Company Tracking #: AGL RI7 PA

American General Life Insurance Company

State:	Pennsylvania	Filing Company:
TOI/Sub-TOI:	LTC03I Individual Long Term Care/LTC03I.003 Oth	ier
Product Name:	AGL Individual Long Term Care Insurance	
Project Name/Number:	AGL Rate Increase Filing Project/AGL RI7 PA	

## Filing at a Glance

Company:	American General Life Insurance Company
Product Name:	AGL Individual Long Term Care Insurance
State:	Pennsylvania
TOI:	LTC03I Individual Long Term Care
Sub-TOI:	LTC03I.003 Other
Filing Type:	Rate - M.U. (Medically underwritten)
Date Submitted:	01/07/2016
SERFF Tr Num:	LTCG-130391353
SERFF Status:	Assigned
State Tr Num:	LTCG-130391353
State Status:	Received Review in Progress
Co Tr Num:	AGL RI7 PA
Implementation	08/01/2016
Date Requested:	
Author(s):	Diana Ittner, Melissa Rajsic-McLaughlin, Carolyn Bittner
Reviewer(s):	Jim Laverty (primary)
Disposition Date:	
Disposition Status:	
Implementation Date:	

State Filing Description:

Proposed 25% rate increase on 397 PA policyholders of LTC forms 64028-PA and C12277-PA (plus franchise forms L50004-PA and L50005-PA).

Company Tracking #: AGL RI7 PA

State:	Pennsylvania	Filing Company:	American General Life Insurance Company			
TOI/Sub-TOI:	LTC03I Individual Long Term Care/LTC03I.003 Other					
Product Name:	AGL Individual Long Term Care Insurance					
Project Name/Number	AGL Rate Increase Filing Project/AGL RI7 PA					

## **General Information**

Project Name: AGL Rate Increase Filing Project Project Number: AGL RI7 PA Requested Filing Mode: Review & Approval

Explanation for Combination/Other: Submission Type: New Submission Overall Rate Impact: 25%

Deemer Date: Submitted By: Melissa Rajsic-McLaughlin

Filing Description: January 6, 2016

Pennsylvania Insurance Department Attn: Life and Health Rate Review Section

Re: AMERICAN GENERAL LIFE INSURANCE COMPANY FEIN # 25-0598210 NAIC # 60488 INDIVIDUAL ACCIDENT AND HEALTH INSURANCE Rate Increase for: Non-Tax Qualified Long Term Care Policy 64028-PA Tax Qualified Long Term Care Rider C12271-PA Inflation Benefit Rider 64031 Nonforfeiture Benefit Rider 64032

Dear Sir or Madam:

On behalf of American General Life Insurance Company (AGL), we at Long Term Care Group, Inc. (LTCG) are submitting the enclosed actuarial memorandum and rate sheets for your review and approval. A letter from AGL authorizing LTCG to make this rate filing on behalf of AGL is included.

The enclosed actuarial memorandum details the request for a 25% rate increase for AGL's long term care insurance Policy Form Series 64028 as noted above. The company discontinued sales of this form series in calendar year 2001. We are requesting this rate increase because persistency and claim experience are expected to produce lifetime loss ratios that far exceed the original pricing loss ratio. Your department has approved previous rate increases on this business. At this time, an additional rate increase of 25% is needed to mitigate future losses.

While an increase larger than 25% is justified at this time, the company is not seeking a higher increase. The company will continue to monitor the emerging experience of this block and review whether an additional rate increase is necessary.

The company will offer insureds affected by the premium increase several options to change their benefits. These options will allow insureds the flexibility to maintain their current premium level, if desired.

The rates will be effective following approval and fulfillment of all statutory and contractual requirements, but not earlier than

Status of Filing in Domicile: Not Filed Date Approved in Domicile: Domicile Status Comments: The company plans to submit a seventh rate increase filing in Texas, the state of domicile. Market Type: Individual Individual Market Type: Filing Status Changed: 01/11/2016 State Status Changed: 01/12/2016 Created By: Melissa Rajsic-McLaughlin Corresponding Filing Tracking Number:

Company Tracking #: AGL RI7 PA

State:	Pennsylvania	Filing Company:	American General Life Insurance Company
TOI/Sub-TOI:	LTC03I Individual Long Term Care/LTC03I.003 Ot	her	
Product Name:	AGL Individual Long Term Care Insurance		
Project Name/Number:	AGL Rate Increase Filing Project/AGL RI7 PA		

August 1, 2016, which is more than one year from the effective date of the previous rate increase. The rate increase will apply to all premium paying policyholders.

We trust that you will find our filing to be in order and hope that you will grant your Department's approval to this submission. If you have any questions or would like to discuss any of the materials included in this submission, please feel free to call me directly at (952) 516-6972 or send me an email to Carolyn.Bittner@ltcg.com.

We look forward to hearing from you.

Sincerely,

Carolyn Bittner, FSA, MAAA Consulting Actuary LTCG Acting as a consultant to American General Life Insurance Company

# **Company and Contact**

#### **Filing Contact Information**

Carolyn Bittner, 1210 Northbrook Drive Suite 100 Trevose, PA 19053 Carolyn.Bittner@ltcg.com 952-516-6972 [Phone]

#### **Filing Company Information**

(This filing was made by a third party -	longtermcaregroup)	
American General Life Insurance	CoCode: 60488	State of Domicile: Texas
Company	Group Code: 12	Company Type: Life and
2727-A Allen Parkway	Group Name:	Health
Houston, TX 77019	FEIN Number: 25-0598210	State ID Number:
(713) 831-3150 ext. [Phone]		

## **Filing Fees**

Fee Required?	No
Retaliatory?	No
Fee Explanation:	

SERFF Tracking #:	LTCG-130391353	State Tracking #:	LTCG-130391353	Company Tracking #: AGL RI7 PA
State:	Pennsylvania		Filing Compan	y: American General Life Insurance Company
TOI/Sub-TOI:	LTC03I Individual	Long Term Care/LTC03I.0	003 Other	
Product Name:	AGL Individual Lo	ong Term Care Insurance		
Project Name/Number:	AGL Rate Increas	se Filing Project/AGL RI7 P	PA	

## **Rate Information**

### Rate data applies to filing.

Filing Method:	SERFF - Review and Approval
Rate Change Type:	Increase
Overall Percentage of Last Rate Revision:	15.000%
Effective Date of Last Rate Revision:	05/01/2015
Filing Method of Last Filing:	SERFF - Review and Approval

# **Company Rate Information**

Company	Overall % Indicated	Overall % Rate	Written Premium Change for	Number of Policy Holders Affected	Written Premium for	Maximum % Change	Minimum % Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
American General Life Insurance Company	403.000%	25.000%	\$369,194	397	\$1,476,774	25.000%	25.000%

SERFF Tracking #:	LTCG-130391353	State Tracking #:	LTCG-130391353	Company Tracking #:	AGL RI7 PA
State:	Pennsylvania		Filing Company	: American General	Life Insurance Company
TOI/Sub-TOI:	LTC03I Individual	Long Term Care/LTC03I.(	003 Other		
Product Name:	AGL Individual Loi	ng Term Care Insurance			
Project Name/Number:	AGL Rate Increase	e Filing Project/AGL RI7 P	A		

## **Rate/Rule Schedule**

ltem No.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1		Rate Sheets	64028-PA, C12277-PA, 64031, 64032	Revised	Previous State Filing Number: LTCG-128129847 Percent Rate Change Request: 25	AGL RI7 PA Current Rate Sheets.pdf, AGL RI7 PA Proposed Rate Sheets with 25% rate increase.pdf,

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	69	84	93	100	145
50-59	87	109	127	153	227
60-64	133	161	181	192	284
65-69	196	232	262	283	325
70	291	334	380	423	500
71	324	370	420	470	557
72	355	401	460	516	618
73	411	465	536	601	713
74	461	524	610	684	808
75	516	588	684	771	906
76	569	651	761	851	1,002
77	624	711	835	936	1,097
78	689	787	923	1,034	1,213
79	754	859	1,010	1,135	1,331
80	819	935	1,097	1,235	1,443
81	887	1,010	1,185	1,333	1,558
82	951	1,086	1,272	1,431	1,673
83	1,041	1,190	1,397	1,570	1,825
84	1,134	1,296	1,521	1,708	1,977
85	1,225	1,404	1,645	1,852	2,130
86	1,318	1,508	1,770	1,990	2,278
87	1,412	1,616	1,898	2,132	2,430
88	1,570	1,796	2,110	2,370	2,704
89	1,731	1,978	2,323	2,611	2,975

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	87	108	121	132	167
50-59	116	139	160	176	238
60-64	171	210	237	254	325
65-69	247	301	339	366	445
70	346	417	473	520	628
71	378	457	520	569	689
72	411	499	564	619	748
73	466	565	644	707	851
74	523	634	723	795	952
75	577	700	804	881	1,055
76	634	771	881	968	1,158
77	689	842	963	1,056	1,259
78	767	928	1,068	1,175	1,382
79	850	1,017	1,172	1,290	1,507
80	928	1,104	1,275	1,412	1,634
81	1,006	1,190	1,379	1,530	1,754
82	1,088	1,279	1,482	1,645	1,878
83	1,191	1,404	1,627	1,811	2,049
84	1,300	1,530	1,776	1,970	2,221
85	1,405	1,657	1,921	2,132	2,387
86	1,513	1,777	2,064	2,293	2,556
87	1,617	1,902	2,207	2,453	2,728
88	1,802	2,117	2,458	2,730	3,034
89	1,984	2,332	2,705	3,005	3,341

#### Policy Form Series 64028 Level Benefits

	24	36	48	60	Lifetime
Issue Age					
18-49	95	121	137	148	176
50-59	129	155	175	192	246
60-64	190	237	263	286	347
65-69	279	342	383	415	515
70	378	477	526	573	700
71	411	509	577	628	764
72	443	553	626	680	827
73	500	626	711	771	935
74	557	698	792	859	1,041
75	613	772	874	951	1,149
76	673	848	959	1,041	1,252
77	728	919	1,044	1,133	1,359
78	819	1,018	1,158	1,262	1,490
79	910	1,113	1,275	1,396	1,622
80	1,001	1,213	1,389	1,526	1,753
81	1,089	1,308	1,507	1,659	1,884
82	1,180	1,405	1,622	1,791	2,015
83	1,295	1,542	1,779	1,967	2,198
84	1,410	1,681	1,939	2,141	2,378
85	1,524	1,817	2,098	2,316	2,561
86	1,640	1,958	2,256	2,492	2,743
87	1,754	2,094	2,415	2,669	2,923
88	1,952	2,329	2,688	2,967	3,253
89	2,152	2,562	2,959	3,267	3,581

Issue Age	24	36	48	60	Lifetime
18-49	85	101	116	124	181
50-59	109	137	155	190	283
60-64	167	199	224	238	352
65-69	238	284	324	346	399
70	350	401	460	509	604
71	389	445	505	565	673
72	427	481	553	619	741
73	489	554	641	719	851
74	547	624	723	817	960
75	611	697	810	913	1,072
76	669	767	896	1,005	1,181
77	733	835	982	1,099	1,288
78	808	923	1,086	1,214	1,426
79	887	1,010	1,188	1,334	1,562
80	963	1,097	1,288	1,450	1,699
81	1,041	1,188	1,395	1,563	1,832
82	1,117	1,272	1,497	1,681	1,967
83	1,222	1,397	1,643	1,847	2,145
84	1,333	1,524	1,786	2,008	2,323
85	1,442	1,650	1,935	2,176	2,502
86	1,550	1,776	2,082	2,339	2,677
87	1,658	1,899	2,230	2,507	2,857
88	1,847	2,110	2,478	2,785	3,174
89	2,032	2,325	2,730	3,065	3,495

Issue Age	24	36	48	60	Lifetime
18-49	109	132	152	164	208
50-59	144	173	198	221	296
60-64	210	261	292	315	406
65-69	307	370	415	451	546
70	415	505	570	628	761
71	454	547	626	682	827
72	492	596	674	743	897
73	557	674	771	848	1,018
74	619	754	859	944	1,134
75	682	833	951	1,045	1,245
76	748	910	1,041	1,143	1,366
77	808	989	1,134	1,243	1,481
78	902	1,091	1,252	1,379	1,627
79	997	1,191	1,375	1,518	1,770
80	1,091	1,296	1,498	1,658	1,921
81	1,185	1,397	1,617	1,796	2,064
82	1,279	1,503	1,743	1,935	2,206
83	1,398	1,650	1,912	2,125	2,407
84	1,526	1,796	2,086	2,315	2,605
85	1,651	1,944	2,255	2,507	2,806
86	1,777	2,087	2,423	2,693	3,005
87	1,902	2,234	2,596	2,882	3,205
88	2,117	2,489	2,888	3,207	3,566
89	2,329	2,738	3,176	3,532	3,927

Issue Age	24	36	48	60	Lifetime
18-49	117	152	171	183	221
50-59	160	196	216	238	307
60-64	237	292	327	355	428
65-69	342	420	470	509	633
70	457	565	635	696	848
71	493	613	696	756	919
72	530	661	751	817	995
73	597	748	850	919	1,117
74	664	833	942	1,025	1,236
75	728	914	1,037	1,126	1,359
76	792	1,001	1,133	1,228	1,481
77	858	1,081	1,225	1,327	1,596
78	963	1,197	1,359	1,482	1,753
79	1,068	1,308	1,498	1,636	1,906
80	1,175	1,426	1,634	1,793	2,059
81	1,280	1,536	1,770	1,950	2,214
82	1,388	1,651	1,906	2,103	2,366
83	1,521	1,812	2,093	2,310	2,582
84	1,657	1,977	2,277	2,516	2,793
85	1,791	2,138	2,468	2,724	3,010
86	1,927	2,299	2,653	2,928	3,222
87	2,064	2,460	2,839	3,136	3,435
88	2,293	2,736	3,158	3,485	3,823
89	2,530	3,011	3,476	3,839	4,209

Issue Age	24	36	48	60	Lifetime
18-49	133	171	190	206	286
50-59	171	215	239	261	363
60-64	224	283	317	346	505
65-69	317	389	435	470	604
70	445	523	596	664	827
71	486	565	647	728	902
72	530	610	700	795	974
73	592	682	792	897	1,095
74	656	761	887	1,002	1,214
75	719	833	979	1,105	1,339
76	782	906	1,068	1,208	1,459
77	842	982	1,159	1,312	1,578
78	913	1,065	1,259	1,421	1,708
79	982	1,149	1,354	1,531	1,840
80	1,055	1,228	1,452	1,640	1,975
81	1,121	1,310	1,549	1,753	2,103
82	1,191	1,395	1,643	1,862	2,234
83	1,295	1,508	1,779	2,010	2,399
84	1,397	1,627	1,921	2,164	2,562
85	1,498	1,745	2,054	2,316	2,728
86	1,600	1,862	2,192	2,468	2,890
87	1,704	1,978	2,329	2,620	3,056
88	1,878	2,180	2,566	2,890	3,367
89	2,049	2,379	2,801	3,157	3,675

Issue Age	24	36	48	60	Lifetime
18-49	171	216	244	263	342
50-59	216	276	311	339	435
60-64	284	363	414	450	604
65-69	401	500	564	611	808
70	526	653	741	817	1,063
71	569	700	800	887	1,150
72	611	751	859	952	1,235
73	680	838	960	1,063	1,372
74	744	926	1,063	1,175	1,507
75	815	1,010	1,164	1,287	1,645
76	881	1,097	1,264	1,397	1,784
77	951	1,185	1,366	1,508	1,921
78	1,033	1,275	1,477	1,640	2,054
79	1,117	1,366	1,589	1,770	2,192
80	1,199	1,459	1,700	1,902	2,329
81	1,285	1,549	1,812	2,032	2,462
82	1,367	1,636	1,923	2,164	2,597
83	1,485	1,777	2,086	2,341	2,792
84	1,603	1,917	2,245	2,516	2,982
85	1,716	2,053	2,404	2,693	3,167
86	1,833	2,192	2,562	2,873	3,359
87	1,952	2,332	2,724	3,049	3,550
88	2,153	2,569	3,005	3,364	3,916
89	2,349	2,806	3,276	3,667	4,276

Issue Age	24	36	48	60	Lifetime
18-49	190	244	276	299	371
50-59	239	308	350	380	473
60-64	319	407	461	501	656
65-69	450	564	634	690	923
70	573	727	827	904	1,199
71	618	782	890	974	1,295
72	657	835	958	1,045	1,388
73	733	932	1,063	1,164	1,536
74	804	1,026	1,172	1,280	1,684
75	873	1,119	1,279	1,397	1,833
76	944	1,214	1,388	1,513	1,985
77	1,017	1,310	1,493	1,630	2,132
78	1,112	1,410	1,617	1,777	2,271
79	1,204	1,507	1,743	1,923	2,415
80	1,296	1,605	1,863	2,071	2,556
81	1,389	1,704	1,986	2,221	2,697
82	1,482	1,802	2,110	2,366	2,839
83	1,612	1,954	2,285	2,556	3,048
84	1,737	2,108	2,460	2,751	3,256
85	1,862	2,256	2,638	2,946	3,464
86	1,990	2,410	2,812	3,141	3,669
87	2,116	2,562	2,987	3,330	3,879
88	2,333	2,824	3,295	3,674	4,277
89	2,550	3,085	3,595	4,009	4,670

Issue Age	24	36	48	60	Lifetime
18-49	167	210	237	254	355
50-59	210	263	299	324	451
60-64	279	350	393	427	626
65-69	389	477	532	577	741
70	538	633	719	804	1,001
71	587	680	779	874	1,086
72	635	733	842	952	1,168
73	707	817	946	1,072	1,308
74	782	904	1,055	1,191	1,446
75	851	986	1,158	1,310	1,586
76	919	1,071	1,259	1,427	1,722
77	989	1,156	1,362	1,542	1,854
78	1,071	1,251	1,481	1,671	2,008
79	1,156	1,350	1,593	1,799	2,161
80	1,241	1,443	1,705	1,927	2,320
81	1,318	1,541	1,817	2,059	2,474
82	1,398	1,635	1,930	2,185	2,625
83	1,521	1,776	2,093	2,364	2,819
84	1,643	1,912	2,255	2,546	3,011
85	1,761	2,049	2,415	2,724	3,205
86	1,879	2,185	2,577	2,900	3,396
87	2,001	2,325	2,736	3,079	3,589
88	2,206	2,562	3,014	3,396	3,958
89	2,407	2,796	3,292	3,708	4,319

Issue Age	24	36	48	60	Lifetime
18-49	210	269	301	327	423
50-59	269	342	386	420	538
60-64	352	451	509	554	748
65-69	493	613	690	751	990
70	635	788	895	986	1,285
71	682	843	963	1,065	1,382
72	735	902	1,033	1,143	1,481
73	815	1,002	1,150	1,268	1,636
74	888	1,099	1,264	1,397	1,793
75	963	1,197	1,379	1,524	1,952
76	1,041	1,295	1,490	1,650	2,103
77	1,117	1,395	1,605	1,776	2,255
78	1,213	1,498	1,737	1,927	2,415
79	1,312	1,605	1,868	2,082	2,577
80	1,412	1,712	1,999	2,234	2,736
81	1,507	1,817	2,130	2,387	2,895
82	1,608	1,923	2,261	2,546	3,056
83	1,745	2,087	2,451	2,751	3,276
84	1,884	2,252	2,638	2,956	3,501
85	2,016	2,414	2,824	3,166	3,723
86	2,157	2,577	3,011	3,374	3,947
87	2,293	2,738	3,202	3,581	4,172
88	2,531	3,019	3,532	3,953	4,602
89	2,763	3,296	3,850	4,309	5,022

Issue Age	24	36	48	60	Lifetime
18-49	237	301	342	370	461
50-59	299	383	435	470	588
60-64	396	505	573	624	815
65-69	547	690	779	850	1,134
70	696	874	1,001	1,091	1,452
71	743	937	1,072	1,175	1,558
72	788	1,002	1,149	1,256	1,666
73	873	1,112	1,268	1,389	1,835
74	958	1,221	1,396	1,524	2,006
75	1,034	1,327	1,515	1,658	2,175
76	1,113	1,434	1,635	1,786	2,341
77	1,191	1,541	1,754	1,914	2,507
78	1,306	1,657	1,902	2,087	2,673
79	1,415	1,770	2,048	2,261	2,839
80	1,524	1,886	2,192	2,435	3,005
81	1,634	2,001	2,333	2,605	3,167
82	1,743	2,117	2,478	2,780	3,336
83	1,891	2,294	2,684	3,005	3,578
84	2,039	2,476	2,890	3,230	3,827
85	2,185	2,653	3,097	3,462	4,070
86	2,339	2,834	3,303	3,689	4,311
87	2,486	3,011	3,508	3,913	4,557
88	2,743	3,319	3,871	4,318	5,024
89	2,993	3,626	4,222	4,712	5,487

#### American General Life Insurance Company Policy Form Series 64028 Long Term Care Policy

#### Rate Schedule

#### I. Substandard Rate classifications

Issue Age	Standard	Select	Underwriting Problems
18-59	129%	175%	210%
60-64	129%	174%	210%
65-69	126%	170%	205%
70-74	125%	167%	202%
75-79	123%	166%	200%
80-84	118%	160%	192%
85-89	114%	154%	185%

#### II. Area Rating

Area 1: All other areas.

# Area 2: California, New York, All other Florida counties not included in Area 3.

Area 3: Florida counties: Dade, Broward, Fort Lauderdale, Palm.

#### III. Elimination Period

Percentage
Discount
0%
6%
10%
12%
13%
22%
28%

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	86	105	116	125	181
50-59	109	136	159	191	284
60-64	166	201	226	240	355
65-69	245	290	328	354	406
70	364	418	475	529	625
71	405	463	525	588	696
72	444	501	575	645	773
73	514	581	670	751	891
74	576	655	763	855	1,010
75	645	735	855	964	1,133
76	711	814	951	1,064	1,253
77	780	889	1,044	1,170	1,371
78	861	984	1,154	1,293	1,516
79	943	1,074	1,263	1,419	1,664
80	1,024	1,169	1,371	1,544	1,804
81	1,109	1,263	1,481	1,666	1,948
82	1,189	1,358	1,590	1,789	2,091
83	1,301	1,488	1,746	1,963	2,281
84	1,418	1,620	1,901	2,135	2,471
85	1,531	1,755	2,056	2,315	2,663
86	1,648	1,885	2,213	2,488	2,848
87	1,765	2,020	2,373	2,665	3,038
88	1,963	2,245	2,638	2,963	3,380
89	2,164	2,473	2,904	3,264	3,719

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	109	135	151	165	209
50-59	145	174	200	220	298
60-64	214	263	296	318	406
65-69	309	376	424	458	556
70	433	521	591	650	785
71	473	571	650	711	861
72	514	624	705	774	935
73	583	706	805	884	1,064
74	654	793	904	994	1,190
75	721	875	1,005	1,101	1,319
76	793	964	1,101	1,210	1,448
77	861	1,053	1,204	1,320	1,574
78	959	1,160	1,335	1,469	1,728
79	1,063	1,271	1,465	1,613	1,884
80	1,160	1,380	1,594	1,765	2,043
81	1,258	1,488	1,724	1,913	2,193
82	1,360	1,599	1,853	2,056	2,348
83	1,489	1,755	2,034	2,264	2,561
84	1,625	1,913	2,220	2,463	2,776
85	1,756	2,071	2,401	2,665	2,984
86	1,891	2,221	2,580	2,866	3,195
87	2,021	2,378	2,759	3,066	3,410
88	2,253	2,646	3,073	3,413	3,793
89	2,480	2,915	3,381	3,756	4,176

#### Policy Form Series 64028 Level Benefits

	0.4	20	40	<u></u>	l if a first
Issue Age	24	36	48	60	Lifetime
18-49	119	151	171	185	220
50-59	161	194	219	240	308
60-64	238	296	329	358	434
65-69	349	428	479	519	644
70	473	596	658	716	875
71	514	636	721	785	955
72	554	691	783	850	1,034
73	625	783	889	964	1,169
74	696	873	990	1,074	1,301
75	766	965	1,093	1,189	1,436
76	841	1,060	1,199	1,301	1,565
77	910	1,149	1,305	1,416	1,699
78	1,024	1,273	1,448	1,578	1,863
79	1,138	1,391	1,594	1,745	2,028
80	1,251	1,516	1,736	1,908	2,191
81	1,361	1,635	1,884	2,074	2,355
82	1,475	1,756	2,028	2,239	2,519
83	1,619	1,928	2,224	2,459	2,748
84	1,763	2,101	2,424	2,676	2,973
85	1,905	2,271	2,623	2,895	3,201
86	2,050	2,448	2,820	3,115	3,429
87	2,193	2,618	3,019	3,336	3,654
88	2,440	2,911	3,360	3,709	4,066
89	2,690	3,203	3,699	4,084	4,476

Issue Age	24	36	48	60	Lifetime
18-49	106	126	145	155	226
50-59	136	171	194	238	354
60-64	209	249	280	298	440
65-69	298	355	405	433	499
70	438	501	575	636	755
71	486	556	631	706	841
72	534	601	691	774	926
73	611	693	801	899	1,064
74	684	780	904	1,021	1,200
75	764	871	1,013	1,141	1,340
76	836	959	1,120	1,256	1,476
77	916	1,044	1,228	1,374	1,610
78	1,010	1,154	1,358	1,518	1,783
79	1,109	1,263	1,485	1,668	1,953
80	1,204	1,371	1,610	1,813	2,124
81	1,301	1,485	1,744	1,954	2,290
82	1,396	1,590	1,871	2,101	2,459
83	1,528	1,746	2,054	2,309	2,681
84	1,666	1,905	2,233	2,510	2,904
85	1,803	2,063	2,419	2,720	3,128
86	1,938	2,220	2,603	2,924	3,346
87	2,073	2,374	2,788	3,134	3,571
88	2,309	2,638	3,098	3,481	3,968
89	2,540	2,906	3,413	3,831	4,369

Issue Age	24	36	48	60	Lifetime
18-49	136	165	190	205	260
50-59	180	216	248	276	370
60-64	263	326	365	394	508
65-69	384	463	519	564	683
70	519	631	713	785	951
71	568	684	783	853	1,034
72	615	745	843	929	1,121
73	696	843	964	1,060	1,273
74	774	943	1,074	1,180	1,418
75	853	1,041	1,189	1,306	1,556
76	935	1,138	1,301	1,429	1,708
77	1,010	1,236	1,418	1,554	1,851
78	1,128	1,364	1,565	1,724	2,034
79	1,246	1,489	1,719	1,898	2,213
80	1,364	1,620	1,873	2,073	2,401
81	1,481	1,746	2,021	2,245	2,580
82	1,599	1,879	2,179	2,419	2,758
83	1,748	2,063	2,390	2,656	3,009
84	1,908	2,245	2,608	2,894	3,256
85	2,064	2,430	2,819	3,134	3,508
86	2,221	2,609	3,029	3,366	3,756
87	2,378	2,793	3,245	3,603	4,006
88	2,646	3,111	3,610	4,009	4,458
89	2,911	3,423	3,970	4,415	4,909

Issue Age	24	36	48	60	Lifetime
18-49	146	190	214	229	276
50-59	200	245	270	298	384
60-64	296	365	409	444	535
65-69	428	525	588	636	791
70	571	706	794	870	1,060
71	616	766	870	945	1,149
72	663	826	939	1,021	1,244
73	746	935	1,063	1,149	1,396
74	830	1,041	1,178	1,281	1,545
75	910	1,143	1,296	1,408	1,699
76	990	1,251	1,416	1,535	1,851
77	1,073	1,351	1,531	1,659	1,995
78	1,204	1,496	1,699	1,853	2,191
79	1,335	1,635	1,873	2,045	2,383
80	1,469	1,783	2,043	2,241	2,574
81	1,600	1,920	2,213	2,438	2,768
82	1,735	2,064	2,383	2,629	2,958
83	1,901	2,265	2,616	2,888	3,228
84	2,071	2,471	2,846	3,145	3,491
85	2,239	2,673	3,085	3,405	3,763
86	2,409	2,874	3,316	3,660	4,028
87	2,580	3,075	3,549	3,920	4,294
88	2,866	3,420	3,948	4,356	4,779
89	3,163	3,764	4,345	4,799	5,261

Issue Age	24	36	48	60	Lifetime
18-49	166	214	238	258	358
50-59	214	269	299	326	454
60-64	280	354	396	433	631
65-69	396	486	544	588	755
70	556	654	745	830	1,034
71	608	706	809	910	1,128
72	663	763	875	994	1,218
73	740	853	990	1,121	1,369
74	820	951	1,109	1,253	1,518
75	899	1,041	1,224	1,381	1,674
76	978	1,133	1,335	1,510	1,824
77	1,053	1,228	1,449	1,640	1,973
78	1,141	1,331	1,574	1,776	2,135
79	1,228	1,436	1,693	1,914	2,300
80	1,319	1,535	1,815	2,050	2,469
81	1,401	1,638	1,936	2,191	2,629
82	1,489	1,744	2,054	2,328	2,793
83	1,619	1,885	2,224	2,513	2,999
84	1,746	2,034	2,401	2,705	3,203
85	1,873	2,181	2,568	2,895	3,410
86	2,000	2,328	2,740	3,085	3,613
87	2,130	2,473	2,911	3,275	3,820
88	2,348	2,725	3,208	3,613	4,209
89	2,561	2,974	3,501	3,946	4,594

Issue Age	24	36	48	60	Lifetime
18-49	214	270	305	329	428
50-59	270	345	389	424	544
60-64	355	454	518	563	755
65-69	501	625	705	764	1,010
70	658	816	926	1,021	1,329
71	711	875	1,000	1,109	1,438
72	764	939	1,074	1,190	1,544
73	850	1,048	1,200	1,329	1,715
74	930	1,158	1,329	1,469	1,884
75	1,019	1,263	1,455	1,609	2,056
76	1,101	1,371	1,580	1,746	2,230
77	1,189	1,481	1,708	1,885	2,401
78	1,291	1,594	1,846	2,050	2,568
79	1,396	1,708	1,986	2,213	2,740
80	1,499	1,824	2,125	2,378	2,911
81	1,606	1,936	2,265	2,540	3,078
82	1,709	2,045	2,404	2,705	3,246
83	1,856	2,221	2,608	2,926	3,490
84	2,004	2,396	2,806	3,145	3,728
85	2,145	2,566	3,005	3,366	3,959
86	2,291	2,740	3,203	3,591	4,199
87	2,440	2,915	3,405	3,811	4,438
88	2,691	3,211	3,756	4,205	4,895
89	2,936	3,508	4,095	4,584	5,345

Issue Age	24	36	48	60	Lifetime
18-49	238	305	345	374	464
50-59	299	385	438	475	591
60-64	399	509	576	626	820
65-69	563	705	793	863	1,154
70	716	909	1,034	1,130	1,499
71	773	978	1,113	1,218	1,619
72	821	1,044	1,198	1,306	1,735
73	916	1,165	1,329	1,455	1,920
74	1,005	1,283	1,465	1,600	2,105
75	1,091	1,399	1,599	1,746	2,291
76	1,180	1,518	1,735	1,891	2,481
77	1,271	1,638	1,866	2,038	2,665
78	1,390	1,763	2,021	2,221	2,839
79	1,505	1,884	2,179	2,404	3,019
80	1,620	2,006	2,329	2,589	3,195
81	1,736	2,130	2,483	2,776	3,371
82	1,853	2,253	2,638	2,958	3,549
83	2,015	2,443	2,856	3,195	3,810
84	2,171	2,635	3,075	3,439	4,070
85	2,328	2,820	3,298	3,683	4,330
86	2,488	3,013	3,515	3,926	4,586
87	2,645	3,203	3,734	4,163	4,849
88	2,916	3,530	4,119	4,593	5,346
89	3,188	3,856	4,494	5,011	5,838

Issue Age	24	36	48	60	Lifetime
18-49	209	263	296	318	444
50-59	263	329	374	405	564
60-64	349	438	491	534	783
65-69	486	596	665	721	926
70	673	791	899	1,005	1,251
71	734	850	974	1,093	1,358
72	794	916	1,053	1,190	1,460
73	884	1,021	1,183	1,340	1,635
74	978	1,130	1,319	1,489	1,808
75	1,064	1,233	1,448	1,638	1,983
76	1,149	1,339	1,574	1,784	2,153
77	1,236	1,445	1,703	1,928	2,318
78	1,339	1,564	1,851	2,089	2,510
79	1,445	1,688	1,991	2,249	2,701
80	1,551	1,804	2,131	2,409	2,900
81	1,648	1,926	2,271	2,574	3,093
82	1,748	2,044	2,413	2,731	3,281
83	1,901	2,220	2,616	2,955	3,524
84	2,054	2,390	2,819	3,183	3,764
85	2,201	2,561	3,019	3,405	4,006
86	2,349	2,731	3,221	3,625	4,245
87	2,501	2,906	3,420	3,849	4,486
88	2,758	3,203	3,768	4,245	4,948
89	3,009	3,495	4,115	4,635	5,399

Issue Age	24	36	48	60	Lifetime
18-49	263	336	376	409	529
50-59	336	428	483	525	673
60-64	440	564	636	693	935
65-69	616	766	863	939	1,238
70	794	985	1,119	1,233	1,606
71	853	1,054	1,204	1,331	1,728
72	919	1,128	1,291	1,429	1,851
73	1,019	1,253	1,438	1,585	2,045
74	1,110	1,374	1,580	1,746	2,241
75	1,204	1,496	1,724	1,905	2,440
76	1,301	1,619	1,863	2,063	2,629
77	1,396	1,744	2,006	2,220	2,819
78	1,516	1,873	2,171	2,409	3,019
79	1,640	2,006	2,335	2,603	3,221
80	1,765	2,140	2,499	2,793	3,420
81	1,884	2,271	2,663	2,984	3,619
82	2,010	2,404	2,826	3,183	3,820
83	2,181	2,609	3,064	3,439	4,095
84	2,355	2,815	3,298	3,695	4,376
85	2,520	3,018	3,530	3,958	4,654
86	2,696	3,221	3,764	4,218	4,934
87	2,866	3,423	4,003	4,476	5,215
88	3,164	3,774	4,415	4,941	5,753
89	3,454	4,120	4,813	5,386	6,278

Issue Age	24	36	48	60	Lifetime
18-49	296	376	428	463	576
50-59	374	479	544	588	735
60-64	495	631	716	780	1,019
65-69	684	863	974	1,063	1,418
70	870	1,093	1,251	1,364	1,815
71	929	1,171	1,340	1,469	1,948
72	985	1,253	1,436	1,570	2,083
73	1,091	1,390	1,585	1,736	2,294
74	1,198	1,526	1,745	1,905	2,508
75	1,293	1,659	1,894	2,073	2,719
76	1,391	1,793	2,044	2,233	2,926
77	1,489	1,926	2,193	2,393	3,134
78	1,633	2,071	2,378	2,609	3,341
79	1,769	2,213	2,560	2,826	3,549
80	1,905	2,358	2,740	3,044	3,756
81	2,043	2,501	2,916	3,256	3,959
82	2,179	2,646	3,098	3,475	4,170
83	2,364	2,868	3,355	3,756	4,473
84	2,549	3,095	3,613	4,038	4,784
85	2,731	3,316	3,871	4,328	5,088
86	2,924	3,543	4,129	4,611	5,389
87	3,108	3,764	4,385	4,891	5,696
88	3,429	4,149	4,839	5,398	6,280
89	3,741	4,533	5,278	5,890	6,859

#### American General Life Insurance Company Policy Form Series 64028 Long Term Care Policy

#### Rate Schedule

#### I. Substandard Rate classifications

Issue Age	Standard	Select	Underwriting Problems
18-59	129%	175%	210%
60-64	129%	174%	210%
65-69	126%	170%	205%
70-74	125%	167%	202%
75-79	123%	166%	200%
80-84	118%	160%	192%
85-89	114%	154%	185%

#### II. Area Rating

Area 1: All other areas.

# Area 2: California, New York, All other Florida counties not included in Area 3.

Area 3: Florida counties: Dade, Broward, Fort Lauderdale, Palm.

#### III. Elimination Period

Elimination	Percentage		
Period	Discount		
0	0%		
7	6%		
14	10%		
20	12%		
30	13%		
60	22%		
100	28%		

SERFF Tracking #:	LTCG-130391353	State Tracking #:	LTCG-130391353	Company Tracking #:	AGL RI7 PA	
State:	Pennsylvania		Filing Compan	y: American General	I Life Insurance Company	
TOI/Sub-TOI:	LTC03I Individual L	ong Term Care/LTC03I.(	003 Other			
Product Name:	AGL Individual Long	g Term Care Insurance				
Project Name/Number:	AGL Rate Increase	Filing Project/AGL RI7 F	PA			

# Supporting Document Schedules

Transmittal Letter (A&H)
AGL RI7 PA Cover Letter.pdf
Actuarial Certification (A&H)
Please see Section 11 on Page 7 of the attached actuarial memorandum for the actuarial certification.
AGL RI7 PA Actuarial Memorandum 2016_01_06 with Exhibits A-E.pdf
Actuarial Memorandum and Explanatory Information (A&H)
AGL RI7 PA Actuarial Memorandum 2016_01_06 with Exhibits A-E.pdf
Advertisements (A&H)
Not applicable to this rate increase only filing.
Authorization to File (A&H)
AGL LTCG Auth 2016.pdf
Insert Page Explanation (A&H)
Not applicable to this rate increase only filing.
Not applicable to this rate increase only filing.
Not applicable to this rate increase only filing.

SERFF Tracking #:	LTCG-130391353	State Tracking #:	LTCG-130391353	Company Tracking #:	AGL RI7 PA
State:	Pennsylvania		Filing Comp	pany: American General	I Life Insurance Company
TOI/Sub-TOI:	LTC03I Individu	ual Long Term Care/LTC03I.0	003 Other		
Product Name:		Long Term Care Insurance			
Project Name/Number:	AGL Rate Incre	ase Filing Project/AGL RI7 P	<i>?</i> А		
Satisfied - Item:		Rate Table (A&H)			
Comments:	-	These rate tables are a	Iso included under the Rate/F	Rule Schedule.	
Attachment(s):		AGL RI7 PA Current Ra AGL RI7 PA Proposed	ate Sheets.pdf Rate Sheets with 25% rate in	ncrease.pdf	
Item Status:					
Status Date:					
Bypassed - Item:		Replacement Form with	h Highlighted Changes (A&H)		
Bypass Reason:		Not applicable to this ra	ate increase only filing.		
Attachment(s):					
Item Status:					
Status Date:					
Bypassed - Item:		Reserve Calculation (A	&H)		
Bypass Reason:		Not applicable to this ra	ate increase only filing.		
Attachment(s):					
Item Status:					
Status Date:					
Bypassed - Item:		Variability Explanation (	(A&H)		
Bypass Reason:		Not applicable to this ra	ate increase only filing.		
Attachment(s):					
Item Status:					
Status Date:					



20975 Swenson Drive Suite 420 Waukesha, WI 53186 (877) 431-5824

January 6, 2016

Pennsylvania Insurance Department Attn: Life and Health Rate Review Section

Re: AMERICAN GENERAL LIFE INSURANCE COMPANY FEIN # 25-0598210 NAIC # 60488 INDIVIDUAL ACCIDENT AND HEALTH INSURANCE Rate Increase for: Non-Tax Qualified Long Term Care Policy 64028-PA Tax Qualified Long Term Care Rider C12271-PA Inflation Benefit Rider 64031 Nonforfeiture Benefit Rider 64032

Dear Sir or Madam:

On behalf of American General Life Insurance Company (AGL), we at Long Term Care Group, Inc. (LTCG) are submitting the enclosed actuarial memorandum and rate sheets for your review and approval. A letter from AGL authorizing LTCG to make this rate filing on behalf of AGL is included.

The enclosed actuarial memorandum details the request for a 25% rate increase for AGL's long term care insurance Policy Form Series 64028 as noted above. The company discontinued sales of this form series in calendar year 2001. We are requesting this rate increase because persistency and claim experience are expected to produce lifetime loss ratios that far exceed the original pricing loss ratio. Your department has approved previous rate increases on this business. At this time, an additional rate increase of 25% is needed to mitigate future losses.

While an increase larger than 25% is justified at this time, the company is not seeking a higher increase. The company will continue to monitor the emerging experience of this block and review whether an additional rate increase is necessary.

The company will offer insureds affected by the premium increase several options to change their benefits. These options will allow insureds the flexibility to maintain their current premium level, if desired.

The rates will be effective following approval and fulfillment of all statutory and contractual requirements, but not earlier than August 1, 2016, which is more than one year from the effective date of the previous rate increase. The rate increase will apply to all premium paying policyholders.

January 6, 2016 Page 2 of 2

We trust that you will find our filing to be in order and hope that you will grant your Department's approval to this submission. If you have any questions or would like to discuss any of the materials included in this submission, please feel free to call me directly at (952) 516-6972 or send me an email to <u>Carolyn.Bittner@ltcg.com</u>.

We look forward to hearing from you.

Sincerely,

Carolyn Bittner

Carolyn Bittner, FSA, MAAA Consulting Actuary LTCG Acting as a consultant to American General Life Insurance Company

## **American General Life Insurance Company**

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

### 1. PURPOSE OF FILING

This is a rate increase filing for American General Life Insurance Company's existing Long Term Care Policy Form Series 64028. The purpose of this filing is to demonstrate that the anticipated loss ratio for this form meets the minimum requirements of this state. This rate filing is not intended to be used for any other purposes.

#### 2. SCOPE OF FILING

This filing applies to the Company's Long Term Care policy and rider forms summarized below:

Series LTC-1 Policy Form 64028-PA Non-Tax Qualified Policy Form C12277-PA Tax Qualified Rider Form 64031 (Inflation Benefit) Rider Form 64032-PA (Nonforfeiture Benefit)

Additionally, the policy and rider forms listed below are Franchise policies which are not regulated by the Pennsylvania Insurance Department and so approval of a rate increase for these is not being requested. The same rate increase approved for the above policies and forms will be applied, as past rate increases have been applied.

Policy Form L50004-PA Non-Tax Qualified Policy Form L50005-PA Tax Qualified Rider Form L50009 (Inflation Benefit) Rider Form L50010-PA (Nonforfeiture Benefit

The rate increase will apply to all insureds issued coverage under the above referenced forms in this state. The number of policyholders and average premiums before and after the rate increase are shown in Exhibit A.

The rate increase will apply to in-force business only as the company stopped selling Policy Form Series 64028 in 2001. There were no policies sold on or after September 15, 2002.

#### 3. REASON FOR RATE INCREASE REQUEST

This rate filing is a request for a 25% increase. While a rate increase larger than 25% can be justified at this time, the company is currently not seeking a higher increase. Instead the company will continue to monitor emerging experience and review whether an additional rate increase is necessary.

The product was originally priced for a 61% lifetime loss ratio. Exhibit B provides the originally filed loss ratios for this policy by duration. This filing demonstrates that if future experience is

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

consistent with our best estimates, and nationwide earned premiums are restated to the historical Pennsylvania rate level, the actual lifetime loss ratio will be 100.3%. The requested rate increase is needed to mitigate future losses.

The proposed effective date after approval and fulfillment of all statutory and contractual requirements will not be sooner than August 1, 2016, which is more than one year from the implementation date of the previous rate increase.

#### 4. RATE INCREASE HISTORY

There have been six previous rate increases on the policies included in this filing:

Approval Date	Percentage Increase
6/2/2005	25%
9/19/2007	10%
9/8/2008	25%
5/6/2010	17.5%
6/8/2012	17.5%
10/7/2014	15%

Exhibit C provides the history of rate changes for the nation.

### 5. PROJECTION ASSUMPTIONS

**Interest** – The effective annual rate of interest assumed for accumulating historical experience and for discounting projected future experience ranges from 4.9% to 6.5% by claim incurral year. A 5% interest rate was used in the initial filing.

**Mortality** – Mortality is based on the 1994 Group Annuitant Mortality (GAM) with underwriting selection factors and projected mortality improvement based on the AA projection scale for the first 20 policy years. All policies inforce are at duration thirteen or greater.

Policy	Mortality Selection Factor			
Duration	Male Female			
11	0.58	0.39		
12	0.60	0.40		
13	0.62	0.42		
14	0.64	0.43		
15+	0.66	0.44		

The original pricing assumed mortality equal to 90% of the 1979-81 U.S. Population Mortality Table.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

**Voluntary Lapse Rates -** Actual voluntary lapse rates have been considerably lower than pricing assumptions. The following table displays original pricing lapse rates.

<b>Original Pricing Lapse Rates</b>				
Duration	Lapse Rate			
1	24%			
2	20%			
3	10%			
4	10%			
5	8%			
6	7%			
7	6%			
8-10	5%			
11+	4%			

Voluntary lapse assumptions are based on actual lapse experience between January 1, 2004 and March 31, 2013. Actual lapse rates were studied separately for lapses unrelated to rate increases and for shock lapses due to rate increases.

The following table displays the actual experience lapse rates unrelated to rate increases for durations 7 and greater. All policies inforce are at duration thirteen or greater.

Exposure	Policy	1	Actual Experience Lapse Rates Unrelated to Rate Increases						
Period	Duration	<50	50-59	60-64	65-69	70-74	75-79	80+	Total
2004+	7+	3.3%	1.5%	1.2%	1.4%	1.7%	1.9%	1.7%	1.5%

Best estimate lapse assumptions for lapses unrelated to rate increases are displayed in the table below:

Best Estimate Lapse Rates Unrelated to Rate Increases				
Duration All Ages				
12+ 1.5%				

Actual experience lapse rates for lapses due to rate increases ranging from approximately 15% to 25% are displayed in the table below:

Shock Lapse Experience by Rate Increase Rate Increases Ranging from 15% to 25% For Duration 7 or Greater							
Exposure         Exposure           Rate Increase         Years         Terminations         Shock Lapse							
Rate Increase 1	2,889	107	3.6%				
Rate Increase 2	5,275	236	4.4%				
Rate Increase 3	4,505	291	6.3%				
Rate Increase 4	2,789	132	4.6%				
Rate Increase 5	1,127	59	5.1%				
Rate Increase 6	Rate Increase 6         414         20         4.7%						
Rate Increases 3-6	8,835	502	5.5%				

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

The shock lapse rates noted above are distributed based on policyholder premium payment mode. Therefore, the shock lapse rates displayed above do not translate into the percentage of policyholders that lapse their policy.

The average annual shock lapse rate of 5.5% for Rate Increases 3-6 results in a shock lapse rate of approximately 1.7% of policies. Best estimate lapse assumptions used in the projections include a shock lapse rate of 1.7% of policies for the requested rate increase. As a result of the shock lapse, it is likely that this business will experience adverse selection. However, adverse selection has not been factored into morbidity assumptions.

In addition, we increase policy termination rates to reflect claimants that either exhaust benefits or die while on claim.

**Morbidity** - Morbidity assumptions vary by gender, attained age and plan design and are based on American General Life Insurance Company's actual experience, long term care insured experience of LTCG administrative clients, numerous studies of non-insurance data, LTC insurance industry data and judgment. We adjusted the starting claim costs to reflect:

- ≻ Inflation on claim
- > Reduced exposure for insureds already on claim
- > Morbidity improvement of 1% per year for the first 20 policy years

### 6. MINIMUM REQUIRED LIFETIME LOSS RATIO

The minimum required lifetime loss ratio for these forms is 60%.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

### 7. PROJECTED FUTURE EXPERIENCE

Future experience, which has been projected for forty years using the best estimate assumptions described in Section 5, is shown in Exhibit E. The following table summarizes the nationwide anticipated future loss ratio without the requested rate increase:

Nationwide Future Experience Best Estimate Assumptions Without Rate Increase					
Earned Premium atHistorical PennsylvaniaIncurred					
Rate LevelClaimsLoss Ratio					
\$112,510,224	\$344,162,318	305.9%			

### 8. HISTORICAL EXPERIENCE

Nationwide and Pennsylvania only experience from 4/1/1997 through 12/31/2014 is shown in Exhibit E. This data includes claim payments through 12/31/2014. The following table summarizes the nationwide and Pennsylvania only historical loss ratio accumulated with interest to 12/31/2014:

Nationwide Historical Actual Experience					
Earned Premium at Historical					
Area	Pennsylvania Rate Level	<b>Incurred Claims</b>	Loss Ratio		
Nationwide	\$590,323,411	\$361,014,800	61.2%		
Pennsylvania	\$35,187,831	\$16,280,962	46.3%		

### 9. LIFETIME ANTICIPATED LOSS RATIO

The lifetime anticipated loss ratio is defined as the present value of the historical and projected future incurred claims divided by the present value of the historical and projected future earned premiums. Exhibit E also provides a projection of these values with a 25% rate increase implemented in calendar year 2015. Nationwide and Pennsylvania only results are summarized below:

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

Nationwide							
	Anticipated Lifetime I	Loss Ratio					
	<b>Rate Increase =</b> 2	25%					
	Earned Premium at						
	Historical/Projected						
	Pennsylvania Incurred						
Time Period	Time PeriodRate LevelClaimsLoss Ratio						
Future \$131,906,033 \$338,850,594 25							
Lifetime	\$722,229,444	\$699,865,394	96.9%				

Pennsylvania							
	Anticipated Lifetime I	Loss Ratio					
	Rate Increase = 2	25%					
	Earned Premium at						
	Historical/Projected						
	Pennsylvania Incurred						
Time Period	Time PeriodRate LevelClaimsLoss Ratio						
Future	\$9,267,032	\$21,791,764	235.2%				
Lifetime	\$44,454,863	\$38,072,726	85.6%				

The above demonstrates that both the anticipated future loss ratio and the lifetime anticipated loss ratio are in compliance with the minimum loss ratio requirements after implementation of the 25% rate increase.

With previous rate increase requests, the state has requested nationwide and Pennsylvania projections in which earned premiums were restated to current Pennsylvania rate levels. These projections are displayed on page 3 and page 4 of Exhibit E.

#### 10. ADDITIONAL POLICYHOLDER OPTIONS TO MITIGATE IMPACT OF PREMIUM RATE INCREASE

The company will offer the following option to policyholders to mitigate the impact of the premium increase:

#### Benefit Reduction Offer

The company will offer policyholders the option to reduce benefits upon notification of the premium increase. Several options will allow the policyholder to adjust or manage their premium level by modifying policy benefits. Examples of available benefit modifications include, but are not limited to, decreasing the Daily Benefit Amount (DBA), increasing the elimination period (or waiting period), and decreasing the benefit period.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

#### **11. ACTUARIAL CERTIFICATION**

I hereby certify to the best of my knowledge and judgment, the entire rate filing submitted herein is in compliance with all applicable laws of this state, the rules of the Department of Insurance, and Actuarial Standard of Practice Number 8 as adopted by the Actuarial Standards Board. In my opinion, the rates are not excessive or unfairly discriminatory. This filing will enhance premium adequacy, but it is likely that future rate action will be necessary. Therefore, benefits cannot be certified reasonable in relation to premium.

Respectfully submitted,

Carolyn Bitner

Carolyn Bittner, FSA, MAAA Consulting Actuary LTCG Acting as a consultant to American General Life Insurance Company

Attachments:

Exhibit A – Nationwide and Pennsylvania Annualized Premiums

Exhibit B – Originally Filed Loss Ratios

Exhibit C – Rate Increase History

Exhibit D - Historical Experience - Nationwide and Pennsylvania

Exhibit E – Lifetime Experience Without and With Rate Increase

Current Rate Sheets

Proposed Rate Sheets (with 25% Increase)

Exhibits A-E (Excel)

## Nationwide and Pennsylvania Annualized Premiums

		Average Annualized Premiums <sup>1</sup>			
		AnnualizedWith IncreaseWith RequestePremium PerImplemented in25% Rate			
	Lives Inforce	Inforce 2015		Increase	
Nationwide	7,004	\$3,308	\$3,804	\$4,756	
Pennsylvania	397	\$3,720	\$4,278	\$5,347	

## Policies Inforce as of 12/31/2014

<sup>1</sup> Based on premium paying policyholders

### American General Life Insurance Company Policy Form Series 64028 Long Term Care Plan - 30 Year Projection Original Filed Loss Ratios By Duration

				Present Values @ 5%			
Policy							
Year	Premiums	Claims	Loss Ratio	Premiums	Claims	Loss Ratio	
1	1,646.00	357.87	21.7%	1,646.00	349.25	21.2%	
2	1,174.80	352.43	30.0%	1,118.86	327.56	29.3%	
3	881.09	348.16	39.5%	799.17	308.18	38.6%	
4	710.18	337.80	47.6%	613.48	284.77	46.4%	
5	597.83	325.02	54.4%	491.84	260.95	53.1%	
6	512.55	315.77	61.6%	401.60	241.45	60.1%	
7	442.14	319.93	72.4%	329.93	232.98	70.6%	
8	383.65	323.33	84.3%	272.65	224.25	82.2%	
9	334.78	326.36	97.5%	226.59	215.57	95.1%	
10	290.39	316.20	108.9%	187.19	198.91	106.3%	
11	250.59	302.63	120.8%	153.84	181.31	117.9%	
12	217.55	296.93	136.5%	127.20	169.42	133.2%	
13	187.75	287.79	153.3%	104.55	156.39	149.6%	
14	161.02	275.73	171.2%	85.39	142.70	167.1%	
15	137.20	261.28	190.4%	69.30	128.78	185.8%	
16	116.34	245.33	210.9%	55.96	115.16	205.8%	
17	98.10	232.24	236.7%	44.94	103.83	231.0%	
18	82.21	217.65	264.7%	35.87	92.67	258.4%	
19	68.41	201.91	295.1%	28.43	81.88	288.0%	
20	56.50	185.40	328.1%	22.36	71.60	320.2%	
21	46.38	168.79	363.9%	17.48	62.08	355.2%	
22	37.81	151.94	401.9%	13.57	53.22	392.2%	
23	30.57	135.31	442.6%	10.45	45.14	432.0%	
24	24.48	119.13	486.6%	7.97	37.85	474.9%	
25	19.40	103.60	534.0%	6.02	31.35	521.2%	
26	15.25	89.21	585.0%	4.50	25.71	570.9%	
27	11.87	75.26	634.0%	3.34	20.66	618.8%	
28	9.15	62.71	685.4%	2.45	16.39	668.8%	
29	6.99	51.56	737.6%	1.78	12.84	719.8%	
30	5.27	41.79	793.0%	1.28	9.91	773.9%	
Total	8,556.25	6,829.06	79.81%	6,883.98	4,202.77	61.05%	

#### American General Life Insurance Company LTC Rate History and Filing Status Policy 64028 and Associated Riders

				Rate Increase #	1	1	Rate Increase #	#2		Rate Increase	#3		Rate Increase	#4	1	Rate Increase	e #5	1	Rate Increase #	#6		Rate Increase	¥7
1	Inforce Lives				Approved			Approved			Approved			Approved	1		Approved			Approved			Approved
1	as of	Annzd Premium	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current
State	12/20/2014	as of 12/20/2014	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status
Alabama	0	0	0%			0%			0%			0%			0%			0%			0%		
Alaska	0	0	0%			0%			0%			0%			0%			0%			0%		
Arizona	66	236,674	25%	15%	9/9/2005	25%	15%	7/31/2007	25%	15%	12/29/2008	25%	25%	5/17/2010	25%	25%	1/23/2012	25%	0%	to be filed	25%	0%	to be filed
Arkansas	7	27,756	25%	25%	11/6/2006	25%	25%	10/1/2008	25%	12.5%	3/3/2010	25%	10%	4/19/2013	25%	15%	6/24/2015	25%	0%	to be filed	25%	0%	to be filed
California	839	2,585,373	25%	25%	1/14/2005	25%	25%	6/26/2007	25%	25%	5/11/2010	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Colorado	50	128,073	25%	25%	7/19/2006	25%	25%	10/7/2008	25%	25%	1/12/2010	25%	25%	7/15/2015	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Connecticut	84	397,157	25%	25%	5/25/2006	25%	15%	8/5/2008	25%	10%	11/6/2009	25%	20%	11/19/2010	25%	15%	7/12/2012	25%	20%	6/18/2013	19%	19%	9/3/2015
DC	4	8,934	25%	21%	10/8/2008	25%	10%	3/3/2011	25%	10%	5/30/2012	25%	10%	11/8/2013	10%	10%	2/18/2015	10%	0%	to be filed	10%	0%	to be filed
Delaware Florida	40	82,488 431,472	25% 23%	23%	4/5/2006 10/30/2006	25% 64%	10%	10/20/2008 10/24/2014	25% 47%	15% 0%	5/10/2010 to be filed	25% TBD	15% 0%	8/10/2011 to be filed	25% TBD	25% 0%	10/22/2013 to be filed	25% TBD	25%	5/20/2015 to be filed	25% TBD	0%	to be filed to be filed
Georgia	21	59.030	25%	12%	9/26/2005	25%	10%	3/6/2007	25%	10%	11/11/2008	25%	10%	3/30/2010	25%	15%	7/18/2011	25%	12%	7/20/2012	25%	10%	8/13/2013
Hawaii	21	33,046	25%	20%	9/20/2003	25%	20%	3/6/2007	25%	10%	6/6/2011	25%	25%	8/12/2010	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed
Idaho	30	90.051	25%	20%	6/8/2006	25%	20%	12/24/2008	25%	25%	4/29/2010	25%	23%	1/6/2012	25%	10%	10/30/2014	2.5%	0%	to be filed	2.5%	0%	to be filed
Illinois	281	1.340.276	25%	25%	2/4/2005	25%	25%	6/20/2007	25%	25%	8/4/2008	25%	25%	12/4/2009	25%	25%	3/29/2011	25%	25%	3/27/2012	25%	25%	1/8/2015
Indiana	38	96,771	25%	25%	9/24/2005	25%	25%	2/20/2007	25%	25%	11/6/2008	25%	10%	6/24/2010	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Iowa	67	163,553	25%	20%	6/2/2006	25%	15%	11/24/2008	25%	20%	5/7/2010	25%	19%	7/6/2011	25%	18%	11/5/2012	25%	16.5%	12/27/2013	25%	18%	10/14/2015
Kansas	182	530,677	25%	15%	8/11/2005	25%	15%	6/1/2007	25%	25%	11/10/2008	25%	10%	7/26/2010	25%	10%	9/28/2011	25%	12%	10/23/2012	25%	10%	9/24/2013
Kentucky	43	146,376	25%	25%	7/15/2005	25%	25%	2/19/2007	25%	10%	1/6/2009	25%	10%	5/17/2010	25%	5%/20%	9/7/2011	25%	5%/15%/25%	9/23/2014	25%	0%	pending
Louisiana	48	105,823	25%	25%	2/9/2007	25%	10%	8/21/2008	25%	15%	5/21/2010	15%	15%	8/23/2013	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed
Maine	0	0	0%			0%			0%			0%			0%			0%			0%		
Maryland	184	804,174	15%	15%	7/27/2005	15%	15%	2/20/2007	15%	15%	8/19/2008	15%	15%	10/27/2009	15%	15%	11/29/2011	15%	15%	1/15/2013	15%	15%	2/28/2014
Massachusetts	452	1,298,952	25%	25%	11/23/2005	25%	10%	5/17/2012	10%	0%	pending	TBD	0%	to be filed	TBD	0%	to be filed	TBD	0%	to be filed	TBD	0%	to be filed
Michigan	88	385,893	25%	25%	3/17/2005	25%	25%	2/28/2007	25%	25%	9/18/2008	25%	25%	11/2/2009	25%	25%	12/14/2010	25%	25%	1/25/2012	25%	25%	7/15/2013
Minnesota	150	367,723	25%	25%	3/15/2005	25%	25%	4/12/2007	25%	25%	2/10/2009	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Mississippi	11	40,931	25%	25%	10/24/2008	25%	25%	3/26/2010	25%	25%	7/25/2011	25%	25%	3/8/2013	25%	25%	5/22/2014	25%	0%	pending	25%	0%	to be filed
Missouri	139	405,013	25%	25%	6/12/2006	25%	25%	10/31/2007	25%	25%	11/14/2008	25%	26.5%	8/22/2012	25%	25%	3/18/2015	25%	0%	to be filed	25%	0%	to be filed
Montana	10	23,679	25%	25%	3/2/2006	25%	25%	9/16/2008	25%	25%	11/12/2009	25%	25%	12/20/2010	25%	15%	1/23/2012	25%	25%	8/20/2013	25%	0%	pending
Nebraska	34	114,665	25%	25%	4/1/2005	25%	25%	1/5/2009	25%	25%	3/30/2010	25%	10%	10/14/2011	25%	25%	3/21/2013	25%	25%	10/17/2014	25%	0%	to be filed
Nevada	19	49,450	25%	25%	10/15/2008	25%	25%	1/27/2010	25%	20%	4/16/2013	25%	26.5%	4/29/2015	25%	0% 25%	to be filed	25%	0%	to be filed	25%	0%	to be filed
New Hampshire New Jersev	39	103,038	25% 25%	25% 20%/10%	7/14/2006 12/12/2006	25% 25%	25% 25%	7/17/2008 10/31/2008	25% 25%	25% 25%	10/1/2009 7/12/2010	25% 25%	25% 25%	8/10/2012 11/21/2012	25% 25%	25%	3/17/2015 3/19/2014	25% 25%	0%	to be filed to be filed	25% 25%	0%	to be filed to be filed
New Jersey New Mexico	454	1,976,525	25%	20%/10%	4/4/2005	25%	25%	3/8/2007	25%	25%	10/2/2009	25%	25%	12/21/2012	25%	25%	2/25/2014	25%	15%	10/23/2015	25%	0%	to be filed
New York	60	109,201	25%	25%	4/4/2005	25%	25%	3/8/2007	25%	25.2%	10/2/2009	25%	10%	12/21/2012	25%	15%	2/25/2014	25%	15%	10/23/2015	25%		to be filed
North Carolina	163	526,985	25%	25%	12/9/2005	25%	25%	9/11/2008	25%	25%	11/17/2009	25%	13.5%	7/23/2013	25%	10%	1/21/2015	25%	0%	pending	25%	0%	to be filed
North Dakota	91	316.203	25%	20%	3/15/2005	2.5%	20%	3/1/2008	25%	20%	10/21/2009	25%	20%	1/5/2013	25%	20%	11/23/2010	2.5%	20%	2/13/2012	25%	15%	7/18/2013
Ohio	282	839,499	25%	25%	1/21/2005	25%	25%	2/15/2007	25%	25%	9/10/2008	25%	10%	4/9/2010	25%	25%	12/2/2015	25%	0%	to be filed	25%	0%	to be filed
Oklahoma	188	470,594	15%	15%	12/27/2004	15%	15%	2/2/2007	15%	15%	2/6/2009	15%	10%	11/8/2010	15%	15%	12/20/2011	25%	25%	3/27/2013	25%	25%	10/28/2014
Oregon	113	273,135	25%	20%	4/30/2007	25%	15%	10/10/2008	25%	5%	5/20/2010	25%	10%	12/9/2011	25%	15%	12/16/2013	25%	25%	12/14/2015	25%	25%	12/14/2015
Pennsylvania	397	1,476,774	25%	25%	6/2/2005	25%	10%	9/19/2007	25%	25%	9/8/2008	25%	17.5%	5/6/2010	25%	17.5%	6/8/2012	25%	15%	10/7/2014	25%	0%	pending
Rhode Island	127	352,028	25%	25%	4/4/2005	25%	25%	4/5/2007	25%	15.4%	8/17/2009	25%	16.7%	9/19/2011	25%	25%	4/28/2015	25%	0%	to be filed	25%	0%	to be filed
South Carolina	47	172,374	25%	25%	5/9/2006	25%	25%	4/25/2007	25%	20%	11/25/2008	25%	20%	7/22/2010	25%	5%	11/3/2011	25%	15%	3/1/2013	25%	9.5%	9/12/2014
South Dakota	35	164,452	25%	25%	6/24/2005	25%	25%	7/11/2008	25%	25%	8/27/2009	25%	11%	10/21/2010	25%	25%	2/10/2012	25%	25%	8/13/2013	25%	25%	9/9/2015
Tennessee	51	170,341	25%	25%	6/16/2006	25%	15%	9/22/2008	25%	18%	11/18/2009	25%	10%	2/17/2011	25%	25%	3/15/2012	25%	25%	7/23/2013	25%	25%	2/20/2015
Texas	452	1,356,311	25%	25%	8/1/2005	25%	18%	4/25/2007	25%	16%	6/29/2009	25%	25%	6/10/2011	25%	18%	7/28/2014	25%	0%	to be filed	25%	0%	to be filed
Utah	24	54,224	25%	25%	8/10/2006	25%	25%	7/6/2009	25%	25%	10/25/2010	25%	25%	3/30/2012	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Vermont	8	16,455	25%	0%	disapproved		0%	not filing		0%	not filing		0%	not filing		0%	not filing		0%	not filing		0%	not filing
Virginia	107	398,370	25%	25%	7/25/2006	25%	25%	10/1/2008	25%	25%	5/29/2011	25%	12.6%	3/14/2013	25%	25%	11/6/2015	25%	0%	to be filed	25%	0%	to be filed
Washington	95	514,901	25%	25%	2/1/2005	25%	25%	2/21/2007	25%	25%	9/2/2008	25%	25%	11/23/2009	25%	25%	5/2/2011	25%	25%	7/6/2012	25%	25%	11/22/2013
West Virginia	12	36,956	25%	15%	6/14/2006	25%	25%	12/10/2008	25%	25%	5/13/2010	25%	25%	9/28/2011	25%	15%	3/25/2013	25%	25%	3/23/2015	25%	0%	to be filed
Wisconsin	1,164	3,077,126	25%	20%	10/21/2005	25%	12%	11/1/2007	25%	16%/10%	8/25/2009	25%	25%/10%	8/4/2011	25%	25%/10%	11/18/2013	25%	0%	pending	25%	0%	to be filed
Wyoming	0	0	0%			0%			0%			0%			0%			0%			0%		

## American General Life Insurance Company Policy Form 64028 Historical Experience

-		1				
			Paid	Claim	Actual	Actual
	Experience	Earned	Claims by	Reserves by	Incurred	Loss
	Period	Premiums	Incurral Yr	Incurral Yr	<u>Claims</u>	Ratio (IC/EP)
	1997	114,262	-	-	-	0.0%
	1998	2,741,075	258,137	-	258,137	9.4%
	1999	8,897,299	1,580,307	-	1,580,307	17.8%
	2000	16,769,737	3,636,875	-	3,636,875	21.7%
	2001	25,249,863	8,000,396	256,087	8,256,483	32.7%
	2002	27,255,517	12,032,368	52,355	12,084,723	44.3%
	2003	25,899,360	11,101,003	468,239	11,569,243	44.7%
de	2004	24,383,594	10,100,567	130,527	10,231,095	42.0%
vi	2005	23,464,347	14,264,217	463,871	14,728,088	62.8%
l la	2006	23,654,567	17,217,726	836,010	18,053,735	76.3%
Nationwide	2007	23,429,392	15,099,513	1,229,251	16,328,764	69.7%
Na	2008	22,849,710	12,165,253	763,510	12,928,763	56.6%
	2009	22,762,416	15,999,460	4,534,304	20,533,764	90.2%
	2010	22,350,672	17,765,756	4,760,482	22,526,239	100.8%
	2011	22,106,283	14,275,565	6,132,674	20,408,239	92.3%
	2012	21,057,719	10,446,455	9,333,024	19,779,479	93.9%
	2013	20,400,670	7,664,074	19,054,131	26,718,205	131.0%
	2014	19,452,068	1,508,745	26,035,395	27,544,141	141.6%
	Subtotal	352,838,551	173,116,419	74,049,862	247,166,281	70.1%
	Accumulated	574,313,197	275,305,308	85,709,492	361,014,800	62.9%

			Paid	Claim	Actual	Actual
	Experience	Earned	Claims by	Reserves by	Incurred	Loss
	Period	Premiums 199	Incurral Yr	Incurral Yr	<u>Claims</u>	Ratio (IC/EP)
	1997	196			-	0.0%
	1998	62,921			-	0.0%
	1999	360,077	516	-	516	0.1%
	2000	855,473	47,229	-	47,229	5.5%
	2001	1,437,716	266,296	-	266,296	18.5%
	2002	1,640,902	294,271	-	294,271	17.9%
ia	2003	1,546,752	550,434	-	550,434	35.6%
an	2004	1,492,682	327,868	-	327,868	22.0%
lv	2005	1,435,861	306,410	-	306,410	21.3%
ISY	2006	1,517,608	1,026,637	-	1,026,637	67.6%
Pennsylvania	2007	1,511,253	23,262	21,255	44,517	2.9%
Pe	2008	1,499,083	1,182,097	36,244	1,218,342	81.3%
	2009	1,489,018	500,663	545,645	1,046,308	70.3%
	2010	1,511,811	1,060,549	423,274	1,483,823	98.1%
	2011	1,474,081	696,903	419,929	1,116,832	75.8%
	2012	1,474,737	528,313	269,791	798,104	54.1%
	2013	1,440,944	366,002	1,397,555	1,763,558	122.4%
	2014	1,311,937	63,177	1,416,915	1,480,093	112.8%
			,			
	Subtotal	22,063,052	7,240,627	4,530,610	11,771,237	53.4%
	Accumulated	35,187,831	11,057,501	5,223,461	16,280,962	46.3%

The interest rate used to accumulate the historical totals varies for each year. It ranges from 5.0% to 6.5%.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Nationwide)

			Г				
	Results	Without Rate Increa	ise		Results	With Rate Increase	2
	Earned Premiums				Earned Premiums		
	at Historical	Incurred	Loss		at Historical	Incurred	Loss
Year	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio		PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	<u>Ratio</u>
1997	114,262	0	0.0%		114,262	0	0.0%
1998	2,741,075	258,137	9.4%		2,741,075	258,137	9.4%
1999	8,897,299	1,580,307	17.8%		8,897,299	1,580,307	17.8%
2000	16,769,737	3,636,875	21.7%		16,769,737	3,636,875	21.7%
2001	25,249,863	8,256,483	32.7%		25,249,863	8,256,483	32.7%
2002	27,255,517	12,084,723	44.3%		27,255,517	12,084,723	44.3%
2003	25,899,360	11,569,243	44.7%		25,899,360	11,569,243	44.7%
2004 2005	24,383,594 24,586,365	10,231,095 14,728,088	42.0% 59.9%		24,383,594 24,586,365	10,231,095 14,728,088	42.0% 59.9%
2005	26,068,649	18,053,735	69.3%		26,068,649	18,053,735	69.3%
2000	24,263,755	16,328,764	67.3%		24,263,755	16,328,764	67.3%
2007	23,012,897	12,928,763	56.2%		23,012,897	12,928,763	56.2%
2008	25,853,357	20,533,764	79.4%		25,853,357	20,533,764	79.4%
2009	23,747,468	22,526,239	94.9%		23,747,468	22,526,239	94.9%
2010	22,796,145	20,408,239	89.5%		22,796,145	20,408,239	89.5%
2011	21,547,633	19,779,479	91.8%		21,547,633	19,779,479	91.8%
2012	20,808,526	26,718,205	128.4%		20,808,526	26,718,205	128.4%
2014	19,853,328	27,544,141	138.7%		19,853,328	27,544,141	138.7%
Accumulated <sup>2</sup>	590,323,411	361,014,800	61.2%		590,323,411	361,014,800	61.2%
2015	10 402 470	25 847 765	120.80/		19 491 656	25 844 160	120.80/
2015	18,483,478 17,604,022	25,847,765 26,505,331	139.8% 150.6%		18,481,656 19,417,719	25,844,160 26,305,031	139.8% 135.5%
2010	15,740,293	27,336,332	173.7%		19,291,238	26,865,136	139.3%
2017 2018	14,031,403	28,094,999	200.2%		17,198,078	27,600,792	160.5%
2018	12,446,206	28,736,114	230.9%		15,263,384	28,231,611	185.0%
2019	10,975,046	29,199,174	266.1%		13,465,273	28,687,409	213.0%
2020	9,613,368	29,450,044	306.3%		11,798,546	28,934,662	245.2%
2022	8,359,305	29,567,519	353.7%		10,261,751	29,050,728	283.1%
2023	7,217,006	29,522,716	409.1%		8,860,898	29,007,205	327.4%
2024	6,189,581	29,253,360	472.6%		7,600,302	28,743,007	378.2%
2025	5,268,468	28,686,734	544.5%		6,469,781	28,186,628	435.7%
2026	4,445,623	27,813,005	625.6%		5,459,665	27,328,533	500.6%
2027	3,715,072	26,695,696	718.6%		4,562,735	26,231,085	574.9%
2028	3,074,663	25,366,640	825.0%		3,776,391	24,925,533	660.0%
2029	2,521,358	23,883,387	947.2%		3,096,949	23,468,464	757.8%
2030	2,048,233	22,240,330	1085.8%		2,515,927	21,854,349	868.6%
2031	1,647,477	20,486,873	1243.5%		2,023,756	20,131,801	994.8%
2032	1,310,371	18,666,548	1424.5%		1,609,737	18,343,575	1139.5%
2033	1,029,846	16,811,738	1632.5%		1,265,193	16,521,427	1305.8%
2034	799,963	14,974,080	1871.8%		982,834	14,716,131	1497.3%
2035	615,090	13,187,392	2144.0%		755,746	12,960,850	1715.0%
2036	468,976	11,499,402	2452.0%		576,253	11,302,401	1961.4%
2037	354,507	9,942,247	2804.5%		435,627	9,772,418	2243.3%
2038	265,629	8,533,347	3212.5%		326,429	8,388,002	2569.6%
2039	197,155	7,267,681	3686.3%		242,294	7,144,207	2948.6%
2040	144,869	6,134,651	4234.6%		178,045	6,030,670	3387.2%
2041	105,085	5,135,946	4887.4%		129,156	5,049,074	3909.3%
2042	75,162	4,258,797	5666.1%		92,384	4,186,913	4532.1%
2043	52,976 36,692	3,495,266	6597.8% 7743.0%		65,117	3,436,370	5277.2%
2044	36,692	2,841,337	7743.9%		45,103	2,793,554	6193.8% 7212.0%
2045 2046	25,010 16,755	2,287,066 1,818,317	9144.7% 10852.2%		30,745 20,601	2,248,687 1,787,862	7313.9% 8678.6%
2048	11,020	1,430,995			13,551	1,787,802	10383.5%
2047	7,104	1,115,881	12985.9% 15708.3%		8,737	1,097,307	10585.5%
2048 2049	4,457	859,116	19277.1%		5,483	844,863	15409.2%
2049	2,684	653,832	24362.8%		3,303	643,026	19470.0%
2050	1,549	491,930	31757.4%		1,907	483,831	25375.3%
2051	855	364,821	42679.0%		1,052	358,841	23373.3% 34101.0%
2052	426	267,419	62745.6%		525	263,053	50138.9%
2055	197	193,724	98122.0%		243	190,575	78415.7%
Present Value <sup>2</sup>	112,510,224	344,162,318	305.9%		131,906,033	338,850,594	256.9%
Lifetime <sup>2</sup>	702,833,635	705,177,119	100.3%		722,229,444	699,865,394	96.9%
Liteuille	102,055,055	105,177,119	100.370		122,227,444	077,003,374	20.270

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions

as shown in Section 5 of the actuarial memorandum. Earned premiums have been restated to historical Pennsylvania rate levels.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Pennsylvania Only)

	Results W	/ithout Rate Incre	ase	Results	with Rate Increas	se
		т.,	Ŧ		т.,	Ŧ
V	E-m-d D-minut	Incurred Claims <sup>1</sup>	Loss	Earned Premiums <sup>1</sup>	Incurred Claims <sup>1</sup>	Loss
<u>Year</u> 1997	Earned Premiums <sup>1</sup> 196	<u>0</u>	<u>Ratio</u> 0.0%	<u>Earned Premiums</u> 196	0	<u>Ratio</u> 0.0%
1997	62,921	0	0.0%	62,921	0	0.0%
1998	360,077	516	0.1%	360,077	516	0.1%
2000	855,473	47,229	5.5%	855,473	47,229	5.5%
2000	1,437,716	266,296	18.5%	1,437,716	266,296	18.5%
2001	1,640,902	294,271	17.9%	1,640,902	294,271	17.9%
2002	1,546,752	550,434	35.6%	1,546,752	550,434	35.6%
2004	1,492,682	327,868	22.0%	1,492,682	327,868	22.0%
2005	1,435,861	306,410	21.3%	1,435,861	306,410	21.3%
2006	1,517,608	1,026,637	67.6%	1,517,608	1,026,637	67.6%
2007	1,511,253	44,517	2.9%	1,511,253	44,517	2.9%
2008	1,499,083	1,218,342	81.3%	1,499,083	1,218,342	81.3%
2009	1,489,018	1,046,308	70.3%	1,489,018	1,046,308	70.3%
2010	1,511,811	1,483,823	98.1%	1,511,811	1,483,823	98.1%
2011	1,474,081	1,116,832	75.8%	1,474,081	1,116,832	75.8%
2012	1,474,737	798,104	54.1%	1,474,737	798,104	54.1%
2013	1,440,944	1,763,558	122.4%	1,440,944	1,763,558	122.4%
2014	1,311,937	1,480,093	112.8%	1,311,937	1,480,093	112.8%
Accumulated <sup>2</sup>	35,187,831	16,280,962	46.3%	35,187,831	16,280,962	46.3%
2015	1,234,676	1,428,382	115.7%	1,234,543	1,428,239	115.7%
2016	1,203,655	1,499,160	124.6%	1,313,136	1,487,774	113.3%
2017	1,090,743	1,586,562	145.5%	1,335,376	1,556,783	116.6%
2018	983,016	1,673,931	170.3%	1,203,418	1,641,788	136.4%
2019	880,766	1,751,690	198.9% 231.7%	1,078,793	1,718,094	159.3%
2020 2021	784,120 692,610	1,816,752 1,870,006	270.0%	960,823 848,967	1,781,954 1,834,249	185.5% 216.1%
2021	606,594	1,912,639	315.3%	743,715	1,834,249	252.3%
2022	527,094	1,942,740	368.6%	646,365	1,905,737	294.8%
2023	455,026	1,957,589	430.2%	558,061	1,903,737	294.8% 344.1%
2024	389,524	1,947,384	499.9%	477,780	1,920,392	399.9%
2025	329,769	1,908,866	578.8%	404,517	1,872,776	463.0%
2020	275,929	1,851,112	670.9%	338,492	1,816,197	536.6%
2028	228,469	1,778,171	778.3%	280,287	1,744,709	622.5%
2020	187,312	1,692,770	903.7%	229,809	1,661,003	722.8%
2030	151,957	1,592,276	1047.8%	186,445	1,562,482	838.0%
2031	121,881	1,479,997	1214.3%	149,554	1,452,392	971.2%
2032	96,553	1,356,817	1405.3%	118,483	1,331,596	1123.9%
2033	75,332	1,224,050	1624.9%	92,450	1,201,384	1299.5%
2034	57,995	1,091,621	1882.3%	71,179	1,071,489	1505.3%
2035	44,286	962,209	2172.7%	54,358	944,553	1737.7%
2036	33,547	839,673	2502.9%	41,182	824,364	2001.8%
2037	25,100	727,148	2896.9%	30,816	713,986	2316.9%
2038	18,455	624,737	3385.2%	22,660	613,516	2707.5%
2039	13,309	530,563	3986.4%	16,343	521,098	3188.5%
2040	9,352	445,232	4761.0%	11,483	437,337	3808.5%
2041	6,484	369,501	5698.4%	7,963	362,986	4558.7%
2042	4,375	303,187	6929.5%	5,373	297,874	5543.9%
2043	2,863	246,024	8593.3%	3,516	241,736	6875.4%
2044	1,831	197,880	10806.2%	2,249	194,451	8646.1%
2045	1,169	157,645	13485.6%	1,436	154,933	10788.9%
2046	717	123,874	17264.9%	882	121,756	13809.5%
2047	416	95,998	23085.8%	511	94,368	18458.7%
2048	223	73,596	33036.3%	274	72,356	26397.8%
2049	119	55,266	46498.3%	146	54,341	37131.9%
2050	59	40,845	69551.1%	72	40,167	55545.7%
2051	19	29,839	155627.1%	24	29,348	124396.5%
2052	1	21,556	2537293.3%	1	21,206	2041991.0%
2053 2054	0 0	15,420	NA NA	0 0	15,173	NA
Present Value <sup>2</sup>		10,875	NA 280.4%		10,704 21,791,764	NA 235.2%
Lifetime <sup>2</sup>	7,907,310	22,168,192	280.4%	9,267,032		235.2%
T : C 1 4	43,095,141	38,449,154	89.2%	44,454,863	38,072,726	85.6%

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Nationwide)

	Dogulta Without Data Inggaga		]				
	Results	Without Rate Increa	ise		Results	With Rate Increase	2
	Earned Premiums	_	_		Earned Premiums	_	_
*7	at Current	Incurred	Loss		at Current	Incurred	Loss
<u>Year</u> 1997	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio		PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio
1997	311,823 7,480,453	0 258,137	0.0% 3.5%		311,823 7,480,453	0 258,137	0.0% 3.5%
1998	24,280,922	1,580,307	6.5%		24,280,922	1,580,307	6.5%
2000	45,764,975	3,636,875	7.9%		45,764,975	3,636,875	7.9%
2001	68,907,423	8,256,483	12.0%		68,907,423	8,256,483	12.0%
2002	74,380,896	12,084,723	16.2%		74,380,896	12,084,723	16.2%
2003	70,679,913	11,569,243	16.4%		70,679,913	11,569,243	16.4%
2004	66,543,357	10,231,095	15.4%		66,543,357	10,231,095	15.4%
2005	63,111,267	14,728,088	23.3%		63,111,267	14,728,088	23.3%
2006	56,617,025	18,053,735	31.9%		56,617,025	18,053,735	31.9%
2007 2008	52,574,068 47,218,002	16,328,764	31.1% 27.4%		52,574,068	16,328,764	31.1% 27.4%
2008	41,715,246	12,928,763 20,533,764	49.2%		47,218,002 41,715,246	12,928,763 20,533,764	49.2%
2009	37,195,909	22,526,239	60.6%		37,195,909	22,526,239	60.6%
2011	33,048,575	20,408,239	61.8%		33,048,575	20,408,239	61.8%
2012	28,643,427	19,779,479	69.1%		28,643,427	19,779,479	69.1%
2013	25,465,801	26,718,205	104.9%		25,465,801	26,718,205	104.9%
2014	22,831,327	27,544,141	120.6%		22,831,327	27,544,141	120.6%
Accumulated <sup>2</sup>	1,320,520,005	361,014,800	27.3%		1,320,520,005	361,014,800	27.3%
2015	21,977,418	26,045,086	118.5%		21,975,312	26,041,432	118.5%
2016	20,553,725	26,971,697	131.2%		22,675,767	26,767,866	118.0%
2017	18,459,313	27,827,236	150.7%		22,621,786	27,346,706	120.9%
2018	16,446,383	28,598,417	173.9%		20,157,756	28,094,400	139.4%
2019	14,582,115	29,250,084	200.6%		17,882,361	28,735,586	160.7%
2020	12,854,440	29,720,601	231.2%		15,770,703	29,198,717	185.1%
2021 2022	11,257,161 9,787,250	29,975,208 30,094,165	266.3% 307.5%		13,815,604 12,014,336	29,449,652 29,567,187	213.2% 246.1%
2022	8,448,899	30,048,101	355.6%		10,373,097	29,522,439	284.6%
2023	7,245,507	29,773,524	410.9%		8,896,636	29,253,131	328.8%
2025	6,166,886	29,196,482	473.4%		7,572,833	28,686,548	378.8%
2026	5,203,472	28,306,839	544.0%		6,390,189	27,812,855	435.2%
2027	4,348,194	27,169,301	624.8%		5,340,157	26,695,577	499.9%
2028	3,598,505	25,816,297	717.4%		4,419,657	25,366,546	573.9%
2029	2,950,820	24,306,358	823.7%		3,624,342	23,883,313	659.0%
2030	2,397,019	22,633,801	944.2%		2,944,267	22,240,272	755.4%
2031	1,927,943	20,848,835	1081.4%		2,368,208	20,486,828	865.1%
2032 2033	1,533,377 1,205,048	18,995,786 17,107,675	1238.8% 1419.7%		1,883,634 1,480,388	18,666,514 16,811,712	991.0% 1135.6%
2033	936,004	15,237,021	1627.9%		1,149,938	14,974,061	1302.2%
2034	719,649	13,418,311	1864.6%		884,187	13,187,378	1491.5%
2036	548,664	11,700,200	2132.5%		674,150	11,499,391	1705.8%
2037	414,721	10,115,344	2439.1%		509,602	9,942,239	1951.0%
2038	310,728	8,681,483	2793.9%		381,840	8,533,342	2234.8%
2039	230,619	7,393,520	3205.9%		283,410	7,267,677	2564.4%
2040	169,450	6,240,620	3682.9%		208,249	6,134,648	2945.8%
2041	122,909	5,224,475	4250.7%		151,059	5,135,943	3400.0%
2042	87,907	4,332,051	4928.0%		108,045	4,258,796	3941.7%
2043 2044	61,956 42,909	3,555,282 2,890,027	5738.4% 6735.2%		76,153 52,744	3,495,264 2,841,336	4589.8% 5387.0%
2044 2045	42,909 29,246	2,890,027	6735.2% 7953.9%		35,951	2,841,336 2,287,065	5387.0% 6361.5%
2045	19,590	1,849,348	9440.2%		24,086	1,818,316	7549.4%
2040	12,882	1,455,342	11297.8%		15,841	1,430,994	9033.7%
2048	8,303	1,134,804	13668.1%		10,212	1,115,881	10927.5%
2049	5,208	873,636	16776.3%		6,406	859,116	13410.1%
2050	3,135	664,840	21207.1%		3,858	653,832	16948.0%
2051	1,809	500,178	27648.5%		2,227	491,929	22092.1%
2052	998	370,911	37158.2%		1,229	364,821	29689.7%
2053	498	271,865	54624.1%		613	267,419	43649.1%
2054	231	196,931	85412.3%		284	193,724	68258.8%
Present Value <sup>2</sup>	132,051,865	350,018,205	265.1%		154,766,252	344,602,441	222.7%
Lifetime <sup>2</sup>	1,452,571,870	711,033,005	48.9%		1,475,286,257	705,617,242	47.8%

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum. **Earned premium adjusted to current Pennsylvania rate level.** 

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Pennsylvania Only)

	Results V	Without Rate Incre	ase	Results	With Rate Increas	se
	Earned Premiums			Earned Premiums		
	at Current	Incurred	Loss	at Current	Incurred	Loss
Year	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio
1997	535	0	0.0%	535	0	0.0%
1998	171,720	0	0.0%	171,720	0	0.0%
1999	982,706	516	0.1%	982,706	516	0.1%
2000	2,334,715	47,229	2.0%	2,334,715	47,229	2.0%
2001	3,923,746	266,296	6.8%	3,923,746	266,296	6.8%
2002	4,478,270	294,271	6.6%	4,478,270	294,271	6.6%
2003 2004	4,221,322	550,434	13.0% 8.0%	4,221,322	550,434	13.0%
2004 2005	4,073,756 3,815,659	327,868 306,410	8.0%	4,073,756 3,815,659	327,868 306,410	8.0% 8.0%
2005	3,421,546	1,026,637	30.0%	3,421,546	1,026,637	30.0%
2000	3,299,551	44,517	1.3%	3,299,551	44,517	1.3%
2008	3,086,552	1,218,342	39.5%	3,086,552	1,218,342	39.5%
2009	2,404,441	1,046,308	43.5%	2,404,441	1,046,308	43.5%
2010	2,367,416	1,483,823	62.7%	2,367,416	1,483,823	62.7%
2011	2,129,458	1,116,832	52.4%	2,129,458	1,116,832	52.4%
2012	1,965,319	798,104	40.6%	1,965,319	798,104	40.6%
2013	1,771,480	1,763,558	99.6%	1,771,480	1,763,558	99.6%
2014	1,508,728	1,480,093	98.1%	1,508,728	1,480,093	98.1%
Accumulated <sup>2</sup>	77,974,523	16,280,962	20.9%	77,974,523	16,280,962	20.9%
2015	1,483,063	1,439,425	97.1%	1,482,910	1,439,279	97.1%
2016	1,407,059	1,527,882	108.6%	1,535,300	1,516,280	98.8%
2017	1,280,563	1,617,659	126.3%	1,567,621	1,587,258	101.3%
2018	1,153,606	1,706,715	147.9%	1,412,249	1,673,898	118.5%
2019	1,033,200	1,785,960	172.9%	1,265,478	1,751,660	138.4%
2020	919,553	1,852,252	201.4%	1,126,756	1,816,725	161.2%
2021	812,070	1,906,487	234.8%	995,371	1,869,982	187.9%
2022 2023	711,102	1,949,880	274.2%	871,825	1,912,618	219.4%
2023	617,824 533,296	1,980,497 1,995,545	320.6% 374.2%	757,604 654,038	1,942,721 1,957,573	256.4% 299.3%
2024	456,489	1,995,045	434.9%	559,902	1,937,373	347.8%
2026	386,437	1,945,695	503.5%	474,017	1,908,856	402.7%
2027	323,329	1,886,741	583.5%	396,630	1,851,103	466.7%
2028	267,703	1,812,317	677.0%	328,412	1,778,164	541.4%
2029	219,468	1,725,186	786.1%	269,253	1,692,764	628.7%
2030	178,032	1,622,678	911.5%	218,432	1,592,271	729.0%
2031	142,786	1,508,165	1056.2%	175,201	1,479,994	844.7%
2032	113,107	1,382,552	1222.3%	138,793	1,356,814	977.6%
2033	88,240	1,247,176	1413.4%	108,288	1,224,048	1130.4%
2034 2035	67,927 51,866	1,112,161 980,222	1637.3% 1889.9%	83,367 63,660	1,091,619 962,208	1309.4% 1511.5%
2035	39,285	855,290	2177.1%	48,224	839,672	1741.2%
2037	29,390	740,573	2519.8%	36,082	727,147	2015.3%
2038	21,607	636,182	2944.4%	26,529	624,737	2354.9%
2039	15,581	540,215	3467.1%	19,132	530,563	2773.2%
2040	10,948	453,282	4140.3%	13,443	445,232	3312.0%
2041	7,591	376,144	4955.2%	9,321	369,501	3964.1%
2042	5,122	308,604	6025.4%	6,289	303,187	4820.5%
2043	3,351	250,396	7471.6%	4,116	246,024	5977.9%
2044	2,143	201,375	9395.5%	2,632	197,880	7517.4%
2045 2046	1,368 839	160,408 126,033	11726.1% 15015.6%	1,680 1,031	157,645 123,874	9381.3% 12010.4%
2046	839 486	97,659	20085.4%	598	123,874 95,998	12010.4% 16059.7%
2047	260	74,860	28761.2%	320	73,596	22981.8%
2048	139	56,209	40505.8%	171	55,266	32346.6%
2050	69	41,537	60582.8%	84	40,845	48383.4%
2051	22	30,339	135441.0%	28	29,839	108262.3%
2052	1	21,913	2193009.0%	1	21,556	1765080.5%
2053	0	15,671	NA	0	15,420	NA
2054	0	11,049	NA	0	10,875	NA
Present Value <sup>2</sup>	9,303,711	22,579,441	242.7%	10,897,998	22,195,227	203.7%
Lifetime <sup>2</sup>	87,278,234	38,860,404	44.5%	88,872,521	38,476,189	

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum. **Earned premium adjusted to current Pennsylvania rate level.** 

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

#### 1. PURPOSE OF FILING

This is a rate increase filing for American General Life Insurance Company's existing Long Term Care Policy Form Series 64028. The purpose of this filing is to demonstrate that the anticipated loss ratio for this form meets the minimum requirements of this state. This rate filing is not intended to be used for any other purposes.

#### 2. SCOPE OF FILING

This filing applies to the Company's Long Term Care policy and rider forms summarized below:

Series LTC-1 Policy Form 64028-PA Non-Tax Qualified Policy Form C12277-PA Tax Qualified Rider Form 64031 (Inflation Benefit) Rider Form 64032-PA (Nonforfeiture Benefit)

Additionally, the policy and rider forms listed below are Franchise policies which are not regulated by the Pennsylvania Insurance Department and so approval of a rate increase for these is not being requested. The same rate increase approved for the above policies and forms will be applied, as past rate increases have been applied.

Policy Form L50004-PA Non-Tax Qualified Policy Form L50005-PA Tax Qualified Rider Form L50009 (Inflation Benefit) Rider Form L50010-PA (Nonforfeiture Benefit

The rate increase will apply to all insureds issued coverage under the above referenced forms in this state. The number of policyholders and average premiums before and after the rate increase are shown in Exhibit A.

The rate increase will apply to in-force business only as the company stopped selling Policy Form Series 64028 in 2001. There were no policies sold on or after September 15, 2002.

#### 3. REASON FOR RATE INCREASE REQUEST

This rate filing is a request for a 25% increase. While a rate increase larger than 25% can be justified at this time, the company is currently not seeking a higher increase. Instead the company will continue to monitor emerging experience and review whether an additional rate increase is necessary.

The product was originally priced for a 61% lifetime loss ratio. Exhibit B provides the originally filed loss ratios for this policy by duration. This filing demonstrates that if future experience is

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

consistent with our best estimates, and nationwide earned premiums are restated to the historical Pennsylvania rate level, the actual lifetime loss ratio will be 100.3%. The requested rate increase is needed to mitigate future losses.

The proposed effective date after approval and fulfillment of all statutory and contractual requirements will not be sooner than August 1, 2016, which is more than one year from the implementation date of the previous rate increase.

#### 4. RATE INCREASE HISTORY

There have been six previous rate increases on the policies included in this filing:

Approval Date	Percentage Increase
6/2/2005	25%
9/19/2007	10%
9/8/2008	25%
5/6/2010	17.5%
6/8/2012	17.5%
10/7/2014	15%

Exhibit C provides the history of rate changes for the nation.

### 5. PROJECTION ASSUMPTIONS

**Interest** – The effective annual rate of interest assumed for accumulating historical experience and for discounting projected future experience ranges from 4.9% to 6.5% by claim incurral year. A 5% interest rate was used in the initial filing.

**Mortality** – Mortality is based on the 1994 Group Annuitant Mortality (GAM) with underwriting selection factors and projected mortality improvement based on the AA projection scale for the first 20 policy years. All policies inforce are at duration thirteen or greater.

Policy	<b>Mortality Selection Factor</b>						
Duration	Male	Female					
11	0.58	0.39					
12	0.60	0.40					
13	0.62	0.42					
14	0.64	0.43					
15+	0.66	0.44					

The original pricing assumed mortality equal to 90% of the 1979-81 U.S. Population Mortality Table.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

**Voluntary Lapse Rates -** Actual voluntary lapse rates have been considerably lower than pricing assumptions. The following table displays original pricing lapse rates.

Original Pr	<b>Original Pricing Lapse Rates</b>						
Duration	Lapse Rate						
1	24%						
2	20%						
3	10%						
4	10%						
5	8%						
6	7%						
7	6%						
8-10	5%						
11+	4%						

Voluntary lapse assumptions are based on actual lapse experience between January 1, 2004 and March 31, 2013. Actual lapse rates were studied separately for lapses unrelated to rate increases and for shock lapses due to rate increases.

The following table displays the actual experience lapse rates unrelated to rate increases for durations 7 and greater. All policies inforce are at duration thirteen or greater.

Exposure	Policy	1	Actual Experience Lapse Rates Unrelated to Rate Increases								
Period	Duration	<50	50-59	60-64	65-69	70-74	75-79	80+	Total		
2004+	7+	3.3%	1.5%	1.2%	1.4%	1.7%	1.9%	1.7%	1.5%		

Best estimate lapse assumptions for lapses unrelated to rate increases are displayed in the table below:

Best Estimate Lapse Rates Unrelated to Rate Increases					
Duration	All Ages				
12+ 1.5%					

Actual experience lapse rates for lapses due to rate increases ranging from approximately 15% to 25% are displayed in the table below:

Shock Lapse Experience by Rate Increase Rate Increases Ranging from 15% to 25% For Duration 7 or Greater									
ExposureRate IncreaseExposureYearsTerminationsShock Lapse									
Rate Increase 1	2,889	107	3.6%						
Rate Increase 2	5,275	236	4.4%						
Rate Increase 3	4,505	291	6.3%						
Rate Increase 4	2,789	132	4.6%						
Rate Increase 5	1,127	59	5.1%						
Rate Increase 6	414	20	4.7%						
Rate Increases 3-6	8,835	502	5.5%						

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

The shock lapse rates noted above are distributed based on policyholder premium payment mode. Therefore, the shock lapse rates displayed above do not translate into the percentage of policyholders that lapse their policy.

The average annual shock lapse rate of 5.5% for Rate Increases 3-6 results in a shock lapse rate of approximately 1.7% of policies. Best estimate lapse assumptions used in the projections include a shock lapse rate of 1.7% of policies for the requested rate increase. As a result of the shock lapse, it is likely that this business will experience adverse selection. However, adverse selection has not been factored into morbidity assumptions.

In addition, we increase policy termination rates to reflect claimants that either exhaust benefits or die while on claim.

**Morbidity** - Morbidity assumptions vary by gender, attained age and plan design and are based on American General Life Insurance Company's actual experience, long term care insured experience of LTCG administrative clients, numerous studies of non-insurance data, LTC insurance industry data and judgment. We adjusted the starting claim costs to reflect:

- ≻ Inflation on claim
- > Reduced exposure for insureds already on claim
- > Morbidity improvement of 1% per year for the first 20 policy years

### 6. MINIMUM REQUIRED LIFETIME LOSS RATIO

The minimum required lifetime loss ratio for these forms is 60%.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

### 7. PROJECTED FUTURE EXPERIENCE

Future experience, which has been projected for forty years using the best estimate assumptions described in Section 5, is shown in Exhibit E. The following table summarizes the nationwide anticipated future loss ratio without the requested rate increase:

Best Estin	Future Experien nate Assumptions t Rate Increase	
Earned Premium at Historical Pennsylvania	Incurred	
Rate Level	Claims	Loss Ratio
\$112,510,224	\$344,162,318	305.9%

### 8. HISTORICAL EXPERIENCE

Nationwide and Pennsylvania only experience from 4/1/1997 through 12/31/2014 is shown in Exhibit E. This data includes claim payments through 12/31/2014. The following table summarizes the nationwide and Pennsylvania only historical loss ratio accumulated with interest to 12/31/2014:

	Nationwide Historical Actual Experience								
	Earned Premium at Historical								
Area	Pennsylvania Rate Level	<b>Incurred Claims</b>	Loss Ratio						
Nationwide	\$590,323,411	\$361,014,800	61.2%						
Pennsylvania	\$35,187,831	\$16,280,962	46.3%						

### 9. LIFETIME ANTICIPATED LOSS RATIO

The lifetime anticipated loss ratio is defined as the present value of the historical and projected future incurred claims divided by the present value of the historical and projected future earned premiums. Exhibit E also provides a projection of these values with a 25% rate increase implemented in calendar year 2015. Nationwide and Pennsylvania only results are summarized below:

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

	Nationwide								
	Anticipated Lifetime Loss Ratio								
	<b>Rate Increase =</b> 2	25%							
	Earned Premium at								
	Historical/Projected								
	Pennsylvania	Incurred							
Time Period	Rate Level	Claims	Loss Ratio						
Future	\$131,906,033	\$338,850,594	256.9%						
Lifetime	\$722,229,444	\$699,865,394	96.9%						

	Pennsylvania								
	Anticipated Lifetime Loss Ratio								
	Rate Increase = 2	25%							
Earned Premium at									
	Historical/Projected								
	Pennsylvania	Incurred							
Time Period	Rate Level	Claims	Loss Ratio						
Future	\$9,267,032	\$21,791,764	235.2%						
Lifetime	\$44,454,863	\$38,072,726	85.6%						

The above demonstrates that both the anticipated future loss ratio and the lifetime anticipated loss ratio are in compliance with the minimum loss ratio requirements after implementation of the 25% rate increase.

With previous rate increase requests, the state has requested nationwide and Pennsylvania projections in which earned premiums were restated to current Pennsylvania rate levels. These projections are displayed on page 3 and page 4 of Exhibit E.

#### 10. ADDITIONAL POLICYHOLDER OPTIONS TO MITIGATE IMPACT OF PREMIUM RATE INCREASE

The company will offer the following option to policyholders to mitigate the impact of the premium increase:

#### Benefit Reduction Offer

The company will offer policyholders the option to reduce benefits upon notification of the premium increase. Several options will allow the policyholder to adjust or manage their premium level by modifying policy benefits. Examples of available benefit modifications include, but are not limited to, decreasing the Daily Benefit Amount (DBA), increasing the elimination period (or waiting period), and decreasing the benefit period.

## Actuarial Justification of Premium Rate Increase For Individual Long Term Care Policy Form Series 64028

#### **11. ACTUARIAL CERTIFICATION**

I hereby certify to the best of my knowledge and judgment, the entire rate filing submitted herein is in compliance with all applicable laws of this state, the rules of the Department of Insurance, and Actuarial Standard of Practice Number 8 as adopted by the Actuarial Standards Board. In my opinion, the rates are not excessive or unfairly discriminatory. This filing will enhance premium adequacy, but it is likely that future rate action will be necessary. Therefore, benefits cannot be certified reasonable in relation to premium.

Respectfully submitted,

Carolyn Bitner

Carolyn Bittner, FSA, MAAA Consulting Actuary LTCG Acting as a consultant to American General Life Insurance Company

Attachments:

Exhibit A – Nationwide and Pennsylvania Annualized Premiums

Exhibit B – Originally Filed Loss Ratios

Exhibit C – Rate Increase History

Exhibit D - Historical Experience - Nationwide and Pennsylvania

Exhibit E – Lifetime Experience Without and With Rate Increase

Current Rate Sheets

Proposed Rate Sheets (with 25% Increase)

Exhibits A-E (Excel)

## Nationwide and Pennsylvania Annualized Premiums

		Average Annualized Premiums <sup>1</sup>				
		Annualized Premium Per	With Increase Implemented in	With Requested 25% Rate		
	Lives Inforce	Inforce	2015	Increase		
Nationwide	7,004	\$3,308	\$3,804	\$4,756		
Pennsylvania	397	\$3,720	\$4,278	\$5,347		

## Policies Inforce as of 12/31/2014

<sup>1</sup> Based on premium paying policyholders

### American General Life Insurance Company Policy Form Series 64028 Long Term Care Plan - 30 Year Projection Original Filed Loss Ratios By Duration

				Present Values @ 5%					
Policy									
Year	Premiums	Claims	Loss Ratio	Premiums	Claims	Loss Ratio			
1	1,646.00	357.87	21.7%	1,646.00	349.25	21.2%			
2	1,174.80	352.43	30.0%	1,118.86	327.56	29.3%			
3	881.09	348.16	39.5%	799.17	308.18	38.6%			
4	710.18	337.80	47.6%	613.48	284.77	46.4%			
5	597.83	325.02	54.4%	491.84	260.95	53.1%			
6	512.55	315.77	61.6%	401.60	241.45	60.1%			
7	442.14	319.93	72.4%	329.93	232.98	70.6%			
8	383.65	323.33	84.3%	272.65	224.25	82.2%			
9	334.78	326.36	97.5%	226.59	215.57	95.1%			
10	290.39	316.20	108.9%	187.19	198.91	106.3%			
11	250.59	302.63	120.8%	153.84	181.31	117.9%			
12	217.55	296.93	136.5%	127.20	169.42	133.2%			
13	187.75	287.79	153.3%	104.55	156.39	149.6%			
14	161.02	275.73	171.2%	85.39	142.70	167.1%			
15	137.20	261.28	190.4%	69.30	128.78	185.8%			
16	116.34	245.33	210.9%	55.96	115.16	205.8%			
17	98.10	232.24	236.7%	44.94	103.83	231.0%			
18	82.21	217.65	264.7%	35.87	92.67	258.4%			
19	68.41	201.91	295.1%	28.43	81.88	288.0%			
20	56.50	185.40	328.1%	22.36	71.60	320.2%			
21	46.38	168.79	363.9%	17.48	62.08	355.2%			
22	37.81	151.94	401.9%	13.57	53.22	392.2%			
23	30.57	135.31	442.6%	10.45	45.14	432.0%			
24	24.48	119.13	486.6%	7.97	37.85	474.9%			
25	19.40	103.60	534.0%	6.02	31.35	521.2%			
26	15.25	89.21	585.0%	4.50	25.71	570.9%			
27	11.87	75.26	634.0%	3.34	20.66	618.8%			
28	9.15	62.71	685.4%	2.45	16.39	668.8%			
29	6.99	51.56	737.6%	1.78	12.84	719.8%			
30	5.27	41.79	793.0%	1.28	9.91	773.9%			
Total	8,556.25	6,829.06	79.81%	6,883.98	4,202.77	61.05%			

#### American General Life Insurance Company LTC Rate History and Filing Status Policy 64028 and Associated Riders

				Rate Increase #	1	1	Rate Increase #	#2		Rate Increase	#3		Rate Increase	#4	1	Rate Increase	e #5	1	Rate Increase #	#6		Rate Increase	¥7
1	Inforce Lives				Approved			Approved			Approved			Approved	1		Approved			Approved			Approved
1	as of	Annzd Premium	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current	Rate Incrs	Rt Incrs	Date/Current
State	12/20/2014	as of 12/20/2014	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status	Requested	Approved	Status
Alabama	0	0	0%			0%			0%			0%			0%			0%			0%		
Alaska	0	0	0%			0%			0%			0%			0%			0%			0%		
Arizona	66	236,674	25%	15%	9/9/2005	25%	15%	7/31/2007	25%	15%	12/29/2008	25%	25%	5/17/2010	25%	25%	1/23/2012	25%	0%	to be filed	25%	0%	to be filed
Arkansas	7	27,756	25%	25%	11/6/2006	25%	25%	10/1/2008	25%	12.5%	3/3/2010	25%	10%	4/19/2013	25%	15%	6/24/2015	25%	0%	to be filed	25%	0%	to be filed
California	839	2,585,373	25%	25%	1/14/2005	25%	25%	6/26/2007	25%	25%	5/11/2010	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Colorado	50	128,073	25%	25%	7/19/2006	25%	25%	10/7/2008	25%	25%	1/12/2010	25%	25%	7/15/2015	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Connecticut	84	397,157	25%	25%	5/25/2006	25%	15%	8/5/2008	25%	10%	11/6/2009	25%	20%	11/19/2010	25%	15%	7/12/2012	25%	20%	6/18/2013	19%	19%	9/3/2015
DC	4	8,934	25%	21%	10/8/2008	25%	10%	3/3/2011	25%	10%	5/30/2012	25%	10%	11/8/2013	10%	10%	2/18/2015	10%	0%	to be filed	10%	0%	to be filed
Delaware Florida	40	82,488 431,472	25% 23%	23%	4/5/2006 10/30/2006	25% 64%	10%	10/20/2008 10/24/2014	25% 47%	15% 0%	5/10/2010 to be filed	25% TBD	15% 0%	8/10/2011 to be filed	25% TBD	25% 0%	10/22/2013 to be filed	25% TBD	25%	5/20/2015 to be filed	25% TBD	0%	to be filed to be filed
Georgia	21	59.030	25%	12%	9/26/2005	25%	10%	3/6/2007	25%	10%	11/11/2008	25%	10%	3/30/2010	25%	15%	7/18/2011	25%	12%	7/20/2012	25%	10%	8/13/2013
Hawaii	21	33,046	25%	20%	9/20/2003	25%	20%	3/6/2007	25%	10%	6/6/2011	25%	25%	8/12/2010	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed
Idaho	30	90.051	25%	20%	6/8/2006	25%	20%	12/24/2008	25%	25%	4/29/2010	25%	23%	1/6/2012	25%	10%	10/30/2014	2.5%	0%	to be filed	2.5%	0%	to be filed
Illinois	281	1.340.276	25%	25%	2/4/2005	25%	25%	6/20/2007	25%	25%	8/4/2008	25%	25%	12/4/2009	25%	25%	3/29/2011	25%	25%	3/27/2012	25%	25%	1/8/2015
Indiana	38	96,771	25%	25%	9/24/2005	25%	25%	2/20/2007	25%	25%	11/6/2008	25%	10%	6/24/2010	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Iowa	67	163,553	25%	20%	6/2/2006	25%	15%	11/24/2008	25%	20%	5/7/2010	25%	19%	7/6/2011	25%	18%	11/5/2012	25%	16.5%	12/27/2013	25%	18%	10/14/2015
Kansas	182	530,677	25%	15%	8/11/2005	25%	15%	6/1/2007	25%	25%	11/10/2008	25%	10%	7/26/2010	25%	10%	9/28/2011	25%	12%	10/23/2012	25%	10%	9/24/2013
Kentucky	43	146,376	25%	25%	7/15/2005	25%	25%	2/19/2007	25%	10%	1/6/2009	25%	10%	5/17/2010	25%	5%/20%	9/7/2011	25%	5%/15%/25%	9/23/2014	25%	0%	pending
Louisiana	48	105,823	25%	25%	2/9/2007	25%	10%	8/21/2008	25%	15%	5/21/2010	15%	15%	8/23/2013	25%	0%	pending	25%	0%	to be filed	25%	0%	to be filed
Maine	0	0	0%			0%			0%			0%			0%			0%			0%		
Maryland	184	804,174	15%	15%	7/27/2005	15%	15%	2/20/2007	15%	15%	8/19/2008	15%	15%	10/27/2009	15%	15%	11/29/2011	15%	15%	1/15/2013	15%	15%	2/28/2014
Massachusetts	452	1,298,952	25%	25%	11/23/2005	25%	10%	5/17/2012	10%	0%	pending	TBD	0%	to be filed	TBD	0%	to be filed	TBD	0%	to be filed	TBD	0%	to be filed
Michigan	88	385,893	25%	25%	3/17/2005	25%	25%	2/28/2007	25%	25%	9/18/2008	25%	25%	11/2/2009	25%	25%	12/14/2010	25%	25%	1/25/2012	25%	25%	7/15/2013
Minnesota	150	367,723	25%	25%	3/15/2005	25%	25%	4/12/2007	25%	25%	2/10/2009	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Mississippi	11	40,931	25%	25%	10/24/2008	25%	25%	3/26/2010	25%	25%	7/25/2011	25%	25%	3/8/2013	25%	25%	5/22/2014	25%	0%	pending	25%	0%	to be filed
Missouri	139	405,013	25%	25%	6/12/2006	25%	25%	10/31/2007	25%	25%	11/14/2008	25%	26.5%	8/22/2012	25%	25%	3/18/2015	25%	0%	to be filed	25%	0%	to be filed
Montana	10	23,679	25%	25%	3/2/2006	25%	25%	9/16/2008	25%	25%	11/12/2009	25%	25%	12/20/2010	25%	15%	1/23/2012	25%	25%	8/20/2013	25%	0%	pending
Nebraska	34	114,665	25%	25%	4/1/2005	25%	25%	1/5/2009	25%	25%	3/30/2010	25%	10%	10/14/2011	25%	25%	3/21/2013	25%	25%	10/17/2014	25%	0%	to be filed
Nevada	19	49,450	25%	25%	10/15/2008	25%	25%	1/27/2010	25%	20%	4/16/2013	25%	26.5%	4/29/2015	25%	0% 25%	to be filed	25%	0%	to be filed	25%	0%	to be filed
New Hampshire New Jersev	39	103,038	25% 25%	25% 20%/10%	7/14/2006 12/12/2006	25% 25%	25% 25%	7/17/2008 10/31/2008	25% 25%	25% 25%	10/1/2009 7/12/2010	25% 25%	25% 25%	8/10/2012 11/21/2012	25% 25%	25%	3/17/2015 3/19/2014	25% 25%	0%	to be filed to be filed	25% 25%	0%	to be filed to be filed
New Jersey New Mexico	454	1,976,525	25%	20%/10%	4/4/2005	25%	25%	3/8/2007	25%	25%	10/2/2009	25%	25%	12/21/2012	25%	25%	2/25/2014	25%	15%	10/23/2015	25%	0%	to be filed
New York	60	109,201	25%	25%	4/4/2005	25%	25%	3/8/2007	25%	25.2%	10/2/2009	25%	10%	12/21/2012	25%	15%	2/25/2014	25%	15%	10/23/2015	25%		to be filed
North Carolina	163	526,985	25%	25%	12/9/2005	25%	25%	9/11/2008	25%	25%	11/17/2009	25%	13.5%	7/23/2013	25%	10%	1/21/2015	25%	0%	pending	25%	0%	to be filed
North Dakota	91	316.203	25%	20%	3/15/2005	2.5%	20%	3/1/2008	25%	20%	10/21/2009	25%	20%	1/5/2013	25%	20%	11/23/2010	2.5%	20%	2/13/2012	25%	15%	7/18/2013
Ohio	282	839,499	25%	25%	1/21/2005	25%	25%	2/15/2007	25%	25%	9/10/2008	25%	10%	4/9/2010	25%	25%	12/2/2015	25%	0%	to be filed	25%	0%	to be filed
Oklahoma	188	470,594	15%	15%	12/27/2004	15%	15%	2/2/2007	15%	15%	2/6/2009	15%	10%	11/8/2010	15%	15%	12/20/2011	25%	25%	3/27/2013	25%	25%	10/28/2014
Oregon	113	273,135	25%	20%	4/30/2007	25%	15%	10/10/2008	25%	5%	5/20/2010	25%	10%	12/9/2011	25%	15%	12/16/2013	25%	25%	12/14/2015	25%	25%	12/14/2015
Pennsylvania	397	1,476,774	25%	25%	6/2/2005	25%	10%	9/19/2007	25%	25%	9/8/2008	25%	17.5%	5/6/2010	25%	17.5%	6/8/2012	25%	15%	10/7/2014	25%	0%	pending
Rhode Island	127	352,028	25%	25%	4/4/2005	25%	25%	4/5/2007	25%	15.4%	8/17/2009	25%	16.7%	9/19/2011	25%	25%	4/28/2015	25%	0%	to be filed	25%	0%	to be filed
South Carolina	47	172,374	25%	25%	5/9/2006	25%	25%	4/25/2007	25%	20%	11/25/2008	25%	20%	7/22/2010	25%	5%	11/3/2011	25%	15%	3/1/2013	25%	9.5%	9/12/2014
South Dakota	35	164,452	25%	25%	6/24/2005	25%	25%	7/11/2008	25%	25%	8/27/2009	25%	11%	10/21/2010	25%	25%	2/10/2012	25%	25%	8/13/2013	25%	25%	9/9/2015
Tennessee	51	170,341	25%	25%	6/16/2006	25%	15%	9/22/2008	25%	18%	11/18/2009	25%	10%	2/17/2011	25%	25%	3/15/2012	25%	25%	7/23/2013	25%	25%	2/20/2015
Texas	452	1,356,311	25%	25%	8/1/2005	25%	18%	4/25/2007	25%	16%	6/29/2009	25%	25%	6/10/2011	25%	18%	7/28/2014	25%	0%	to be filed	25%	0%	to be filed
Utah	24	54,224	25%	25%	8/10/2006	25%	25%	7/6/2009	25%	25%	10/25/2010	25%	25%	3/30/2012	25%	0%	to be filed	25%	0%	to be filed	25%	0%	to be filed
Vermont	8	16,455	25%	0%	disapproved		0%	not filing		0%	not filing		0%	not filing		0%	not filing		0%	not filing		0%	not filing
Virginia	107	398,370	25%	25%	7/25/2006	25%	25%	10/1/2008	25%	25%	5/29/2011	25%	12.6%	3/14/2013	25%	25%	11/6/2015	25%	0%	to be filed	25%	0%	to be filed
Washington	95	514,901	25%	25%	2/1/2005	25%	25%	2/21/2007	25%	25%	9/2/2008	25%	25%	11/23/2009	25%	25%	5/2/2011	25%	25%	7/6/2012	25%	25%	11/22/2013
West Virginia	12	36,956	25%	15%	6/14/2006	25%	25%	12/10/2008	25%	25%	5/13/2010	25%	25%	9/28/2011	25%	15%	3/25/2013	25%	25%	3/23/2015	25%	0%	to be filed
Wisconsin	1,164	3,077,126	25%	20%	10/21/2005	25%	12%	11/1/2007	25%	16%/10%	8/25/2009	25%	25%/10%	8/4/2011	25%	25%/10%	11/18/2013	25%	0%	pending	25%	0%	to be filed
Wyoming	0	0	0%			0%			0%			0%			0%			0%			0%		

## American General Life Insurance Company Policy Form 64028 Historical Experience

-		1				
			Paid	Claim	Actual	Actual
	Experience	Earned	Claims by	Reserves by	Incurred	Loss
	Period	Premiums	Incurral Yr	Incurral Yr	<u>Claims</u>	Ratio (IC/EP)
	1997	114,262	-	-	-	0.0%
	1998	2,741,075	258,137	-	258,137	9.4%
	1999	8,897,299	1,580,307	-	1,580,307	17.8%
	2000	16,769,737	3,636,875	-	3,636,875	21.7%
	2001	25,249,863	8,000,396	256,087	8,256,483	32.7%
	2002	27,255,517	12,032,368	52,355	12,084,723	44.3%
	2003	25,899,360	11,101,003	468,239	11,569,243	44.7%
de	2004	24,383,594	10,100,567	130,527	10,231,095	42.0%
vi	2005	23,464,347	14,264,217	463,871	14,728,088	62.8%
l la	2006	23,654,567	17,217,726	836,010	18,053,735	76.3%
Nationwide	2007	23,429,392	15,099,513	1,229,251	16,328,764	69.7%
Na	2008	22,849,710	12,165,253	763,510	12,928,763	56.6%
	2009	22,762,416	15,999,460	4,534,304	20,533,764	90.2%
	2010	22,350,672	17,765,756	4,760,482	22,526,239	100.8%
	2011	22,106,283	14,275,565	6,132,674	20,408,239	92.3%
	2012	21,057,719	10,446,455	9,333,024	19,779,479	93.9%
	2013	20,400,670	7,664,074	19,054,131	26,718,205	131.0%
	2014	19,452,068	1,508,745	26,035,395	27,544,141	141.6%
	Subtotal	352,838,551	173,116,419	74,049,862	247,166,281	70.1%
	Accumulated	574,313,197	275,305,308	85,709,492	361,014,800	62.9%

			Paid	Claim	Actual	Actual
	Experience	Earned	Claims by	Reserves by	Incurred	Loss
	Period	Premiums 199	Incurral Yr	Incurral Yr	<u>Claims</u>	Ratio (IC/EP)
	1997	196			-	0.0%
	1998	62,921			-	0.0%
	1999	360,077	516	-	516	0.1%
	2000	855,473	47,229	-	47,229	5.5%
	2001	1,437,716	266,296	-	266,296	18.5%
	2002	1,640,902	294,271	-	294,271	17.9%
ia	2003	1,546,752	550,434	-	550,434	35.6%
an	2004	1,492,682	327,868	-	327,868	22.0%
lv	2005	1,435,861	306,410	-	306,410	21.3%
ISY	2006	1,517,608	1,026,637	-	1,026,637	67.6%
Pennsylvania	2007	1,511,253	23,262	21,255	44,517	2.9%
Pe	2008	1,499,083	1,182,097	36,244	1,218,342	81.3%
	2009	1,489,018	500,663	545,645	1,046,308	70.3%
	2010	1,511,811	1,060,549	423,274	1,483,823	98.1%
	2011	1,474,081	696,903	419,929	1,116,832	75.8%
	2012	1,474,737	528,313	269,791	798,104	54.1%
	2013	1,440,944	366,002	1,397,555	1,763,558	122.4%
	2014	1,311,937	63,177	1,416,915	1,480,093	112.8%
			,			
	Subtotal	22,063,052	7,240,627	4,530,610	11,771,237	53.4%
	Accumulated	35,187,831	11,057,501	5,223,461	16,280,962	46.3%

The interest rate used to accumulate the historical totals varies for each year. It ranges from 5.0% to 6.5%.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Nationwide)

				Г			
	Results	Without Rate Increa	ise		Results	With Rate Increase	2
	Earned Premiums				Earned Premiums		
	at Historical	Incurred	Loss		at Historical	Incurred	Loss
Year	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio		PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	<u>Ratio</u>
1997	114,262	0	0.0%		114,262	0	0.0%
1998	2,741,075	258,137	9.4%		2,741,075	258,137	9.4%
1999	8,897,299	1,580,307	17.8%		8,897,299	1,580,307	17.8%
2000	16,769,737	3,636,875	21.7%		16,769,737	3,636,875	21.7%
2001	25,249,863	8,256,483	32.7%		25,249,863	8,256,483	32.7%
2002	27,255,517	12,084,723	44.3%		27,255,517	12,084,723	44.3%
2003	25,899,360	11,569,243	44.7%		25,899,360	11,569,243	44.7%
2004 2005	24,383,594 24,586,365	10,231,095 14,728,088	42.0% 59.9%		24,383,594 24,586,365	10,231,095 14,728,088	42.0% 59.9%
2005	26,068,649	18,053,735	69.3%		26,068,649	18,053,735	69.3%
2000	24,263,755	16,328,764	67.3%		24,263,755	16,328,764	67.3%
2007	23,012,897	12,928,763	56.2%		23,012,897	12,928,763	56.2%
2008	25,853,357	20,533,764	79.4%		25,853,357	20,533,764	79.4%
2009	23,747,468	22,526,239	94.9%		23,747,468	22,526,239	94.9%
2010	22,796,145	20,408,239	89.5%		22,796,145	20,408,239	89.5%
2011	21,547,633	19,779,479	91.8%		21,547,633	19,779,479	91.8%
2012	20,808,526	26,718,205	128.4%		20,808,526	26,718,205	128.4%
2014	19,853,328	27,544,141	138.7%		19,853,328	27,544,141	138.7%
Accumulated <sup>2</sup>	590,323,411	361,014,800	61.2%		590,323,411	361,014,800	61.2%
2015	10 402 470	25 847 765	120.80/		19 491 656	25 844 160	120.80/
2015	18,483,478 17,604,022	25,847,765 26,505,331	139.8% 150.6%		18,481,656 19,417,719	25,844,160 26,305,031	139.8% 135.5%
2010	15,740,293	27,336,332	173.7%		19,291,238	26,865,136	139.3%
2017 2018	14,031,403	28,094,999	200.2%		17,198,078	27,600,792	160.5%
2018	12,446,206	28,736,114	230.9%		15,263,384	28,231,611	185.0%
2019	10,975,046	29,199,174	266.1%		13,465,273	28,687,409	213.0%
2020	9,613,368	29,450,044	306.3%		11,798,546	28,934,662	245.2%
2022	8,359,305	29,567,519	353.7%		10,261,751	29,050,728	283.1%
2023	7,217,006	29,522,716	409.1%		8,860,898	29,007,205	327.4%
2024	6,189,581	29,253,360	472.6%		7,600,302	28,743,007	378.2%
2025	5,268,468	28,686,734	544.5%		6,469,781	28,186,628	435.7%
2026	4,445,623	27,813,005	625.6%		5,459,665	27,328,533	500.6%
2027	3,715,072	26,695,696	718.6%		4,562,735	26,231,085	574.9%
2028	3,074,663	25,366,640	825.0%		3,776,391	24,925,533	660.0%
2029	2,521,358	23,883,387	947.2%		3,096,949	23,468,464	757.8%
2030	2,048,233	22,240,330	1085.8%		2,515,927	21,854,349	868.6%
2031	1,647,477	20,486,873	1243.5%		2,023,756	20,131,801	994.8%
2032	1,310,371	18,666,548	1424.5%		1,609,737	18,343,575	1139.5%
2033	1,029,846	16,811,738	1632.5%		1,265,193	16,521,427	1305.8%
2034	799,963	14,974,080	1871.8%		982,834	14,716,131	1497.3%
2035	615,090	13,187,392	2144.0%		755,746	12,960,850	1715.0%
2036	468,976	11,499,402	2452.0%		576,253	11,302,401	1961.4%
2037	354,507	9,942,247	2804.5%		435,627	9,772,418	2243.3%
2038	265,629	8,533,347	3212.5%		326,429	8,388,002	2569.6%
2039	197,155	7,267,681	3686.3%		242,294	7,144,207	2948.6%
2040	144,869	6,134,651	4234.6%		178,045	6,030,670	3387.2%
2041	105,085	5,135,946	4887.4%		129,156	5,049,074	3909.3%
2042	75,162	4,258,797	5666.1%		92,384	4,186,913	4532.1%
2043	52,976 36,692	3,495,266	6597.8% 7743.0%		65,117	3,436,370	5277.2%
2044	36,692	2,841,337	7743.9%		45,103	2,793,554	6193.8% 7212.0%
2045 2046	25,010 16,755	2,287,066 1,818,317	9144.7% 10852.2%		30,745 20,601	2,248,687 1,787,862	7313.9% 8678.6%
2048	11,020	1,430,995			13,551	1,787,802	10383.5%
2047	7,104	1,115,881	12985.9% 15708.3%		8,737	1,097,307	10585.5%
2048 2049	4,457	859,116	19277.1%		5,483	844,863	15409.2%
2049	2,684	653,832	24362.8%		3,303	643,026	19470.0%
2050	1,549	491,930	31757.4%		1,907	483,831	25375.3%
2051	855	364,821	42679.0%		1,052	358,841	23373.3% 34101.0%
2052	426	267,419	62745.6%		525	263,053	50138.9%
2055	197	193,724	98122.0%		243	190,575	78415.7%
Present Value <sup>2</sup>	112,510,224	344,162,318	305.9%		131,906,033	338,850,594	256.9%
Lifetime <sup>2</sup>	702,833,635	705,177,119	100.3%		722,229,444	699,865,394	96.9%
Liteuille	102,035,035	105,177,119	100.370		122,227,444	077,003,374	20.270

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions

as shown in Section 5 of the actuarial memorandum. Earned premiums have been restated to historical Pennsylvania rate levels.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Pennsylvania Only)

	Results W	/ithout Rate Incre	ase	Results	with Rate Increas	se
		т.,	Ŧ		т.,	Ŧ
V	E-mail Drawing 1	Incurred Claims <sup>1</sup>	Loss	Earned Premiums <sup>1</sup>	Incurred Claims <sup>1</sup>	Loss
<u>Year</u> 1997	Earned Premiums <sup>1</sup> 196	<u>0</u>	<u>Ratio</u> 0.0%	<u>Earned Premiums</u> 196	0	<u>Ratio</u> 0.0%
1997	62,921	0	0.0%	62,921	0	0.0%
1998	360,077	516	0.1%	360,077	516	0.1%
2000	855,473	47,229	5.5%	855,473	47,229	5.5%
2000	1,437,716	266,296	18.5%	1,437,716	266,296	18.5%
2001	1,640,902	294,271	17.9%	1,640,902	294,271	17.9%
2002	1,546,752	550,434	35.6%	1,546,752	550,434	35.6%
2004	1,492,682	327,868	22.0%	1,492,682	327,868	22.0%
2005	1,435,861	306,410	21.3%	1,435,861	306,410	21.3%
2006	1,517,608	1,026,637	67.6%	1,517,608	1,026,637	67.6%
2007	1,511,253	44,517	2.9%	1,511,253	44,517	2.9%
2008	1,499,083	1,218,342	81.3%	1,499,083	1,218,342	81.3%
2009	1,489,018	1,046,308	70.3%	1,489,018	1,046,308	70.3%
2010	1,511,811	1,483,823	98.1%	1,511,811	1,483,823	98.1%
2011	1,474,081	1,116,832	75.8%	1,474,081	1,116,832	75.8%
2012	1,474,737	798,104	54.1%	1,474,737	798,104	54.1%
2013	1,440,944	1,763,558	122.4%	1,440,944	1,763,558	122.4%
2014	1,311,937	1,480,093	112.8%	1,311,937	1,480,093	112.8%
Accumulated <sup>2</sup>	35,187,831	16,280,962	46.3%	35,187,831	16,280,962	46.3%
2015	1,234,676	1,428,382	115.7%	1,234,543	1,428,239	115.7%
2016	1,203,655	1,499,160	124.6%	1,313,136	1,487,774	113.3%
2017	1,090,743	1,586,562	145.5%	1,335,376	1,556,783	116.6%
2018	983,016	1,673,931	170.3%	1,203,418	1,641,788	136.4%
2019	880,766	1,751,690	198.9% 231.7%	1,078,793	1,718,094	159.3%
2020 2021	784,120 692,610	1,816,752 1,870,006	270.0%	960,823 848,967	1,781,954 1,834,249	185.5% 216.1%
2021	606,594	1,912,639	315.3%	743,715	1,834,249	252.3%
2022	527,094	1,942,740	368.6%	646,365	1,905,737	294.8%
2023	455,026	1,957,589	430.2%	558,061	1,903,737	294.8% 344.1%
2024	389,524	1,947,384	499.9%	477,780	1,920,392	399.9%
2025	329,769	1,908,866	578.8%	404,517	1,872,776	463.0%
2020	275,929	1,851,112	670.9%	338,492	1,816,197	536.6%
2028	228,469	1,778,171	778.3%	280,287	1,744,709	622.5%
2020	187,312	1,692,770	903.7%	229,809	1,661,003	722.8%
2030	151,957	1,592,276	1047.8%	186,445	1,562,482	838.0%
2031	121,881	1,479,997	1214.3%	149,554	1,452,392	971.2%
2032	96,553	1,356,817	1405.3%	118,483	1,331,596	1123.9%
2033	75,332	1,224,050	1624.9%	92,450	1,201,384	1299.5%
2034	57,995	1,091,621	1882.3%	71,179	1,071,489	1505.3%
2035	44,286	962,209	2172.7%	54,358	944,553	1737.7%
2036	33,547	839,673	2502.9%	41,182	824,364	2001.8%
2037	25,100	727,148	2896.9%	30,816	713,986	2316.9%
2038	18,455	624,737	3385.2%	22,660	613,516	2707.5%
2039	13,309	530,563	3986.4%	16,343	521,098	3188.5%
2040	9,352	445,232	4761.0%	11,483	437,337	3808.5%
2041	6,484	369,501	5698.4%	7,963	362,986	4558.7%
2042	4,375	303,187	6929.5%	5,373	297,874	5543.9%
2043	2,863	246,024	8593.3%	3,516	241,736	6875.4%
2044	1,831	197,880	10806.2%	2,249	194,451	8646.1%
2045	1,169	157,645	13485.6%	1,436	154,933	10788.9%
2046	717	123,874	17264.9%	882	121,756	13809.5%
2047	416	95,998	23085.8%	511	94,368	18458.7%
2048	223	73,596	33036.3%	274	72,356	26397.8%
2049	119	55,266	46498.3%	146	54,341	37131.9%
2050	59	40,845	69551.1%	72	40,167	55545.7%
2051	19	29,839	155627.1%	24	29,348	124396.5%
2052	1	21,556	2537293.3%	1	21,206	2041991.0%
2053 2054	0 0	15,420	NA NA	0 0	15,173	NA
Present Value <sup>2</sup>		10,875	NA 280.4%		10,704 21,791,764	NA 235.2%
Lifetime <sup>2</sup>	7,907,310	22,168,192	280.4%	9,267,032		235.2%
T : C 1 4	43,095,141	38,449,154	89.2%	44,454,863	38,072,726	85.6%

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum.

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Nationwide)

			] [				
	Results Without Rate Increase			Results With Rate Increase			
	Earned Premiums				Earned Premiums		
	at Current	Incurred	Loss		at Current	Incurred	Loss
Year	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio		PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	<u>Ratio</u>
1997	311,823	0	0.0%		311,823	0	0.0%
1998	7,480,453	258,137	3.5%		7,480,453	258,137	3.5%
1999	24,280,922	1,580,307	6.5%		24,280,922	1,580,307	6.5%
2000	45,764,975	3,636,875	7.9%		45,764,975	3,636,875	7.9%
2001	68,907,423	8,256,483	12.0%		68,907,423	8,256,483	12.0%
2002	74,380,896	12,084,723	16.2%		74,380,896	12,084,723	16.2%
2003 2004	70,679,913 66,543,357	11,569,243	16.4%		70,679,913	11,569,243	16.4%
2004 2005	63,111,267	10,231,095 14,728,088	15.4% 23.3%		66,543,357 63,111,267	10,231,095 14,728,088	15.4% 23.3%
2005	56,617,025	18,053,735	31.9%		56,617,025	18,053,735	31.9%
2008	52,574,068	16,328,764	31.9%		52,574,068	16,328,764	31.9%
2007	47,218,002	12,928,763	27.4%		47,218,002	12,928,763	27.4%
2008	41,715,246	20,533,764	49.2%		41,715,246	20,533,764	49.2%
2009	37,195,909	22,526,239	60.6%		37,195,909	22,526,239	60.6%
2010	33,048,575	20,408,239	61.8%		33,048,575	20,408,239	61.8%
2011	28,643,427	19,779,479	69.1%		28,643,427	19,779,479	69.1%
2012	25,465,801	26,718,205	104.9%		25,465,801	26,718,205	104.9%
2014	22,831,327	27,544,141	120.6%		22,831,327	27,544,141	120.6%
Accumulated <sup>2</sup>	1,320,520,005	361,014,800	27.3%		1,320,520,005	361,014,800	27.3%
2015	21,977,418	26,045,086	118.5%		21,975,312	26,041,432	118.5%
2015	20,553,725	26,971,697	131.2%		22,675,767	26,767,866	118.0%
2010	18,459,313	27,827,236	150.7%		22,621,786	27,346,706	120.9%
2017	16,446,383	28,598,417	173.9%		20,157,756	28,094,400	139.4%
2010	14,582,115	29,250,084	200.6%		17,882,361	28,735,586	160.7%
2020	12,854,440	29,720,601	231.2%		15,770,703	29,198,717	185.1%
2021	11,257,161	29,975,208	266.3%		13,815,604	29,449,652	213.2%
2022	9,787,250	30,094,165	307.5%		12,014,336	29,567,187	246.1%
2023	8,448,899	30,048,101	355.6%		10,373,097	29,522,439	284.6%
2024	7,245,507	29,773,524	410.9%		8,896,636	29,253,131	328.8%
2025	6,166,886	29,196,482	473.4%		7,572,833	28,686,548	378.8%
2026	5,203,472	28,306,839	544.0%		6,390,189	27,812,855	435.2%
2027	4,348,194	27,169,301	624.8%		5,340,157	26,695,577	499.9%
2028	3,598,505	25,816,297	717.4%		4,419,657	25,366,546	573.9%
2029	2,950,820	24,306,358	823.7%		3,624,342	23,883,313	659.0%
2030	2,397,019	22,633,801	944.2%		2,944,267	22,240,272	755.4%
2031	1,927,943	20,848,835	1081.4%		2,368,208	20,486,828	865.1%
2032	1,533,377	18,995,786	1238.8%		1,883,634	18,666,514	991.0%
2033	1,205,048	17,107,675	1419.7%		1,480,388	16,811,712	1135.6%
2034	936,004	15,237,021	1627.9%		1,149,938	14,974,061	1302.2%
2035	719,649	13,418,311	1864.6%		884,187	13,187,378	1491.5%
2036	548,664	11,700,200	2132.5%		674,150	11,499,391	1705.8%
2037	414,721	10,115,344	2439.1%		509,602	9,942,239	1951.0%
2038	310,728	8,681,483	2793.9%		381,840	8,533,342	2234.8%
2039	230,619	7,393,520	3205.9%		283,410	7,267,677	2564.4%
2040	169,450	6,240,620	3682.9%		208,249	6,134,648	2945.8%
2041	122,909	5,224,475	4250.7%		151,059	5,135,943	3400.0%
2042	87,907	4,332,051	4928.0%		108,045	4,258,796	3941.7%
2043	61,956	3,555,282	5738.4%		76,153	3,495,264	4589.8%
2044	42,909	2,890,027	6735.2%		52,744	2,841,336	5387.0%
2045 2046	29,246 19,590	2,326,171 1,849,348	7953.9% 9440.2%		35,951 24,086	2,287,065 1,818,316	6361.5% 7549.4%
2047 2048	12,882 8,303	1,455,342 1,134,804	11297.8% 13668.1%		15,841 10,212	1,430,994 1,115,881	9033.7% 10927.5%
2048 2049	8,303 5,208	873,636	15008.1%		6,406	859,116	10927.5% 13410.1%
2049 2050	3,135	873,636 664,840	21207.1%		3,858	653,832	15410.1% 16948.0%
2050	1,809	500,178	27648.5%		2,227	491,929	22092.1%
2051	998	370,911	37158.2%		1,229	364,821	29689.7%
2052	498	271,865	54624.1%		613	267,419	43649.1%
2053	231	196,931	85412.3%		284	193,724	68258.8%
Present Value <sup>2</sup>	132,051,865	350,018,205	265.1%		154,766,252	344,602,441	222.7%
Lifetime <sup>2</sup>							
Lifetime	1,452,571,870	711,033,005	48.9%		1,475,286,257	705,617,242	47.8%

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum. **Earned premium adjusted to current Pennsylvania rate level.** 

#### American General Life Insurance Company Policy Form 64028 Lifetime Experience (Pennsylvania Only)

	Results Without Rate Increase		Results	With Rate Increas	se	
	Earned Premiums		Earned Premiums			
	at Current	Incurred	Loss	at Current	Incurred	Loss
Year	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio	PA Rate Level <sup>1</sup>	Claims <sup>1</sup>	Ratio
1997	535	0	0.0%	535	0	0.0%
1998	171,720	0	0.0%	171,720	0	0.0%
1999	982,706	516	0.1%	982,706	516	0.1%
2000	2,334,715	47,229	2.0%	2,334,715	47,229	2.0%
2001	3,923,746	266,296	6.8%	3,923,746	266,296	6.8%
2002	4,478,270	294,271	6.6%	4,478,270	294,271	6.6%
2003 2004	4,221,322	550,434	13.0% 8.0%	4,221,322	550,434	13.0%
2004 2005	4,073,756 3,815,659	327,868 306,410	8.0%	4,073,756 3,815,659	327,868 306,410	8.0% 8.0%
2005	3,421,546	1,026,637	30.0%	3,421,546	1,026,637	30.0%
2000	3,299,551	44,517	1.3%	3,299,551	44,517	1.3%
2008	3,086,552	1,218,342	39.5%	3,086,552	1,218,342	39.5%
2009	2,404,441	1,046,308	43.5%	2,404,441	1,046,308	43.5%
2010	2,367,416	1,483,823	62.7%	2,367,416	1,483,823	62.7%
2011	2,129,458	1,116,832	52.4%	2,129,458	1,116,832	52.4%
2012	1,965,319	798,104	40.6%	1,965,319	798,104	40.6%
2013	1,771,480	1,763,558	99.6%	1,771,480	1,763,558	99.6%
2014	1,508,728	1,480,093	98.1%	1,508,728	1,480,093	98.1%
Accumulated <sup>2</sup>	77,974,523	16,280,962	20.9%	77,974,523	16,280,962	20.9%
2015	1,483,063	1,439,425	97.1%	1,482,910	1,439,279	97.1%
2016	1,407,059	1,527,882	108.6%	1,535,300	1,516,280	98.8%
2017	1,280,563	1,617,659	126.3%	1,567,621	1,587,258	101.3%
2018	1,153,606	1,706,715	147.9%	1,412,249	1,673,898	118.5%
2019	1,033,200	1,785,960	172.9%	1,265,478	1,751,660	138.4%
2020	919,553	1,852,252	201.4%	1,126,756	1,816,725	161.2%
2021	812,070	1,906,487	234.8%	995,371	1,869,982	187.9%
2022 2023	711,102	1,949,880	274.2%	871,825	1,912,618	219.4%
2023	617,824 533,296	1,980,497 1,995,545	320.6% 374.2%	757,604 654,038	1,942,721 1,957,573	256.4% 299.3%
2024	456,489	1,995,045	434.9%	559,902	1,937,373	347.8%
2026	386,437	1,945,695	503.5%	474,017	1,908,856	402.7%
2027	323,329	1,886,741	583.5%	396,630	1,851,103	466.7%
2028	267,703	1,812,317	677.0%	328,412	1,778,164	541.4%
2029	219,468	1,725,186	786.1%	269,253	1,692,764	628.7%
2030	178,032	1,622,678	911.5%	218,432	1,592,271	729.0%
2031	142,786	1,508,165	1056.2%	175,201	1,479,994	844.7%
2032	113,107	1,382,552	1222.3%	138,793	1,356,814	977.6%
2033	88,240	1,247,176	1413.4%	108,288	1,224,048	1130.4%
2034 2035	67,927 51,866	1,112,161 980,222	1637.3% 1889.9%	83,367 63,660	1,091,619 962,208	1309.4% 1511.5%
2035	39,285	855,290	2177.1%	48,224	839,672	1741.2%
2037	29,390	740,573	2519.8%	36,082	727,147	2015.3%
2038	21,607	636,182	2944.4%	26,529	624,737	2354.9%
2039	15,581	540,215	3467.1%	19,132	530,563	2773.2%
2040	10,948	453,282	4140.3%	13,443	445,232	3312.0%
2041	7,591	376,144	4955.2%	9,321	369,501	3964.1%
2042	5,122	308,604	6025.4%	6,289	303,187	4820.5%
2043	3,351	250,396	7471.6%	4,116	246,024	5977.9%
2044	2,143	201,375	9395.5%	2,632	197,880	7517.4%
2045 2046	1,368 839	160,408 126,033	11726.1% 15015.6%	1,680 1,031	157,645 123,874	9381.3% 12010.4%
2046	839 486	97,659	20085.4%	598	123,874 95,998	12010.4% 16059.7%
2047	260	74,860	28761.2%	320	73,596	22981.8%
2049	139	56,209	40505.8%	171	55,266	32346.6%
2050	69	41,537	60582.8%	84	40,845	48383.4%
2051	22	30,339	135441.0%	28	29,839	108262.3%
2052	1	21,913	2193009.0%	1	21,556	1765080.5%
2053	0	15,671	NA	0	15,420	NA
2054	0	11,049	NA	0	10,875	NA
Present Value <sup>2</sup> Lifetime <sup>2</sup>	9,303,711 87,278,234	22,579,441 38,860,404	242.7% 44.5%	10,897,998 88,872,521	22,195,227 38,476,189	203.7% 43.3%

<sup>1</sup> Projected future earned premiums and incurred claims are based on best estimate persistency and morbidity assumptions as shown in Section 5 of the actuarial memorandum. **Earned premium adjusted to current Pennsylvania rate level.** 

January 4, 2016

Dear Insurance Commissioner:

This letter authorizes the Long Term Care Group, Inc. (LTCG) to make various policy form filings, including premium rate filings on behalf of American General Life Insurance Company.

This authorization will remain in full force and effect until the earlier of (a) your receipt of a written notification from American General Life Insurance Company expressly terminating this authorization; or (b) 31<sup>st</sup> of December 2016.

Please feel free to contact me directly should you have any questions concerning this authorization, c/o American General Life Companies, 2929 Allen Parkway, Mail Stop A9-90, Houston, TX, 77019. My e-mail address, telephone and fax numbers are below.

Sincerely,

Chace

Leo W. Grace Vice President **Product Compliance** Phone: (800) 247-8837, ext 3508 Fax: 713-342-7550 e-mail: leo.grace@aglife.com

> American General Life Insurance Company Member of American International Group, Inc. 2727-A Allen Parkway • Houston, TX 77019-2155 P.O. Box 1931 • Houston, TX 77251-1931

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 0% Home Health Care Benefit Underwriting Table I, 0 Day Elim All Areas

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	69	84	93	100	145
50-59	87	109	127	153	227
60-64	133	161	181	192	284
65-69	196	232	262	283	325
70	291	334	380	423	500
71	324	370	420	470	557
72	355	401	460	516	618
73	411	465	536	601	713
74	461	524	610	684	808
75	516	588	684	771	906
76	569	651	761	851	1,002
77	624	711	835	936	1,097
78	689	787	923	1,034	1,213
79	754	859	1,010	1,135	1,331
80	819	935	1,097	1,235	1,443
81	887	1,010	1,185	1,333	1,558
82	951	1,086	1,272	1,431	1,673
83	1,041	1,190	1,397	1,570	1,825
84	1,134	1,296	1,521	1,708	1,977
85	1,225	1,404	1,645	1,852	2,130
86	1,318	1,508	1,770	1,990	2,278
87	1,412	1,616	1,898	2,132	2,430
88	1,570	1,796	2,110	2,370	2,704
89	1,731	1,978	2,323	2,611	2,975

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 50% Home Health Care Benefit Underwriting Table I, 0 Day Elim Area 1

#### Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	87	108	121	132	167
50-59	116	139	160	176	238
60-64	171	210	237	254	325
65-69	247	301	339	366	445
70	346	417	473	520	628
71	378	457	520	569	689
72	411	499	564	619	748
73	466	565	644	707	851
74	523	634	723	795	952
75	577	700	804	881	1,055
76	634	771	881	968	1,158
77	689	842	963	1,056	1,259
78	767	928	1,068	1,175	1,382
79	850	1,017	1,172	1,290	1,507
80	928	1,104	1,275	1,412	1,634
81	1,006	1,190	1,379	1,530	1,754
82	1,088	1,279	1,482	1,645	1,878
83	1,191	1,404	1,627	1,811	2,049
84	1,300	1,530	1,776	1,970	2,221
85	1,405	1,657	1,921	2,132	2,387
86	1,513	1,777	2,064	2,293	2,556
87	1,617	1,902	2,207	2,453	2,728
88	1,802	2,117	2,458	2,730	3,034
89	1,984	2,332	2,705	3,005	3,341

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 100% Home Health Care Benefit Underwriting Table I, 0 Day Elim Area 1

#### Policy Form Series 64028 Level Benefits

	24	36	48	60	Lifetime
Issue Age					
18-49	95	121	137	148	176
50-59	129	155	175	192	246
60-64	190	237	263	286	347
65-69	279	342	383	415	515
70	378	477	526	573	700
71	411	509	577	628	764
72	443	553	626	680	827
73	500	626	711	771	935
74	557	698	792	859	1,041
75	613	772	874	951	1,149
76	673	848	959	1,041	1,252
77	728	919	1,044	1,133	1,359
78	819	1,018	1,158	1,262	1,490
79	910	1,113	1,275	1,396	1,622
80	1,001	1,213	1,389	1,526	1,753
81	1,089	1,308	1,507	1,659	1,884
82	1,180	1,405	1,622	1,791	2,015
83	1,295	1,542	1,779	1,967	2,198
84	1,410	1,681	1,939	2,141	2,378
85	1,524	1,817	2,098	2,316	2,561
86	1,640	1,958	2,256	2,492	2,743
87	1,754	2,094	2,415	2,669	2,923
88	1,952	2,329	2,688	2,967	3,253
89	2,152	2,562	2,959	3,267	3,581

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 0% Home Health Care Benefit Underwriting Table I, 0 Day Elim All Areas

#### Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	85	101	116	124	181
50-59	109	137	155	190	283
60-64	167	199	224	238	352
65-69	238	284	324	346	399
70	350	401	460	509	604
71	389	445	505	565	673
72	427	481	553	619	741
73	489	554	641	719	851
74	547	624	723	817	960
75	611	697	810	913	1,072
76	669	767	896	1,005	1,181
77	733	835	982	1,099	1,288
78	808	923	1,086	1,214	1,426
79	887	1,010	1,188	1,334	1,562
80	963	1,097	1,288	1,450	1,699
81	1,041	1,188	1,395	1,563	1,832
82	1,117	1,272	1,497	1,681	1,967
83	1,222	1,397	1,643	1,847	2,145
84	1,333	1,524	1,786	2,008	2,323
85	1,442	1,650	1,935	2,176	2,502
86	1,550	1,776	2,082	2,339	2,677
87	1,658	1,899	2,230	2,507	2,857
88	1,847	2,110	2,478	2,785	3,174
89	2,032	2,325	2,730	3,065	3,495

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 50% Home Health Care Benefit Underwriting Table I, 0 Day Elim Area 1

#### Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	109	132	152	164	208
50-59	144	173	198	221	296
60-64	210	261	292	315	406
65-69	307	370	415	451	546
70	415	505	570	628	761
71	454	547	626	682	827
72	492	596	674	743	897
73	557	674	771	848	1,018
74	619	754	859	944	1,134
75	682	833	951	1,045	1,245
76	748	910	1,041	1,143	1,366
77	808	989	1,134	1,243	1,481
78	902	1,091	1,252	1,379	1,627
79	997	1,191	1,375	1,518	1,770
80	1,091	1,296	1,498	1,658	1,921
81	1,185	1,397	1,617	1,796	2,064
82	1,279	1,503	1,743	1,935	2,206
83	1,398	1,650	1,912	2,125	2,407
84	1,526	1,796	2,086	2,315	2,605
85	1,651	1,944	2,255	2,507	2,806
86	1,777	2,087	2,423	2,693	3,005
87	1,902	2,234	2,596	2,882	3,205
88	2,117	2,489	2,888	3,207	3,566
89	2,329	2,738	3,176	3,532	3,927

#### American General Life Insurance Company Long Term Care Policy Rate Sheet Annual Premiums per \$10 of Daily Benefit 100% Home Health Care Benefit Underwriting Table I, 0 Day Elim Area 1

#### Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	117	152	171	183	221
50-59	160	196	216	238	307
60-64	237	292	327	355	428
65-69	342	420	470	509	633
70	457	565	635	696	848
71	493	613	696	756	919
72	530	661	751	817	995
73	597	748	850	919	1,117
74	664	833	942	1,025	1,236
75	728	914	1,037	1,126	1,359
76	792	1,001	1,133	1,228	1,481
77	858	1,081	1,225	1,327	1,596
78	963	1,197	1,359	1,482	1,753
79	1,068	1,308	1,498	1,636	1,906
80	1,175	1,426	1,634	1,793	2,059
81	1,280	1,536	1,770	1,950	2,214
82	1,388	1,651	1,906	2,103	2,366
83	1,521	1,812	2,093	2,310	2,582
84	1,657	1,977	2,277	2,516	2,793
85	1,791	2,138	2,468	2,724	3,010
86	1,927	2,299	2,653	2,928	3,222
87	2,064	2,460	2,839	3,136	3,435
88	2,293	2,736	3,158	3,485	3,823
89	2,530	3,011	3,476	3,839	4,209

Issue Age	24	36	48	60	Lifetime
18-49	133	171	190	206	286
50-59	171	215	239	261	363
60-64	224	283	317	346	505
65-69	317	389	435	470	604
70	445	523	596	664	827
71	486	565	647	728	902
72	530	610	700	795	974
73	592	682	792	897	1,095
74	656	761	887	1,002	1,214
75	719	833	979	1,105	1,339
76	782	906	1,068	1,208	1,459
77	842	982	1,159	1,312	1,578
78	913	1,065	1,259	1,421	1,708
79	982	1,149	1,354	1,531	1,840
80	1,055	1,228	1,452	1,640	1,975
81	1,121	1,310	1,549	1,753	2,103
82	1,191	1,395	1,643	1,862	2,234
83	1,295	1,508	1,779	2,010	2,399
84	1,397	1,627	1,921	2,164	2,562
85	1,498	1,745	2,054	2,316	2,728
86	1,600	1,862	2,192	2,468	2,890
87	1,704	1,978	2,329	2,620	3,056
88	1,878	2,180	2,566	2,890	3,367
89	2,049	2,379	2,801	3,157	3,675

Issue Age	24	36	48	60	Lifetime
18-49	171	216	244	263	342
50-59	216	276	311	339	435
60-64	284	363	414	450	604
65-69	401	500	564	611	808
70	526	653	741	817	1,063
71	569	700	800	887	1,150
72	611	751	859	952	1,235
73	680	838	960	1,063	1,372
74	744	926	1,063	1,175	1,507
75	815	1,010	1,164	1,287	1,645
76	881	1,097	1,264	1,397	1,784
77	951	1,185	1,366	1,508	1,921
78	1,033	1,275	1,477	1,640	2,054
79	1,117	1,366	1,589	1,770	2,192
80	1,199	1,459	1,700	1,902	2,329
81	1,285	1,549	1,812	2,032	2,462
82	1,367	1,636	1,923	2,164	2,597
83	1,485	1,777	2,086	2,341	2,792
84	1,603	1,917	2,245	2,516	2,982
85	1,716	2,053	2,404	2,693	3,167
86	1,833	2,192	2,562	2,873	3,359
87	1,952	2,332	2,724	3,049	3,550
88	2,153	2,569	3,005	3,364	3,916
89	2,349	2,806	3,276	3,667	4,276

Issue Age	24	36	48	60	Lifetime
18-49	190	244	276	299	371
50-59	239	308	350	380	473
60-64	319	407	461	501	656
65-69	450	564	634	690	923
70	573	727	827	904	1,199
71	618	782	890	974	1,295
72	657	835	958	1,045	1,388
73	733	932	1,063	1,164	1,536
74	804	1,026	1,172	1,280	1,684
75	873	1,119	1,279	1,397	1,833
76	944	1,214	1,388	1,513	1,985
77	1,017	1,310	1,493	1,630	2,132
78	1,112	1,410	1,617	1,777	2,271
79	1,204	1,507	1,743	1,923	2,415
80	1,296	1,605	1,863	2,071	2,556
81	1,389	1,704	1,986	2,221	2,697
82	1,482	1,802	2,110	2,366	2,839
83	1,612	1,954	2,285	2,556	3,048
84	1,737	2,108	2,460	2,751	3,256
85	1,862	2,256	2,638	2,946	3,464
86	1,990	2,410	2,812	3,141	3,669
87	2,116	2,562	2,987	3,330	3,879
88	2,333	2,824	3,295	3,674	4,277
89	2,550	3,085	3,595	4,009	4,670

Issue Age	24	36	48	60	Lifetime
18-49	167	210	237	254	355
50-59	210	263	299	324	451
60-64	279	350	393	427	626
65-69	389	477	532	577	741
70	538	633	719	804	1,001
71	587	680	779	874	1,086
72	635	733	842	952	1,168
73	707	817	946	1,072	1,308
74	782	904	1,055	1,191	1,446
75	851	986	1,158	1,310	1,586
76	919	1,071	1,259	1,427	1,722
77	989	1,156	1,362	1,542	1,854
78	1,071	1,251	1,481	1,671	2,008
79	1,156	1,350	1,593	1,799	2,161
80	1,241	1,443	1,705	1,927	2,320
81	1,318	1,541	1,817	2,059	2,474
82	1,398	1,635	1,930	2,185	2,625
83	1,521	1,776	2,093	2,364	2,819
84	1,643	1,912	2,255	2,546	3,011
85	1,761	2,049	2,415	2,724	3,205
86	1,879	2,185	2,577	2,900	3,396
87	2,001	2,325	2,736	3,079	3,589
88	2,206	2,562	3,014	3,396	3,958
89	2,407	2,796	3,292	3,708	4,319

Issue Age	24	36	48	60	Lifetime
18-49	210	269	301	327	423
50-59	269	342	386	420	538
60-64	352	451	509	554	748
65-69	493	613	690	751	990
70	635	788	895	986	1,285
71	682	843	963	1,065	1,382
72	735	902	1,033	1,143	1,481
73	815	1,002	1,150	1,268	1,636
74	888	1,099	1,264	1,397	1,793
75	963	1,197	1,379	1,524	1,952
76	1,041	1,295	1,490	1,650	2,103
77	1,117	1,395	1,605	1,776	2,255
78	1,213	1,498	1,737	1,927	2,415
79	1,312	1,605	1,868	2,082	2,577
80	1,412	1,712	1,999	2,234	2,736
81	1,507	1,817	2,130	2,387	2,895
82	1,608	1,923	2,261	2,546	3,056
83	1,745	2,087	2,451	2,751	3,276
84	1,884	2,252	2,638	2,956	3,501
85	2,016	2,414	2,824	3,166	3,723
86	2,157	2,577	3,011	3,374	3,947
87	2,293	2,738	3,202	3,581	4,172
88	2,531	3,019	3,532	3,953	4,602
89	2,763	3,296	3,850	4,309	5,022

Issue Age	24	36	48	60	Lifetime
18-49	237	301	342	370	461
50-59	299	383	435	470	588
60-64	396	505	573	624	815
65-69	547	690	779	850	1,134
70	696	874	1,001	1,091	1,452
71	743	937	1,072	1,175	1,558
72	788	1,002	1,149	1,256	1,666
73	873	1,112	1,268	1,389	1,835
74	958	1,221	1,396	1,524	2,006
75	1,034	1,327	1,515	1,658	2,175
76	1,113	1,434	1,635	1,786	2,341
77	1,191	1,541	1,754	1,914	2,507
78	1,306	1,657	1,902	2,087	2,673
79	1,415	1,770	2,048	2,261	2,839
80	1,524	1,886	2,192	2,435	3,005
81	1,634	2,001	2,333	2,605	3,167
82	1,743	2,117	2,478	2,780	3,336
83	1,891	2,294	2,684	3,005	3,578
84	2,039	2,476	2,890	3,230	3,827
85	2,185	2,653	3,097	3,462	4,070
86	2,339	2,834	3,303	3,689	4,311
87	2,486	3,011	3,508	3,913	4,557
88	2,743	3,319	3,871	4,318	5,024
89	2,993	3,626	4,222	4,712	5,487

## American General Life Insurance Company Policy Form Series 64028 Long Term Care Policy

#### Rate Schedule

#### I. Substandard Rate classifications

Issue Age	Standard	Select	Underwriting Problems
18-59	129%	175%	210%
60-64	129%	174%	210%
65-69	126%	170%	205%
70-74	125%	167%	202%
75-79	123%	166%	200%
80-84	118%	160%	192%
85-89	114%	154%	185%

#### II. Area Rating

Area 1: All other areas.

# Area 2: California, New York, All other Florida counties not included in Area 3.

Area 3: Florida counties: Dade, Broward, Fort Lauderdale, Palm.

# III. Elimination Period

Percentage
Discount
0%
6%
10%
12%
13%
22%
28%

## Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	86	105	116	125	181
50-59	109	136	159	191	284
60-64	166	201	226	240	355
65-69	245	290	328	354	406
70	364	418	475	529	625
71	405	463	525	588	696
72	444	501	575	645	773
73	514	581	670	751	891
74	576	655	763	855	1,010
75	645	735	855	964	1,133
76	711	814	951	1,064	1,253
77	780	889	1,044	1,170	1,371
78	861	984	1,154	1,293	1,516
79	943	1,074	1,263	1,419	1,664
80	1,024	1,169	1,371	1,544	1,804
81	1,109	1,263	1,481	1,666	1,948
82	1,189	1,358	1,590	1,789	2,091
83	1,301	1,488	1,746	1,963	2,281
84	1,418	1,620	1,901	2,135	2,471
85	1,531	1,755	2,056	2,315	2,663
86	1,648	1,885	2,213	2,488	2,848
87	1,765	2,020	2,373	2,665	3,038
88	1,963	2,245	2,638	2,963	3,380
89	2,164	2,473	2,904	3,264	3,719

## Policy form Series 64028 Level Benefits

Issue Age	24	36	48	60	Lifetime
18-49	109	135	151	165	209
50-59	145	174	200	220	298
60-64	214	263	296	318	406
65-69	309	376	424	458	556
70	433	521	591	650	785
71	473	571	650	711	861
72	514	624	705	774	935
73	583	706	805	884	1,064
74	654	793	904	994	1,190
75	721	875	1,005	1,101	1,319
76	793	964	1,101	1,210	1,448
77	861	1,053	1,204	1,320	1,574
78	959	1,160	1,335	1,469	1,728
79	1,063	1,271	1,465	1,613	1,884
80	1,160	1,380	1,594	1,765	2,043
81	1,258	1,488	1,724	1,913	2,193
82	1,360	1,599	1,853	2,056	2,348
83	1,489	1,755	2,034	2,264	2,561
84	1,625	1,913	2,220	2,463	2,776
85	1,756	2,071	2,401	2,665	2,984
86	1,891	2,221	2,580	2,866	3,195
87	2,021	2,378	2,759	3,066	3,410
88	2,253	2,646	3,073	3,413	3,793
89	2,480	2,915	3,381	3,756	4,176

## Policy Form Series 64028 Level Benefits

	0.4	20	40	<u></u>	l if a first
Issue Age	24	36	48	60	Lifetime
18-49	119	151	171	185	220
50-59	161	194	219	240	308
60-64	238	296	329	358	434
65-69	349	428	479	519	644
70	473	596	658	716	875
71	514	636	721	785	955
72	554	691	783	850	1,034
73	625	783	889	964	1,169
74	696	873	990	1,074	1,301
75	766	965	1,093	1,189	1,436
76	841	1,060	1,199	1,301	1,565
77	910	1,149	1,305	1,416	1,699
78	1,024	1,273	1,448	1,578	1,863
79	1,138	1,391	1,594	1,745	2,028
80	1,251	1,516	1,736	1,908	2,191
81	1,361	1,635	1,884	2,074	2,355
82	1,475	1,756	2,028	2,239	2,519
83	1,619	1,928	2,224	2,459	2,748
84	1,763	2,101	2,424	2,676	2,973
85	1,905	2,271	2,623	2,895	3,201
86	2,050	2,448	2,820	3,115	3,429
87	2,193	2,618	3,019	3,336	3,654
88	2,440	2,911	3,360	3,709	4,066
89	2,690	3,203	3,699	4,084	4,476

# Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	106	126	145	155	226
50-59	136	171	194	238	354
60-64	209	249	280	298	440
65-69	298	355	405	433	499
70	438	501	575	636	755
71	486	556	631	706	841
72	534	601	691	774	926
73	611	693	801	899	1,064
74	684	780	904	1,021	1,200
75	764	871	1,013	1,141	1,340
76	836	959	1,120	1,256	1,476
77	916	1,044	1,228	1,374	1,610
78	1,010	1,154	1,358	1,518	1,783
79	1,109	1,263	1,485	1,668	1,953
80	1,204	1,371	1,610	1,813	2,124
81	1,301	1,485	1,744	1,954	2,290
82	1,396	1,590	1,871	2,101	2,459
83	1,528	1,746	2,054	2,309	2,681
84	1,666	1,905	2,233	2,510	2,904
85	1,803	2,063	2,419	2,720	3,128
86	1,938	2,220	2,603	2,924	3,346
87	2,073	2,374	2,788	3,134	3,571
88	2,309	2,638	3,098	3,481	3,968
89	2,540	2,906	3,413	3,831	4,369

# Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	136	165	190	205	260
50-59	180	216	248	276	370
60-64	263	326	365	394	508
65-69	384	463	519	564	683
70	519	631	713	785	951
71	568	684	783	853	1,034
72	615	745	843	929	1,121
73	696	843	964	1,060	1,273
74	774	943	1,074	1,180	1,418
75	853	1,041	1,189	1,306	1,556
76	935	1,138	1,301	1,429	1,708
77	1,010	1,236	1,418	1,554	1,851
78	1,128	1,364	1,565	1,724	2,034
79	1,246	1,489	1,719	1,898	2,213
80	1,364	1,620	1,873	2,073	2,401
81	1,481	1,746	2,021	2,245	2,580
82	1,599	1,879	2,179	2,419	2,758
83	1,748	2,063	2,390	2,656	3,009
84	1,908	2,245	2,608	2,894	3,256
85	2,064	2,430	2,819	3,134	3,508
86	2,221	2,609	3,029	3,366	3,756
87	2,378	2,793	3,245	3,603	4,006
88	2,646	3,111	3,610	4,009	4,458
89	2,911	3,423	3,970	4,415	4,909

# Policy Form Series 64028 with 64032 Level Benefits, With Nonforfeiture

Issue Age	24	36	48	60	Lifetime
18-49	146	190	214	229	276
50-59	200	245	270	298	384
60-64	296	365	409	444	535
65-69	428	525	588	636	791
70	571	706	794	870	1,060
71	616	766	870	945	1,149
72	663	826	939	1,021	1,244
73	746	935	1,063	1,149	1,396
74	830	1,041	1,178	1,281	1,545
75	910	1,143	1,296	1,408	1,699
76	990	1,251	1,416	1,535	1,851
77	1,073	1,351	1,531	1,659	1,995
78	1,204	1,496	1,699	1,853	2,191
79	1,335	1,635	1,873	2,045	2,383
80	1,469	1,783	2,043	2,241	2,574
81	1,600	1,920	2,213	2,438	2,768
82	1,735	2,064	2,383	2,629	2,958
83	1,901	2,265	2,616	2,888	3,228
84	2,071	2,471	2,846	3,145	3,491
85	2,239	2,673	3,085	3,405	3,763
86	2,409	2,874	3,316	3,660	4,028
87	2,580	3,075	3,549	3,920	4,294
88	2,866	3,420	3,948	4,356	4,779
89	3,163	3,764	4,345	4,799	5,261

Issue Age	24	36	48	60	Lifetime
18-49	166	214	238	258	358
50-59	214	269	299	326	454
60-64	280	354	396	433	631
65-69	396	486	544	588	755
70	556	654	745	830	1,034
71	608	706	809	910	1,128
72	663	763	875	994	1,218
73	740	853	990	1,121	1,369
74	820	951	1,109	1,253	1,518
75	899	1,041	1,224	1,381	1,674
76	978	1,133	1,335	1,510	1,824
77	1,053	1,228	1,449	1,640	1,973
78	1,141	1,331	1,574	1,776	2,135
79	1,228	1,436	1,693	1,914	2,300
80	1,319	1,535	1,815	2,050	2,469
81	1,401	1,638	1,936	2,191	2,629
82	1,489	1,744	2,054	2,328	2,793
83	1,619	1,885	2,224	2,513	2,999
84	1,746	2,034	2,401	2,705	3,203
85	1,873	2,181	2,568	2,895	3,410
86	2,000	2,328	2,740	3,085	3,613
87	2,130	2,473	2,911	3,275	3,820
88	2,348	2,725	3,208	3,613	4,209
89	2,561	2,974	3,501	3,946	4,594

Issue Age	24	36	48	60	Lifetime
18-49	214	270	305	329	428
50-59	270	345	389	424	544
60-64	355	454	518	563	755
65-69	501	625	705	764	1,010
70	658	816	926	1,021	1,329
71	711	875	1,000	1,109	1,438
72	764	939	1,074	1,190	1,544
73	850	1,048	1,200	1,329	1,715
74	930	1,158	1,329	1,469	1,884
75	1,019	1,263	1,455	1,609	2,056
76	1,101	1,371	1,580	1,746	2,230
77	1,189	1,481	1,708	1,885	2,401
78	1,291	1,594	1,846	2,050	2,568
79	1,396	1,708	1,986	2,213	2,740
80	1,499	1,824	2,125	2,378	2,911
81	1,606	1,936	2,265	2,540	3,078
82	1,709	2,045	2,404	2,705	3,246
83	1,856	2,221	2,608	2,926	3,490
84	2,004	2,396	2,806	3,145	3,728
85	2,145	2,566	3,005	3,366	3,959
86	2,291	2,740	3,203	3,591	4,199
87	2,440	2,915	3,405	3,811	4,438
88	2,691	3,211	3,756	4,205	4,895
89	2,936	3,508	4,095	4,584	5,345

Issue Age	24	36	48	60	Lifetime
18-49	238	305	345	374	464
50-59	299	385	438	475	591
60-64	399	509	576	626	820
65-69	563	705	793	863	1,154
70	716	909	1,034	1,130	1,499
71	773	978	1,113	1,218	1,619
72	821	1,044	1,198	1,306	1,735
73	916	1,165	1,329	1,455	1,920
74	1,005	1,283	1,465	1,600	2,105
75	1,091	1,399	1,599	1,746	2,291
76	1,180	1,518	1,735	1,891	2,481
77	1,271	1,638	1,866	2,038	2,665
78	1,390	1,763	2,021	2,221	2,839
79	1,505	1,884	2,179	2,404	3,019
80	1,620	2,006	2,329	2,589	3,195
81	1,736	2,130	2,483	2,776	3,371
82	1,853	2,253	2,638	2,958	3,549
83	2,015	2,443	2,856	3,195	3,810
84	2,171	2,635	3,075	3,439	4,070
85	2,328	2,820	3,298	3,683	4,330
86	2,488	3,013	3,515	3,926	4,586
87	2,645	3,203	3,734	4,163	4,849
88	2,916	3,530	4,119	4,593	5,346
89	3,188	3,856	4,494	5,011	5,838

Issue Age	24	36	48	60	Lifetime
18-49	209	263	296	318	444
50-59	263	329	374	405	564
60-64	349	438	491	534	783
65-69	486	596	665	721	926
70	673	791	899	1,005	1,251
71	734	850	974	1,093	1,358
72	794	916	1,053	1,190	1,460
73	884	1,021	1,183	1,340	1,635
74	978	1,130	1,319	1,489	1,808
75	1,064	1,233	1,448	1,638	1,983
76	1,149	1,339	1,574	1,784	2,153
77	1,236	1,445	1,703	1,928	2,318
78	1,339	1,564	1,851	2,089	2,510
79	1,445	1,688	1,991	2,249	2,701
80	1,551	1,804	2,131	2,409	2,900
81	1,648	1,926	2,271	2,574	3,093
82	1,748	2,044	2,413	2,731	3,281
83	1,901	2,220	2,616	2,955	3,524
84	2,054	2,390	2,819	3,183	3,764
85	2,201	2,561	3,019	3,405	4,006
86	2,349	2,731	3,221	3,625	4,245
87	2,501	2,906	3,420	3,849	4,486
88	2,758	3,203	3,768	4,245	4,948
89	3,009	3,495	4,115	4,635	5,399

Issue Age	24	36	48	60	Lifetime
18-49	263	336	376	409	529
50-59	336	428	483	525	673
60-64	440	564	636	693	935
65-69	616	766	863	939	1,238
70	794	985	1,119	1,233	1,606
71	853	1,054	1,204	1,331	1,728
72	919	1,128	1,291	1,429	1,851
73	1,019	1,253	1,438	1,585	2,045
74	1,110	1,374	1,580	1,746	2,241
75	1,204	1,496	1,724	1,905	2,440
76	1,301	1,619	1,863	2,063	2,629
77	1,396	1,744	2,006	2,220	2,819
78	1,516	1,873	2,171	2,409	3,019
79	1,640	2,006	2,335	2,603	3,221
80	1,765	2,140	2,499	2,793	3,420
81	1,884	2,271	2,663	2,984	3,619
82	2,010	2,404	2,826	3,183	3,820
83	2,181	2,609	3,064	3,439	4,095
84	2,355	2,815	3,298	3,695	4,376
85	2,520	3,018	3,530	3,958	4,654
86	2,696	3,221	3,764	4,218	4,934
87	2,866	3,423	4,003	4,476	5,215
88	3,164	3,774	4,415	4,941	5,753
89	3,454	4,120	4,813	5,386	6,278

Issue Age	24	36	48	60	Lifetime
18-49	296	376	428	463	576
50-59	374	479	544	588	735
60-64	495	631	716	780	1,019
65-69	684	863	974	1,063	1,418
70	870	1,093	1,251	1,364	1,815
71	929	1,171	1,340	1,469	1,948
72	985	1,253	1,436	1,570	2,083
73	1,091	1,390	1,585	1,736	2,294
74	1,198	1,526	1,745	1,905	2,508
75	1,293	1,659	1,894	2,073	2,719
76	1,391	1,793	2,044	2,233	2,926
77	1,489	1,926	2,193	2,393	3,134
78	1,633	2,071	2,378	2,609	3,341
79	1,769	2,213	2,560	2,826	3,549
80	1,905	2,358	2,740	3,044	3,756
81	2,043	2,501	2,916	3,256	3,959
82	2,179	2,646	3,098	3,475	4,170
83	2,364	2,868	3,355	3,756	4,473
84	2,549	3,095	3,613	4,038	4,784
85	2,731	3,316	3,871	4,328	5,088
86	2,924	3,543	4,129	4,611	5,389
87	3,108	3,764	4,385	4,891	5,696
88	3,429	4,149	4,839	5,398	6,280
89	3,741	4,533	5,278	5,890	6,859

## American General Life Insurance Company Policy Form Series 64028 Long Term Care Policy

#### Rate Schedule

#### I. Substandard Rate classifications

Issue Age	Standard	Select	Underwriting Problems
18-59	129%	175%	210%
60-64	129%	174%	210%
65-69	126%	170%	205%
70-74	125%	167%	202%
75-79	123%	166%	200%
80-84	118%	160%	192%
85-89	114%	154%	185%

#### II. Area Rating

Area 1: All other areas.

# Area 2: California, New York, All other Florida counties not included in Area 3.

Area 3: Florida counties: Dade, Broward, Fort Lauderdale, Palm.

# III. Elimination Period

Elimination	Percentage
Period	Discount
0	0%
7	6%
14	10%
20	12%
30	13%
60	22%
100	28%