



NATALIE A. HUBLEY
PRESIDENT

COMMONWEALTH AUTOMOBILE REINSURERS

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NOTICE OF MEETING

ACTUARIAL COMMITTEE

A meeting of the Actuarial Committee will be held virtually via Zoom video conferencing software,
on

THURSDAY, MAY 26, 2022, AT 10:00 A.M.

If you plan to attend this meeting and are not a member of this Committee, please RSVP by completing the Visitor Security Form located in the Contact Us/Visitor Information section of CAR's website. CAR will then forward to you, via email, meeting access information. Please do not share access information provided by CAR, but refer others wishing to attend the meeting to CAR's Visitor Security Form.

MEMBERS OF THE COMMITTEE

Ms. Lynellen Ramirez – Chair
Arbella Insurance Group

Ms. Kara Boehm
Ms. Sarah Clemens
Mr. Christopher Dupill
Mr. Glenn Hiltbold
Mr. Todd Lehmann
Ms. Kim Miller
Mr. Mark Winiker
Ms. Meredith Woodcock
Mr. Joshua Wykle
Mr. Hao Zhang

Allstate Insurance Group
MAPFRE U.S.A. Corporation
Guardian Insurance Agency, LLC.
Safety Insurance Company
Quincy Mutual Group
The Hanover Insurance Company
A-Affordable Insurance Agency, Inc.
Liberty Mutual Insurance Companies
Vermont Mutual Insurance Group
Plymouth Rock Assurance Corporation

AGENDA

AC

21.01 Records of Previous Meeting

The Records of the Actuarial Committee meeting of May 13, 2021 should be read and approved.

AC

22.03 CAR Conflict of Interest Policy

The Chair will read a statement relative to CAR's Conflict of Interest Policy.

AC

22.04 Quota Share Credits for Policies Effective April 1, 2023 and Later

The Committee should be prepared to begin discussions relative to quota share credits for policies effective April 1, 2023 and subsequent. To assist the Committee, an analysis of historical residual market shares by rate class, territory, and merit rating group is attached. Staff has also included exhibits highlighting three-year loss ratios. (Docket #AC22.04, Exhibits #1 and #2)

Other Business

To transact any other business that may properly come before this Committee.

Executive Session

The Actuarial Committee may convene in Executive Session in accordance with the provisions of G.L. c. 30A, § 21.

SHANNON CHIU
Statistical/Actuarial Analyst

Attachments

Boston, Massachusetts
May 9, 2022

**Commonwealth Automobile Reinsurers - 4/1/2023 Credit Offer
Residual Market Shares Relativities to Statewide Average
Summary By Territory**

Non-Credit Eligible

Territory	R12 Residual Market Share							Relative to Statewide Average						
	Mar-16	Mar-17	Mar-18	Mar-19	Mar-20	Mar-21	Jan-22	Mar-16	Mar-17	Mar-18	Mar-19	Mar-20	Mar-21	Jan-22
1	0.7%	0.7%	0.6%	0.5%	0.5%	0.3%	0.3%	0.5	0.5	0.5	0.5	0.5	0.5	0.6
2	0.7%	0.7%	0.7%	0.6%	0.5%	0.3%	0.2%	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.7%	0.8%	0.7%	0.7%	0.5%	0.4%	0.3%	0.5	0.5	0.6	0.6	0.6	0.6	0.7
4	0.6%	0.7%	0.7%	0.6%	0.4%	0.3%	0.2%	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.9%	1.1%	1.0%	0.9%	0.8%	0.5%	0.4%	0.7	0.8	0.8	0.8	0.8	0.8	0.9
6	1.0%	1.0%	0.9%	0.8%	0.7%	0.4%	0.3%	0.8	0.7	0.7	0.7	0.7	0.7	0.7
7	1.2%	1.3%	1.2%	1.0%	0.8%	0.5%	0.4%	0.9	0.9	0.9	0.9	0.9	0.9	0.9
8	1.1%	1.2%	1.1%	1.0%	0.8%	0.6%	0.4%	0.9	0.9	0.9	0.8	0.9	0.9	0.9
9	1.3%	1.5%	1.3%	1.3%	1.0%	0.7%	0.4%	1.0	1.0	1.0	1.1	1.1	1.1	1.0
10	1.4%	1.4%	1.3%	1.2%	1.0%	0.7%	0.5%	1.1	1.0	1.0	1.0	1.1	1.2	1.2
11	1.1%	1.2%	1.1%	1.1%	0.8%	0.5%	0.4%	0.9	0.9	0.9	0.9	0.9	0.8	0.8
12	1.4%	1.5%	1.4%	1.2%	0.8%	0.6%	0.4%	1.1	1.1	1.1	1.0	0.9	0.9	0.9
13	2.1%	2.4%	2.3%	2.0%	1.4%	0.9%	0.6%	1.6	1.7	1.7	1.7	1.6	1.4	1.3
14	2.2%	2.6%	2.4%	2.1%	1.5%	1.0%	0.7%	1.7	1.8	1.9	1.8	1.7	1.6	1.5
15	2.2%	2.5%	2.3%	2.3%	1.5%	0.8%	0.5%	1.7	1.8	1.8	2.0	1.7	1.3	1.1
16	2.1%	2.8%	2.6%	2.8%	2.2%	1.1%	1.0%	1.7	2.0	2.0	2.4	2.4	1.8	2.1
17	1.5%	1.5%	1.4%	1.2%	0.8%	0.5%	0.3%	1.2	1.0	1.1	1.0	0.9	0.7	0.7
18	1.9%	2.0%	1.9%	1.5%	1.3%	1.0%	0.9%	1.4	1.4	1.5	1.3	1.4	1.6	2.0
19	2.4%	2.4%	2.0%	2.1%	1.5%	0.9%	0.6%	1.9	1.7	1.6	1.8	1.6	1.5	1.4
20	3.1%	3.5%	3.4%	3.1%	2.2%	1.9%	1.6%	2.4	2.5	2.6	2.7	2.4	3.0	3.5
21	2.5%	3.3%	3.6%	3.1%	2.0%	1.1%	0.6%	2.0	2.4	2.8	2.7	2.2	1.7	1.3
22	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.5%	1.5%	1.5%	1.3%	0.9%	0.6%	0.3%	1.2	1.1	1.2	1.1	1.0	0.9	0.7
24	1.4%	1.3%	1.2%	1.1%	1.0%	0.6%	0.5%	1.1	1.0	1.0	0.9	1.1	1.0	1.0
25	1.2%	1.3%	1.1%	0.8%	0.7%	0.5%	0.3%	1.0	0.9	0.8	0.7	0.8	0.7	0.7
26	2.1%	2.2%	1.9%	1.7%	1.1%	0.6%	0.4%	1.6	1.6	1.5	1.5	1.2	1.0	0.9
27	0.5%	0.6%	0.5%	0.5%	0.4%	0.3%	0.2%	0.4	0.4	0.4	0.4	0.4	0.4	0.4
40	1.1%	1.2%	1.5%	1.3%	1.0%	0.5%	0.4%	0.9	0.9	1.2	1.1	1.1	0.9	1.0
41	0.9%	1.0%	1.0%	0.9%	0.8%	0.7%	0.4%	0.7	0.7	0.8	0.8	0.9	1.1	0.9
42	1.6%	1.4%	1.3%	1.2%	0.9%	0.7%	0.5%	1.3	1.0	1.0	1.0	1.0	1.1	1.1
43	0.9%	1.0%	1.0%	1.2%	1.3%	0.8%	0.5%	0.7	0.7	0.8	1.0	1.4	1.3	1.1
44	1.9%	2.7%	2.5%	2.0%	2.1%	1.4%	0.7%	1.5	1.9	2.0	1.7	2.3	2.3	1.6
45	1.6%	2.4%	2.4%	2.4%	2.0%	1.2%	0.9%	1.3	1.7	1.9	2.1	2.1	2.0	2.0
99	0.4%	0.5%	0.5%	0.4%	0.3%	0.7%	0.2%	0.3	0.3	0.3	0.4	0.3	1.1	0.4
Tot	1.0%	1.1%	1.0%	0.9%	0.7%	0.5%	0.3%	0.8	0.8	0.8	0.8	0.8	0.8	0.8
DOI Terr	1.7%	1.8%	1.8%	1.6%	1.3%	0.9%	0.6%	1.3	1.3	1.4	1.4	1.4	1.4	1.3

Commonwealth Automobile Reinsurers - 4/1/2023 Credit Offer
Residual Market Shares By Merit Rating Group
Merit Rating 00

Rolling 12 Months @ January 00

Rate Class	Residual Market Share			Relative to Statewide Average			Residual Market Share		PDL Exposures	
	Mar-20	Mar-21	Jan-22	Mar-20	Mar-21	Jan-22	Credit Eligible	Non-Credit Eligible	Credit Eligible	Non-Credit Eligible
10	2.12%	1.27%	0.87%	1.23	1.11	1.00	1.62%	0.74%	594	1,534
15	0.92%	0.59%	0.41%	0.53	0.52	0.47	3.02%	0.37%	10	91
17	1.61%	1.17%	0.85%	0.94	1.02	0.98	1.38%	0.46%	472	211
18	0.41%	0.25%	0.17%	0.24	0.22	0.20	0.12%	0.18%	1	66
20	5.76%	4.21%	3.73%	3.35	3.67	4.27	3.77%	2.14%	1,101	15
21	1.42%	0.99%	0.70%	0.82	0.86	0.80	1.05%	0.51%	54	49
25	1.07%	0.87%	0.82%	0.62	0.76	0.93	1.39%	0.77%	68	477
26	0.33%	0.21%	0.15%	0.19	0.18	0.17	0.49%	0.14%	2	87
30	1.57%	0.76%	0.54%	0.91	0.67	0.62	1.08%	0.53%	1	20
M/M	1.52%	1.26%	1.10%	0.88	1.10	1.26	2.32%	0.89%	108	246
Total	1.72%	1.15%	0.87%				2.07%	0.58%	2,411	2,795
PDL Exposure	10,264	6,721	5,206							

Territory	Residual Market Share			Relative to Statewide Average			Residual Market Share		PDL Exposures	
	Mar-20	Mar-21	Jan-22	Mar-20	Mar-21	Jan-22	Credit Eligible	Non-Credit Eligible	Credit Eligible	Non-Credit Eligible
1	0.78%	0.57%	0.44%	0.45	0.50	0.51		0.44%		104
2	0.71%	0.49%	0.36%	0.41	0.43	0.42	1.19%	0.34%	11	103
3	0.84%	0.63%	0.51%	0.49	0.55	0.59	2.92%	0.43%	59	271
4	0.81%	0.52%	0.46%	0.47	0.45	0.53	2.02%	0.42%	23	160
5	1.54%	1.02%	0.90%	0.90	0.89	1.03	3.15%	0.81%	80	494
6	1.13%	0.73%	0.52%	0.66	0.64	0.59	2.86%	0.43%	41	173
7	1.72%	1.23%	0.94%	1.00	1.07	1.08	1.45%	0.83%	116	296
8	1.39%	1.01%	0.84%	0.81	0.88	0.96	1.46%	0.71%	61	139
9	2.00%	1.28%	1.01%	1.16	1.12	1.15	1.88%	0.77%	104	155
10	2.61%	1.70%	1.21%	1.52	1.48	1.39	1.59%	1.11%	40	102
11	1.32%	0.67%	0.56%	0.77	0.58	0.64	0.99%	0.53%	5	45
12	1.74%	1.02%	0.71%	1.01	0.89	0.81	1.13%	0.61%	49	114
13	2.90%	1.77%	1.34%	1.69	1.55	1.53	2.26%	0.97%	209	226
14	3.01%	1.72%	1.21%	1.75	1.50	1.38	1.57%	1.00%	66	74
15	3.26%	1.76%	1.10%	1.90	1.54	1.25	1.52%	0.80%	27	21
16	4.45%	3.13%	1.54%	2.59	2.73	1.76	1.54%	1.45%	44	3
17	1.26%	0.98%	0.81%	0.73	0.85	0.92	1.77%	0.65%	5	10
18	4.48%	2.52%	2.03%	2.60	2.20	2.32	2.14%	1.15%	35	2
19	2.97%	2.12%	1.66%	1.73	1.85	1.90	4.12%	0.99%	17	15
20	4.52%	2.74%	2.71%	2.62	2.39	3.10	2.77%	2.42%	53	10
21	6.85%	4.14%	3.03%	3.98	3.61	3.47	3.32%	0.19%	212	1
22	7.28%	5.07%	3.75%	4.23	4.43	4.29	3.75%		117	
23	1.98%	0.96%	0.67%	1.15	0.84	0.77	1.13%	0.51%	17	22
24	1.82%	0.92%	0.57%	1.06	0.80	0.65	0.65%	0.55%	5	17
25	1.46%	0.99%	0.99%	0.85	0.87	1.14	2.73%	0.69%	8	12
26	2.47%	1.56%	0.92%	1.43	1.36	1.05	1.42%	0.67%	18	17
27	0.67%	0.43%	0.32%	0.39	0.37	0.37	2.18%	0.27%	31	142
40	3.97%	3.46%	2.65%	2.30	3.02	3.03	2.92%	1.02%	77	5
41	2.75%	1.85%	1.32%	1.60	1.61	1.52	1.40%	0.94%	139	18
42	2.72%	2.12%	1.57%	1.58	1.85	1.80	1.73%	0.79%	183	18
43	4.22%	2.78%	1.55%	2.45	2.42	1.77	1.66%	0.62%	129	6
44	4.98%	3.74%	2.68%	2.89	3.26	3.07	2.84%	1.05%	240	9
45	6.08%	3.95%	2.62%	3.53	3.45	3.00	2.72%	1.52%	191	10
99	0.22%	0.51%	0.05%	0.13	0.45	0.06		0.05%		2
Grand Total	1.72%	1.15%	0.87%				2.07%	0.58%	2,411	2,795

