

WCRIBMA
 THE WORKERS' COMPENSATION RATING
 AND INSPECTION BUREAU OF MASSACHUSETTS

Administrator
Massachusetts Assigned Risk Pool

November 10, 2021

**MASSACHUSETTS WORKERS' COMPENSATION
 ASSIGNED RISK POOL**

SPECIAL BULLETIN NO. 11-21

2020 VOLUNTARY ASSESSABLE PREMIUM

The Calendar Year 2020 Voluntary Assessable Premium Bases have been finalized. They are as follows:

Total Voluntary Assessable Premium Basis - Used to Determine Shares of the PY 2020 Residual Market:	\$1,179,365,256
Total Voluntary Assessable Premium Basis - Used to Determine Shares of the PY 2020 Reinsurance Pool Result:	\$509,955,374

The above figures were arrived at from reported Calendar Year 2020 values as follows:

**VOLUNTARY ASSESSABLE PREMIUM (VAP) BASIS –
 USED TO DETERMINE SHARES OF THE RESIDUAL MARKET**

**Calculation of Voluntary Assessable Premium Basis –
 Used to Determine Shares of the PY 2020 Residual Market**

Direct Written Premium ¹	\$1,221,921,448
Premium for National Defense Projects ²	- \$54,611
Residual Market Premium ³	- \$218,639,584
Take Out Credits	- \$43,579,434
Premium for Large Deductible Policies Reported on the Annual Statement ⁴	- \$82,068,378
Standard Premium + ARAP for Large Deductible Policies ⁵	+ \$299,558,441
Adjustment for Carriers with Negative Premium ⁶	+ \$2,227,374
VAP Basis - Used to Determine Shares of the Residual Market	\$1,179,365,256

¹ From Calendar Year 2020 Annual Statement, Exhibit of Premiums and Losses, Column 1, Line 16.
² From Massachusetts Call #5B, Column 3
³ Consists of \$99,302,986 in Servicing Carrier Premium and \$119,336,598 in VDAC Premium.
⁴ From Massachusetts Call #5B, Column 5.
⁵ From Massachusetts Call #5A, Column 1 + Column 2.
⁶ Carriers showing a calculated voluntary assessable premium less than zero have had their voluntary assessable premium adjusted to equal zero.

Each carrier’s Assignment Ratio (prior to adjusting for the VDAC Program) is its voluntary assessable premium divided by the above total. This ratio is the share of the total Residual Market for Policy Year 2020 for which that carrier is responsible and is used to calculate the assignment quotas for Voluntary Direct Assignment and Servicing Carriers.

**VOLUNTARY ASSESSABLE PREMIUM (VAP) BASIS –
USED TO DETERMINE SHARES OF THE REINSURANCE POOL RESULTS**

During 2020, eight carriers accepted direct assignments in order to satisfy their assessment obligations to the Pool. Each of these eight VDAC carrier groups had their voluntary assessable premium set equal to zero. Pool Participation Ratios, used for allocating the results of the Reinsurance Pool, are based on voluntary assessable premium adjusted for VDAC carriers. This is calculated as follows:

***Calculation of Voluntary Assessable Premium Basis –
Used to Determine Shares of the PY 2020 Reinsurance Pool Result***

<i>VAP Basis - Used to Determine Shares of the Residual Market</i>	<i>\$1,179,365,256</i>
<i>VAP for VDAC Carrier Groups</i>	<i>- \$669,409,882</i>
<i>VAP Basis – Used to Determine Shares of the Reinsurance Pool Results</i>	<i>\$509,955,374</i>

Each non-VDAC carrier’s Pool Participation Ratio (after adjusting for the VDAC carriers) is its voluntary assessable premium divided by the above total. This ratio is the share of the Reinsurance Pool Results for Policy Year 2020 for which that carrier is responsible.

VDAC REAPPORTIONMENT

Since assignments must be made during the current policy year and since the VDACs’ percentages for policy year 2020 were not yet available, the most recent available percentages (based on 2018 and 2019 data) were used to make assignments. Therefore, VDACs were not assigned their exact share of the residual market. For example, in 2020 VDACs were not assigned exactly 57% (= \$669,409,882/\$1,179,365,256) of Policy Year 2020 residual market premium.

The purpose of the VDAC Reapportionments is to correct for over or under assignments to VDACs. Article VII of the VDAC Program provides for an *optional* Intermediate Reapportionment of pool shares to be made within two years of the beginning of the policy year, and for a Final Reapportionment of pool shares, to be completed on all policy years including those policy years for which an Intermediate Reapportionment was completed, within three years of the beginning of the policy year. Upon completion of those reapportionments, individual VDACs will be given small positive or negative Pool Participation Ratios.

For policy year 2020, the VDACs’ collective share of the residual market will be adjusted to their exact share based on PY data as of 12/31/21, which is currently estimated to be 57%. Similarly, non-VDACs will have their Pool Participation Ratios adjusted slightly to bring their share of the residual market to that which remains after adjusting the VDAC’s market share. Each VDAC reapportionment will result in an adjustment to the Pool Participation Ratios and a cash adjustment. If conducted, the optional Intermediate VDAC Reapportionment for policy year 2020 will be reflected in NCCI’s Fourth Quarter 2021 Massachusetts Pool Statements. The Final VDAC Reapportionment for policy year 2020 will be reflected in NCCI’s Fourth Quarter 2022 Massachusetts Pool Statements.

Exhibit 1 summarizes the finalized 1994 through 2020 VDAC shares of the Residual Market and shows the target percentages for 2021 and 2022 VDACS based on 2020 data.

Exhibit 2 summarizes the Take-Out Credits that were used to determine the voluntary assessable premium for Calendar Year 2020. The total Calendar Year 2020 Take-Out Credit was approximately \$43.5 million.

If you have any questions, please contact me at (617) 646-7544 or ccronin@wcribma.org.

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SB 11-21
Attachments

VDAC Share Summary		
Policy Year	Number of VDACS	VDACS' Quota of A/R Premium
1994	3	8%
1995	7	20%
1996	10	48%
1997	12	62%
1998	12	62%
1999	14	62%
2000	13	61%
2001	14	67%
2002	12	71%
2003	10	65%
2004	9	60%
2005	8	63%
2006	7	62%
2007	7	60%
2008	9	70%
2009	9	67%
2010	9	65%
2011	10	72%
2012	8	55%
2013	8	53%
2014	8	53%
2015	8	53%
2016	8	55%
2017	8	54%
2018	8	55%
2019	8	57%
2020	8	57%
2021	8	57% (target)
2022	8	57% (target)

**Massachusetts Workers Compensation
Calendar Year 2020
Take-Out Credit Summary**

Policy Year	Year of Credit	Policy Count	Calendar Year Written Premium	Take-Out Credit
2020†	1	1,514	16,223,228	16,057,301
	2	1,458	13,801,906	13,747,082
	3	1,094	11,707,230	10,965,568
	Total	4,066	41,732,364	40,769,951
2019*	1	1,142	1,143,963	1,014,510
	2	816	2,180,798	1,450,546
	3	680	421,837	363,633
	Total	2,638	3,746,598	2,828,689
2018*	1	530	318,946	306,091
	2	492	(620,584)	(265,974)
	3	343	(108,497)	(7,275)
	Total	1,365	(410,135)	32,842
2017*	1	15	(75,568)	(1,537)
	2	14	(57,529)	(39,563)
	3	7	(5,670)	(10,948)
	Total	36	(138,767)	(52,048)
GRAND TOTALS		8,105	44,930,060	43,579,434

† For policies listed under PY 2020:

- Year of Credit 1 are policies that were initially removed in 2020;
- Year of Credit 2 are policies that were initially removed in 2019 and are receiving a 2nd year credit in 2020; and
- Year of Credit 3 are policies that were initially removed in 2018 and receiving a 3rd year credit in 2020.

* The data shown for PYs 2019, 2018 and 2017 includes policies for which carriers have received take-out credits in prior years and whose premiums and resulting take-out credits have been adjusted during 2020 as a result of a payroll audit, in accordance with the approved Take-Out Credit Program. The Calendar Year Written Premium displayed in this exhibit for PYs 2019, 2018 and 2017 is the difference between this year's and last year's premiums.

Since the Take-Out Credit Program allows for no more than thirty-six months of credit, the 2017 adjustments only include those policies where a 2017 audit was revised in 2020, and the tail end of the policy's 36-month credit period falls within 2020.