

4 **Example Number 4**

A 6% increase on January 1, then another 6% increase on July 1.

Assume a level premium of \$100 PMPM for a year. On January 1, the premium is raised to \$106.00.

This constitutes an increase of 6% per annum, or $(\$106 \times 12 \text{ months}) / (\$100 \times 12 \text{ months}) - 1$ or $\$1,272 / \$1,200 - 1 = .06$ or 6% viewed at the time of the increase.

When raised another 6% in July (to \$112.36) the average increase becomes: $(\$106 \times 6 \text{ months}) + (\$112.36 \times 6 \text{ months}) / (\$100 \times 12 \text{ months}) - 1 = \$1,310.16 / \$1,200 - 1 = 9.18\%$

This is taken from the point of reference of the January.

Viewed from the point of reference of July it is:

$(\$112.36 \times 12 \text{ months}) / (\$100 \times 6 \text{ months}) + (\$106 \times 6 \text{ months}) - 1 = \$1,348.32 / \$1,236 - 1 = 9.09\%$

This however reflects one time increases.

In the case of a regular semiannual increase of 6% the impact is that policyholders ultimately incur a 12.36% per annum increase.

That is:

$(\$112.36 \times 6 \text{ months}) + (\$119.10 \times 6 \text{ months}) / (\$100 \times 6 \text{ months}) + (\$106 \times 6 \text{ months}) - 1 = \$1,388.76 / \$1,236 - 1 = 12.36\%$

In such a case the increase is clearly in excess of the threshold and subject to review.

The rate of increase becomes a function of the semiannual increase not the premium. That is if the original premium is P (in this example \$100); $P((1.06^2) + (1.06^3)) / P((1 + (1.06))) = 12.36\%$

So for a member with a January 1 renewal the increase is:

So for a member with a January 1 renewal the increase is:

4 0.06

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
1 January	100.00			
2 February	100.00			
3 March	100.00			
4 April	100.00			
5 May	100.00			
6 June	100.00			
7 July	100.00			
8 August	100.00			
9 September	100.00			
10 October	100.00	Examination using first increase as point of reference		
11 November	100.00			
12 December	100.00			
13 January	106.00	1,200.00	1,310.16	1.0918 9.1800%
14 February	106.00			
15 March	106.00			
16 April	106.00			
17 May	106.00			
18 June	106.00			
19 July	112.36			
20 August	112.36			
21 September	112.36			
22 October	112.36			
23 November	112.36			
24 December	112.36			
25 January	112.36			
26 February	112.36			
27 March	112.36			
28 April	112.36			
29 May	112.36			
30 June	112.36			
31 July	112.36			
32 August	112.36			
33 September	112.36			
34 October	112.36			
35 November	112.36			
36 December	112.36			
37 January	112.36			
38 February	112.36			
39 March	112.36			
40 April	112.36			
41 May	112.36			
42 June	112.36			
43 July	112.36			
44 August	112.36			
45 September	112.36			
46 October	112.36			
47 November	112.36			
48 December	112.36			

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
1 January	100.00			
2 February	100.00			
3 March	100.00			
4 April	100.00			
5 May	100.00			
6 June	100.00			
7 July	100.00			
8 August	100.00			
9 September	100.00			
10 October	100.00			
11 November	100.00			
12 December	100.00			
13 January	106.00			
14 February	106.00			
15 March	106.00			
16 April	106.00			
17 May	106.00			
18 June	106.00			
19 July	112.36	1,236.00	1,348.32	1.090874 9.0874%
20 August	112.36			
21 September	112.36			
22 October	112.36			
23 November	112.36			
24 December	112.36			
25 January	112.36			
26 February	112.36			
27 March	112.36			
28 April	112.36			
29 May	112.36			
30 June	112.36			
31 July	112.36			
32 August	112.36			
33 September	112.36			
34 October	112.36			
35 November	112.36			
36 December	112.36			
37 January	112.36			
38 February	112.36			
39 March	112.36			
40 April	112.36			
41 May	112.36			
42 June	112.36			
43 July	112.36			
44 August	112.36			
45 September	112.36			
46 October	112.36			
47 November	112.36			
48 December	112.36			

Examination using second increase as point of reference

0.06

0.06

4	Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
	1 January	100.00			
	2 February	100.00			
	3 March	100.00			
	4 April	100.00			
	5 May	100.00			
	6 June	100.00			
	7 July	100.00			
	8 August	100.00			
	9 September	100.00			
	10 October	100.00			
	11 November	100.00			
	12 December	100.00			
	13 January	106.00			
	14 February	106.00			
	15 March	106.00	Result of a regular periodic increase.		
	16 April	106.00			
	17 May	106.00			
	18 June	106.00			
	19 July	112.36	1,236.00	1,388.77	1.1236 12.3600%
	20 August	112.36			
	21 September	112.36			
	22 October	112.36	The \$119.10 causes the threshold to trigger and would make that increase subject to review.		
	23 November	112.36			
	24 December	112.36			
	25 January	119.10			
	26 February	119.10			
	27 March	119.10			
	28 April	119.10			
	29 May	119.10			
	30 June	119.10			
	31 July	126.25			
	32 August	126.25			
	33 September	126.25			
	34 October	126.25			
	35 November	126.25			
	36 December	126.25			
	37 January	133.82			
	38 February	133.82			
	39 March	133.82			
	40 April	133.82			
	41 May	133.82			
	42 June	133.82			
	43 July	141.85			
	44 August	141.85			
	45 September	141.85			
	46 October	141.85			
	47 November	141.85			
	48 December	141.85			

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
1 January	100.00			
2 February	100.00			
3 March	100.00			
4 April	100.00			
5 May	100.00			
6 June	100.00			
7 July	100.00	Illustration of how such a regular increase would trigger the threshold with each increase.		
8 August	100.00			
9 September	100.00			
10 October	100.00			
11 November	100.00			
12 December	100.00			
13 January	106.00	1,200.00	1,310.16	1.0918 9.1800%
14 February	106.00	1,206.00	1,323.26	1.097232 9.7232%
15 March	106.00	1,212.00	1,336.36	1.10261 10.2610%
16 April	106.00	1,218.00	1,349.46	1.107935 10.7935%
17 May	106.00	1,224.00	1,362.57	1.113208 11.3208%
18 June	106.00	1,230.00	1,375.67	1.118429 11.8429%
19 July	112.36	1,236.00	1,388.77	1.1236 12.3600%
20 August	112.36	1,248.36	1,402.66	1.1236 12.3600%
21 September	112.36	1,260.72	1,416.54	1.1236 12.3600%
22 October	112.36	1,273.08	1,430.43	1.1236 12.3600%
23 November	112.36	1,285.44	1,444.32	1.1236 12.3600%
24 December	112.36	1,297.80	1,458.21	1.1236 12.3600%
25 January	119.10	1,310.16	1,472.10	1.1236 12.3600%
26 February	119.10	1,323.26	1,486.82	1.1236 12.3600%
27 March	119.10	1,336.36	1,501.54	1.1236 12.3600%
28 April	119.10	1,349.46	1,516.26	1.1236 12.3600%
29 May	119.10	1,362.57	1,530.98	1.1236 12.3600%
30 June	119.10	1,375.67	1,545.70	1.1236 12.3600%
31 July	126.25	1,388.77	1,560.42	1.1236 12.3600%
32 August	126.25	1,402.66	1,576.03	1.1236 12.3600%
33 September	126.25	1,416.54	1,591.63	1.1236 12.3600%
34 October	126.25	1,430.43	1,607.23	1.1236 12.3600%
35 November	126.25	1,444.32	1,622.84	1.1236 12.3600%
36 December	126.25	1,458.21	1,638.44	1.1236 12.3600%
37 January	133.82	1,472.10	1,654.05	1.1236 12.3600%
38 February	133.82	1,486.82		
39 March	133.82	1,501.54		
40 April	133.82	1,516.26		
41 May	133.82	1,530.98		
42 June	133.82	1,545.70		
43 July	141.85	1,560.42		
44 August	141.85	1,576.03		
45 September	141.85	1,591.63		
46 October	141.85	1,607.23		
47 November	141.85	1,622.84		
48 December	141.85	1,638.44		

$P((1.06^2)+(1.06^3))/P((1+(1.06)) = 12.36\%$

4b

BCBS changes the assumptions of the example to create a situation we shall label 4b whereby:

Members renewal dates are only on January 1 or July 1.

There are an equal number of members with renewal dates for January and July

Premiums are only raised upon renewal, that is there is a 12 month premium guarantee

In this case the first increase represents 6%, the second 9.13%, ultimately this regular pattern of increases represents a regular average annual 6% increase per annum and would not exceed the threshold.

0.06

4b

Month	Premium		Old annual		Old annual		New annual	New annual	Average Increase	Average Old premium	Average New premium
	Cohort 1 Jan renewal	Cohort 2 July renewal	Premium C1	Premium C2	Premium C1	Premium C2					
1 January	100.00	100.00	100.00	100.00							
2 February	100.00	100.00									
3 March	100.00	100.00									
4 April	100.00	100.00									
5 May	100.00	100.00									
6 June	100.00	100.00									
7 July	100.00	100.00									
8 August	100.00	100.00									
9 September	100.00	100.00									
10 October	100.00	100.00									
11 November	100.00	100.00									
12 December	100.00	100.00									
13 January	106.00	100.00	1,200.00	1,200.00	1,272.00	1,274.16			6.09%	100.00	106.09
14 February	106.00	100.00									
15 March	106.00	100.00									
16 April	106.00	100.00									
17 May	106.00	100.00									
18 June	106.00	100.00									
19 July	106.00	112.36									
20 August	106.00	112.36									
21 September	106.00	112.36									
22 October	106.00	112.36									
23 November	106.00	112.36									
24 December	106.00	112.36									
25 January	112.36	112.36									
26 February	112.36	112.36									
27 March	112.36	112.36									
28 April	112.36	112.36									
29 May	112.36	112.36									
30 June	112.36	112.36									
31 July	112.36	119.10									
32 August	112.36	119.10									
33 September	112.36	119.10									
34 October	112.36	119.10									
35 November	112.36	119.10									
36 December	112.36	119.10									
37 January	119.10	119.10									
38 February	119.10	119.10									
39 March	119.10	119.10									
40 April	119.10	119.10									
41 May	119.10	119.10									
42 June	119.10	119.10									
43 July	119.10	126.25									
44 August	119.10	126.25									
45 September	119.10	126.25									
46 October	119.10	126.25									
47 November	119.10	126.25									
48 December	119.10	126.25									

Examination using first increase as point of reference

4b	Month	Premium Cohort 1	Premium Cohort 2	Old annual	Old annual	New annual	New annual	Average	Average	Average Old	Average New
		Jan renewal	July renewal	Premium C1	Premium C2	Premium C1	Premium C2	Increase	premium	premium	
ALSO	1 January	100.00	100.00								
AHIP C	2 February	100.00	100.00								
	3 March	100.00	100.00								
	4 April	100.00	100.00								
	5 May	100.00	100.00								
	6 June	100.00	100.00								
	7 July	100.00	100.00								
	8 August	100.00	100.00								
	9 September	100.00	100.00								
	10 October	100.00	100.00								
	11 November	100.00	100.00								
	12 December	100.00	100.00								
	13 January	106.00	100.00	1,200.00	1,200.00	1,272.00	1,274.16	6.09%	100.00	106.09	
	14 February	106.00	100.00								
	15 March	106.00	100.00								
	16 April	106.00	100.00								
	17 May	106.00	100.00								
	18 June	106.00	100.00								
	19 July	106.00	112.36	1,236.00	1,200.00	1,310.16	1,348.32	9.13%	101.50	110.77	
	20 August	106.00	112.36								
	21 September	106.00	112.36								
	22 October	106.00	112.36								
	23 November	106.00	112.36								
	24 December	106.00	112.36								
	25 January	112.36	112.36	1,272.00	1,274.16	1,348.32	1,388.77	7.50%	106.09	114.05	
	26 February	112.36	112.36								
	27 March	112.36	112.36								
	28 April	112.36	112.36								
	29 May	112.36	112.36								
	30 June	112.36	112.36								
	31 July	112.36	119.10	1,310.16	1,348.32	1,388.77	1,429.22	6.00%	110.77	117.42	
	32 August	112.36	119.10	1,316.52	1,355.06	1,395.51	1,436.37	6.00%	111.32	117.99	
	33 September	112.36	119.10	1,322.88	1,361.80	1,402.25	1,443.51	6.00%	111.86	118.57	
	34 October	112.36	119.10	1,329.24	1,368.54	1,408.99	1,450.66	6.00%	112.41	119.15	
	35 November	112.36	119.10	1,335.60	1,375.29	1,415.74	1,457.80	6.00%	112.95	119.73	
	36 December	112.36	119.10	1,341.96	1,382.03	1,422.48	1,464.95	6.00%	113.50	120.31	
	37 January	119.10	119.10	1,348.32	1,388.77	1,429.22	1,472.10	6.00%	114.05	120.89	
	38 February	119.10	119.10								
	39 March	119.10	119.10								
	40 April	119.10	119.10								
	41 May	119.10	119.10								
	42 June	119.10	119.10								
	43 July	119.10	126.25								
	44 August	119.10	126.25								
	45 September	119.10	126.25								
	46 October	119.10	126.25								
	47 November	119.10	126.25								
	48 December	119.10	126.25								

Examination using second increase as point of reference

4d(1) BCBS changes the assumptions of their example to create a situation we shall label 4c whereby:
 January 100.00
 July 100.00
 Following Jan 109.00 But applied only for the January renewal cohort
 July 112.00 applied to all policyholders

0.06

Month	Number Enrolled	Premium	Total Premium	New Enrollees	Premium	Total Premium	Average old Premium	Average New Premium	Average Increase
1 January	100.00	100.00	10,000.00	100	100.00	10,000.00			
2 February	100.00	100.00	10,000.00	100	100.00	10,000.00			
3 March	100.00	100.00	10,000.00	100	100.00	10,000.00			
4 April	100.00	100.00	10,000.00	100	100.00	10,000.00			
5 May	100.00	100.00	10,000.00	100	100.00	10,000.00			
6 June	100.00	100.00	10,000.00	100	100.00	10,000.00			
7 July	100.00	100.00	10,000.00	100	100.00	10,000.00			
8 August	100.00	100.00	10,000.00	100	100.00	10,000.00			
9 September	100.00	100.00	10,000.00	100	100.00	10,000.00			
10 October	100.00	100.00	10,000.00	100	100.00	10,000.00			
11 November	100.00	100.00	10,000.00	100	100.00	10,000.00			
12 December	100.00	100.00	10,000.00	100	100.00	10,000.00			
13 January	100.00	109.00	10,900.00	100	100.00	10,000.00			
14 February	100.00	109.00	10,900.00	100	100.00	10,000.00			
15 March	100.00	109.00	10,900.00	100	100.00	10,000.00			
16 April	100.00	109.00	10,900.00	100	100.00	10,000.00			
17 May	100.00	109.00	10,900.00	100	100.00	10,000.00			
18 June	100.00	109.00	10,900.00	100	100.00	10,000.00			
19 July	100.00	112.00	11,200.00	100	112.00	11,200.00	102.25	112.00	9.54%
20 August	100.00	112.00	11,200.00	100	112.00	11,200.00			
21 September	100.00	112.00	11,200.00	100	112.00	11,200.00			
22 October	100.00	112.00	11,200.00	100	112.00	11,200.00			
23 November	100.00	112.00	11,200.00	100	112.00	11,200.00			
24 December	100.00	112.00	11,200.00	100	112.00	11,200.00			
25 January	100.00	112.00	11,200.00	100	112.00	11,200.00			
26 February	100.00	112.00	11,200.00	100	112.00	11,200.00			
27 March	100.00	112.00	11,200.00	100	112.00	11,200.00			
28 April	100.00	112.00	11,200.00	100	112.00	11,200.00			
29 May	100.00	112.00	11,200.00	100	112.00	11,200.00			
30 June	100.00	112.00	11,200.00	100	112.00	11,200.00			
31 July	100.00	112.00	11,200.00	100	112.00	11,200.00			
32 August	100.00	112.00	11,200.00	100	112.00	11,200.00			
33 September	100.00	112.00	11,200.00	100	112.00	11,200.00			
34 October	100.00	112.00	11,200.00	100	112.00	11,200.00			
35 November	100.00	112.00	11,200.00	100	112.00	11,200.00			
36 December	100.00	112.00	11,200.00	100	112.00	11,200.00			
37 January	100.00	112.00	11,200.00	100	112.00	11,200.00			
38 February	100.00	112.00	11,200.00	100	112.00	11,200.00			
39 March	100.00	112.00	11,200.00	100	112.00	11,200.00			
40 April	100.00	112.00	11,200.00	100	112.00	11,200.00			
41 May	100.00	112.00	11,200.00	100	112.00	11,200.00			
42 June	100.00	112.00	11,200.00	100	112.00	11,200.00			
43 July	100.00	112.00	11,200.00	100	112.00	11,200.00			
44 August	100.00	112.00	11,200.00	100	112.00	11,200.00			
45 September	100.00	112.00	11,200.00	100	112.00	11,200.00			
46 October	100.00	112.00	11,200.00	100	112.00	11,200.00			
47 November	100.00	112.00	11,200.00	100	112.00	11,200.00			
48 December	100.00	112.00	11,200.00	100	112.00	11,200.00			

4q2)

BCBS example in which there are two cohorts, Jan and July enrollees with staggered increases.
 In this case the \$112 premium is applied to all policyholders only upon their next renewal date
 Jan 109.00 applied to all policyholders upon (their next) renewal
 July 112.00 applied to all policyholders upon renewal

Average increase is measured at the effective date of each increase and uses a one year window from that date.

Month	Number Enrolled	Premium	Enrollees		Enrollees		Average Old Premium	Average New Premium	Average Increase
			Jan	July	Total Premium	Total Premium			
1 January	100.00	100.00							
2 February	100.00	100.00							
3 March	100.00	100.00							
4 April	100.00	100.00							
5 May	100.00	100.00							
6 June	100.00	100.00							
7 July	100.00	100.00	100	100	100.00	10,000.00			
8 August	100.00	100.00	100	100	100.00	10,000.00			
9 September	100.00	100.00	100	100	100.00	10,000.00			
10 October	100.00	100.00	100	100	100.00	10,000.00			
11 November	100.00	100.00	100	100	100.00	10,000.00			
12 December	100.00	100.00	100	100	100.00	10,000.00			
13 January	100.00	109.00	100	100	100.00	10,000.00			
14 February	100.00	109.00	100	100	100.00	10,000.00			
15 March	100.00	109.00	100	100	100.00	10,000.00			
16 April	100.00	109.00	100	100	100.00	10,000.00			
17 May	100.00	109.00	100	100	100.00	10,000.00			
18 June	100.00	109.00	100	100	100.00	10,000.00			
19 July	100.00	109.00	100	100	112.00	11,200.00	102.25	111.25	8.80%
20 August	100.00	109.00	100	100	112.00	11,200.00			
21 September	100.00	109.00	100	100	112.00	11,200.00			
22 October	100.00	109.00	100	100	112.00	11,200.00			
23 November	100.00	109.00	100	100	112.00	11,200.00			
24 December	100.00	109.00	100	100	112.00	11,200.00			
25 January	100.00	112.00	100	100	112.00	11,200.00			
26 February	100.00	112.00	100	100	112.00	11,200.00			
27 March	100.00	112.00	100	100	112.00	11,200.00			
28 April	100.00	112.00	100	100	112.00	11,200.00			
29 May	100.00	112.00	100	100	112.00	11,200.00			
30 June	100.00	112.00	100	100	112.00	11,200.00			
31 July	100.00	112.00	100	100	112.00	12,185.60	111.25	119.39	7.32%
32 August	100.00	112.00	100	100	112.00	12,185.60			
33 September	100.00	112.00	100	100	112.00	12,185.60			
34 October	100.00	112.00	100	100	112.00	12,185.60			
35 November	100.00	112.00	100	100	112.00	12,185.60			
36 December	100.00	112.00	100	100	112.00	12,185.60			
37 January	100.00	112.00	100	100	112.00	12,185.60			
38 February	100.00	112.00	100	100	112.00	12,185.60			
39 March	100.00	112.00	100	100	112.00	12,185.60			
40 April	100.00	112.00	100	100	112.00	12,185.60			
41 May	100.00	112.00	100	100	112.00	12,185.60			
42 June	100.00	112.00	100	100	112.00	12,185.60			
43 July	100.00	112.00	100	100	112.00	13,257.93	114.46	124.54	8.80%
44 August	100.00	112.00	100	100	112.00	13,257.93			
45 September	100.00	112.00	100	100	112.00	13,257.93			
46 October	100.00	112.00	100	100	112.00	13,257.93			
47 November	100.00	112.00	100	100	112.00	13,257.93			
48 December	100.00	112.00	100	100	112.00	13,257.93			

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase	Month	Premium	Annual Premium Prior Year	New Annual Premium	Average Increase
1 January	100.00	1,200.00	1,321.92	10.1600%	1 January	100.00	1,248.00	1,347.84	1.08
2 February	100.00				2 February	100.00			
3 March	100.00				3 March	100.00			
4 April	100.00				4 April	100.00			
5 May	100.00				5 May	100.00			
6 June	100.00				6 June	100.00			
7 July	100.00				7 July	100.00			
8 August	100.00				8 August	100.00			
9 September	100.00				9 September	100.00			
10 October	100.00				10 October	100.00			
11 November	100.00				11 November	100.00			
12 December	100.00				12 December	100.00			
13 January	108.00	13 January	108.00						
14 February	108.00	14 February	108.00						
15 March	108.00	15 March	108.00						
16 April	108.00	16 April	108.00						
17 May	108.00	17 May	108.00						
18 June	108.00	18 June	108.00						
19 July	112.32	19 July	112.32						
20 August	112.32	20 August	112.32						
21 September	112.32	21 September	112.32						
22 October	112.32	22 October	112.32						
23 November	112.32	23 November	112.32						
24 December	112.32	24 December	112.32						
25 January	112.32	25 January	112.32						
26 February	112.32	26 February	112.32						
27 March	112.32	27 March	112.32						
28 April	112.32	28 April	112.32						
29 May	112.32	29 May	112.32						
30 June	112.32	30 June	112.32						
31 July	112.32	31 July	112.32						
32 August	112.32	32 August	112.32						
33 September	112.32	33 September	112.32						
34 October	112.32	34 October	112.32						
35 November	112.32	35 November	112.32						
36 December	112.32	36 December	112.32						
37 January	112.32	37 January	112.32						
38 February	112.32	38 February	112.32						
39 March	112.32	39 March	112.32						
40 April	112.32	40 April	112.32						
41 May	112.32	41 May	112.32						
42 June	112.32	42 June	112.32						
43 July	112.32	43 July	112.32						
44 August	112.32	44 August	112.32						
45 September	112.32	45 September	112.32						
46 October	112.32	46 October	112.32						
47 November	112.32	47 November	112.32						
48 December	112.32	48 December	112.32						

AETNA 4

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase	Month	Premium	Annual Premium Prior Year	New Annual Premium	Average Increase
1 January	100.00	1,200.00	1,297.44	1.0812	1 January	100.00	1,236.00	1,322.88	1.070291
2 February	100.00			8.1200%	2 February	100.00			7.0291%
3 March	100.00				3 March	100.00			
4 April	100.00				4 April	100.00			
5 May	100.00				5 May	100.00			
6 June	100.00				6 June	100.00			
7 July	100.00				7 July	100.00			
8 August	100.00				8 August	100.00			
9 September	100.00				9 September	100.00			
10 October	100.00				10 October	100.00			
11 November	100.00				11 November	100.00			
12 December	100.00				12 December	100.00			
13 January	106.00				13 January	106.00			
14 February	106.00				14 February	106.00			
15 March	106.00				15 March	106.00			
16 April	106.00				16 April	106.00			
17 May	106.00				17 May	106.00			
18 June	106.00				18 June	106.00			
19 July	110.24				19 July	110.24			
20 August	110.24				20 August	110.24			
21 September	110.24				21 September	110.24			
22 October	110.24				22 October	110.24			
23 November	110.24				23 November	110.24			
24 December	110.24				24 December	110.24			
25 January	110.24				25 January	110.24			
26 February	110.24				26 February	110.24			
27 March	110.24				27 March	110.24			
28 April	110.24				28 April	110.24			
29 May	110.24				29 May	110.24			
30 June	110.24				30 June	110.24			
31 July	110.24				31 July	110.24			
32 August	110.24				32 August	110.24			
33 September	110.24				33 September	110.24			
34 October	110.24				34 October	110.24			
35 November	110.24				35 November	110.24			
36 December	110.24				36 December	110.24			
37 January	110.24				37 January	110.24			
38 February	110.24				38 February	110.24			
39 March	110.24				39 March	110.24			
40 April	110.24				40 April	110.24			
41 May	110.24				41 May	110.24			
42 June	110.24				42 June	110.24			
43 July	110.24				43 July	110.24			
44 August	110.24				44 August	110.24			
45 September	110.24				45 September	110.24			
46 October	110.24				46 October	110.24			
47 November	110.24				47 November	110.24			
48 December	110.24				48 December	110.24			

2.2% Quarterly increases are under the threshold
0.022

AHP Rolling Example E	Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
	1 January	100.00			
	2 February	100.00			
	3 March	100.00			
	4 April	100.00			
	5 May	100.00			
	6 June	100.00			
	7 July	100.00			
	8 August	100.00			
	9 September	100.00			
	10 October	100.00			
	11 November	100.00			
	12 December	100.00			
	13 January	102.20	1,200.00	1,267.47	1.056223 5.6223%
	14 February	102.20			
	15 March	102.20			
	16 April	104.45	1,206.60	1,295.35	1.073556 7.3556%
	17 May	104.45			
	18 June	104.45			
	19 July	106.75	1,219.95	1,323.85	1.085172 8.5172%
	20 August	106.75			
	21 September	106.75			
	22 October	109.09	1,240.18	1,352.97	1.090947 9.0947%
	23 November	109.09			
	24 December	109.09			
	25 January	111.49	1,267.47	1,382.74	1.090947 9.0947%
	26 February	111.49			
	27 March	111.49			
	28 April	113.95	1,295.35	1,413.16	1.090947 9.0947%
	29 May	113.95			
	30 June	113.95			
	31 July	116.45	1,323.85	1,444.25	1.090947 9.0947%
	32 August	116.45			
	33 September	116.45			
	34 October	119.02	1,352.97	1,476.02	1.090947 9.0947%
	35 November	119.02			
	36 December	119.02			
	37 January	121.63	1,382.74	1,508.50	1.090947 9.0947%
	38 February	121.63			
	39 March	121.63			
	40 April	124.31			
	41 May	124.31			
	42 June	124.31			
	43 July	127.05			
	44 August	127.05			
	45 September	127.05			
	46 October	129.84			
	47 November	129.84			
	48 December	129.84			

3% Quarterly increases are over the threshold
0.03

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
1 January	100.00			
2 February	100.00			
3 March	100.00			
4 April	100.00			
5 May	100.00			
6 June	100.00			
7 July	100.00			
8 August	100.00			
9 September	100.00			
10 October	100.00			
11 November	100.00			
12 December	100.00			
13 January	103.00	1,200.00	1,292.74	1.077284 7.7284%
14 February	103.00			
15 March	103.00			
16 April	106.09	1,209.00	1,331.52	1.101342 10.1342%
17 May	106.09			
18 June	106.09			
19 July	109.27	1,227.27	1,371.47	1.117495 11.7495%
20 August	109.27			
21 September	109.27			
22 October	112.55	1,255.09	1,412.61	1.125509 12.5509%
23 November	112.55			
24 December	112.55			
25 January	115.93	1,292.74	1,454.99	1.125509 12.5509%
26 February	115.93			
27 March	115.93			
28 April	119.41	1,331.52	1,498.64	1.125509 12.5509%
29 May	119.41			
30 June	119.41			
31 July	122.99	1,371.47	1,543.60	1.125509 12.5509%
32 August	122.99			
33 September	122.99			
34 October	126.68	1,412.61	1,589.91	1.125509 12.5509%
35 November	126.68			
36 December	126.68			
37 January	130.48	1,454.99	1,637.61	1.125509 12.5509%
38 February	130.48			
39 March	130.48			
40 April	134.39			
41 May	134.39			
42 June	134.39			
43 July	138.42			
44 August	138.42			
45 September	138.42			
46 October	142.58			
47 November	142.58			
48 December	142.58			

4.88% Semi-annually

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase
1 January	100.00			
2 February	100.00			
3 March	100.00			
4 April	100.00			
5 May	100.00			
6 June	100.00			
7 July	100.00			
8 August	100.00			
9 September	100.00			
10 October	100.00			
11 November	100.00			
12 December	100.00			
13 January	104.88	1,200.00	1,289.28	1.074404 7.4404%
14 February	104.88			
15 March	104.88			
16 April	104.88			
17 May	104.88			
18 June	104.88			
19 July	110.00	1,229.29	1,352.21	1.1 10.0000%
20 August	110.00			
21 September	110.00			
22 October	110.00			
23 November	110.00			
24 December	110.00			
25 January	115.37	1,289.28	1,418.21	1.1 10.0000%
26 February	115.37			
27 March	115.37			
28 April	115.37			
29 May	115.37			
30 June	115.37			
31 July	121.00	1,352.21	1,487.43	1.1 10.0000%
32 August	121.00			
33 September	121.00			
34 October	121.00			
35 November	121.00			
36 December	121.00			
37 January	126.91	1,418.21	1,560.03	1.1 10.0000%
38 February	126.91			
39 March	126.91			
40 April	126.91			
41 May	126.91			
42 June	126.91			
43 July	133.10			
44 August	133.10			
45 September	133.10			
46 October	133.10			
47 November	133.10			
48 December	133.10			

AHIP F

Quarterly

NOT upon renewal

Month	Premium	Annual Premium Prior year	New Annual Premium	Average Increase	
1 January	100.00				
2 February	100.00				
3 March	100.00				
4 April	100.00				
5 May	100.00				
6 June	100.00				
7 July	100.00				
8 August	100.00				
9 September	100.00				
10 October	100.00				
11 November	100.00				
12 December	100.00				
13 January	100.00				
14 February	100.00				
15 March	100.00				
16 April	105.00	1,200.00	1,303.26	1.08605	8.6050%
17 May	105.00				
18 June	105.00				
19 July	107.00	1,215.00	1,332.93	1.097062	9.7062%
20 August	107.00				
21 September	107.00				
22 October	110.00	1,236.00	1,364.19	1.103714	10.3714% Trigger
23 November	110.00				
24 December	110.00				
25 January	112.42	1,266.00	1,394.19	1.101256	10.1256% Trigger
26 February	112.42				
27 March	112.42				
28 April	114.89	1,303.26	1,416.93	1.08722	8.7220%
29 May	114.89				
30 June	114.89				
31 July	117.42	1,332.93	1,432.26	1.07452	7.4520%
32 August	117.42				
33 September	117.42				
34 October	120.00	1,364.19	1,440.00	1.055571	5.5571%
35 November	120.00				
36 December	120.00				
37 January	120.00	1,394.19	1,440.00	1.032858	3.2858%
38 February	120.00				
39 March	120.00				
40 April	120.00				
41 May	120.00				
42 June	120.00				
43 July	120.00				
44 August	120.00				
45 September	120.00				
46 October	120.00				
47 November	120.00				
48 December	120.00				

