Commonwealth Automobile Reinsurers

101 Arch Street, Suite 400 Boston, Massachusetts 02110
Natalie A. Hubley

## NOTICE OF MEETING

## ACTUARIAL COMMITTEE

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

## WEDNESDAY, MAY 10, 2023, 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. Sarah Clemens - Chair

MAPFRE U.S.A. Corporation

Ms. Kara Boehm
Mr. Glenn Hiltpold
Mr. William Kelley
Mr. Todd Lehmann
Mr. Tiago Prado
Ms. Lynellen Ramirez
Mr. Mark Winier
Ms. Meredith Woodcock
Mr. Joshua Wykle
Mr. Hoo Zhang

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

## AGENDA

AC
22.01 Records of Previous Meeting

The Records of the Actuarial Committee meeting of May 26, 2022 should be read and approved.

### 23.03 CAR Conflict of Interest Policy

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

## AC

### 23.04 Quota Share Credits for Policies Effective April 1, 2024 and Later

The Committee should be prepared to begin discussions relative to quota share credits for policies effective April 1, 2024 and subsequent. Staff has prepared the following exhibits related to the Quota Share Credits to assist the Committee in its credit discussion:

- An analysis of historical residual market shares by rate class and territory. (Docket \#AC23.04, Exhibit \#1)
- An exhibit displaying MAIP exposures and assignments (CAR ID Code 9) by policy effective month. (Docket \#AC23.04, Exhibit \#2)
- A historical summary of credit offers for 2015 - 2023. (Docket \#AC23.04, Exhibit \#3)


## 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
April 27, 2023

## CAR

Commonwealth Automobile Reinsurers
101 Arch Street, Suite 400 Boston, Massachusetts 02110
Natalie A. Hubley
President
www.commauto.com
617-338-4000

MEMORANDUM

To: Actuarial Committee
From: Tim Galligan
Director of Actuarial \& Statistical Services
Date: April 27, 2023
Re: AC 23.04 Exhibit \# 1 - Historical Residual Market Shares

Attached is an analysis of historical residual market shares by rate class (page 2), and territory (pages 3-5) to assist the Committee in its discussion.

The exhibit displays historical "Rolling Twelve Month" residual market shares valued as of March of each year and calculates relativities to the overall statewide average residual market share. The current year uses the most recent data available, March, 2022 - February, 2023. The exhibit also includes a summary of data that is credit eligible vs. non-credit eligible, using the approved credit factors.

The Division of Insurance (DOI) territories shown represent those eleven territories previously noted as areas of interest by the Commissioner of Insurance and include Chelsea (16), Hyde Park (20), Dorchester (21), Roxbury (22), Charlestown and East Boston (26), Holyoke (40), Lowell (41), Springfield (42), Lynn (43), Lawrence (44), and Brockton (45).
Rate
$\frac{\text { Class }}{10}$
15
17
18
20
21
25
26
30
MC/Misc.
Total
Residual Mkt

| "Roll 12" Residual Market Share |  |  |  |  |  |  | Current PDL Exp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |  |
| 1.48\% | 1.39\% | 1.28\% | 0.98\% | 0.63\% | 0.43\% | 0.49\% | 15,646 |
| 0.52\% | 0.50\% | 0.47\% | 0.40\% | 0.28\% | 0.19\% | 0.18\% | 1,850 |
| 2.97\% | 2.56\% | 2.26\% | 2.05\% | 1.48\% | 1.15\% | 1.47\% | 2,358 |
| 1.06\% | 1.01\% | 0.79\% | 0.57\% | 0.34\% | 0.21\% | 0.22\% | 153 |
| 8.18\% | 5.89\% | 5.74\% | 5.86\% | 4.35\% | 3.94\% | 4.89\% | 1,775 |
| 2.92\% | 2.78\% | 2.26\% | 1.59\% | 1.13\% | 0.85\% | 0.87\% | 172 |
| 1.65\% | 1.43\% | 1.30\% | 1.19\% | 0.99\% | 0.86\% | 0.99\% | 698 |
| 0.62\% | 0.56\% | 0.49\% | 0.37\% | 0.24\% | 0.16\% | 0.15\% | 105 |
| 0.87\% | 0.91\% | 0.85\% | 0.63\% | 0.42\% | 0.27\% | 0.30\% | 150 |
| 1.74\% | 1.48\% | 1.23\% | 1.04\% | 0.87\% | 0.72\% | 0.56\% | 1,012 |
| 1.40\% | 1.29\% | 1.17\% | 0.92\% | 0.62\% | 0.44\% | 0.49\% | 23,918 |
| 64,197 | 60,082 | 55,111 | 43,468 | 29,440 | 20,554 | 23,918 |  |


| Relative to Statewide Average |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 $\frac{\text { Mar-18 }}{1.1}$ $\frac{\text { Mar-19 }}{1.1}$ $\frac{\text { Mar-20 }}{1.1}$ $\frac{\text { Mar-21 }}{1.0}$ $\frac{\text { Mar-22 }}{1.0}$ $\frac{\text { Feb-23 }}{1.0}$ <br> 0.4 0.4 0.4 0.4 0.5 0.4 0.4 <br> 2.1 2.0 1.9 2.2 2.4 2.6 3.0 <br> 0.8 0.8 0.7 0.6 0.5 0.5 0.4 <br> 5.8 4.6 4.9 6.4 7.0 9.0 10.0 <br> 2.1 2.2 1.9 1.7 1.8 1.9 1.8 <br> 1.2 1.1 1.1 1.3 1.6 2.0 2.0 <br> 0.4 0.4 0.4 0.4 0.4 0.4 0.3 <br> 0.6 0.7 0.7 0.7 0.7 0.6 0.6 <br> 1.2 1.1 1.1 1.1 1.4 1.6 1.1$\|$ |  |  |  |  |  |  |  |


| DOI Territories Residual Mkt Shr |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 3.6\% | 3.4\% | 3.2\% | 2.3\% | 1.5\% | 1.0\% | 1.2\% |
| 2.1\% | 2.1\% | 2.0\% | 1.7\% | 1.1\% | 0.8\% | 0.7\% |
| 6.4\% | 5.4\% | 4.8\% | 4.4\% | 3.3\% | 2.6\% | 3.2\% |
| 3.0\% | 2.9\% | 1.9\% | 1.1\% | 0.7\% | 0.4\% | 0.5\% |
| 14.9\% | 11.1\% | 10.3\% | 9.4\% | 7.6\% | 6.3\% | 8.4\% |
| 5.3\% | 5.8\% | 3.8\% | 2.8\% | 1.9\% | 1.2\% | 1.7\% |
| 3.6\% | 3.4\% | 3.6\% | 2.9\% | 2.5\% | 1.8\% | 2.2\% |
| 1.6\% | 1.9\% | 1.9\% | 1.5\% | 0.7\% | 0.4\% | 0.5\% |
| 2.2\% | 2.3\% | 2.8\% | 2.0\% | 1.2\% | 0.6\% | 0.9\% |
| 4.2\% | 3.5\% | 2.9\% | 2.5\% | 2.0\% | 1.7\% | 1.2\% |
| 3.7\% | 3.5\% | 3.2\% | 2.4\% | 1.6\% | 1.1\% | 1.3\% |
| 2.7 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 |

## Credit Eligible Exposures

| Relative to Statewide Average |  |  |  |  |  |  | DOI Territories Residual Mkt Shr |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 2.6 | 2.7 | 2.7 | 2.6 | 2.4 | 2.3 | 2.5 | 3.7\% | 3.5\% | 3.2\% | 2.4\% | 1.5\% | 1.0\% | 1.2\% |
| 3.5 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 2.9 | 4.8\% | 4.9\% | 5.0\% | 4.0\% | 2.7\% | 1.9\% | 1.4\% |
| 3.1 | 2.8 | 2.7 | 3.2 | 3.3 | 3.7 | 4.3 | 6.4\% | 5.4\% | 4.8\% | 4.4\% | 3.3\% | 2.6\% | 3.2\% |
| 1.8 | 2.2 | 1.3 | 1.2 | 0.6 | 0.2 | 0.8 | 2.7\% | 2.7\% | 1.4\% | 0.9\% | 0.2\% | 0.1\% | 0.4\% |
| 5.9 | 4.6 | 5.0 | 6.5 | 7.1 | 9.0 | 10.1 | 14.9\% | 11.1\% | 10.3\% | 9.4\% | 7.6\% | 6.3\% | 8.4\% |
| 3.2 | 3.4 | 2.9 | 2.7 | 2.6 | 2.8 | 2.7 | 5.3\% | 5.8\% | 3.8\% | 2.8\% | 1.9\% | 1.2\% | 1.7\% |
| 2.8 | 2.8 | 3.1 | 2.7 | 3.1 | 3.5 | 3.5 | 4.5\% | 4.2\% | 4.3\% | 3.1\% | 2.4\% | 2.0\% | 2.2\% |
| 2.0 | 2.4 | 2.9 | 2.7 | 1.6 | 1.2 | 2.0 | 2.7\% | 3.1\% | 3.4\% | 2.5\% | 1.0\% | 0.5\% | 1.0\% |
| 2.9 | 3.5 | 4.1 | 3.1 | 2.1 | 1.3 | 2.1 | 5.0\% | 5.6\% | 8.7\% | 4.0\% | 2.2\% | 1.4\% | 2.1\% |
| 2.6 | 2.4 | 2.2 | 2.3 | 2.9 | 3.4 | 2.4 | 4.2\% | 3.5\% | 2.9\% | 2.5\% | 2.0\% | 1.7\% | 1.2\% |
| 3.0 | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 | 3.4 | 4.2\% | 3.8\% | 3.5\% | 2.7\% | 1.8\% | 1.3\% | 1.5\% |
|  |  |  |  | Ratio | 0 Statewi | Average | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 | 3.1 |

## Non-Credit Eligible Exposures

| Rate |
| :---: |
| Class |
| 10 |
| 15 |
| 17 |
| 18 |
| 20 |
| 21 |
| 25 |
| 26 |
| 30 |
| MC/Misc. |
|  |
| Total |
|  |
|  |
|  |
|  |
| Rate |
| Class |
| 10 |
| 15 |
| 17 |
| 18 |
| 20 |
| 21 |
| 25 |
| 26 |
| 30 |
| MC/Misc. |
| Total |
|  |
|  |
| Credit / |
| Non-Credit |


| "Roll 12" Residual Market Share |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 1.24\% | 1.17\% | 1.07\% | 0.82\% | 0.53\% | 0.36\% | 0.41\% |
| 0.47\% | 0.45\% | 0.42\% | 0.36\% | 0.25\% | 0.17\% | 0.17\% |
| 1.94\% | 1.71\% | 1.51\% | 1.38\% | 1.02\% | 0.77\% | 0.93\% |
| 1.03\% | 0.97\% | 0.78\% | 0.55\% | 0.34\% | 0.22\% | 0.22\% |
| 3.64\% | 3.05\% | 2.28\% | 2.21\% | 2.82\% | 2.74\% | 2.59\% |
| 2.06\% | 1.87\% | 1.60\% | 1.10\% | 0.86\% | 0.63\% | 0.61\% |
| 1.49\% | 1.30\% | 1.15\% | 1.10\% | 0.92\% | 0.81\% | 0.93\% |
| 0.61\% | 0.55\% | 0.47\% | 0.36\% | 0.23\% | 0.16\% | 0.14\% |
| 0.84\% | 0.87\% | 0.81\% | 0.61\% | 0.41\% | 0.26\% | 0.30\% |
| 1.50\% | 1.28\% | 1.06\% | 0.90\% | 0.75\% | 0.60\% | 0.48\% |
| 1.1\% | 1.0\% | 0.9\% | 0.73\% | 0.49\% | 0.34\% | 0.37\% |
| 3.8 | 3.6 | 3.7 | 3.8 | 3.8 | 4.1 | 4.5 |


| Current |
| ---: |
| PDL Exp |
| 11,618 |
| 1,696 |
| 808 |
| 146 |
| 23 |
| 78 |
| 615 |
| 99 |
| 145 |
| 759 |
|  |
| 15,986 |


| Relative to Statewide Average |  |  |  |  |  |  | DOI Territories Residual Mkt Shr |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 2.3\% | 2.0\% | 1.9\% | 1.2\% | 0.7\% | 0.4\% | 0.5\% |
| 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 1.6\% | 1.6\% | 1.5\% | 1.2\% | 0.8\% | 0.5\% | 0.5\% |
| 1.4 | 1.3 | 1.3 | 1.5 | 1.6 | 1.7 | 1.9 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| 0.7 | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.4 | 3.1\% | 3.0\% | 2.0\% | 1.2\% | 0.8\% | 0.6\% | 0.6\% |
| 2.6 | 2.4 | 1.9 | 2.4 | 4.5 | 6.2 | 5.3 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| 1.5 | 1.4 | 1.4 | 1.2 | 1.4 | 1.4 | 1.2 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| 1.1 | 1.0 | 1.0 | 1.2 | 1.5 | 1.8 | 1.9 | 2.3\% | 2.3\% | 2.6\% | 2.6\% | 2.5\% | 1.4\% | 2.1\% |
| 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 1.4\% | 1.6\% | 1.7\% | 1.3\% | 0.6\% | 0.4\% | 0.4\% |
| 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 2.0\% | 2.0\% | 2.3\% | 1.8\% | 1.1\% | 0.6\% | 0.8\% |
| 1.1 | 1.0 | 0.9 | 1.0 | 1.2 | 1.4 | 1.0 | 4.5\% | 4.0\% | 3.3\% | 2.2\% | 2.4\% | 1.9\% | 1.1\% |
| 0.78 | 0.80 | 0.79 | 0.79 | 0.79 | 0.77 | 0.75 | 1.8\% | 1.8\% | 1.6\% | 1.3\% | 0.9\% | 0.5\% | 0.6\% |
|  |  |  |  | Ratio | o Statew | Average | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.2 | 1.2 |
|  |  |  |  |  | $\begin{gathered} \text { Credit } \\ \text { on-Credit } \end{gathered}$ |  | 2.3 | 2.1 | 2.2 | 2.1 | 2.1 | 2.3 | 2.7 |

All Exposures (Credit Eligible + Non-Credit Eligible)

|  | R12 Residual Market Share |  |  |  |  |  |  | Relative to Statewide Average |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Territory | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 1 | 0.7\% | 0.6\% | 0.6\% | 0.5\% | 0.3\% | 0.2\% | 0.3\% | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 2 | 0.8\% | 0.7\% | 0.6\% | 0.5\% | 0.3\% | 0.2\% | 0.2\% | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 3 | 0.8\% | 0.7\% | 0.7\% | 0.6\% | 0.4\% | 0.3\% | 0.3\% | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.6 |
| 4 | 0.7\% | 0.7\% | 0.6\% | 0.5\% | 0.3\% | 0.2\% | 0.2\% | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 5 | 1.1\% | 1.0\% | 0.9\% | 0.8\% | 0.5\% | 0.4\% | 0.4\% | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 |
| 6 | 1.0\% | 0.9\% | 0.8\% | 0.7\% | 0.5\% | 0.3\% | 0.3\% | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.7 |
| 7 | 1.4\% | 1.3\% | 1.1\% | 0.9\% | 0.6\% | 0.4\% | 0.5\% | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 1.0 | 0.9 |
| 8 | 1.3\% | 1.2\% | 1.0\% | 0.9\% | 0.6\% | 0.4\% | 0.4\% | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 0.9 |
| 9 | 1.6\% | 1.4\% | 1.3\% | 1.1\% | 0.7\% | 0.5\% | 0.6\% | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 |
| 10 | 1.5\% | 1.4\% | 1.3\% | 1.1\% | 0.8\% | 0.6\% | 0.6\% | 1.1 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 |
| 11 | 1.2\% | 1.1\% | 1.1\% | 0.8\% | 0.5\% | 0.4\% | 0.4\% | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 |
| 12 | 1.6\% | 1.4\% | 1.3\% | 0.9\% | 0.6\% | 0.4\% | 0.5\% | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 |
| 13 | 2.6\% | 2.4\% | 2.1\% | 1.6\% | 1.0\% | 0.7\% | 0.9\% | 1.9 | 1.9 | 1.8 | 1.7 | 1.6 | 1.6 | 1.8 |
| 14 | 2.8\% | 2.6\% | 2.3\% | 1.7\% | 1.1\% | 0.7\% | 0.9\% | 2.0 | 2.0 | 2.0 | 1.8 | 1.7 | 1.7 | 1.8 |
| 15 | 2.8\% | 2.6\% | 2.5\% | 1.7\% | 0.9\% | 0.6\% | 0.9\% | 2.0 | 2.0 | 2.1 | 1.8 | 1.5 | 1.4 | 1.7 |
| 16 | 4.0\% | 3.5\% | 3.6\% | 2.5\% | 1.5\% | 1.1\% | 1.3\% | 2.8 | 2.7 | 3.0 | 2.7 | 2.5 | 2.5 | 2.7 |
| 17 | 1.6\% | 1.5\% | 1.2\% | 0.9\% | 0.5\% | 0.4\% | 0.5\% | 1.1 | 1.2 | 1.0 | 1.0 | 0.8 | 0.9 | 0.9 |
| 18 | 3.4\% | 3.0\% | 2.7\% | 1.9\% | 1.2\% | 1.0\% | 1.2\% | 2.4 | 2.3 | 2.3 | 2.1 | 2.0 | 2.3 | 2.4 |
| 19 | 2.7\% | 2.2\% | 2.2\% | 1.6\% | 1.1\% | 0.8\% | 1.0\% | 1.9 | 1.7 | 1.8 | 1.7 | 1.7 | 1.9 | 2.1 |
| 20 | 5.1\% | 4.6\% | 4.0\% | 2.9\% | 1.9\% | 1.5\% | 1.7\% | 3.6 | 3.6 | 3.5 | 3.2 | 3.1 | 3.3 | 3.4 |
| 21 | 6.2\% | 5.7\% | 4.9\% | 3.7\% | 2.4\% | 1.7\% | 1.7\% | 4.4 | 4.4 | 4.2 | 4.0 | 3.8 | 3.8 | 3.5 |
| 22 | 7.5\% | 7.3\% | 6.6\% | 5.0\% | 3.1\% | 2.6\% | 2.9\% | 5.4 | 5.6 | 5.7 | 5.4 | 5.0 | 5.9 | 6.0 |
| 23 | 1.7\% | 1.6\% | 1.4\% | 1.0\% | 0.6\% | 0.4\% | 0.4\% | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 | 0.8 | 0.8 |
| 24 | 1.4\% | 1.3\% | 1.1\% | 1.0\% | 0.6\% | 0.5\% | 0.4\% | 1.0 | 1.0 | 0.9 | 1.1 | 1.0 | 1.1 | 0.8 |
| 25 | 1.5\% | 1.2\% | 0.9\% | 0.8\% | 0.5\% | 0.3\% | 0.3\% | 1.1 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 |
| 26 | 2.5\% | 2.1\% | 1.9\% | 1.3\% | 0.7\% | 0.5\% | 0.6\% | 1.8 | 1.6 | 1.6 | 1.4 | 1.1 | 1.2 | 1.2 |
| 27 | 0.6\% | 0.5\% | 0.5\% | 0.4\% | 0.3\% | 0.2\% | 0.2\% | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 |
| 40 | 2.3\% | 2.9\% | 2.5\% | 2.2\% | 1.7\% | 1.1\% | 1.3\% | 1.7 | 2.2 | 2.2 | 2.4 | 2.7 | 2.4 | 2.6 |
| 41 | 2.7\% | 2.3\% | 2.1\% | 1.6\% | 1.1\% | 0.7\% | 1.0\% | 2.0 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 2.0 |
| 42 | 2.1\% | 1.9\% | 1.8\% | 1.4\% | 1.0\% | 0.7\% | 0.9\% | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 | 1.6 | 1.8 |
| 43 | 2.7\% | 2.6\% | 2.7\% | 2.3\% | 1.4\% | 0.7\% | 0.8\% | 2.0 | 2.0 | 2.3 | 2.4 | 2.2 | 1.7 | 1.7 |
| 44 | 5.0\% | 4.3\% | 3.9\% | 3.4\% | 2.6\% | 1.9\% | 2.5\% | 3.6 | 3.3 | 3.3 | 3.6 | 4.2 | 4.4 | 5.1 |
| 45 | 4.5\% | 4.5\% | 4.4\% | 3.1\% | 2.0\% | 1.3\% | 1.4\% | 3.2 | 3.4 | 3.7 | 3.4 | 3.1 | 3.0 | 2.9 |
| 99 | 0.5\% | 0.5\% | 0.4\% | 0.3\% | 0.7\% | 0.2\% | 0.2\% | 0.3 | 0.3 | 0.4 | 0.3 | 1.1 | 0.4 | 0.4 |
| Tot | 1.4\% | 1.3\% | 1.2\% | 0.9\% | 0.6\% | 0.4\% | 0.5\% |  |  |  |  |  |  |  |
| DOI Terr | 3.7\% | 3.5\% | 3.2\% | 2.4\% | 1.6\% | 1.1\% | 1.3\% | 2.7 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 |


|  | R12 Residual Market Share |  |  |  |  |  |  | Relative to Statewide Average |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Territory | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 | Mar-17 | Mar-18 | Mar-19 | Mar-20 | Mar-21 | Mar-22 | Feb-23 |
| 1 | 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 |
| 2 | 3.3\% | 2.0\% | 2.4\% | 2.8\% | 1.5\% | 1.8\% | 3.2\% | 2.3 | 1.6 | 2.1 | 3.1 | 2.5 | 4.1 | 6.6 |
| 3 | 4.0\% | 3.3\% | 3.2\% | 3.8\% | 3.1\% | 3.3\% | 2.8\% | 2.8 | 2.5 | 2.7 | 4.1 | 5.1 | 7.4 | 5.7 |
| 4 | 3.1\% | 2.2\% | 2.6\% | 2.8\% | 1.3\% | 1.8\% | 2.9\% | 2.2 | 1.7 | 2.2 | 3.0 | 2.2 | 4.1 | 5.8 |
| 5 | 5.4\% | 3.7\% | 4.4\% | 5.5\% | 3.9\% | 3.6\% | 4.2\% | 3.8 | 2.8 | 3.7 | 6.0 | 6.3 | 8.1 | 8.5 |
| 6 | 4.8\% | 3.4\% | 3.3\% | 4.7\% | 3.0\% | 3.0\% | 2.7\% | 3.5 | 2.6 | 2.9 | 5.1 | 4.8 | 6.9 | 5.5 |
| 7 | 3.5\% | 2.5\% | 2.4\% | 2.3\% | 1.5\% | 1.4\% | 1.8\% | 2.5 | 1.9 | 2.0 | 2.5 | 2.4 | 3.1 | 3.7 |
| 8 | 3.4\% | 2.8\% | 2.8\% | 2.5\% | 1.9\% | 1.5\% | 2.0\% | 2.4 | 2.2 | 2.4 | 2.7 | 3.0 | 3.4 | 4.0 |
| 9 | 3.8\% | 3.3\% | 2.7\% | 2.8\% | 2.2\% | 2.1\% | 2.4\% | 2.7 | 2.5 | 2.3 | 3.0 | 3.5 | 4.7 | 4.8 |
| 10 | 3.3\% | 3.0\% | 3.1\% | 2.9\% | 2.2\% | 1.6\% | 2.1\% | 2.4 | 2.3 | 2.6 | 3.2 | 3.5 | 3.7 | 4.3 |
| 11 | 5.1\% | 3.4\% | 3.4\% | 2.7\% | 1.5\% | 1.5\% | 2.3\% | 3.6 | 2.7 | 2.9 | 2.9 | 2.5 | 3.5 | 4.8 |
| 12 | 4.3\% | 3.1\% | 2.7\% | 2.4\% | 1.4\% | 1.4\% | 1.6\% | 3.1 | 2.4 | 2.3 | 2.6 | 2.3 | 3.1 | 3.3 |
| 13 | 5.0\% | 4.0\% | 3.4\% | 3.3\% | 2.2\% | 1.9\% | 2.5\% | 3.5 | 3.1 | 2.9 | 3.5 | 3.6 | 4.3 | 5.2 |
| 14 | 4.9\% | 3.9\% | 4.2\% | 2.9\% | 1.7\% | 1.3\% | 1.6\% | 3.5 | 3.0 | 3.6 | 3.2 | 2.8 | 3.0 | 3.3 |
| 15 | 5.3\% | 5.0\% | 3.8\% | 3.2\% | 2.0\% | 1.5\% | 1.6\% | 3.8 | 3.9 | 3.2 | 3.5 | 3.1 | 3.5 | 3.2 |
| 16 | 4.1\% | 3.6\% | 3.6\% | 2.5\% | 1.6\% | 1.1\% | 1.4\% | 2.9 | 2.8 | 3.1 | 2.7 | 2.6 | 2.5 | 2.8 |
| 17 | 5.8\% | 5.0\% | 3.5\% | 3.7\% | 1.9\% | 2.0\% | 0.8\% | 4.1 | 3.9 | 3.0 | 4.0 | 3.0 | 4.6 | 1.6 |
| 18 | 3.6\% | 3.2\% | 2.9\% | 2.1\% | 1.3\% | 1.1\% | 1.3\% | 2.6 | 2.5 | 2.5 | 2.3 | 2.0 | 2.4 | 2.6 |
| 19 | 9.1\% | 7.2\% | 5.2\% | 4.6\% | 4.0\% | 3.8\% | 4.9\% | 6.5 | 5.6 | 4.4 | 5.0 | 6.4 | 8.5 | 10.0 |
| 20 | 5.4\% | 4.9\% | 4.3\% | 3.1\% | 1.9\% | 1.5\% | 1.8\% | 3.9 | 3.8 | 3.7 | 3.4 | 3.1 | 3.4 | 3.7 |
| 21 | 6.3\% | 5.8\% | 5.0\% | 3.7\% | 2.4\% | 1.7\% | 1.7\% | 4.5 | 4.5 | 4.2 | 4.1 | 3.9 | 3.9 | 3.5 |
| 22 | 7.5\% | 7.3\% | 6.6\% | 5.0\% | 3.1\% | 2.6\% | 2.9\% | 5.4 | 5.6 | 5.7 | 5.4 | 5.0 | 5.9 | 6.0 |
| 23 | 4.4\% | 3.3\% | 2.7\% | 2.6\% | 1.4\% | 1.2\% | 1.5\% | 3.1 | 2.5 | 2.3 | 2.9 | 2.2 | 2.7 | 3.0 |
| 24 | 3.3\% | 2.3\% | 1.3\% | 1.4\% | 0.9\% | 0.7\% | 0.7\% | 2.4 | 1.8 | 1.1 | 1.6 | 1.4 | 1.6 | 1.5 |
| 25 | 6.8\% | 4.2\% | 3.4\% | 2.4\% | 2.6\% | 0.6\% | 1.3\% | 4.9 | 3.3 | 2.9 | 2.7 | 4.1 | 1.3 | 2.7 |
| 26 | 6.7\% | 3.7\% | 3.7\% | 3.0\% | 1.3\% | 1.1\% | 1.7\% | 4.8 | 2.9 | 3.2 | 3.2 | 2.1 | 2.6 | 3.5 |
| 27 | 3.2\% | 3.2\% | 2.3\% | 3.2\% | 2.4\% | 2.0\% | 2.3\% | 2.3 | 2.4 | 2.0 | 3.4 | 3.9 | 4.5 | 4.6 |
| 40 | 2.6\% | 3.2\% | 2.8\% | 2.6\% | 2.0\% | 1.2\% | 1.5\% | 1.9 | 2.5 | 2.4 | 2.8 | 3.2 | 2.8 | 3.0 |
| 41 | 3.0\% | 2.6\% | 2.3\% | 1.7\% | 1.1\% | 0.8\% | 1.1\% | 2.2 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 2.3 |
| 42 | 2.3\% | 2.1\% | 1.9\% | 1.5\% | 1.1\% | 0.8\% | 1.0\% | 1.6 | 1.6 | 1.7 | 1.6 | 1.8 | 1.7 | 2.1 |
| 43 | 3.1\% | 2.8\% | 3.0\% | 2.5\% | 1.5\% | 0.8\% | 0.9\% | 2.2 | 2.2 | 2.6 | 2.7 | 2.4 | 1.8 | 1.9 |
| 44 | 5.3\% | 4.5\% | 4.1\% | 3.5\% | 2.8\% | 2.1\% | 2.7\% | 3.8 | 3.5 | 3.5 | 3.8 | 4.5 | 4.8 | 5.6 |
| 45 | 4.9\% | 4.8\% | 4.8\% | 3.3\% | 2.1\% | 1.5\% | 1.6\% | 3.5 | 3.8 | 4.1 | 3.6 | 3.4 | 3.3 | 3.2 |
| 99 | 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 |
| Tot | 4.2\% | 3.7\% | 3.4\% | 2.7\% | 1.8\% | 1.4\% | 1.7\% | 3.0 | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 | 3.4 |
| DOI Terr | 4.2\% | 3.8\% | 3.5\% | 2.7\% | 1.8\% | 1.3\% | 1.5\% | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 | 3.1 |

Non-Credit Eligible

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

## Actuarial Committee - 4/1/2024 Credit Offer

MAIP Assigned (CAR ID 9) Statistically Reported Exposures By Effective Month
Includes New and Renewal Business
Data Through February, 2023

| Date | $\begin{array}{r} 2019 \\ \text { ID } 9 \end{array}$ | $\begin{array}{r} 2020 \\ \text { ID } 9 \end{array}$ | 2021ID 9 | $2022$ | 2023 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ID 9 | ID 9 | \% Difference |  |  |  |
|  | Exp | Exp | Exp | Exp | Exp | $\underline{20 / 19}$ | $\underline{21 / 20}$ | $22 / 21$ | 23/22 |
| Jan | 3,875 | 3,249 | 2,073 | 1,385 | 2,716 | -16.1\% | -36.2\% | -33.2\% | 96.1\% |
| Feb | 3,944 | 3,169 | 1,786 | 1,289 | 2,667 | -19.6\% | -43.6\% | -27.8\% | 106.8\% |
| Mar | 4,684 | 3,390 | 2,477 | 1,771 |  | -27.6\% | -26.9\% | -28.5\% |  |
| Apr | 4,267 | 2,540 | 1,829 | 1,442 |  | -40.5\% | -28.0\% | -21.1\% |  |
| May | 3,955 | 3,050 | 1,959 | 1,642 |  | -22.9\% | -35.8\% | -16.2\% |  |
| Jun | 3,616 | 2,737 | 1,946 | 1,767 |  | -24.3\% | -28.9\% | -9.2\% |  |
| Jul | 3,419 | 2,511 | 1,702 | 1,698 |  | -26.6\% | -32.2\% | -0.2\% |  |
| Aug | 3,626 | 2,561 | 1,728 | 1,948 |  | -29.4\% | -32.5\% | 12.7\% |  |
| Sep | 3,303 | 2,435 | 1,599 | 1,990 |  | -26.3\% | -34.3\% | 24.5\% |  |
| Oct | 3,464 | 2,356 | 1,575 | 2,034 |  | -32.0\% | -33.1\% | 29.1\% |  |
| Nov | 2,924 | 1,747 | 1,282 | 1,989 |  | -40.3\% | -26.6\% | 55.2\% |  |
| Dec | 2,788 | 1,847 | 1,336 | 2,254 |  | -33.8\% | -27.7\% | 68.7\% |  |
| Total YTD | 43,865 | 31,592 | 21,291 | 21,210 | 5,382 | -28.0\% | -32.6\% | -0.4\% |  |
| Avg Mo | 3,655 | 2,633 | 1,774 | 1,767 | 2,691 | -28.0\% | -32.6\% | -0.4\% | 52.3\% |
| Total Mkt |  |  |  |  |  |  |  |  |  |
| Exp | 4,686,073 | 4,738,078 | 4,711,667 | 4,876,248 | 836,355 | 1.1\% | -0.6\% | 3.5\% |  |
| Res Mkt |  |  |  |  |  |  |  |  |  |
| Shr | 0.9\% | 0.7\% | 0.5\% | 0.4\% | 0.6\% | -28.8\% | -32.2\% | -3.7\% | 48.0\% |
| Through |  |  |  |  |  |  |  |  |  |
| February | 7,819 | 6,418 | 3,859 | 2,675 | 5,382 | -17.9\% | -39.9\% | -30.7\% | 101.2\% |

## Actuarial Committee-4/1/2024 Credit Offer MAIP Assignments By Effective Month <br> January-March Policy Effective Month Assignments as of 4/26/2023

| Date | 2019 <br> Assignment <br> Count | $2020$ <br> Assignment <br> Count | $2021$ <br> Assignment Count | 2022 <br> Assignment <br> Count | 2023 <br> Assignment <br> Count | \% Difference |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | $\underline{\mathbf{2 0 / 1 9}}$ | 21/20 | 22/21 | $\underline{23 / 22}$ |
| Jan | 2,553 | 1,973 | 912 | 762 | 2,155 | -22.7\% | -53.8\% | -16.4\% | 182.8\% |
| Feb | 2,635 | 2,035 | 807 | 787 | 2,296 | -22.8\% | -60.3\% | -2.5\% | 191.7\% |
| Mar | 3,243 | 1,886 | 1,433 | 1,157 | 3,262 | -41.8\% | -24.0\% | -19.3\% | 181.9\% |
| Apr | 2,957 | 1,094 | 1,207 | 1,093 |  | -63.0\% | 10.3\% | -9.4\% |  |
| May | 2,661 | 1,910 | 1,093 | 1,173 |  | -28.2\% | -42.8\% | 7.3\% |  |
| Jun | 2,361 | 1,716 | 1,212 | 1,274 |  | -27.3\% | -29.4\% | 5.1\% |  |
| Jul | 2,180 | 1,496 | 1,079 | 1,295 |  | -31.4\% | -27.9\% | 20.0\% |  |
| Aug | 2,334 | 1,446 | 1,065 | 1,527 |  | -38.0\% | -26.3\% | 43.4\% |  |
| Sep | 2,163 | 1,358 | 955 | 1,532 |  | -37.2\% | -29.7\% | 60.4\% |  |
| Oct | 2,147 | 1,196 | 946 | 1,603 |  | -44.3\% | -20.9\% | 69.5\% |  |
| Nov | 1,830 | 878 | 844 | 1,643 |  | -52.0\% | -3.9\% | 94.7\% |  |
| Dec | 1,651 | 835 | 798 | 1,843 |  | -49.4\% | -4.4\% | 131.0\% |  |
| Total YTD | 28,715 | 17,823 | 12,351 | 15,689 | 7,713 | -37.9\% | -30.7\% | 27.0\% |  |
| Avg Mo | 2,393 | 1,485 | 1,029 | 1,307 | 2,571 | -37.9\% | -30.7\% | 27.0\% | 96.6\% |
| Through |  |  |  |  |  |  |  |  |  |
| March | 8,431 | 5,894 | 3,152 | 2,706 | 7,713 | -30.1\% | -46.5\% | -14.1\% | 185.0\% |

## Actuarial Committee

Historical Summary of Credit Offers 2015-2023

| April 1, 2015 Credit Offer |  | April 1, 2016 <br> Recommendation ${ }^{(1)}$ |  | April 1, 2017 <br> Formula ${ }^{(2)}$ |  | April 1, 2018 <br> Recommendation ${ }^{(3)}$ |  | April 1, 2019 <br> Recommendation ${ }^{(4)}$ |  | 2020-2023 <br> No Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\text { Rolling } 12 \text { at } \frac{\mathrm{PY}}{12}$ | Res Mkt |  | Res Mkt |  | Res Mkt |  | Res Mkt |  | Res Mkt |  | Res Mkt |
|  | Share | PY | Share | PY | Share | PY | Share | PY | Share | PY | Share |
|  | 2.71\% | 8/13 | 2.29\% | 8/14 | 1.68\% | 8/15 | 1.32\% | 8/16 | 1.35\% | 8/19 | 1.17\% |
| 8/13 | 2.29\% | 8/14 | 1.68\% | 8/15 | 1.32\% | 8/16 | 1.35\% | 8/17 | 1.37\% | 8/20 | 0.80\% |
| 8/14 | 1.68\% | 8/15 | 1.32\% | 8/16 | 1.35\% | 8/17 | 1.37\% | 8/18 | 1.25\% | 8/21 | 0.54\% |
|  |  |  |  |  |  |  |  |  |  | 8/22 | 0.42\% |
| ID 9Tot Mkt | Expos |  | Expos |  | Expos |  | Expos |  | Expos | 2/23 | 0.49\% |
|  | 74,608 | ID 9 | 59,398 | ID 9 | 61,655 | ID 9 | 63,106 | ID 9 | 58,891 |  |  |
|  | 4,446,849 | Tot Mkt | 4,492,202 | Tot Mkt | 4,579,275 | Tot Mkt | 4,589,968 | Tot Mkt | 4,695,773 | PY | ID 9 Expos |
|  |  |  |  |  |  |  |  |  |  | 8/19 | 55,090 |
| Potential Cred Eligible Exp |  | Potential Cred |  | Potential Cred |  | Potential Cred |  | Potential Cred |  | 8/20 | 38,192 |
|  | 419,049 | Eligible Exp | 332,145 | Eligible Exp | 97,706 | Eligible Exp | 374,077 | Eligible Exp | 465,341 | 8/21 | 25,332 |
| \% Total | 9.4\% | \% Total | 7.4\% | \% Total | 2.1\% | \% Total | 8.1\% | \% Total | 9.9\% | 8/22 | 19,871 |
|  |  |  |  |  |  |  |  |  |  | $2 / 23$ | 23,918 |
| Potential Prem | 705.8 M | Potential Prem | 565.6 M | Potential Prem | 251.7 M | Potential Prem | 730.4 M | Potential Prem | 799.3 M |  |  |
|  |  |  |  |  |  |  |  |  |  | PY | Tot Mkt Expos |
| Approved $\Delta$ : <br> $\Delta$ Exposures $\Delta$ Premium |  | Formulaic $\Delta$ : |  | Formulaic $\Delta$ : |  | "Indexed" $\Delta$ : |  | "Allstate" $\Delta$ : |  | 8/19 | 4,721,918 |
|  | -9.9\% | $\Delta$ Exposures | -73.7\% | $\Delta$ Exposures | -77.9\% | $\Delta$ Exposures | -18.2\% | $\Delta$ Exposures | 0.2\% | 8/20 | 4,745,691 |
|  | -10.7\% | $\Delta$ Premium | -64.1\% | $\Delta$ Premium | -69.3\% | $\Delta$ Premium | -13.8\% | $\Delta$ Premium | -15.5\% | 8/21 | 4,681,864 |
|  |  |  |  |  |  |  |  |  |  | 8/22 | 4,768,107 |
| \% Cells With Credit | 127 | \# Cells With Credit | 127 | \# Cells With Credit | 56 | \# Cells With Credit | 131 | \# Cells With Credit | 129 | 2/23 | 4,850,810 |
|  |  | Recommended $\Delta$ : |  | Recommended $\Delta$ : |  | GC Decision: |  | GC Decision: |  | AC Recommendation and GC Decision: No Change |  |
|  |  | $\Delta$ Exposures | -22.6\% |  |  |  |  |  |  |  |  |
|  |  | $\Delta$ Premium | -22.4\% | ${ }^{(2)}$ No Change from 4/1/2015 |  | ${ }^{(3)}$ No Change from 4/1/2015 |  | ${ }^{(4)}$ DOI Disapproved and Directed the use of the April 1, 2015 Credit |  |  |  |
|  |  | ${ }^{(1)}$ DOI Disapproved and Directed the use of the April 1, 2015 Credit |  |  |  |  |  | Factors. |  |  |  |

