00 | \$1,614.00 |
| LTC2H | 573101639 | \$1,278.00 | \$1,513.00 |
| LTC2H | 006369487 | \$495.00 | \$586.00 |
| LTC2H | 006369488 | \$834.00 | \$987.00 |
| LTC2H | 573111168 | \$2,888.00 | \$3,419.00 |
| LTC2H | 573055087 | \$2,002.00 | \$2,370.00 |
| LTC2H | 573057096 | \$1,276.00 | \$1,511.00 |
| LTC2H | 573057097 | \$1,217.00 | \$1,441.00 |
| LTC2H | 573058942 | \$1,040.00 | \$1,231.00 |
| LTC2H | 573128972 | \$1,664.00 | \$1,664.00 |
| LTC2H | 006224909 | \$1,081.00 | \$1,280.00 |
| LTC2H | 006230074 | \$2,486.00 | \$2,943.00 |
| LTC2H | 006229628 | \$1,900.00 | \$2,250.00 |
| LTC2H | 006231183 | \$1,946.00 | \$2,304.00 |
| LTC2H | 006237415 | \$1,085.00 | \$1,285.00 |
| LTC2H | 006240238 | \$1,777.00 | \$2,104.00 |
| LTC2H | 006245933 | \$1,483.00 | \$1,756.00 |
| LTC2H | 006249392 | \$3,212.00 | \$3,803.00 |
| LTC2H | 006240754 | \$2,002.00 | \$2,370.00 |
| LTC2H | 006250213 | \$3,670.00 | \$4,345.00 |
| LTC2H | 006292637 | \$2,724.00 | \$3,225.00 |
| LTC2H | 573127639 | \$2,726.00 | \$2,726.00 |
| LTC2H | 573127640 | \$2,551.00 | \$2,551.00 |
| LTC2H | 006222392 | \$4,664.00 | \$5,522.00 |
| LTC2H | 006236482 | \$3,552.00 | \$4,206.00 |

UNITED AMERICAN INSURANCE COMPANY
McKinney, Texas

POLICY FORMS NH2, NH3, LTC, LTC2 and LTC2H
GENERATIONS 1-4

PENNSYLVANIA

Current and Proposed Annual Premium Rates

| Policy Form | Policy Number | Current Annual Premium | Proposed Annual Premium |
|-------------|---------------|------------------------------|-------------------------------|
| LTC2H | 573086126 | \$4,782.00 | \$5,662.00 |
| LTC2H | 006414136 | \$1,014.00 | \$1,014.00 |
| LTC2H | 006217282 | \$5,189.00 | \$6,144.00 |
| LTC2H | 006235324 | \$3,784.00 | \$4,480.00 |
| LTC2H | 006226637 | \$4,794.00 | \$5,676.00 |

State: Pennsylvania

Filing Company:

United American Insurance Company

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other

Product Name: 2015 United American Individual Long Term Care Rate Filing

Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

Supporting Document Schedules

| | |
|--------------------------|--|
| Satisfied - Item: | Transmittal Letter (A&H) |
| Comments: | |
| Attachment(s): | 2015 PA LTC Gen 1 - 4 Rate Filing Letter.pdf |
| Item Status: | |
| Status Date: | |

| | |
|-------------------------|-----------------------------------|
| Bypassed - Item: | Actuarial Certification (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

| | |
|--------------------------|--|
| Satisfied - Item: | Actuarial Memorandum and Explanatory Information (A&H) |
| Comments: | |
| Attachment(s): | 2015 PA LTC Gen 1 -4 Actuarial Memorandum.pdf |
| Item Status: | |
| Status Date: | |

| | |
|-------------------------|-----------------------------------|
| Bypassed - Item: | Advertisements (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

| | |
|-------------------------|-----------------------------|
| Bypassed - Item: | Authorization to File (A&H) |
| Bypass Reason: | N/A |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

| | |
|-------------------------|-----------------------------------|
| Bypassed - Item: | Insert Page Explanation (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

SERFF Tracking #:

AMLC-130051622

State Tracking #:

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Company Tracking #:

2015 PA UA LTC GEN 1-4 RATE FILING

State: Pennsylvania
TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.003 Other
Product Name: 2015 United American Individual Long Term Care Rate Filing
Project Name/Number: 2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4/2015 PA UA LTC GEN 1-4 Rate Filing - Gen 1-4

Filing Company: United American Insurance Company

| | |
|-------------------------|-----------------------------------|
| Bypassed - Item: | Rate Table (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

| | |
|-------------------------|---|
| Bypassed - Item: | Replacement Form with Highlighted Changes (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

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|-------------------------|-----------------------------------|
| Bypassed - Item: | Reserve Calculation (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |

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|-------------------------|-----------------------------------|
| Bypassed - Item: | Variability Explanation (A&H) |
| Bypass Reason: | N/A - This is a rate filing only. |
| Attachment(s): | |
| Item Status: | |
| Status Date: | |



April 28, 2015

Honorable Michael F. Consedine
Insurance Commissioner
Pennsylvania Insurance Department
1326 Strawberry Square
Harrisburg, Pennsylvania 17120

ATTN: Mr. Peter Camacci

RE: 2015 Rate Filing
Individual Long-Term Care Policy Forms **NH2, NH3, LTC, LTC2 and LTC2H**
Generations 1- 4
NAIC# 92916

Enclosed is our 2015 Rate Filing for the captioned policy forms. An Actuarial Memorandum, premium rate schedule for policies in force as of December 31, 2013, and other supporting documentation are provided for your consideration.

The enclosed Attachments to Actuarial Memorandum indicate the amount of the requested rate revision. This is a closed block of business so the requested rate increase will apply only to renewals.

If you have any questions, please feel free to contact me by phone at (469) 525-4752, by e-mail at dgrisoila@torchmarkcorp.com, or by fax at (972)569-3679.

We look forward to a favorable and timely response.

Sincerely,

A handwritten signature in cursive script that reads 'Darla Grisoila'.

Darla Grisoila
Rate Compliance Specialist



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Suite 100
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Daniel A. Nitz, FSA, MAAA
Consulting Actuary

Dan.nitz@milliman.com

April 24, 2015

**Actuarial Memorandum Supporting Rate Revision for
United American Insurance Company
Individual Long-Term Care Insurance Plan
Generation 1 to 4
(Page 1 of 5)**

1. SCOPE AND PURPOSE

The purpose of this memorandum is to provide actuarial information supporting a rate revision to premiums for United American Insurance Company's (the Company) individual long term care forms NH1 (Rev. 4/87), NH2, NH2FL, NH3, NH3FL, LTC, LTC2, LTC2H, and LTC2HR95 (PA Only) and associated riders. These forms are referred to as Generations 1 to 4. (Some riders may not be available in all states.)

These forms were sold nationwide from 1987 to 2004 and are no longer being marketed in any state.

The Company is requesting an 18.4% rate increase. The rate revision is necessary because the current estimate of the nationwide lifetime loss ratio is in excess of expected. The rate revision is only being requested on policies issued before the state's rate stabilization date. This rate filing is not intended to be used for other purposes.

The body of this Actuarial Memorandum was written to apply to each state where these policy forms were issued. Any reference to information that is specific to a particular state is included in the Appendices of this filing.

Please refer to Section 23 for a description of the information contained in each Appendix.

2. DESCRIPTION OF BENEFITS

Appendix B contains a brief summary of the benefits contained in these base forms and associated riders. A complete description of the benefit provisions and conditions for eligibility is contained in the policy forms and riders on file with the state.

3. RENEWABILITY CLAUSE

These forms are Guaranteed Renewable, Individual Long Term Care policies.

4. MARKETING METHOD

These plans were marketed to individuals by licensed agents. None of these plans are sold anymore.

5. UNDERWRITING

All policies subject to this rate revision were subject to full medical underwriting in accordance with the Company's standards in place at the time of issue.

6. APPLICABILITY

The revised rates will be applicable to all renewals of these policy forms and riders described in Section 1 for policies issued prior to the state's rate stabilization date. Rate revisions are not being requested on policies being issued on or after the rate stabilization date.

7. ACTUARIAL ASSUMPTIONS

The actuarial assumptions used to project the future premiums and claims are described in this section. Appendix D provides further details of the experience studies conducted that were used to develop the actuarial assumptions. The current assumptions are the best estimate expectations of future experience and do not include any provisions for adverse experience.

Morbidity

The best estimate morbidity assumptions were developed based on a combination of the Company's historical claim experience, the Milliman 2011 *Long Term Care Guidelines (Guidelines)*, and judgment. The *Guidelines* reflect over 15.3 million life years of exposure and \$10.5 billion of incurred claims and the experience and judgment of Milliman actuaries. The policy design and coverages, the underwriting applied at the time, and the claim adjudication process were all considered when setting the claim cost assumptions. The claim cost assumptions reflect the current best estimate of future morbidity. The assumptions do not include any future morbidity improvement, adverse selection from the rate increase, or loads for moderately adverse experience.

Mortality

The mortality assumptions were developed from a mortality study conducted on United American's experience and judgment. The best estimate mortality assumption is 80% of the male mortality and 90% of the female mortality from the 1994 GAM Mortality Table on a sex distinct basis with mortality selection factors. Mortality selection factors start at 0.25 in duration 1 and grading up to 1.00 in duration 11. A factor of 0.82 was applied to reflect past mortality improvement of 1% per year from 1994 to 2013. No future mortality improvement is assumed. The mortality assumption was compared to actual mortality experience, when available, for reasonableness. The assumptions do not include any loads for moderately adverse experience.

Lapses

The voluntary lapse assumptions were developed from a policy persistency study conducted on the Company's experience and judgment. Lapse rates are combined with mortality rates to derive the total termination rate. In addition, the projections also terminate a policy if the insured exhausts their benefits. We assumed all remaining policies would terminate at attained age 120. The lapse assumptions represent the best estimate expectations of future experience and do not include any provisions for adverse experience. Further, no shock lapse or claims anti-selection was assumed in this filing. Lapse rates are shown below and vary by policy duration.

| Policy Duration | Lapse Rate |
|-----------------|------------|
| 1 | 32.0% |
| 2 | 20.0% |
| 3 | 14.0% |
| 4 | 10.0% |
| 5 | 8.5% |
| 6 | 7.0% |
| 7 | 6.0% |
| 8 | 5.5% |
| 9 | 5.0% |
| 10 | 4.5% |
| 11 | 4.5% |
| 12 | 4.5% |
| 13+ | 4.0% |

Appendix E contains a comparison of the actual total termination rates to both the original pricing assumptions and current assumptions.

Interest Rate

An annual interest rate of 4.5% was used to calculate the lifetime loss ratio in the supporting appendices.

Expenses

The need for a rate increase is based on the lifetime loss ratio being in excess of the minimum loss ratio. Expenses do not directly impact the lifetime loss ratio and, therefore, are not used as justification for the rate increase. As such, expenses are not being projected and are not included in this filing.

8. PREMIUM CLASSES

The rate revision will be applied as a consistent percentage to all premium classes.

9. ISSUE AGE RANGE

This policy was available for each form as follows. Premiums are based on issue age.

- NH1: Issue ages 50 - 70
- NH2 and NH2FL: Issue ages 50 - 79
- NH3 and NH3FL: Issue ages 50 - 79
- LTC: Issue ages 50 - 79
- LTC2:
 - Issue ages 50 - 84 for 2 year BP
 - Issue ages 50 - 79 for 4 year BP
- LTC2H:
 - Issue ages 50 - 79 for 2, 4, or 6 year BP
 - Issue ages 60 - 79 for lifetime BP
- LTC2HR95: Issue ages 18 - 79

10. AREA FACTORS

The Company did not use area factors within the state in the premium scale for these forms.

11. AVERAGE ANNUAL PREMIUM

The average annual premium for these forms for both prior to the impact of the requested rate increase, and after, is indicated in Appendix A to this memorandum.

12. MODAL PREMIUM FACTORS

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

13. CLAIM LIABILITY AND RESERVE

Claim reserves were calculated using appropriate actuarial methods for IBNR and for open claims on a disabled life basis. The claim reserves were discounted to the date of incurral for each claim and have been included in the historical incurred claims.

14. ACTIVE LIFE RESERVES

We have provided supporting evidence for the justification of the proposed increase based on the relationship of incurred claims divided by earned premium compared to the minimum required loss ratios. Incurred claims exclude any change in active life reserves.

15. TREND ASSUMPTION

Benefits payable are equal to or less than the daily benefit limit. We have not included any medical trend in the projections.

16. DEMONSTRATION OF SATISFACTION OF LOSS RATIO REQUIREMENTS

Satisfaction of the loss ratio requirement is demonstrated in Appendix A. The demonstration is based on a minimum loss ratio and shows that with the requested rate increase, the lifetime loss ratio exceeds the minimum loss ratio requirement. The minimum loss ratio for this state is shown in Appendix A.

17. 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, 2013 to project future experience. Appendix F contains the distribution of the inforce policies by key demographic and benefit characteristics.

18. EXPERIENCE – PAST AND FUTURE

The historical and projected nationwide experience, both with and without the rate increase, is contained in Appendix C.

The historical and projected experience for this state, both with and without the rate increase, is contained in Appendix G.

Historical experience is shown by claim incurral year.

19. LIFETIME LOSS RATIO

The anticipated nationwide lifetime loss ratios, both without a rate increase and with the requested rate increase, are shown in Appendix A. The development of these nationwide lifetime loss ratios, are shown in Appendix C.

The rate increase is assumed effective July 1, 2015.

20. HISTORY OF RATE ADJUSTMENTS

Please refer to Appendix A for the history of rate adjustments that have been approved in this state.

21. NUMBER OF POLICYHOLDERS

The current number of policyholders as of December 31, 2013 can be found in Appendix A.

22. PROPOSED EFFECTIVE DATE

This rate will be implemented as soon as possible after approval has been granted as allowed based on regulation.

23. SUMMARY OF APPENDICES

Appendix A contains information that is specific to the state in which this filing is made. Examples of some items include are the requested rate increase, the average annual premium, demonstration of meeting required minimum loss ratio standards, the number of policyholders inforce, etc.

Appendix B contains a summary of the benefits provided under these forms and available riders.

Appendix C contains historical and projected nationwide experience for all policies issued under this form. The appendix also includes the projected lifetime loss ratios both without and with the proposed increase.

Appendix D contains a description of the experience studies conducted on the Company actual experience.

Appendix E contains a comparison of the actual total termination rates to both the original pricing assumptions and the current assumptions.

Appendix F contains the distribution of the inforce policies by key demographic and benefit characteristics.

Appendix G contains the same information as Appendix C except it contains only state specific experience and projections.

24. ACTUARIAL CERTIFICATION

I, Daniel A Nitz, am an Actuary employed by Milliman. I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Qualification Standards of American Academy of Actuaries to render actuarial opinions contained herein.

To the best of my knowledge and judgment this rate filing is in compliance with the applicable laws and regulations of this State as they relate to premium rate developments and revisions. This Actuarial Memorandum complies with all applicable Actuarial Standards of Practice, including ASOP No. 8.

The policy design and coverages, the underwriting used at the time of issue, and the claim adjudication process were all considered when setting the actuarial assumptions.

The projected experience shown in this Actuarial Memorandum is based on best estimate assumptions and does not include any provision for moderately adverse experience. In my opinion, the rates are not excessive or unfairly discriminatory.



Daniel A. Nitz, FSA, MAAA
Consulting Actuary
April 24, 2015

Appendix A
United American Insurance Company
Generation 1-4

Pennsylvania

Requested Rate Increase = 18.4%

11. Average Annual Premium

The average annual premium for this form and associated riders, prior to the rate increase, is:

| | |
|--------------|---------|
| Pennsylvania | \$1,528 |
| Nationwide | \$1,344 |

The average annual premium for this form and associated riders, after the rate increase, is:

| | |
|--------------|---------|
| Pennsylvania | \$1,810 |
| Nationwide | \$1,592 |

16. Satisfaction of Loss Ratio Requirements

Loss Ratio Stability Requirement:

| | |
|--|-----|
| 1) Expected Lifetime Loss Ratio with Rate Increase | 66% |
| 2) Minimum Required Loss Ratio | 60% |
| Is 1 greater than 2? | Yes |

19. Lifetime Loss Ratio - Nationwide

| | |
|--|-----|
| The Lifetime Loss Ratio for all policies without the requested rate increase is: | 66% |
| The Lifetime Loss Ratio for all policies with the requested rate increase is: | 66% |

20. History of Rate Adjustments

- 30% increase approved for the Form LTC in February 2005
- 30% increase approved for the Forms LTC2 and LTC2H in February 2005
- 18.2% increase approved for the Forms NH2 and NH3 in January 2005
- 8% increase approved for the Form LTC in June 2009
- 8% increase approved for the Forms LTC2 and LTC2H in June 2009
- 8% increase approved for the Forms NH2 and NH3 in June 2009
- 10% increase approved for the Form LTC in December 2011
- 10% increase approved for the Forms LTC2 and LTC2H in December 2011
- 10% increase approved for the Forms NH2 and NH3 in December 2011

21. Number of Policyholders and Annualized Premium as of December 31, 2013

| | All Policies | |
|--------------|--------------|-------------|
| | Policies | Premium |
| Pennsylvania | 203 | \$310,273 |
| Nationwide | 3,171 | \$4,263,009 |

Appendix B

United American Insurance Company Generations 1 to 4 Summary of Policy Benefits

This Appendix contains a brief summary of the benefits contained in this base form and associated riders. A complete description of the benefit provisions and conditions for eligibility is contained in the policy forms and riders on file with the state.

FORMS NH1 (REV. 4/87), NH2, NH2FL, NH3, NH3FL AND ASSOCIATED RIDERS (GENERATIONS 1 & 2)

Nursing Home

The following benefit periods (BP) are available under each form:

- NH1: Varies depending on when confinement begins
 - Prior to 5th policy anniversary – 30 months
 - Between 5th and 10th policy anniversary – 45 months
 - Between 10th and 15th policy anniversary – 60 months
 - After 15th policy anniversary – 75 months
- NH2 and NH2FL: 1,825 days (1,460 days per confinement)
- NH3 and NH3FL: 1,095 days (730 days per confinement) or 1,825 days (1,460 days per confinement)

The following elimination periods (EP) are available under each form:

- NH1: 30 days
- NH2: 7 days
- NH2FL: 7 days if confinement due to sickness; 0 days if confinement due to injury
- NH3: 7 days for 1,825 days BP and 100 days for 1,095 days BP
- NH3FL: 0 days if confinement due to injury; if confinement due to sickness, then same as NH3

To qualify for benefits under each policy form, the care and / or services must be:

- NH1: Medically necessary
- NH2 and NH2FL: Medically necessary and within 30 days following a hospital confinement of at least 3 consecutive days.
- NH3 and NH3FL: Medically necessary

For each day the insured is confined in a nursing home, the Company will pay the maximum daily benefit under form NH1. Under forms NH2, NH2FL, NH3, and NH3FL, the Company will pay for eligible incurred expenses each day, subject to the maximum daily benefit. Benefits will be paid for the maximum benefit period beginning on the first day after the elimination period for each period of care.

Hospice Care

For forms NH2 and NH3, the Company will pay for up to 180 days the charges incurred up to the daily nursing home benefit selected. To qualify for benefits, a physician must certify the insured has a life expectancy of 180 days or less.

Hospice care is not covered under forms NH1, NH2FL, and NH3FL.

Appendix B

United American Insurance Company Generations 1 to 4 Summary of Policy Benefits

Waiver of Premium

Premiums will be waived once the insured receives nursing home benefits for 12 consecutive months under form NH1. Premiums will be waived once the insured receives nursing home benefits for 180 days under forms NH2, NH2FL, NH3, and NH3FL.

Premiums will continue to be waived as long as the insured continues to receive such benefits.

Restoration of Benefits

Under form NH1, when benefits are paid for nursing home care, the benefit period will be restored to its full original maximum if the insured is care free for 24 consecutive months.

Restoration of benefits is not available under forms NH2, NH2FL, NH3, and NH3FL.

Home Health Care

Benefits are structured as follows under each form:

- NH1: Pays \$45 per day, matching the number of days confined in a nursing home, subject to a maximum of 30 days. The care must be ordered by a physician within 3 days after being discharged from the nursing home.
- NH2 and NH3: Pays up to 50% of the nursing home daily benefit, matching the number of days confined in a nursing home, subject to a maximum of 365 days. The care must be ordered by a physician and be provided by a state-licensed home health care agency or practitioner.
- Home health care is not available under forms NH2FL and NH3FL.

FORM LTC AND ASSOCIATED RIDERS (GENERATION 3)

Nursing Home

The insured had the option of choosing two benefit periods: 2 and 4 years. Additionally, the insured could choose from two elimination periods: 7 and 100 days.

To qualify for nursing home benefits, the care and / or services must be: 1) due to being unable to perform 2 or more activities of daily living; or 2) due to cognitive impairment.

For each day the insured is confined in a nursing home, the Company will pay for eligible incurred expenses each day, subject to the maximum daily benefit. This benefit will be paid for the maximum benefit period beginning on the first day after the elimination period for each period of care.

Waiver of Premium

Premiums will be waived once the insured receives nursing home benefits for 90 consecutive days. Premiums will continue to be waived as long as the insured continues to receive such benefits.

The following optional benefits are provided under Generation 3:

Appendix B

United American Insurance Company Generations 1 to 4 Summary of Policy Benefits

Home Health Care (HHCBR)

The benefit period is determined by the nursing home benefit period (BP) selected. For a 2 year nursing home BP, the home health care BP is 1 year. For a 4 year nursing home BP, the home health care BP is 2 years. The insured can choose from 7 and 100 days as one elimination period for both nursing home and home health care combined.

To qualify for home health care benefits, the care and / or services must be: 1) due to being unable to perform 2 or more activities of daily living; or 2) due to cognitive impairment.

The Company will pay for eligible home health care expenses incurred each day up to 50% of the maximum qualified nursing home daily benefit. The care must be ordered by a physician and be provided by a state-licensed home health care agency or practitioner. This benefit will be paid for the maximum benefit period beginning on the first day after the elimination period for each period of care.

Inflation Protection (LTCIBR)

The maximum daily benefit will automatically increase annually on the policy anniversary date. Each increase will equal 5% of the originally issued maximum daily benefit. The maximum increase for all years is two times the original maximum daily benefit.

FORMS LTC2, LTC2H, LTC2HR95 (PA ONLY) (GENERATION 4)

Nursing Home and Assisted Living Facility

The following benefit periods (BP) were available under each form:

- LTC2: 2 or 4 years
- LTC2H: 2, 4, or 6 years or lifetime
- LTC2HR95: 2, 4, or 6 years

Under these forms, the insured could choose from two elimination periods: 30 or 100 days.

To qualify for nursing home and assisted living facility benefits under these policy forms, the care and / or services must be: 1) medically necessary; 2) due to being unable to perform 2 or more activities of daily living; or 3) due to cognitive impairment.

For each day the insured is confined in a nursing home, the Company will pay the maximum daily benefit. For each day the insured is confined in an assisted living facility, the Company will pay 60% of the maximum qualified nursing home daily benefit. This benefit will be paid for the maximum benefit period beginning on the first day after the elimination period for each period of care.

Bed Reservation

An amount equal to the maximum daily benefit will be paid to hold a nursing home or assisted living facility room while temporarily hospitalized in the course of a nursing home or assisted living facility confinement. This benefit is limited to fourteen days for each period of care.

Waiver of Premium

Premiums will be waived once the insured receives nursing home or assisted living facility benefits for 90 consecutive days. Premiums will continue to be waived as long as the insured continues to receive such benefits.

Appendix B

United American Insurance Company Generations 1 to 4 Summary of Policy Benefits

Restoration of Benefits

When benefits are paid for nursing home or assisted living facility care, the benefit period will be restored to its full original maximum if the insured is care free for two consecutive years.

Alternative Plan of Care

If the insured would otherwise qualify for benefits for confinement in a nursing home or assisted living facility, the Company may pay services under a written alternative plan of care. It must be agreed upon by the insured, his / her physician, and the Company. This benefit is limited to thirty times the maximum qualified nursing home daily benefit.

Home Health Care

Home health care benefits are not available under form LTC2.

Under forms LTC2H and LTC2HR95, the home health care benefit period is determined by the nursing home benefit period (BP) selected as follows:

- 2 year nursing home BP: 1 year home health care BP
- 4 year nursing home BP: 2 year home health care BP
- 6 year nursing home BP: 4 year home health care BP
- Lifetime nursing home BP: 6 year home health care BP (not available under LTC2HR95)

The insured can choose from 30 and 100 days as one elimination period for nursing home, assisted living facility, and home health care combined.

To qualify for home health care benefits, the care and / or services must be: 1) medically necessary; 2) due to being unable to perform 2 or more activities of daily living; or 3) due to cognitive impairment.

The Company will pay for eligible home health care expenses incurred each day up to 50% of the maximum qualified nursing home daily benefit. The care must be ordered by a physician and be provided by a state-licensed home health care agency or practitioner. This benefit will be paid for the maximum benefit period beginning on the first day after the elimination period for each period of care.

Adult Day Care

Adult day care benefits are not available under form LTC2.

Under forms LTC2H and LTC2HR95, for each day the insured receives adult day care, the Company will pay the minimum of the following: 1) 80% of actual incurred expenses; or 2) 50% of the maximum qualified nursing home daily benefit. This benefit will be paid for the maximum home health care benefit period beginning on the first day after the elimination period for each period of care.

Respite Care

Respite care benefits are not available under form LTC2.

Under forms LTC2H and LTC2HR95, for each day the insured receives respite care after the policy has been in-force for 6 months, the Company will pay for expenses incurred up to 100% of the maximum qualified nursing home daily benefit. This benefit will be paid for 14 days per calendar year. Unused days cannot be carried over to the next year.

Appendix B

United American Insurance Company Generations 1 to 4 Summary of Policy Benefits

The following optional benefits are provided under Generation 4:

Inflation Protection (LTC2IBR)

The maximum daily benefit will automatically increase annually on the policy anniversary date. Each increase will equal 5% of the current maximum daily benefit.

Return of Premium Benefit – Florida Only (LTC2ROP)

After the policy has been in-force for five years, a portion of premiums paid less claims paid will be returned on death or cancellation of the policy.

Appendix C
United American Insurance Company
Historical and Projected Experience
Nationwide Experience - All Policies
Generation 1-4

Historical

| Calendar Year | Earned Premium | Paid Claims | Claim Reserve | Incurred Claims | Incurred Ratio |
|---|----------------|-------------|---------------|-----------------|----------------|
| 1987 | 142,790 | 0 | 0 | 0 | 0% |
| 1988 | 2,191,365 | 233,529 | 0 | 233,529 | 11% |
| 1989 | 8,025,487 | 1,311,211 | 0 | 1,311,211 | 16% |
| 1990 | 12,951,661 | 2,475,240 | 0 | 2,475,240 | 19% |
| 1991 | 15,223,401 | 4,670,408 | 0 | 4,670,408 | 31% |
| 1992 | 17,169,203 | 4,923,582 | 0 | 4,923,582 | 29% |
| 1993 | 17,880,096 | 6,494,963 | 0 | 6,494,963 | 36% |
| 1994 | 18,595,835 | 8,553,469 | 0 | 8,553,469 | 46% |
| 1995 | 19,577,633 | 8,123,274 | 0 | 8,123,274 | 41% |
| 1996 | 19,425,245 | 8,147,896 | 0 | 8,147,896 | 42% |
| 1997 | 18,063,433 | 9,202,651 | 0 | 9,202,651 | 51% |
| 1998 | 16,154,648 | 10,672,322 | 0 | 10,672,322 | 66% |
| 1999 | 14,374,652 | 10,751,703 | 150,812 | 10,902,515 | 76% |
| 2000 | 12,905,457 | 10,211,722 | 0 | 10,211,722 | 79% |
| 2001 | 11,562,965 | 10,028,094 | 0 | 10,028,094 | 87% |
| 2002 | 10,382,602 | 9,918,331 | 0 | 9,918,331 | 96% |
| 2003 | 9,153,762 | 10,885,765 | 0 | 10,885,765 | 119% |
| 2004 | 8,465,276 | 10,328,747 | 57,005 | 10,385,752 | 123% |
| 2005 | 8,017,241 | 10,621,677 | 0 | 10,621,677 | 132% |
| 2006 | 7,746,310 | 9,667,434 | 0 | 9,667,434 | 125% |
| 2007 | 7,155,408 | 8,441,192 | 40,702 | 8,481,894 | 119% |
| 2008 | 6,399,147 | 7,665,376 | 70,706 | 7,736,082 | 121% |
| 2009 | 5,822,711 | 7,394,928 | 103,692 | 7,498,621 | 129% |
| 2010 | 5,990,682 | 6,636,259 | 715,902 | 7,352,160 | 123% |
| 2011 | 5,245,912 | 5,572,288 | 1,638,322 | 7,210,610 | 137% |
| 2012 | 4,661,584 | 3,432,476 | 3,171,065 | 6,603,542 | 142% |
| 2013 | 4,351,221 | 775,124 | 5,380,038 | 6,155,162 | 141% |
| Active Life Reserve Balance as of 12/31/2013: | | | 38,552,290 | | |

Projection without Rate Increase

| Calendar Year | Earned Premium | Incurred Claims | Incurred Ratio |
|----------------|----------------|-----------------|----------------|
| 2014 | 3,616,522 | 6,453,007 | 178% |
| 2015 | 3,139,566 | 6,325,582 | 201% |
| 2016 | 2,684,661 | 6,092,550 | 227% |
| 2017 | 2,279,452 | 5,795,830 | 254% |
| 2018 | 1,921,693 | 5,450,857 | 284% |
| 2019 | 1,608,618 | 5,072,650 | 315% |
| 2020 | 1,336,875 | 4,619,228 | 346% |
| 2021 | 1,103,083 | 4,161,106 | 377% |
| 2022 | 903,607 | 3,707,805 | 410% |
| 2023 | 734,856 | 3,271,248 | 445% |
| 2024 | 593,334 | 2,860,956 | 482% |
| 2025 | 475,623 | 2,476,895 | 521% |
| 2026 | 378,542 | 2,125,377 | 561% |
| 2027 | 299,172 | 1,809,574 | 605% |
| 2028 | 234,792 | 1,528,944 | 651% |
| 2029 | 182,971 | 1,282,485 | 701% |
| 2030 | 141,595 | 1,066,103 | 753% |
| 2031 | 108,821 | 878,696 | 807% |
| 2032 | 83,072 | 718,450 | 865% |
| 2033 | 62,961 | 582,620 | 925% |
| 2034 | 47,357 | 468,324 | 989% |
| 2035 | 35,343 | 372,590 | 1054% |
| 2036 | 26,171 | 293,518 | 1122% |
| 2037 | 19,229 | 228,911 | 1190% |
| 2038 | 14,016 | 176,846 | 1262% |
| 2039 | 10,137 | 135,455 | 1336% |
| 2040 | 7,276 | 102,763 | 1412% |
| 2041 | 5,175 | 77,045 | 1489% |
| 2042 | 3,647 | 57,186 | 1568% |
| 2043 | 2,547 | 41,992 | 1648% |
| 2044 | 1,763 | 30,499 | 1730% |
| 2045 | 1,209 | 21,932 | 1813% |
| 2046 | 822 | 15,633 | 1902% |
| 2047 | 555 | 11,012 | 1983% |
| 2048 | 370 | 7,662 | 2070% |
| 2049 | 245 | 5,264 | 2148% |
| 2050 | 159 | 3,581 | 2246% |
| 2051 | 103 | 2,403 | 2341% |
| 2052 | 65 | 1,591 | 2442% |
| 2053 and later | 103 | 2,829 | 2753% |

Projection with Rate Increase

| Calendar Year | Earned Premium | Incurred Claims | Incurred Ratio |
|----------------|----------------|-----------------|----------------|
| 2014 | 3,616,522 | 6,453,007 | 178% |
| 2015 | 3,331,872 | 6,325,582 | 190% |
| 2016 | 3,158,079 | 6,092,550 | 193% |
| 2017 | 2,698,871 | 5,795,830 | 215% |
| 2018 | 2,275,285 | 5,450,857 | 240% |
| 2019 | 1,904,604 | 5,072,650 | 266% |
| 2020 | 1,582,860 | 4,619,228 | 292% |
| 2021 | 1,306,051 | 4,161,106 | 319% |
| 2022 | 1,069,871 | 3,707,805 | 347% |
| 2023 | 870,069 | 3,271,248 | 376% |
| 2024 | 702,508 | 2,860,956 | 407% |
| 2025 | 563,138 | 2,476,895 | 440% |
| 2026 | 448,194 | 2,125,377 | 474% |
| 2027 | 354,220 | 1,809,574 | 511% |
| 2028 | 277,993 | 1,528,944 | 550% |
| 2029 | 216,637 | 1,282,485 | 592% |
| 2030 | 167,649 | 1,066,103 | 636% |
| 2031 | 128,845 | 878,696 | 682% |
| 2032 | 98,357 | 718,450 | 730% |
| 2033 | 74,546 | 582,620 | 782% |
| 2034 | 56,070 | 468,324 | 835% |
| 2035 | 41,846 | 372,590 | 890% |
| 2036 | 30,986 | 293,518 | 947% |
| 2037 | 22,767 | 228,911 | 1005% |
| 2038 | 16,595 | 176,846 | 1066% |
| 2039 | 12,003 | 135,455 | 1129% |
| 2040 | 8,614 | 102,763 | 1193% |
| 2041 | 6,127 | 77,045 | 1257% |
| 2042 | 4,318 | 57,186 | 1324% |
| 2043 | 3,016 | 41,992 | 1392% |
| 2044 | 2,087 | 30,499 | 1461% |
| 2045 | 1,432 | 21,932 | 1532% |
| 2046 | 973 | 15,633 | 1606% |
| 2047 | 657 | 11,012 | 1675% |
| 2048 | 438 | 7,662 | 1749% |
| 2049 | 290 | 5,264 | 1814% |
| 2050 | 189 | 3,581 | 1897% |
| 2051 | 122 | 2,403 | 1977% |
| 2052 | 77 | 1,591 | 2062% |
| 2053 and later | 122 | 2,829 | 2325% |

Loss Ratio Summaries

| | | | | | | |
|---|-------------|-------------|-------|---|-------------|------|
| Accumulated Value of Historical to 12/31/2013 | 580,599,467 | 344,256,399 | 59% | 580,599,467 | 344,256,399 | 59% |
| Present Value of Future to 12/31/2013 | 18,084,438 | 51,478,003 | 285% | 20,381,850 | 51,478,003 | 253% |
| Total Values (Discounted at 4.50%) | 598,683,905 | 395,734,403 | 66% | 600,981,317 | 395,734,403 | 66% |
| Projected Loss Ratio without Rate Increase | | | 66% | Projected Loss Ratio with Rate Increase | | 66% |
| Minimum Lifetime Loss Ratio | | | 60% | | | |
| Maximum Allowable Increase | | | 337% | | | |
| Requested Rate Increase | | | 18.4% | | | |

Appendix D

United American Insurance Company Description of Experience Analysis and Assumption Setting

MORTALITY STUDY

A mortality study was conducted on United American's long term care business. The mortality assumptions are based on the 1994 GAM table with mortality selection factors, and fitting factors. The mortality study included experience through December 31, 2013. Actual deaths were determined by comparing insureds against the Social Security Administration's Death Master File (DMF). A terminated policy is considered a death if it matched the DMF and the death was within one year of the policy termination date. Otherwise, the terminated policy is considered a voluntary lapse (if it did not exhaust benefits). The mortality study was only done on the portion of the business that contained Social Security numbers.

The future expected mortality assumptions were developed based on the historical actual experience and judgment. Based on our analysis, the 1994 GAM table matched actual experience the closest, with some adjustments. First, fitting factors of 0.80 for males and 0.90 for females were applied. Second, mortality selection factors were developed by duration. Lastly, past mortality improvement was assumed of 1% per year, but no future improvement was assumed.

Exhibit 1 contains the comparison of actual experience through December 31, 2013 to the current mortality assumptions. The Exhibit shows total lives, total terminations (both voluntary lapse and actual deaths), actual deaths, expected deaths and the resulting mortality rates. Experience is shown by policy duration and attained age. It should be noted, that there is likely an underreporting of mortality experience, resulting in actual deaths likely being lower than they truly are. Since the current mortality assumptions reasonably match the historical actual experience, when considering all the aspects of the mortality study, the assumptions are reasonable to use to project the inforce into the future.

VOLUNTARY LAPSE STUDY

A voluntary lapse study was also conducted on United American's actual experience using data through December 31, 2013. Voluntary lapse rates were calculated by subtracting expected deaths, using the mortality assumptions discussed above, and actual exhausts from total terminations.

The future expected voluntary lapse assumptions were developed based on the historical actual experience and judgment.

Exhibit 2 contains the comparison of actual lapse experience through December 31, 2013 to the current assumptions. The Exhibit shows total lives, total terminations, the expected mortality rate and voluntary lapse rates. Since the current voluntary lapse assumptions reasonably match the historical actual experience, the assumptions are reasonable to use to project the inforce into the future.

Appendix E contains a comparison of the actual total termination rates to both the original pricing assumptions and current assumptions.

MORBIDITY STUDY

A morbidity study was also conducted on United American's nationwide actual experience including data through December 31, 2013. The approach used to develop morbidity assumptions was to start with a set of baseline expected claims and review the experience along several key demographic and benefit characteristics. The primary focus of developing the fitting factors was to match historical incurred claims to expected incurred claims.

A claim is defined as an episode of care that is not separated by more than 180 calendar days. Actual claim incidence was determined by counting each claim. Actual incurred claims are based on paid claims and remaining claim reserves discounted (using an interest rate of 4.5% for this experience study) back to the claim incurred date. The claim reserves were discounted from valuation date to the claim incurred date.

Appendix D

United American Insurance Company Description of Experience Analysis and Assumption Setting

using a 4.5% discount rate and excludes any waiver of premium load, LAE load and explicit margin. The IBNR was allocated across 2013 expected claims. Actual incurred claims are calculated by adding together the present value of paid claims and claim reserves. Actual average claim severity was calculated by dividing actual incurred claims by the count of claims. In the morbidity study, waiver of premium was excluded from both the actual claims and expected claims.

The baseline expected incurred claims were developed from Milliman's 2011 LTC Guidelines (*Guidelines*). Given the large size of the data supporting the *Guidelines*, it was viewed as a credible starting point for the analysis. Included in the baseline, was a composite factor was developed for the business based on the distribution by state and the area adjustment factors from the *Guidelines*.

The process of developing fitting factors, starting with the baseline expected, generally followed the following steps:

- Review experience by issue year and product to determine if the baseline selection factors used are appropriate
- Review experience by issue age, gender and marital status
- Review experience by key benefit and demographic characteristics

It should be noted that many of the factors are related to each other. So, some fitting did involve cycling back to prior steps. Also, the credibility of each specific segment was considered, along with judgment in setting the specific fitting factors.

After reviewing various "cuts" of the business, and considering the credibility, only two primary sets of fitting factors were developed. First, the experience for males was consistently worse than females and, therefore, a set of factors were developed. Second, a set of durational factors for each product was developed. All other variables seemed to follow a similar overall pattern.

Exhibit 3 contains the comparison of actual claim experience through December 31, 2013 to the current assumptions by calendar year, policy duration and attained age.

**Appendix D
Exhibit 1
United American Insurance Company
Mortality Study
Experience by Policy Duration**

| Policy Duration | Total Lives | Total Terminations | Actual Deaths | Expected Deaths | Mortality Rate | | A:E |
|------------------------|--------------------|---------------------------|----------------------|------------------------|-----------------------|-----------------|------------|
| | | | | | Actual | Expected | |
| 1 - 3 | 28,508 | 5,075 | 191 | 157 | 0.67% | 0.55% | 122% |
| 4 - 6 | 18,892 | 1,244 | 215 | 234 | 1.14% | 1.24% | 92% |
| 7 - 9 | 15,077 | 730 | 168 | 298 | 1.11% | 1.98% | 56% |
| 10 - 12 | 10,324 | 552 | 121 | 310 | 1.17% | 3.00% | 39% |
| 13 + | 4,174 | 279 | 64 | 169 | 1.53% | 4.05% | 38% |
| Total | 76,974 | 7,880 | 759 | 1,167 | 0.99% | 1.52% | 65% |

Notes:

- 1) Experience through December 31, 2013.
- 2) Study was performed only on the portion of business that contain Social Security Numbers (SSN).
- 3) A termination is considered an Actual Death if policyholder's SSN matched to the Social Security Administration's Death Master File.
- 4) Expected Mortality Rate based on the 1994 GAM, selection factors, past mortality improvement and fitting factors.
- 5) Total Terminations include Actual Deaths and Actual Lapses (Excludes Actual Benefit Exhausts).

Appendix D
Exhibit 1
United American Insurance Company
Mortality Study
Experience by Attained Age

| Attained Age | Total Lives | Total Terminations | Actual Deaths | Expected Deaths | Mortality Rate | | A:E |
|---------------------|--------------------|---------------------------|----------------------|------------------------|-----------------------|-----------------|------------|
| | | | | | Actual | Expected | |
| 55-59 | 10,404 | 1,942 | 16 | 13 | 0.15% | 0.13% | 121% |
| 60-64 | 8,757 | 1,095 | 17 | 30 | 0.19% | 0.34% | 57% |
| 65-69 | 15,288 | 1,446 | 84 | 96 | 0.55% | 0.63% | 88% |
| 70-74 | 16,526 | 1,147 | 113 | 189 | 0.68% | 1.15% | 60% |
| 75-79 | 13,568 | 1,058 | 158 | 269 | 1.16% | 1.98% | 59% |
| 80-84 | 8,306 | 730 | 185 | 281 | 2.23% | 3.39% | 66% |
| 85-89 | 3,360 | 340 | 138 | 204 | 4.11% | 6.07% | 68% |
| 90+ | 765 | 122 | 48 | 84 | 6.27% | 11.00% | 57% |
| Total | 76,974 | 7,880 | 759 | 1,167 | 0.99% | 1.52% | 65% |

Notes:

- 1) Experience through December 31, 2013.
- 2) Study was performed only on the portion of business that contain Social Security Numbers (SSN).
- 3) A termination is considered an Actual Death if policyholder's SSN matched to the Social Security Administration's Death Master File.
- 4) Expected Mortality Rate based on the 1994 GAM, selection factors, past mortality improvement and fitting factors.
- 5) Total Terminations include Actual Deaths and Actual Lapses (Excludes Actual Benefit Exhausts).

Appendix D
Exhibit 2
Voluntary Lapse Study
United American Insurance Company
Experience by Policy Duration
Generations 1-4

| Policy Duration | Total Lives | Total Terminations | | Mortality Rate | Voluntary Lapse Rate | |
|-----------------|-------------|--------------------|--------|----------------|----------------------|-----------|
| | | Count | Rate | Expected | Implied | "Current" |
| 1 | 43,608 | 14,125 | 32.39% | 0.36% | 32.0% | 32.0% |
| 2 | 29,482 | 6,174 | 20.94% | 0.77% | 20.2% | 20.0% |
| 3 | 23,296 | 3,406 | 14.62% | 1.01% | 13.6% | 14.0% |
| 4 | 19,858 | 2,247 | 11.32% | 1.20% | 10.1% | 10.0% |
| 5 | 17,565 | 1,719 | 9.79% | 1.41% | 8.4% | 8.5% |
| 6 | 15,767 | 1,362 | 8.64% | 1.64% | 7.0% | 7.0% |
| 7 | 14,325 | 1,140 | 7.96% | 1.90% | 6.1% | 6.0% |
| 8 | 13,116 | 1,014 | 7.73% | 2.19% | 5.5% | 5.5% |
| 9 | 12,022 | 849 | 7.06% | 2.51% | 4.6% | 5.0% |
| 10 | 11,105 | 835 | 7.52% | 2.86% | 4.7% | 4.5% |
| 11 | 10,183 | 745 | 7.32% | 3.25% | 4.1% | 4.5% |
| 12 | 9,361 | 746 | 7.97% | 3.52% | 4.5% | 4.5% |
| 13 | 8,538 | 664 | 7.78% | 3.80% | 4.0% | 4.0% |
| 14 | 7,776 | 625 | 8.04% | 4.06% | 4.0% | 4.0% |
| 15 | 7,037 | 601 | 8.54% | 4.34% | 4.2% | 4.0% |
| 16 | 6,312 | 574 | 9.09% | 4.63% | 4.5% | 4.0% |
| 17 | 5,486 | 514 | 9.37% | 4.94% | 4.4% | 4.0% |
| 18 | 4,638 | 436 | 9.40% | 5.24% | 4.2% | 4.0% |
| 19 | 3,685 | 340 | 9.23% | 5.56% | 3.7% | 4.0% |
| 20 | 2,921 | 324 | 11.09% | 5.95% | 5.1% | 4.0% |
| 21 | 2,237 | 262 | 11.71% | 6.34% | 5.4% | 4.0% |
| 22 | 1,524 | 175 | 11.48% | 6.65% | 4.8% | 4.0% |
| 23 | 948 | 116 | 12.24% | 6.85% | 5.4% | 4.0% |
| 24 | 499 | 57 | 11.42% | 7.24% | 4.2% | 4.0% |
| Total | 271,289 | 39,050 | | | | |

Notes:

- 1) Experience through December 31, 2013.
- 2) Total terminations exclude policies that terminate due to exhausting their benefits.
- 3) Expected Mortality Rate based on the 1994 GAM, selection factors, past mortality improvement and fitting factors.
- 4) Implied Voluntary Lapse Rate is the Total Termination Rate (excluding benefit exhaust) minus the Expected Mortality Rate.
- 5) Current Voluntary Lapse Rate is the current projection assumption.

**Appendix D
Exhibit 3
United American Insurance Company
Claim Study
Experience by Calendar Year
Generations 1-4**

| Calendar Year | Total Lives | Actual Claims | | | | | Expected Claims | | | Actual to Expected | | |
|---------------|-------------|---------------|-------------|------------|----------|-------------|-----------------|----------|-------------|--------------------|----------|----------|
| | | Count | Paid | Reserve | Severity | Incurred | Count | Severity | Incurred | Incidence | Severity | Incurred |
| 1987 | 92 | 0 | - | - | - | - | 0 | 6,547 | 2,640 | 0% | 0% | 0% |
| 1988 | 1,053 | 6 | 233,529 | - | 38,922 | 233,529 | 13 | 12,872 | 167,082 | 46% | 302% | 140% |
| 1989 | 7,424 | 52 | 1,311,211 | - | 25,216 | 1,311,211 | 118 | 14,281 | 1,686,279 | 44% | 177% | 78% |
| 1990 | 11,352 | 97 | 2,475,240 | - | 25,518 | 2,475,240 | 200 | 14,870 | 2,975,127 | 48% | 172% | 83% |
| 1991 | 13,211 | 155 | 4,670,408 | - | 30,132 | 4,670,408 | 253 | 16,082 | 4,067,141 | 61% | 187% | 115% |
| 1992 | 14,872 | 155 | 4,923,582 | - | 31,765 | 4,923,582 | 298 | 17,430 | 5,197,692 | 52% | 182% | 95% |
| 1993 | 15,702 | 202 | 6,494,963 | - | 32,153 | 6,494,963 | 335 | 18,511 | 6,209,893 | 60% | 174% | 105% |
| 1994 | 16,229 | 252 | 8,553,469 | - | 33,942 | 8,553,469 | 372 | 19,778 | 7,357,770 | 68% | 172% | 116% |
| 1995 | 17,024 | 277 | 8,123,274 | - | 29,326 | 8,123,274 | 414 | 21,056 | 8,717,719 | 67% | 139% | 93% |
| 1996 | 16,766 | 291 | 8,147,896 | - | 28,000 | 8,147,896 | 440 | 22,170 | 9,761,546 | 66% | 126% | 83% |
| 1997 | 15,747 | 316 | 9,202,651 | - | 29,122 | 9,202,651 | 447 | 23,115 | 10,343,280 | 71% | 126% | 89% |
| 1998 | 14,226 | 340 | 10,672,322 | - | 31,389 | 10,672,322 | 438 | 23,851 | 10,458,062 | 78% | 132% | 102% |
| 1999 | 12,933 | 314 | 10,751,703 | 150,812 | 34,721 | 10,902,515 | 421 | 24,529 | 10,338,877 | 74% | 142% | 105% |
| 2000 | 11,840 | 322 | 10,211,722 | - | 31,713 | 10,211,722 | 404 | 25,209 | 10,173,324 | 80% | 126% | 100% |
| 2001 | 10,794 | 338 | 10,028,094 | - | 29,669 | 10,028,094 | 386 | 25,925 | 10,007,395 | 88% | 114% | 100% |
| 2002 | 9,883 | 317 | 9,918,331 | - | 31,288 | 9,918,331 | 369 | 26,604 | 9,810,401 | 86% | 118% | 101% |
| 2003 | 9,068 | 346 | 10,885,765 | - | 31,462 | 10,885,765 | 351 | 27,320 | 9,589,582 | 99% | 115% | 114% |
| 2004 | 8,276 | 337 | 10,328,747 | 57,005 | 30,818 | 10,385,752 | 333 | 28,106 | 9,368,341 | 101% | 110% | 111% |
| 2005 | 7,517 | 308 | 10,621,677 | - | 34,486 | 10,621,677 | 315 | 28,967 | 9,111,831 | 98% | 119% | 117% |
| 2006 | 6,761 | 275 | 9,667,434 | - | 35,154 | 9,667,434 | 297 | 29,984 | 8,891,865 | 93% | 117% | 109% |
| 2007 | 6,118 | 293 | 8,441,192 | 40,702 | 28,948 | 8,481,894 | 280 | 30,957 | 8,653,667 | 105% | 94% | 98% |
| 2008 | 5,535 | 238 | 7,665,376 | 70,706 | 32,505 | 7,736,082 | 265 | 31,877 | 8,439,699 | 90% | 102% | 92% |
| 2009 | 4,984 | 227 | 7,394,928 | 103,692 | 33,034 | 7,498,621 | 251 | 33,020 | 8,279,378 | 91% | 100% | 91% |
| 2010 | 4,400 | 203 | 6,636,259 | 715,902 | 36,218 | 7,352,160 | 232 | 34,327 | 7,977,969 | 87% | 106% | 92% |
| 2011 | 3,893 | 197 | 5,572,288 | 1,638,322 | 36,602 | 7,210,610 | 216 | 35,725 | 7,714,975 | 91% | 102% | 93% |
| 2012 | 3,432 | 173 | 3,432,476 | 3,171,065 | 38,171 | 6,603,542 | 201 | 37,011 | 7,444,217 | 86% | 103% | 89% |
| 2013 | 3,072 | 159 | 775,124 | 5,380,038 | 38,820 | 6,155,162 | 192 | 38,259 | 7,332,706 | 83% | 101% | 84% |
| Total | 252,205 | 6,190 | 187,139,662 | 11,328,243 | 32,065 | 198,467,906 | 7,842 | 25,514 | 200,078,458 | 79% | 126% | 99% |

Notes:

- 1) Experience is through December 31, 2013.
- 2) Paid claims represent the present value of paid claims discounted to the claim incurred date.
- 3) Reserve amounts represent the present value of the remaining claim reserve (including IBNR) discounted to the claim incurred date.
- 4) Severity is defined as incurred claims divided by the count of claims.
- 5) Expected Claims are the current best estimate assumptions used in the projections and are based on the Milliman 2011 Long-Term Care Guidelines including fitting factors.
- 6) Claim dollar amounts are discounted using a 4.5% interest rate (both actual and expected).
- 7) This exhibit excludes waiver of premium benefits in both actual and expected results.

Appendix D
Exhibit 3
United American Insurance Company
Claim Study
Experience by Policy Duration
Generations 1-4

| Policy Duration | Total Lives | Count | Actual Claims | | | | Expected Claims | | | Actual to Expected | | |
|-----------------|----------------|--------------|--------------------|-------------------|---------------|--------------------|-----------------|---------------|--------------------|--------------------|-------------|------------|
| | | | Paid | Reserve | Severity | Incurred | Count | Severity | Incurred | Incidence | Severity | Incurred |
| 1 - 3 | 88,752 | 888 | 28,900,200 | - | 32,545 | 28,900,200 | 1,455 | 20,027 | 29,143,089 | 61% | 163% | 99% |
| 4 - 6 | 49,823 | 1,002 | 31,524,772 | 150,812 | 31,612 | 31,675,584 | 1,436 | 22,243 | 31,940,957 | 70% | 142% | 99% |
| 7 - 9 | 36,844 | 971 | 30,782,710 | - | 31,702 | 30,782,710 | 1,245 | 24,252 | 30,185,061 | 78% | 131% | 102% |
| 10 - 12 | 28,340 | 940 | 27,824,906 | 181,083 | 29,778 | 28,005,989 | 1,102 | 26,476 | 29,168,864 | 85% | 112% | 96% |
| 13 + | 48,445 | 2,388 | 68,107,074 | 10,996,348 | 33,124 | 79,103,422 | 2,604 | 30,581 | 79,640,487 | 92% | 108% | 99% |
| Total | 252,205 | 6,190 | 187,139,662 | 11,328,243 | 32,065 | 198,467,906 | 7,842 | 25,514 | 200,078,458 | 79% | 126% | 99% |

Notes:

- 1) Experience is through December 31, 2013.
- 2) Paid claims represent the present value of paid claims discounted to the claim incurred date.
- 3) Reserve amounts represent the present value of the remaining claim reserve (including IBNR) discounted to the claim incurred date.
- 4) Severity is defined as incurred claims divided by the count of claims.
- 5) Expected Claims are the current best estimate assumptions used in the projections and are based on the Milliman 2011 Long-Term Care Guidelines including fitting factors.
- 6) Claim dollar amounts are discounted using a 4.5% interest rate (both actual and expected).
- 7) This exhibit excludes waiver of premium benefits in both actual and expected results.

Appendix D
Exhibit 3
United American Insurance Company
Claim Study
Experience by Attained Age
Generations 1-4

| Attained Age | Total Lives | Actual Claims | | | | | Expected Claims | | | Actual to Expected | | |
|--------------|-------------|---------------|-------------|------------|----------|-------------|-----------------|----------|-------------|--------------------|----------|----------|
| | | Count | Paid | Reserve | Severity | Incurred | Count | Severity | Incurred | Incidence | Severity | Incurred |
| <60 | 7,009 | 20 | 604,304 | - | 30,215 | 604,304 | 20 | 18,667 | 375,195 | 100% | 162% | 161% |
| 60-64 | 15,944 | 44 | 1,594,545 | - | 36,240 | 1,594,545 | 78 | 18,717 | 1,466,023 | 56% | 194% | 109% |
| 65-69 | 44,943 | 201 | 6,059,562 | - | 30,147 | 6,059,562 | 420 | 17,605 | 7,387,148 | 48% | 171% | 82% |
| 70-74 | 62,345 | 648 | 20,514,056 | 219,060 | 31,972 | 20,733,116 | 1,075 | 19,508 | 20,964,170 | 60% | 164% | 99% |
| 75-79 | 61,961 | 1,537 | 49,321,220 | 908,543 | 32,672 | 50,229,763 | 2,016 | 23,184 | 46,740,112 | 76% | 141% | 107% |
| 80-84 | 39,976 | 1,948 | 60,820,065 | 2,404,740 | 32,454 | 63,224,805 | 2,194 | 27,096 | 59,438,199 | 89% | 120% | 106% |
| 85-89 | 16,144 | 1,314 | 37,089,954 | 4,242,822 | 31,447 | 41,332,776 | 1,486 | 31,124 | 46,250,179 | 88% | 101% | 89% |
| 90+ | 3,883 | 476 | 11,135,956 | 3,553,079 | 30,851 | 14,689,035 | 553 | 31,541 | 17,457,432 | 86% | 98% | 84% |
| Total | 252,205 | 6,190 | 187,139,662 | 11,328,243 | 32,065 | 198,467,906 | 7,842 | 25,514 | 200,078,458 | 79% | 126% | 99% |

Notes:

- 1) Experience is through December 31, 2013.
- 2) Paid claims represent the present value of paid claims discounted to the claim incurred date.
- 3) Reserve amounts represent the present value of the remaining claim reserve (including IBNR) discounted to the claim incurred date.
- 4) Severity is defined as incurred claims divided by the count of claims.
- 5) Expected Claims are the current best estimate assumptions used in the projections and are based on the Milliman 2011 Long-Term Care Guidelines including fitting factors.
- 6) Claim dollar amounts are discounted using a 4.5% interest rate (both actual and expected).
- 7) This exhibit excludes waiver of premium benefits in both actual and expected results.

Appendix E
United American Insurance Company
Policy Persistency Comparison
Nationwide Experience
Generations 1-4

| Policy Duration | Total Lives | Actual Results | Original Pricing Assumptions | | | Current Assumptions | | |
|-----------------|-------------|--------------------|------------------------------|-----------|--------------------|---------------------|-----------|--------------------|
| | | Total Terminations | Lapse | Mortality | Total Terminations | Lapse | Mortality | Total Terminations |
| 1 | 43,608 | 32.4% | 20.0% | 2.0% | 22.0% | 32.0% | 0.4% | 32.4% |
| 2 | 29,482 | 20.9% | 17.6% | 2.2% | 19.8% | 20.0% | 0.8% | 20.8% |
| 3 | 23,296 | 14.6% | 15.2% | 2.4% | 17.6% | 14.0% | 1.0% | 15.0% |
| 4 | 19,858 | 11.3% | 12.8% | 2.6% | 15.4% | 10.0% | 1.2% | 11.2% |
| 5 | 17,565 | 9.8% | 10.4% | 2.9% | 13.3% | 8.5% | 1.4% | 9.9% |
| 6 | 15,767 | 8.6% | 8.0% | 3.1% | 11.1% | 7.0% | 1.6% | 8.6% |
| 7 | 14,325 | 8.0% | 8.0% | 3.4% | 11.4% | 6.0% | 1.9% | 7.9% |
| 8 | 13,116 | 7.7% | 8.0% | 3.7% | 11.7% | 5.5% | 2.2% | 7.7% |
| 9 | 12,022 | 7.1% | 8.0% | 4.1% | 12.1% | 5.0% | 2.5% | 7.5% |
| 10 | 11,105 | 7.5% | 8.0% | 4.4% | 12.4% | 4.5% | 2.9% | 7.4% |
| 11 | 10,183 | 7.3% | 8.0% | 4.8% | 12.8% | 4.5% | 3.3% | 7.8% |
| 12 | 9,361 | 8.0% | 8.0% | 5.2% | 13.2% | 4.5% | 3.5% | 8.0% |
| 13 | 8,538 | 7.8% | 8.0% | 5.6% | 13.6% | 4.0% | 3.8% | 7.8% |
| 14 | 7,776 | 8.0% | 8.0% | 6.0% | 14.0% | 4.0% | 4.1% | 8.1% |
| 15 | 7,037 | 8.5% | 8.0% | 6.4% | 14.4% | 4.0% | 4.3% | 8.3% |
| 16 | 6,312 | 9.1% | 8.0% | 6.9% | 14.9% | 4.0% | 4.6% | 8.6% |
| 17 | 5,486 | 9.4% | 8.0% | 7.3% | 15.3% | 4.0% | 4.9% | 8.9% |
| 18 | 4,638 | 9.4% | 8.0% | 7.8% | 15.8% | 4.0% | 5.2% | 9.2% |
| 19 | 3,685 | 9.2% | 8.0% | 8.3% | 16.3% | 4.0% | 5.6% | 9.6% |
| 20 | 2,921 | 11.1% | 8.0% | 8.9% | 16.9% | 4.0% | 6.0% | 10.0% |
| 21 | 2,237 | 11.7% | 7.0% | 9.5% | 16.5% | 4.0% | 6.3% | 10.3% |
| 22 | 1,524 | 11.5% | 7.0% | 9.9% | 16.9% | 4.0% | 6.6% | 10.6% |
| 23 | 948 | 12.2% | 7.0% | 10.2% | 17.2% | 4.0% | 6.9% | 10.9% |
| 24 | 499 | 11.4% | 7.0% | 10.7% | 17.7% | 4.0% | 7.2% | 11.2% |

Notes:

- 1) The "Actual Results" are the historical total policy termination rates observed by the Company.
- 2) The "Original Pricing Assumptions" are those assumptions originally used to price the product.
The mortality assumptions are generally based on the 1984 Society Of Actuaries Transaction Report: "Mortality at Ages 65 and Over in a Middle Class Population".
The ultimate lapse rate of 7% begins in duration 21.
- 3) The "Current Assumptions" are those used in the projection for the current rate filing.
The mortality assumptions are based on the 1994 GAM, selection factors, past mortality improvement and fitting factors.
The ultimate lapse assumptions is 4%.
- 4) Experience is through December 31, 2013.
- 5) Total terminations exclude policies that terminate due to exhausting their benefits.

Appendix F
United American Insurance Company
Distribution of Inforce Business as of December 31, 2013
Generations 1-4

| Issue Year | Generations 1 - 4 | | | |
|-------------------|--------------------------|-------------------|------------------|---------------------|
| | Count | % of Count | Premium | % of Premium |
| 1987 | 6 | 0.2% | 4,596 | 0.1% |
| 1988 | 90 | 2.8% | 89,163 | 2.1% |
| 1989 | 390 | 12.3% | 369,407 | 8.7% |
| 1990 | 291 | 9.2% | 305,673 | 7.2% |
| 1991 | 357 | 11.3% | 452,828 | 10.6% |
| 1992 | 411 | 13.0% | 526,698 | 12.4% |
| 1993 | 288 | 9.1% | 350,318 | 8.2% |
| 1994 | 385 | 12.1% | 595,859 | 14.0% |
| 1995 | 424 | 13.4% | 684,593 | 16.1% |
| 1996 | 272 | 8.6% | 461,310 | 10.8% |
| 1997 | 121 | 3.8% | 210,262 | 4.9% |
| 1998 | 47 | 1.5% | 66,053 | 1.5% |
| 1999 | 27 | 0.9% | 47,352 | 1.1% |
| 2000 | 26 | 0.8% | 36,749 | 0.9% |
| 2001 | 15 | 0.5% | 16,380 | 0.4% |
| 2002 | 14 | 0.4% | 30,093 | 0.7% |
| 2003 | 6 | 0.2% | 13,857 | 0.3% |
| 2004 | 1 | 0.0% | 1,818 | 0.0% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Appendix F
United American Insurance Company
Distribution of Inforce Business as of December 31, 2013
Generations 1-4

| Issue Age | Generations 1 - 4 | | | |
|------------------|--------------------------|-------------------|------------------|---------------------|
| | Count | % of Count | Premium | % of Premium |
| <30 | 0 | 0.0% | 0 | 0.0% |
| 30-34 | 0 | 0.0% | 0 | 0.0% |
| 35-39 | 0 | 0.0% | 0 | 0.0% |
| 40-44 | 0 | 0.0% | 0 | 0.0% |
| 45-49 | 0 | 0.0% | 0 | 0.0% |
| 50-54 | 171 | 5.4% | 112,498 | 2.6% |
| 55-59 | 368 | 11.6% | 300,339 | 7.0% |
| 60-64 | 886 | 27.9% | 991,372 | 23.3% |
| 65-69 | 1,204 | 38.0% | 1,677,682 | 39.4% |
| 70-74 | 440 | 13.9% | 869,308 | 20.4% |
| 75-79 | 95 | 3.0% | 286,847 | 6.7% |
| 80+ | 7 | 0.2% | 24,963 | 0.6% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Average Issue Age 64.7

| Attained Age | Count | % of Count | Premium | % of Premium |
|---------------------|--------------|-------------------|------------------|---------------------|
| <30 | 0 | 0.0% | 0 | 0.0% |
| 30-34 | 0 | 0.0% | 0 | 0.0% |
| 35-39 | 0 | 0.0% | 0 | 0.0% |
| 40-44 | 0 | 0.0% | 0 | 0.0% |
| 45-49 | 0 | 0.0% | 0 | 0.0% |
| 50-54 | 0 | 0.0% | 0 | 0.0% |
| 55-59 | 0 | 0.0% | 0 | 0.0% |
| 60-64 | 3 | 0.1% | 2,136 | 0.1% |
| 65-69 | 23 | 0.7% | 18,380 | 0.4% |
| 70-74 | 140 | 4.4% | 118,070 | 2.8% |
| 75-79 | 356 | 11.2% | 347,680 | 8.2% |
| 80+ | 2,649 | 83.5% | 3,776,743 | 88.6% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Average Attained Age 84.9

| Gender | Count | % of Count | Premium | % of Premium |
|---------------|--------------|-------------------|------------------|---------------------|
| Male | 866 | 27.3% | 1,171,671 | 27.5% |
| Female | 2,305 | 72.7% | 3,091,338 | 72.5% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Appendix F
United American Insurance Company
Distribution of Inforce Business as of December 31, 2013
Generations 1-4

| | Generations 1 - 4 | | | |
|---|--------------------------|-------------------|------------------|---------------------|
| | Count | % of Count | Premium | % of Premium |
| Coverage Type | | | | |
| Facility Only | 1,016 | 32.0% | 1,287,497 | 30.2% |
| Comprehensive | 2,155 | 68.0% | 2,975,512 | 69.8% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |
| Inflation Option | | | | |
| None | 2,552 | 80.5% | 3,161,715 | 74.2% |
| 5% Simple | 349 | 11.0% | 521,201 | 12.2% |
| 5% Compound | 270 | 8.5% | 580,093 | 13.6% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |
| Elimination Period | | | | |
| 7 Days | 1,416 | 44.7% | 1,652,534 | 38.8% |
| 30 Days | 728 | 23.0% | 1,152,847 | 27.0% |
| 60 Days | 15 | 0.5% | 28,326 | 0.7% |
| 100 Days | 1,012 | 31.9% | 1,429,302 | 33.5% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |
| Benefit Period* | | | | |
| 2 Years | 1,069 | 33.7% | 1,197,245 | 28.1% |
| 3 Years | 11 | 0.3% | 8,286 | 0.2% |
| 5 Years | 2,037 | 64.2% | 2,858,360 | 67.1% |
| Lifetime | 54 | 1.7% | 199,118 | 4.7% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |
| *Benefit Period grouped to nearest primary election | | | | |
| Marital Status | | | | |
| Single | 2,694 | 85.0% | 3,581,174 | 84.0% |
| Married | 477 | 15.0% | 681,835 | 16.0% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |
| Spousal Discount | | | | |
| 0% | 2,694 | 85.0% | 3,581,174 | 84.0% |
| 10% | 477 | 15.0% | 681,835 | 16.0% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Appendix F
United American Insurance Company
Distribution of Inforce Business as of December 31, 2013
Generations 1-4

| Issue State | Generations 1 - 4 | | | |
|--------------|--------------------------|---------------|------------------|---------------|
| | Count | % of Count | Premium | % of Premium |
| AL | 177 | 5.6% | 239,902 | 5.6% |
| AK | 0 | 0.0% | 0 | 0.0% |
| AZ | 53 | 1.7% | 96,137 | 2.3% |
| AR | 29 | 0.9% | 34,064 | 0.8% |
| CA | 253 | 8.0% | 327,618 | 7.7% |
| CO | 44 | 1.4% | 72,772 | 1.7% |
| CT | 6 | 0.2% | 11,611 | 0.3% |
| DC | 0 | 0.0% | 0 | 0.0% |
| DE | 0 | 0.0% | 0 | 0.0% |
| FL | 193 | 6.1% | 258,574 | 6.1% |
| GA | 146 | 4.6% | 172,899 | 4.1% |
| HI | 0 | 0.0% | 0 | 0.0% |
| ID | 2 | 0.1% | 1,368 | 0.0% |
| IL | 230 | 7.3% | 347,078 | 8.1% |
| IN | 103 | 3.2% | 123,849 | 2.9% |
| IA | 47 | 1.5% | 55,305 | 1.3% |
| KS | 249 | 7.9% | 274,451 | 6.4% |
| KY | 68 | 2.1% | 90,650 | 2.1% |
| LA | 27 | 0.9% | 38,251 | 0.9% |
| ME | 0 | 0.0% | 0 | 0.0% |
| MD | 0 | 0.0% | 0 | 0.0% |
| MA | 0 | 0.0% | 0 | 0.0% |
| MI | 23 | 0.7% | 35,444 | 0.8% |
| MN | 0 | 0.0% | 0 | 0.0% |
| MS | 33 | 1.0% | 42,340 | 1.0% |
| MO | 189 | 6.0% | 230,591 | 5.4% |
| MT | 31 | 1.0% | 49,995 | 1.2% |
| NE | 21 | 0.7% | 40,403 | 0.9% |
| NV | 36 | 1.1% | 67,301 | 1.6% |
| NH | 7 | 0.2% | 5,646 | 0.1% |
| NJ | 0 | 0.0% | 0 | 0.0% |
| NM | 38 | 1.2% | 68,081 | 1.6% |
| NY | 46 | 1.5% | 39,267 | 0.9% |
| NC | 47 | 1.5% | 75,903 | 1.8% |
| ND | 15 | 0.5% | 16,960 | 0.4% |
| OH | 202 | 6.4% | 307,813 | 7.2% |
| OK | 49 | 1.5% | 58,461 | 1.4% |
| OR | 22 | 0.7% | 16,851 | 0.4% |
| PA | 203 | 6.4% | 310,273 | 7.3% |
| RI | 0 | 0.0% | 0 | 0.0% |
| SC | 9 | 0.3% | 9,884 | 0.2% |
| SD | 77 | 2.4% | 117,854 | 2.8% |
| TN | 79 | 2.5% | 111,361 | 2.6% |
| TX | 122 | 3.8% | 165,299 | 3.9% |
| UT | 114 | 3.6% | 116,301 | 2.7% |
| VT | 2 | 0.1% | 5,561 | 0.1% |
| VA | 87 | 2.7% | 122,625 | 2.9% |
| WA | 0 | 0.0% | 0 | 0.0% |
| WV | 31 | 1.0% | 35,705 | 0.8% |
| WI | 57 | 1.8% | 64,149 | 1.5% |
| WY | 4 | 0.1% | 4,412 | 0.1% |
| Total | 3,171 | 100.0% | 4,263,009 | 100.0% |

Appendix G
United American Insurance Company
Historical and Projected Experience
Pennsylvania Experience
Generation 1-4

Historical

| Calendar Year | Earned Premium | Paid Claims | Claim Reserve | Incurred Claims | Incurred Ratio |
|---------------|----------------|-------------|---------------|-----------------|----------------|
| 1987 | 0 | 0 | 0 | 0 | 0% |
| 1988 | 2,178 | 0 | 0 | 0 | 0% |
| 1989 | 54,153 | 0 | 0 | 0 | 0% |
| 1990 | 203,736 | 0 | 0 | 0 | 0% |
| 1991 | 407,442 | 137,881 | 0 | 137,881 | 34% |
| 1992 | 627,781 | 413 | 0 | 413 | 0% |
| 1993 | 733,004 | 189,519 | 0 | 189,519 | 26% |
| 1994 | 807,707 | 103,744 | 0 | 103,744 | 13% |
| 1995 | 839,221 | 222,068 | 0 | 222,068 | 26% |
| 1996 | 834,995 | 19,446 | 0 | 19,446 | 2% |
| 1997 | 798,687 | 382,205 | 0 | 382,205 | 48% |
| 1998 | 753,416 | 196,633 | 0 | 196,633 | 26% |
| 1999 | 705,392 | 223,234 | 0 | 223,234 | 32% |
| 2000 | 674,877 | 494,606 | 0 | 494,606 | 73% |
| 2001 | 622,321 | 357,982 | 0 | 357,982 | 58% |
| 2002 | 579,777 | 417,203 | 0 | 417,203 | 72% |
| 2003 | 526,553 | 633,978 | 0 | 633,978 | 120% |
| 2004 | 495,204 | 531,363 | 0 | 531,363 | 107% |
| 2005 | 491,313 | 411,365 | 0 | 411,365 | 84% |
| 2006 | 503,125 | 367,425 | 0 | 367,425 | 73% |
| 2007 | 481,194 | 413,098 | 0 | 413,098 | 86% |
| 2008 | 444,008 | 527,120 | 0 | 527,120 | 119% |
| 2009 | 403,493 | 402,047 | 0 | 402,047 | 100% |
| 2010 | 381,717 | 571,636 | 67,077 | 638,713 | 167% |
| 2011 | 345,961 | 272,081 | 62,560 | 334,641 | 97% |
| 2012 | 317,046 | 209,344 | 228,793 | 438,136 | 138% |
| 2013 | 321,638 | 43,816 | 204,020 | 247,836 | 77% |

Active Life Reserve Balance as of 12/31/2013: 2,532,190

Projection without Rate Increase

| Calendar Year | Earned Premium | Incurred Claims | Incurred Ratio |
|----------------|----------------|-----------------|----------------|
| 2014 | 271,440 | 413,763 | 152% |
| 2015 | 239,507 | 418,038 | 175% |
| 2016 | 208,784 | 414,632 | 199% |
| 2017 | 180,805 | 406,849 | 225% |
| 2018 | 155,538 | 394,246 | 253% |
| 2019 | 132,920 | 376,305 | 283% |
| 2020 | 112,820 | 349,589 | 310% |
| 2021 | 95,112 | 320,694 | 337% |
| 2022 | 79,642 | 292,028 | 367% |
| 2023 | 66,231 | 263,583 | 398% |
| 2024 | 54,695 | 235,555 | 431% |
| 2025 | 44,844 | 207,813 | 463% |
| 2026 | 36,516 | 182,199 | 499% |
| 2027 | 29,534 | 158,945 | 538% |
| 2028 | 23,726 | 137,995 | 582% |
| 2029 | 18,923 | 118,756 | 628% |
| 2030 | 14,991 | 101,278 | 676% |
| 2031 | 11,791 | 85,860 | 728% |
| 2032 | 9,216 | 72,119 | 783% |
| 2033 | 7,152 | 60,071 | 840% |
| 2034 | 5,512 | 49,490 | 898% |
| 2035 | 4,219 | 40,372 | 957% |
| 2036 | 3,205 | 32,608 | 1017% |
| 2037 | 2,418 | 26,035 | 1077% |
| 2038 | 1,812 | 20,578 | 1136% |
| 2039 | 1,348 | 16,129 | 1196% |
| 2040 | 996 | 12,452 | 1250% |
| 2041 | 731 | 9,511 | 1302% |
| 2042 | 533 | 7,209 | 1353% |
| 2043 | 386 | 5,403 | 1401% |
| 2044 | 278 | 4,010 | 1443% |
| 2045 | 199 | 2,919 | 1469% |
| 2046 | 141 | 2,099 | 1483% |
| 2047 | 101 | 1,490 | 1480% |
| 2048 | 71 | 1,050 | 1482% |
| 2049 | 50 | 735 | 1479% |
| 2050 | 35 | 508 | 1460% |
| 2051 | 24 | 347 | 1436% |
| 2052 | 16 | 234 | 1443% |
| 2053 and later | 32 | 460 | 1433% |

Projection with Rate Increase

| Calendar Year | Earned Premium | Incurred Claims | Incurred Ratio |
|----------------|----------------|-----------------|----------------|
| 2014 | 271,440 | 413,763 | 152% |
| 2015 | 254,177 | 418,038 | 164% |
| 2016 | 245,602 | 414,632 | 169% |
| 2017 | 214,073 | 406,849 | 190% |
| 2018 | 184,157 | 394,246 | 214% |
| 2019 | 157,377 | 376,305 | 239% |
| 2020 | 133,579 | 349,589 | 262% |
| 2021 | 112,612 | 320,694 | 285% |
| 2022 | 94,296 | 292,028 | 310% |
| 2023 | 78,418 | 263,583 | 336% |
| 2024 | 64,759 | 235,555 | 364% |
| 2025 | 53,095 | 207,813 | 391% |
| 2026 | 43,235 | 182,199 | 421% |
| 2027 | 34,968 | 158,945 | 455% |
| 2028 | 28,091 | 137,995 | 491% |
| 2029 | 22,404 | 118,756 | 530% |
| 2030 | 17,749 | 101,278 | 571% |
| 2031 | 13,960 | 85,860 | 615% |
| 2032 | 10,912 | 72,119 | 661% |
| 2033 | 8,468 | 60,071 | 709% |
| 2034 | 6,526 | 49,490 | 758% |
| 2035 | 4,995 | 40,372 | 808% |
| 2036 | 3,795 | 32,608 | 859% |
| 2037 | 2,863 | 26,035 | 909% |
| 2038 | 2,145 | 20,578 | 959% |
| 2039 | 1,596 | 16,129 | 1010% |
| 2040 | 1,179 | 12,452 | 1056% |
| 2041 | 865 | 9,511 | 1099% |
| 2042 | 631 | 7,209 | 1143% |
| 2043 | 456 | 5,403 | 1184% |
| 2044 | 329 | 4,010 | 1219% |
| 2045 | 235 | 2,919 | 1241% |
| 2046 | 168 | 2,099 | 1253% |
| 2047 | 119 | 1,490 | 1250% |
| 2048 | 84 | 1,050 | 1251% |
| 2049 | 59 | 735 | 1250% |
| 2050 | 41 | 508 | 1233% |
| 2051 | 29 | 347 | 1213% |
| 2052 | 19 | 234 | 1218% |
| 2053 and later | 38 | 460 | 1210% |

Loss Ratio Summaries

| | | | | | | |
|---|------------|------------|------|---|------------|------|
| Accumulated Value of Historical to 12/31/2013 | 24,804,555 | 11,912,639 | 48% | 24,804,555 | 11,912,639 | 48% |
| Present Value of Future to 12/31/2013 | 1,463,938 | 3,831,012 | 262% | 1,655,492 | 3,831,012 | 231% |
| Total Values (Discounted at 4.50%) | 26,268,493 | 15,743,651 | 60% | 26,460,047 | 15,743,651 | 59% |
| Projected Loss Ratio without Rate Increase | | | 60% | Projected Loss Ratio with Rate Increase | | 59% |