

MEMBERSELECT INSURANCE COMPANY - MICHIGAN

A. RATING INFORMATION

Exhibit	Description
1	Coverage Base Rates Private Passenger and Utility Antique Vehicles Motor Home Travel and Utility Trailer Snowmobile Miscellaneous Vehicles Extra Equipment Coverage
2	AAADrive Household Discount Support
3	Payment Discount Factors and Support
4	Indicated Rate Change by Coverage
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**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Exhibit 1
Page 1 of 7

Effective: August 1, 2019 New and Renewal

**Coverage Base Rates
Private Passenger and Utility**

Coverage	Current	Revised
Bodily Injury	\$495.24	\$496.87
Property Damage	\$104.08	\$104.42
Property Protection Insurance	\$117.65	\$121.34
Personal Injury Protection	\$17,829.33	\$18,384.73
Collision	\$883.11	\$903.97
Comprehensive	\$403.00	\$404.30
Uninsured Motorists	\$4.92	\$4.94
Underinsured Motorists	\$1.37	\$1.38
Car Rental	\$27.89	\$28.55

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

**Coverage Base Rates
Antique Vehicles**

Coverage	Current	Revised
Bodily Injury	20.91	20.99
Property Damage	4.20	4.21
Property Protection Insurance	16.08	16.60
Personal Injury Protection	1087.97	1122.60
Uninsured Motorists	2.69	2.70
Underinsured Motorists	1.49	1.50

Collision Base by Value and Deductible

Appraised Value	Current					Revised				
	Broad				Limited	Broad				Limited
	100	250	500	750		100	250	500	750	
1-1000	\$ 63.59	\$ 54.07	\$ 47.71	\$ 41.41	\$ 19.70	\$ 65.13	\$ 55.38	\$ 48.86	\$ 42.41	\$ 20.18
1001-2000	\$ 84.75	\$ 72.03	\$ 63.59	\$ 55.15	\$ 26.26	\$ 86.80	\$ 73.77	\$ 65.13	\$ 56.48	\$ 26.90
2001-3000	\$ 105.98	\$ 90.14	\$ 79.53	\$ 68.85	\$ 32.88	\$ 108.54	\$ 92.32	\$ 81.45	\$ 70.52	\$ 33.68
3001-4000	\$ 127.17	\$ 108.13	\$ 95.39	\$ 82.58	\$ 39.46	\$ 130.25	\$ 110.75	\$ 97.70	\$ 84.58	\$ 40.41
4001-5000	\$ 141.23	\$ 120.09	\$ 105.90	\$ 91.84	\$ 43.79	\$ 144.65	\$ 123.00	\$ 108.46	\$ 94.06	\$ 44.85
5001-6000	\$ 162.49	\$ 138.15	\$ 121.87	\$ 105.66	\$ 50.36	\$ 166.42	\$ 141.49	\$ 124.82	\$ 108.22	\$ 51.58
6001-7000	\$ 176.56	\$ 150.09	\$ 132.42	\$ 114.74	\$ 54.68	\$ 180.83	\$ 153.72	\$ 135.62	\$ 117.52	\$ 56.00
7001-8000	\$ 190.72	\$ 162.14	\$ 143.05	\$ 123.99	\$ 59.12	\$ 195.33	\$ 166.06	\$ 146.51	\$ 126.99	\$ 60.55
8001-9000	\$ 197.73	\$ 168.10	\$ 148.29	\$ 128.54	\$ 61.23	\$ 202.51	\$ 172.17	\$ 151.88	\$ 131.65	\$ 62.71
9001-10,000	\$ 204.81	\$ 174.10	\$ 153.61	\$ 133.08	\$ 63.49	\$ 209.77	\$ 178.31	\$ 157.33	\$ 136.30	\$ 65.03
10,001-11,000	\$ 211.86	\$ 180.16	\$ 158.89	\$ 137.72	\$ 65.69	\$ 216.99	\$ 184.52	\$ 162.73	\$ 141.05	\$ 67.28
11,001-12,000	\$ 218.98	\$ 186.15	\$ 164.29	\$ 142.37	\$ 67.94	\$ 224.28	\$ 190.65	\$ 168.27	\$ 145.81	\$ 69.58
12,001-13,000	\$ 226.05	\$ 192.12	\$ 169.56	\$ 146.92	\$ 70.02	\$ 231.52	\$ 196.77	\$ 173.66	\$ 150.48	\$ 71.71
13,001-14,000	\$ 233.05	\$ 198.14	\$ 174.75	\$ 151.49	\$ 72.24	\$ 238.69	\$ 202.93	\$ 178.98	\$ 155.16	\$ 73.99
14,001-15,000	\$ 240.11	\$ 204.14	\$ 180.16	\$ 156.15	\$ 74.46	\$ 245.92	\$ 209.08	\$ 184.52	\$ 159.93	\$ 76.26
15,001-16,000	\$ 247.22	\$ 210.10	\$ 185.42	\$ 160.65	\$ 76.59	\$ 253.20	\$ 215.18	\$ 189.91	\$ 164.54	\$ 78.44
16,001-17,000	\$ 254.27	\$ 216.11	\$ 190.72	\$ 165.33	\$ 78.80	\$ 260.42	\$ 221.34	\$ 195.33	\$ 169.33	\$ 80.71
17,001-18,000	\$ 261.41	\$ 222.13	\$ 195.99	\$ 169.88	\$ 81.03	\$ 267.74	\$ 227.50	\$ 200.73	\$ 173.99	\$ 82.99
18,001-19,000	\$ 268.39	\$ 228.08	\$ 201.28	\$ 174.41	\$ 83.16	\$ 274.88	\$ 233.60	\$ 206.15	\$ 178.63	\$ 85.17
19,001-20,000	\$ 275.46	\$ 234.12	\$ 206.57	\$ 179.09	\$ 85.38	\$ 282.13	\$ 239.79	\$ 211.57	\$ 183.42	\$ 87.45
Each Add'l 1,000	+7.08	+6.02	+5.29	+4.65	+2.25	+7.25	+6.17	+5.42	+4.76	+2.30

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Antique Comprehensive Base Rates by Value System

Appraised Value	Current							
	No Full Glass				Full Glass			
	100	250	500	750	100	250	500	750
1-1000	\$ 49.10	\$ 40.95	\$ 32.74	\$ 26.19	\$ 61.88	\$ 56.47	\$ 45.51	\$ 38.23
1001-2000	\$ 67.53	\$ 56.23	\$ 44.97	\$ 35.99	\$ 85.13	\$ 77.61	\$ 62.48	\$ 52.58
2001-3000	\$ 86.02	\$ 71.73	\$ 57.28	\$ 45.79	\$ 108.37	\$ 98.99	\$ 79.62	\$ 66.88
3001-4000	\$ 104.27	\$ 86.90	\$ 69.48	\$ 55.64	\$ 131.43	\$ 119.90	\$ 96.59	\$ 81.24
4001-5000	\$ 122.61	\$ 102.25	\$ 81.83	\$ 65.48	\$ 154.50	\$ 141.07	\$ 113.76	\$ 95.59
5001-6000	\$ 153.41	\$ 127.84	\$ 102.25	\$ 81.83	\$ 193.30	\$ 176.37	\$ 142.12	\$ 119.49
6001-7000	\$ 165.63	\$ 138.08	\$ 110.39	\$ 88.38	\$ 208.68	\$ 190.51	\$ 153.45	\$ 129.02
7001-8000	\$ 177.97	\$ 148.36	\$ 118.60	\$ 94.94	\$ 224.26	\$ 204.75	\$ 164.86	\$ 138.60
8001-9000	\$ 190.17	\$ 158.47	\$ 126.77	\$ 101.49	\$ 239.59	\$ 218.66	\$ 176.21	\$ 148.14
9001-10,000	\$ 199.38	\$ 166.21	\$ 132.89	\$ 106.39	\$ 251.21	\$ 229.35	\$ 184.69	\$ 155.36
10,001-11,000	\$ 208.61	\$ 173.96	\$ 139.11	\$ 111.30	\$ 262.88	\$ 240.06	\$ 193.40	\$ 162.48
11,001-12,000	\$ 217.83	\$ 181.53	\$ 145.22	\$ 116.19	\$ 274.45	\$ 250.49	\$ 201.89	\$ 169.67
12,001-13,000	\$ 227.05	\$ 189.13	\$ 151.35	\$ 121.13	\$ 286.09	\$ 260.97	\$ 210.34	\$ 176.81
13,001-14,000	\$ 236.28	\$ 196.85	\$ 157.43	\$ 126.00	\$ 297.72	\$ 271.65	\$ 218.80	\$ 183.99
14,001-15,000	\$ 245.50	\$ 204.62	\$ 163.67	\$ 130.94	\$ 309.33	\$ 282.34	\$ 227.52	\$ 191.15
15,001-16,000	\$ 254.71	\$ 212.34	\$ 169.77	\$ 135.85	\$ 320.96	\$ 293.02	\$ 235.99	\$ 198.32
16,001-17,000	\$ 263.99	\$ 219.90	\$ 176.06	\$ 140.74	\$ 332.61	\$ 303.48	\$ 244.72	\$ 205.51
17,001-18,000	\$ 273.01	\$ 227.51	\$ 181.99	\$ 145.67	\$ 344.03	\$ 313.95	\$ 252.97	\$ 212.67
18,001-19,000	\$ 282.26	\$ 235.26	\$ 188.24	\$ 150.57	\$ 355.64	\$ 324.65	\$ 261.64	\$ 219.85
19,001-20,000	\$ 291.49	\$ 242.97	\$ 194.36	\$ 155.47	\$ 367.29	\$ 335.34	\$ 270.13	\$ 227.01
Each Add'l 1,000	+9.20	+7.72	+6.10	+4.93	+11.61	+10.65	+8.46	+7.15

Appraised Value	Revised							
	No Full Glass				Full Glass			
	100	250	500	750	100	250	500	750
1-1000	\$ 49.30	\$ 41.11	\$ 32.87	\$ 26.30	\$ 62.13	\$ 56.70	\$ 45.69	\$ 38.38
1001-2000	\$ 67.80	\$ 56.46	\$ 45.15	\$ 36.13	\$ 85.47	\$ 77.92	\$ 62.73	\$ 52.79
2001-3000	\$ 86.37	\$ 72.02	\$ 57.51	\$ 45.97	\$ 108.81	\$ 99.39	\$ 79.94	\$ 67.15
3001-4000	\$ 104.69	\$ 87.25	\$ 69.76	\$ 55.86	\$ 131.96	\$ 120.38	\$ 96.98	\$ 81.57
4001-5000	\$ 123.10	\$ 102.66	\$ 82.16	\$ 65.74	\$ 155.12	\$ 141.64	\$ 114.22	\$ 95.97
5001-6000	\$ 154.03	\$ 128.35	\$ 102.66	\$ 82.16	\$ 194.08	\$ 177.08	\$ 142.69	\$ 119.97
6001-7000	\$ 166.30	\$ 138.63	\$ 110.83	\$ 88.74	\$ 209.52	\$ 191.28	\$ 154.07	\$ 129.54
7001-8000	\$ 178.68	\$ 148.96	\$ 119.08	\$ 95.32	\$ 225.16	\$ 205.57	\$ 165.52	\$ 139.16
8001-9000	\$ 190.93	\$ 159.11	\$ 127.28	\$ 101.90	\$ 240.55	\$ 219.54	\$ 176.92	\$ 148.74
9001-10,000	\$ 200.18	\$ 166.88	\$ 133.42	\$ 106.82	\$ 252.22	\$ 230.27	\$ 185.43	\$ 155.98
10,001-11,000	\$ 209.45	\$ 174.66	\$ 139.67	\$ 111.75	\$ 263.94	\$ 241.02	\$ 194.18	\$ 163.13
11,001-12,000	\$ 218.71	\$ 182.26	\$ 145.80	\$ 116.66	\$ 275.55	\$ 251.50	\$ 202.70	\$ 170.35
12,001-13,000	\$ 227.96	\$ 189.89	\$ 151.96	\$ 121.62	\$ 287.24	\$ 262.02	\$ 211.18	\$ 177.52
13,001-14,000	\$ 237.23	\$ 197.64	\$ 158.06	\$ 126.51	\$ 298.92	\$ 272.74	\$ 219.68	\$ 184.73
14,001-15,000	\$ 246.49	\$ 205.44	\$ 164.33	\$ 131.47	\$ 310.57	\$ 283.47	\$ 228.43	\$ 191.92
15,001-16,000	\$ 255.73	\$ 213.19	\$ 170.45	\$ 136.40	\$ 322.25	\$ 294.20	\$ 236.94	\$ 199.12
16,001-17,000	\$ 265.05	\$ 220.78	\$ 176.77	\$ 141.31	\$ 333.95	\$ 304.70	\$ 245.70	\$ 206.34
17,001-18,000	\$ 274.11	\$ 228.42	\$ 182.72	\$ 146.26	\$ 345.41	\$ 315.21	\$ 253.99	\$ 213.52
18,001-19,000	\$ 283.39	\$ 236.21	\$ 189.00	\$ 151.17	\$ 357.07	\$ 325.95	\$ 262.69	\$ 220.73
19,001-20,000	\$ 292.66	\$ 243.95	\$ 195.14	\$ 156.09	\$ 368.77	\$ 336.69	\$ 271.22	\$ 227.92
Each Add'l 1,000	+9.24	+7.75	+6.12	+4.95	+11.66	+10.69	+8.49	+7.18

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

**Coverage Base Rates
Motor Home**

Coverage	Current	Revised
Bodily Injury	\$ 158.61	\$ 159.24
Property Damage	\$ 102.97	\$ 103.38
Property Protection Insurance	\$ 46.04	\$ 47.52
Personal Injury Protection	\$ 8,682.83	\$ 8,960.40
Collision	\$ 511.52	\$ 524.21
Comprehensive	\$ 220.03	\$ 221.02
Uninsured Motorists	\$ 2.98	\$ 2.99
Underinsured Motorists	\$ 0.86	\$ 0.86
Car Rental	\$ 6.78	\$ 6.94

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

**Coverage Base Rates
Travel & Utility Trailer
Base Rate by Value**

Higher of Cost New or Current Value	Current			Revised		
	Collision	Comprehensive	Comprehensive (Full Glass)	Collision	Comprehensive	Comprehensive (Full Glass)
1-1000	\$ 7.27	\$ 4.59	\$ 5.53	\$ 7.44	\$ 4.61	\$ 5.55
1001-2000	\$ 10.83	\$ 6.92	\$ 8.31	\$ 11.08	\$ 6.94	\$ 8.34
2001-3000	\$ 14.50	\$ 9.28	\$ 11.10	\$ 14.84	\$ 9.31	\$ 11.14
3001-4000	\$ 18.10	\$ 11.53	\$ 13.84	\$ 18.52	\$ 11.57	\$ 13.89
4001-5000	\$ 21.79	\$ 13.86	\$ 16.65	\$ 22.29	\$ 13.91	\$ 16.70
5001-6000	\$ 25.36	\$ 16.21	\$ 19.44	\$ 25.95	\$ 16.26	\$ 19.50
6001-7000	\$ 28.98	\$ 18.54	\$ 22.26	\$ 29.65	\$ 18.60	\$ 22.33
7001-8000	\$ 32.56	\$ 20.87	\$ 25.04	\$ 33.31	\$ 20.94	\$ 25.12
8001-9000	\$ 36.23	\$ 23.15	\$ 27.79	\$ 37.07	\$ 23.23	\$ 27.88
9001-10,000	\$ 39.90	\$ 25.47	\$ 30.56	\$ 40.82	\$ 25.55	\$ 30.66
10,001-11,000	\$ 43.48	\$ 27.82	\$ 33.38	\$ 44.49	\$ 27.91	\$ 33.49
11,001-12,000	\$ 47.10	\$ 30.07	\$ 36.08	\$ 48.19	\$ 30.17	\$ 36.20
12,001-13,000	\$ 50.78	\$ 32.41	\$ 38.91	\$ 51.95	\$ 32.52	\$ 39.04
13,001-14,000	\$ 54.34	\$ 34.67	\$ 41.61	\$ 55.60	\$ 34.78	\$ 41.75
14,001-15,000	\$ 57.96	\$ 37.02	\$ 44.40	\$ 59.30	\$ 37.14	\$ 44.55
Each Add'l 1000	+3.61	+2.32	+2.8	+3.69	+2.33	+2.81

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Coverage Base Rates

Snowmobile

	Current	Revised	Cost New + Cost of Additional Equipment	Current		Revised	
				Collision	Comprehensive	Collision	Comprehensive
Bodily Injury	\$ 72.39	\$ 72.60					
Property Damage	\$ 14.44	\$ 14.48					
			1-1000	\$ 33.54	\$ 22.57	\$ 34.32	\$ 22.63
			1001-2000	\$ 44.89	\$ 31.20	\$ 45.93	\$ 31.28
			2001-3000	\$ 56.09	\$ 39.62	\$ 57.39	\$ 39.72
			3001-4000	\$ 67.25	\$ 48.14	\$ 68.81	\$ 48.26
			4001-5000	\$ 74.77	\$ 56.62	\$ 76.50	\$ 56.77
			5001-6000	\$ 85.93	\$ 70.78	\$ 87.92	\$ 70.96
			Each Add'l 1000	+11.18	+14.13	+11.44	+14.17

Miscellaneous Vehicles

	Current	Revised	Cost New + Cost of Additional Equipment	Current		Revised	
				Collision	Comprehensive	Collision	Comprehensive
Bodily Injury	\$ 42.54	\$ 42.70					
Property Damage	\$ 8.42	\$ 8.45					
			1-1000	\$ 32.42	\$ 21.33	\$ 33.18	\$ 21.40
			1001-2000	\$ 43.41	\$ 29.43	\$ 44.42	\$ 29.53
			2001-3000	\$ 54.18	\$ 37.39	\$ 55.45	\$ 37.52
			3001-4000	\$ 65.00	\$ 45.46	\$ 66.52	\$ 45.62
			4001-5000	\$ 72.24	\$ 53.47	\$ 73.93	\$ 53.66
			5001-6000	\$ 83.06	\$ 66.85	\$ 85.00	\$ 67.08
			Each Add'l 1000	+10.81	+13.37	+11.06	+13.42

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

**Coverage Base Rates
Extra Equipment Coverage**

Total Value	Base Rate	
	Current	Revised
\$ 0 - 500	\$ 30.91	\$ 31.39
\$ 501 - 1000	\$ 72.57	\$ 73.69
\$ 1001 - 1500	\$ 103.48	\$ 105.08
\$ 1501 - 2000	\$ 123.61	\$ 125.52
\$ 2001 - 2500	\$ 145.14	\$ 147.39
\$ 2501 - 3000	\$ 166.61	\$ 169.19
\$ 3001 - 3500	\$ 186.75	\$ 189.64
\$ 3501 - 4000	\$ 208.25	\$ 211.48
\$ 4001 - 4500	\$ 227.08	\$ 230.60
\$ 4501 - 5000	\$ 249.95	\$ 253.82

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Exhibit 2

Effective: August 1, 2019 New and Renewal

AAADrive™ Household Discount

AAADrive Household Score	Developed Loss Ratio	Indicated Discount Relativities	Indicated Discount	Selected Discount
1-68	98.5%	1.49	-49.4%	3.7%
69-79	60.4%	0.92	8.4%	9.8%
80+	48.9%	0.74	25.8%	15.6%
Total	66.0%			

* The indicated discount relativities are derived from the experience of the states with AAADrive implemented (five year loss ratio of experience data ending 201806 evaluated 201809; expenses not considered). The discounts vary by the household scores and are selected based on the indicated discounts with a smoothed curve. A minimum discount of 1% is offered for the policyholders who participate the AAADrive application.

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

**Effective: August 1, 2019 New and Renewal
Payment Discount Factors**

Pay In Full	Current Relativies	Indicated Relativities	Proposed Relativies
Yes	0.95	0.93	0.94
No	1.00	1.00	1.00

* The proposed factors are revised based on the indicated relativities (five year loss ratio of experience data ending 201806 evaluated 201809; expenses not considered).

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

**Indicated Rate Change by Coverage Summary
Summary**

Coverage	Projected Trended Earned Premium @ 8/1/2018 Rate Level	AQRR 1809 Indicated Rate Change	Selected Rate Change	Target Loss Ratio	Target Loss & LAE Ratio
Bodily Injury	\$71,811,832	-2.0%	0.0%	49.8%	59.0%
Property Damage	\$9,643,411	10.5%	0.0%	49.8%	59.0%
Property Protection Insurance	\$9,971,633	25.0%	2.8%	49.8%	59.0%
PIP Payment	\$254,708,872	31.9%	2.8%	49.8%	59.0%
Uninsured Motorists	\$9,531,832	49.8%	0.0%	49.8%	59.0%
Underinsured Motorists	\$8,178,059	54.6%	0.3%	49.8%	59.0%
Liability Coverages Total	\$363,845,639	25.4%	2.1%	49.8%	59.0%
Comprehensive	\$59,400,341	9.7%	0.0%	54.3%	59.6%
Collision	\$206,873,797	12.6%	2.0%	54.3%	59.6%
Car Rental	\$6,127,954	10.8%	2.0%	54.3%	59.6%
Physical Damage Total	\$272,402,092	12.0%	1.6%	54.3%	59.6%
Coverage Total	\$636,247,731	19.6%	1.8%	51.8%	59.2%

Notes:

Indicated rate change is based on an overall 11.6% Profit and Contingency Load.

- Profit and Contingency Load varies by coverage and is based on a 15% target Return on Equity.

Expenses: Fixed and Variable - State specific blended product. LAE - State specific, product specific.

Additional Coverages (BOC, XEQP, GAP) were prorated and applied to the appropriate mandatory coverages.

Indication Target Date: 8/1/2019

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Bodily Injury Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	459,125	464,759	481,726	493,886	492,808
(2) Direct Earned Premium	\$66,670,636	\$66,070,283	\$67,650,242	\$67,565,641	\$69,602,538
(3) Current Rate Level Factor	1.2847	1.2219	1.1889	1.1822	1.1112
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$85,653,190	\$80,728,018	\$80,429,301	\$79,878,148	\$77,341,768
(6) Premium Trend Factor	0.8636	0.8958	0.9293	0.9640	1.0000
(7) Trended Earned Premium at CRL	\$73,970,095	\$72,316,159	\$74,742,950	\$77,002,535	\$77,341,768
(8) Premium Projection Factor	0.9285	0.9285	0.9285	0.9285	0.9285
(9) Projected Trended Earned Premium at CRL	\$68,681,233	\$67,145,554	\$69,398,829	\$71,496,854	\$71,811,832
(10) Incurred Losses (Net of Sal/Sub)	\$34,687,823	\$33,144,620	\$33,006,821	\$26,194,202	\$14,939,553
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$34,687,823	\$33,144,620	\$33,006,821	\$26,194,202	\$14,939,553
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$34,687,823	\$33,144,620	\$33,006,821	\$26,194,202	\$14,939,553
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	0.992	1.014	1.132	1.485	2.408
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$34,410,320	\$33,608,645	\$37,363,721	\$38,898,390	\$35,974,444
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$40,698,768	\$39,750,587	\$44,191,899	\$46,007,027	\$42,548,733
(21) Loss Trend Factor	1.0406	1.0303	1.0201	1.0100	1.0000
(22) Trended Ult Losses & LAE	\$42,351,301	\$40,955,070	\$45,080,156	\$46,467,097	\$42,548,733
(23) Loss Projection Factor	0.9185	0.9185	0.9185	0.9185	0.9185
(24) Projected Trended Ult Losses & LAE	\$38,898,461	\$37,616,062	\$41,404,836	\$42,678,702	\$39,079,796
(25) Loss & LAE Ratio	56.64%	56.02%	59.66%	59.69%	54.42%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%

	5 Year Wtd	2 Year Wtd
(28) Wtd Average Loss & LAE Ratio	57.25%	57.06%
(29) Credibility	96.94%	61.64%
(30) Compliment of Credibility	61.77%	61.77%
(31) Credibility Wtd Loss & LAE Ratio	57.39%	58.87%
(32) Fixed Expense Ratio	20.5%	20.5%
(33) Variable Expense Ratio	10.7%	10.7%
(34) Profit & Contingencies Load	9.8%	9.8%
(35) Target Loss&LAE Ratio	59.0%	59.0%
(36) Target Loss Ratio	49.8%	49.8%
(37) Indicated Rate Change	-2.2%	-2.4%
(38) Credibility Wtd Rate Change	-2.0%	-0.1%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Property Damage Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	459,125	464,759	481,726	493,886	492,808
(2) Direct Earned Premium	\$6,992,454	\$6,922,174	\$7,667,548	\$8,285,988	\$9,022,032
(3) Current Rate Level Factor	1.6588	1.5728	1.4107	1.2945	1.1512
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$11,598,917	\$10,887,115	\$10,816,588	\$10,726,047	\$10,386,011
(6) Premium Trend Factor	0.8564	0.8903	0.9254	0.9620	1.0000
(7) Trended Earned Premium at CRL	\$9,933,312	\$9,692,799	\$10,009,671	\$10,318,457	\$10,386,011
(8) Premium Projection Factor	0.9285	0.9285	0.9285	0.9285	0.9285
(9) Projected Trended Earned Premium at CRL	\$9,223,080	\$8,999,764	\$9,293,980	\$9,580,687	\$9,643,411
(10) Incurred Losses (Net of Sal/Sub)	\$4,912,883	\$5,199,074	\$5,548,309	\$5,472,503	\$5,065,504
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$4,912,883	\$5,199,074	\$5,548,309	\$5,472,503	\$5,065,504
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$4,912,883	\$5,199,074	\$5,548,309	\$5,472,503	\$5,065,504
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.000	1.000	1.001	1.009	1.061
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$4,912,883	\$5,199,074	\$5,553,857	\$5,521,756	\$5,374,500
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$5,810,707	\$6,149,199	\$6,568,818	\$6,530,851	\$6,356,684
(21) Loss Trend Factor	1.0000	1.0000	1.0000	1.0000	1.0000
(22) Trended Ult Losses & LAE	\$5,810,707	\$6,149,199	\$6,568,818	\$6,530,851	\$6,356,684
(23) Loss Projection Factor	1.0000	1.0000	1.0000	1.0000	1.0000
(24) Projected Trended Ult Losses & LAE	\$5,810,707	\$6,149,199	\$6,568,818	\$6,530,851	\$6,356,684
(25) Loss & LAE Ratio	63.00%	68.33%	70.68%	68.17%	65.92%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%
				<u>5 Year Wtd</u>	<u>2 Year Wtd</u>
(28) Wtd Average Loss & LAE Ratio				67.50%	67.05%
(29) Credibility				87.74%	55.41%
(30) Compliment of Credibility				66.13%	66.13%
(31) Credibility Wtd Loss & LAE Ratio				67.33%	66.64%
(32) Fixed Expense Ratio				20.5%	20.5%
(33) Variable Expense Ratio				10.7%	10.7%
(34) Profit & Contingencies Load				9.8%	9.8%
(35) Target Loss&LAE Ratio				59.0%	59.0%
(36) Target Loss Ratio				49.8%	49.8%
(37) Indicated Rate Change				10.8%	10.2%
(38) Credibility Wtd Rate Change				10.5%	9.7%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Property Protection Insurance Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	454,788	460,436	477,656	490,572	490,120
(2) Direct Earned Premium	\$13,654,578	\$10,897,825	\$10,852,884	\$10,806,840	\$10,503,295
(3) Current Rate Level Factor	0.8809	1.0338	1.0304	1.0260	1.0225
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$12,027,826	\$11,266,147	\$11,182,461	\$11,087,604	\$10,739,508
(6) Premium Trend Factor	0.8529	0.8875	0.9235	0.9610	1.0000
(7) Trended Earned Premium at CRL	\$10,258,533	\$9,998,705	\$10,327,003	\$10,655,187	\$10,739,508
(8) Premium Projection Factor	0.9285	0.9285	0.9285	0.9285	0.9285
(9) Projected Trended Earned Premium at CRL	\$9,525,048	\$9,283,798	\$9,588,622	\$9,893,341	\$9,971,633
(10) Incurred Losses (Net of Sal/Sub)	\$5,365,910	\$5,375,079	\$6,005,881	\$5,957,953	\$6,199,382
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$5,365,910	\$5,375,079	\$6,005,881	\$5,957,953	\$6,199,382
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$5,365,910	\$5,375,079	\$6,005,881	\$5,957,953	\$6,199,382
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.000	1.000	1.001	1.002	1.082
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$5,365,910	\$5,375,079	\$6,011,887	\$5,969,869	\$6,707,731
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$6,346,524	\$6,357,369	\$7,110,553	\$7,060,856	\$7,933,561
(21) Loss Trend Factor	1.0824	1.0612	1.0404	1.0200	1.0000
(22) Trended Ult Losses & LAE	\$6,869,682	\$6,746,491	\$7,397,819	\$7,202,073	\$7,933,561
(23) Loss Projection Factor	1.0421	1.0421	1.0421	1.0421	1.0421
(24) Projected Trended Ult Losses & LAE	\$7,159,017	\$7,030,637	\$7,709,398	\$7,505,407	\$8,267,704
(25) Loss & LAE Ratio	75.16%	75.73%	80.40%	75.86%	82.91%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%
				<u>5 Year Wtd</u>	<u>2 Year Wtd</u>
(28) Wtd Average Loss & LAE Ratio				78.79%	79.39%
(29) Credibility				100.00%	100.00%
(30) Compliment of Credibility				69.90%	69.90%
(31) Credibility Wtd Loss & LAE Ratio				78.79%	79.39%
(32) Fixed Expense Ratio				20.5%	20.5%
(33) Variable Expense Ratio				10.7%	10.7%
(34) Profit & Contingencies Load				9.8%	9.8%
(35) Target Loss&LAE Ratio				59.0%	59.0%
(36) Target Loss Ratio				49.8%	49.8%
(37) Indicated Rate Change				25.0%	25.7%
(38) Credibility Wtd Rate Change				25.0%	25.7%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Personal Injury Protection Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	454,788	460,436	477,656	490,572	490,120
(2) Direct Earned Premium	\$180,721,883	\$180,927,415	\$196,556,742	\$212,533,468	\$230,895,904
(3) Current Rate Level Factor	2.0084	1.8032	1.5791	1.4005	1.2275
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$362,970,373	\$326,250,106	\$310,377,653	\$297,654,881	\$283,419,241
(6) Premium Trend Factor	0.7448	0.8018	0.8630	0.9290	1.0000
(7) Trended Earned Premium at CRL	\$270,340,334	\$261,587,335	\$267,855,915	\$276,521,385	\$283,419,241
(8) Premium Projection Factor	0.8987	0.8987	0.8987	0.8987	0.8987
(9) Projected Trended Earned Premium at CRL	\$242,954,858	\$235,088,538	\$240,722,111	\$248,509,769	\$254,708,872
(10) Incurred Losses (Net of Sal/Sub)	\$101,730,262	\$100,652,941	\$113,275,722	\$119,240,015	\$93,955,847
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$101,730,262	\$100,652,941	\$113,275,722	\$119,240,015	\$93,955,847
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$101,730,262	\$100,652,941	\$113,275,722	\$119,240,015	\$93,955,847
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.196	1.199	1.226	1.358	1.685
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$121,669,393	\$120,682,876	\$138,876,035	\$161,927,940	\$158,315,602
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$143,904,339	\$142,737,537	\$164,255,475	\$191,520,090	\$187,247,601
(21) Loss Trend Factor	1.2625	1.1910	1.1236	1.0600	1.0000
(22) Trended Ult Losses & LAE	\$181,675,912	\$170,002,690	\$184,557,452	\$203,011,295	\$187,247,601
(23) Loss Projection Factor	1.1070	1.1070	1.1070	1.1070	1.1070
(24) Projected Trended Ult Losses & LAE	\$201,113,403	\$188,191,264	\$204,303,239	\$224,731,457	\$207,281,207
(25) Loss & LAE Ratio	82.78%	80.05%	84.87%	90.43%	81.38%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%

	5 Year Wtd	2 Year Wtd
(28) Wtd Average Loss & LAE Ratio	84.28%	85.91%
(29) Credibility	100.00%	95.55%
(30) Compliment of Credibility	90.50%	90.50%
(31) Credibility Wtd Loss & LAE Ratio	84.28%	86.11%
(32) Fixed Expense Ratio	20.5%	20.5%
(33) Variable Expense Ratio	10.7%	10.7%
(34) Profit & Contingencies Load	9.8%	9.8%
(35) Target Loss&LAE Ratio	59.0%	59.0%
(36) Target Loss Ratio	49.8%	49.8%
(37) Indicated Rate Change	31.9%	33.9%
(38) Credibility Wtd Rate Change	31.9%	34.2%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
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- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Uninsured Motorists Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	450,914	456,624	473,867	486,899	486,322
(2) Direct Earned Premium	\$8,010,862	\$7,782,283	\$8,075,782	\$8,319,766	\$8,422,444
(3) Current Rate Level Factor	1.1204	1.1581	1.1635	1.1656	1.1484
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$8,975,693	\$9,012,641	\$9,396,514	\$9,697,489	\$9,672,077
(6) Premium Trend Factor	1.0121	1.0090	1.0060	1.0030	1.0000
(7) Trended Earned Premium at CRL	\$9,084,299	\$9,093,754	\$9,452,893	\$9,726,581	\$9,672,077
(8) Premium Projection Factor	0.9855	0.9855	0.9855	0.9855	0.9855
(9) Projected Trended Earned Premium at CRL	\$8,952,577	\$8,961,895	\$9,315,826	\$9,585,546	\$9,531,832
(10) Incurred Losses (Net of Sal/Sub)	\$4,654,038	\$6,357,850	\$6,121,867	\$4,074,250	\$2,610,498
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$4,654,038	\$6,357,850	\$6,121,867	\$4,074,250	\$2,610,498
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$4,654,038	\$6,357,850	\$6,121,867	\$4,074,250	\$2,610,498
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.019	1.080	1.275	2.081	4.702
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$4,742,465	\$6,866,478	\$7,805,380	\$8,478,514	\$12,274,562
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$5,609,145	\$8,121,319	\$9,231,804	\$10,027,953	\$14,517,724
(21) Loss Trend Factor	1.4641	1.3310	1.2100	1.1000	1.0000
(22) Trended Ult Losses & LAE	\$8,212,349	\$10,809,476	\$11,170,483	\$11,030,748	\$14,517,724
(23) Loss Projection Factor	1.0000	1.0000	1.0000	1.0000	1.0000
(24) Projected Trended Ult Losses & LAE	\$8,212,349	\$10,809,476	\$11,170,483	\$11,030,748	\$14,517,724
(25) Loss & LAE Ratio	91.73%	120.62%	119.91%	115.08%	152.31%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%

	5 Year Wtd	2 Year Wtd
(28) Wtd Average Loss & LAE Ratio	125.71%	133.70%
(29) Credibility	49.56%	31.62%
(30) Compliment of Credibility	71.83%	71.83%
(31) Credibility Wtd Loss & LAE Ratio	98.54%	91.40%
(32) Fixed Expense Ratio	20.5%	20.5%
(33) Variable Expense Ratio	10.7%	10.7%
(34) Profit & Contingencies Load	9.8%	9.8%
(35) Target Loss&LAE Ratio	59.0%	59.0%
(36) Target Loss Ratio	49.8%	49.8%
(37) Indicated Rate Change	84.0%	94.0%
(38) Credibility Wtd Rate Change	49.8%	40.8%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Underinsured Motorists Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	438,628	445,879	463,757	477,370	477,307
(2) Direct Earned Premium	\$6,722,491	\$6,564,932	\$6,831,989	\$7,054,101	\$7,174,762
(3) Current Rate Level Factor	1.1036	1.1473	1.1590	1.1669	1.1494
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$7,418,719	\$7,531,742	\$7,918,525	\$8,231,272	\$8,246,505
(6) Premium Trend Factor	1.0324	1.0242	1.0161	1.0080	1.0000
(7) Trended Earned Premium at CRL	\$7,659,085	\$7,714,011	\$8,046,013	\$8,297,122	\$8,246,505
(8) Premium Projection Factor	0.9917	0.9917	0.9917	0.9917	0.9917
(9) Projected Trended Earned Premium at CRL	\$7,595,515	\$7,649,985	\$7,979,231	\$8,228,256	\$8,178,059
(10) Incurred Losses (Net of Sal/Sub)	\$3,471,131	\$3,155,550	\$3,871,167	\$3,410,500	\$1,692,000
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$3,471,131	\$3,155,550	\$3,871,167	\$3,410,500	\$1,692,000
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$3,471,131	\$3,155,550	\$3,871,167	\$3,410,500	\$1,692,000
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.019	1.080	1.275	2.081	4.702
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$3,537,082	\$3,407,994	\$4,935,738	\$7,097,251	\$7,955,784
(19) Ultimate Loss Adjustment Expense	18.3%	18.3%	18.3%	18.3%	18.3%
(20) Ultimate Incurred Losses & LAE	\$4,183,480	\$4,030,801	\$5,837,739	\$8,394,266	\$9,409,695
(21) Loss Trend Factor	1.4641	1.3310	1.2100	1.1000	1.0000
(22) Trended Ult Losses & LAE	\$6,125,033	\$5,364,996	\$7,063,664	\$9,233,693	\$9,409,695
(23) Loss Projection Factor	1.1070	1.1070	1.1070	1.1070	1.1070
(24) Projected Trended Ult Losses & LAE	\$6,780,350	\$5,938,996	\$7,819,405	\$10,221,605	\$10,416,438
(25) Loss & LAE Ratio	89.27%	77.63%	98.00%	124.23%	127.37%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%
				<u>5 Year Wtd</u>	<u>2 Year Wtd</u>
(28) Wtd Average Loss & LAE Ratio				109.44%	125.80%
(29) Credibility				40.82%	29.44%
(30) Compliment of Credibility				97.43%	97.43%
(31) Credibility Wtd Loss & LAE Ratio				102.33%	105.78%
(32) Fixed Expense Ratio				20.5%	20.5%
(33) Variable Expense Ratio				10.7%	10.7%
(34) Profit & Contingencies Load				9.8%	9.8%
(35) Target Loss&LAE Ratio				59.0%	59.0%
(36) Target Loss Ratio				49.8%	49.8%
(37) Indicated Rate Change				63.5%	84.1%
(38) Credibility Wtd Rate Change				54.6%	58.9%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Comprehensive Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	406,939	421,023	442,454	458,933	459,441
(2) Direct Earned Premium	\$45,336,617	\$48,029,461	\$53,245,845	\$56,247,073	\$57,246,742
(3) Current Rate Level Factor	1.1312	1.0668	1.0147	1.0096	1.0059
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$51,285,494	\$51,235,587	\$54,029,537	\$56,787,877	\$57,586,370
(6) Premium Trend Factor	1.0530	1.0395	1.0262	1.0130	1.0000
(7) Trended Earned Premium at CRL	\$54,003,625	\$53,259,393	\$55,445,111	\$57,526,119	\$57,586,370
(8) Premium Projection Factor	1.0315	1.0315	1.0315	1.0315	1.0315
(9) Projected Trended Earned Premium at CRL	\$55,704,739	\$54,937,064	\$57,191,632	\$59,338,192	\$59,400,341
(10) Incurred Losses (Net of Sal/Sub)	\$29,993,965	\$40,949,886	\$30,537,120	\$33,269,311	\$33,230,609
(11) Catastrophe Losses	\$893,408	\$12,268,925	\$1,045,024	\$1,778,671	\$817,163
(12) Ex-CAT Incurred Losses	\$29,100,557	\$28,680,961	\$29,492,095	\$31,490,640	\$32,413,447
(13) CAT Load	6%	6%	6%	6%	6%
(14) Adjusted Incurred Losses	\$30,846,591	\$30,401,818	\$31,261,621	\$33,380,078	\$34,358,253
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.000	1.000	1.000	1.001	1.013
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$30,846,591	\$30,401,818	\$31,261,621	\$33,413,458	\$34,804,910
(19) Ultimate Loss Adjustment Expense	9.8%	9.8%	9.8%	9.8%	9.8%
(20) Ultimate Incurred Losses & LAE	\$33,858,366	\$33,370,167	\$34,313,919	\$36,675,855	\$38,203,164
(21) Loss Trend Factor	1.0000	1.0000	1.0000	1.0000	1.0000
(22) Trended Ult Losses & LAE	\$33,858,366	\$33,370,167	\$34,313,919	\$36,675,855	\$38,203,164
(23) Loss Projection Factor	1.0635	1.0635	1.0635	1.0635	1.0635
(24) Projected Trended Ult Losses & LAE	\$36,008,894	\$35,489,687	\$36,493,382	\$39,005,337	\$40,629,654
(25) Loss & LAE Ratio	64.64%	64.60%	63.81%	65.73%	68.40%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%
				<u>5 Year Wtd</u>	<u>2 Year Wtd</u>
(28) Wtd Average Loss & LAE Ratio				65.87%	67.07%
(29) Credibility				100.00%	100.00%
(30) Compliment of Credibility				66.36%	66.36%
(31) Credibility Wtd Loss & LAE Ratio				65.87%	67.07%
(32) Fixed Expense Ratio				17.2%	17.2%
(33) Variable Expense Ratio				8.8%	8.8%
(34) Profit & Contingencies Load				14.4%	14.4%
(35) Target Loss&LAE Ratio				59.6%	59.6%
(36) Target Loss Ratio				54.3%	54.3%
(37) Indicated Rate Change				8.2%	9.7%
(38) Credibility Wtd Rate Change				8.2%	9.7%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
- (24) = (22) x (23)
- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Collision Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	368,808	381,967	402,118	416,238	414,189
(2) Direct Earned Premium	\$120,490,749	\$130,569,001	\$151,091,090	\$172,181,016	\$193,280,975
(3) Current Rate Level Factor	1.4526	1.3693	1.2650	1.1727	1.0527
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$175,030,209	\$178,782,603	\$191,129,453	\$201,909,942	\$203,475,752
(6) Premium Trend Factor	1.0614	1.0457	1.0302	1.0150	1.0000
(7) Trended Earned Premium at CRL	\$185,777,064	\$186,952,968	\$196,901,562	\$204,938,591	\$203,475,752
(8) Premium Projection Factor	1.0167	1.0167	1.0167	1.0167	1.0167
(9) Projected Trended Earned Premium at CRL	\$188,879,541	\$190,075,083	\$200,189,818	\$208,361,065	\$206,873,797
(10) Incurred Losses (Net of Sal/Sub)	\$99,003,482	\$101,770,486	\$109,676,428	\$118,544,555	\$124,097,398
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$99,003,482	\$101,770,486	\$109,676,428	\$118,544,555	\$124,097,398
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$99,003,482	\$101,770,486	\$109,676,428	\$118,544,555	\$124,097,398
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.000	1.000	1.000	1.000	0.996
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$99,003,482	\$101,770,486	\$109,676,428	\$118,544,555	\$123,601,008
(19) Ultimate Loss Adjustment Expense	9.8%	9.8%	9.8%	9.8%	9.8%
(20) Ultimate Incurred Losses & LAE	\$108,669,906	\$111,707,073	\$120,384,929	\$130,118,915	\$135,669,066
(21) Loss Trend Factor	1.1520	1.1119	1.0733	1.0360	1.0000
(22) Trended Ult Losses & LAE	\$125,183,853	\$124,210,966	\$129,208,663	\$134,803,196	\$135,669,066
(23) Loss Projection Factor	1.0635	1.0635	1.0635	1.0635	1.0635
(24) Projected Trended Ult Losses & LAE	\$133,134,958	\$132,100,277	\$137,415,405	\$143,365,277	\$144,286,143
(25) Loss & LAE Ratio	70.49%	69.50%	68.64%	68.81%	69.75%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%

	5 Year Wtd	2 Year Wtd
(28) Wtd Average Loss & LAE Ratio	69.33%	69.28%
(29) Credibility	100.00%	100.00%
(30) Compliment of Credibility	67.21%	67.21%
(31) Credibility Wtd Loss & LAE Ratio	69.33%	69.28%
(32) Fixed Expense Ratio	17.2%	17.2%
(33) Variable Expense Ratio	8.8%	8.8%
(34) Profit & Contingencies Load	14.4%	14.4%
(35) Target Loss&LAE Ratio	59.6%	59.6%
(36) Target Loss Ratio	54.3%	54.3%
(37) Indicated Rate Change	12.7%	12.6%
(38) Credibility Wtd Rate Change	12.7%	12.6%

- (5) = (2) x (3) x (4)
- (7) = (5) x (6)
- (9) = (7) x (8)
- (12) = (10) - (11)
- (14) = (12) x [1 + (13)]
- (18) = (14) x (15) x (16) x (17)
- (19) As a Percentage of (18)
- (20) = (18) x [1 + (19)]
- (22) = (20) x (21)
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- (25) = (24) / (9)
- (31) = (28) x (29) + (30) x [1 - (29)]
- (35) = 1 - (32) - (33) - (34)
- (36) = (35) / [1 + (19)]
- (37) = [(28) + (32)] / [1 - (33) - (34)] - 1
- (38) = [(31) + (32)] / [1 - (33) - (34)] - 1

**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
AUTOMOBILE PROGRAM**

Effective: August 1, 2019 New and Renewal

Car Rental Indication

	Accident Year Ending - Evaluated at 9/30/2018				
	201406	201506	201606	201706	201806
(1) Earned Exposures	90,081	94,460	102,498	109,291	111,833
(2) Direct Earned Premium	\$4,843,243	\$4,821,479	\$5,293,194	\$5,813,220	\$5,936,101
(3) Current Rate Level Factor	1.0596	1.1086	1.0958	1.0610	1.0541
(4) Mix of Business Premium Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(5) Earned Premium at 2/1/2019 Rate Level	\$5,132,106	\$5,345,325	\$5,800,142	\$6,167,946	\$6,257,484
(6) Premium Trend Factor	0.9375	0.9528	0.9683	0.9840	1.0000
(7) Trended Earned Premium at CRL	\$4,811,350	\$5,093,026	\$5,616,278	\$6,069,259	\$6,257,484
(8) Premium Projection Factor	0.9793	0.9793	0.9793	0.9793	0.9793
(9) Projected Trended Earned Premium at CRL	\$4,711,755	\$4,987,600	\$5,500,021	\$5,943,625	\$6,127,954
(10) Incurred Losses (Net of Sal/Sub)	\$3,428,691	\$3,492,625	\$3,346,593	\$3,624,303	\$3,774,518
(11) Catastrophe Losses	\$0	\$0	\$0	\$0	\$0
(12) Ex-CAT Incurred Losses	\$3,428,691	\$3,492,625	\$3,346,593	\$3,624,303	\$3,774,518
(13) CAT Load	0%	0%	0%	0%	0%
(14) Adjusted Incurred Losses	\$3,428,691	\$3,492,625	\$3,346,593	\$3,624,303	\$3,774,518
(15) Mix of Business Loss Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(16) Loss Development Factor	1.000	1.000	1.000	1.001	1.006
(17) Seasonality Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
(18) Ultimate Incurred Losses	\$3,428,691	\$3,492,625	\$3,346,593	\$3,627,927	\$3,797,165
(19) Ultimate Loss Adjustment Expense	9.8%	9.8%	9.8%	9.8%	9.8%
(20) Ultimate Incurred Losses & LAE	\$3,763,459	\$3,833,635	\$3,673,345	\$3,982,148	\$4,167,910
(21) Loss Trend Factor	0.8853	0.9127	0.9409	0.9700	1.0000
(22) Trended Ult Losses & LAE	\$3,331,763	\$3,498,855	\$3,456,250	\$3,862,684	\$4,167,910
(23) Loss Projection Factor	1.0209	1.0209	1.0209	1.0209	1.0209
(24) Projected Trended Ult Losses & LAE	\$3,401,550	\$3,572,142	\$3,528,644	\$3,943,591	\$4,255,211
(25) Loss & LAE Ratio	72.19%	71.62%	64.16%	66.35%	69.44%
(26) 2 Year Weights	0%	0%	0%	50%	50%
(27) 5 year Weights	10%	15%	20%	25%	30%

	5 Year Wtd	2 Year Wtd
(28) Wtd Average Loss & LAE Ratio	68.21%	67.90%
(29) Credibility	100.00%	100.00%
(30) Compliment of Credibility	70.05%	70.05%
(31) Credibility Wtd Loss & LAE Ratio	68.21%	67.90%
(32) Fixed Expense Ratio	17.2%	17.2%
(33) Variable Expense Ratio	8.8%	8.8%
(34) Profit & Contingencies Load	14.4%	14.4%
(35) Target Loss&LAE Ratio	59.6%	59.6%
(36) Target Loss Ratio	54.3%	54.3%
(37) Indicated Rate Change	11.2%	10.8%
(38) Credibility Wtd Rate Change	11.2%	10.8%

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**MEMBERSELECT INSURANCE COMPANY - MICHIGAN
GROUP AUTOMOBILE PROGRAM**

Exhibit 5

Effective: August 1, 2019 New and Renewal

Rate Impact Summary

Coverage	January 2019 Inforce Premium @ 2/1/2019 Rate Level	January 2019 Inforce Premium @ 8/1/2019 Rate Level	Total % Change
Bodily Injury	\$35,534,286	\$35,534,550	0.0%
Property Damage	\$4,770,835	\$4,770,644	0.0%
Property Protection Insurance	\$4,658,421	\$4,788,851	2.8%
PIP Payment	\$127,705,671	\$131,280,383	2.8%
Uninsured Motorists	\$4,592,486	\$4,593,932	0.0%
Underinsured Motorists	\$3,927,874	\$3,939,099	0.3%
Comprehensive	\$28,427,766	\$28,428,201	0.0%
Collision	\$97,665,098	\$99,618,632	2.0%
Car Rental	\$3,080,929	\$3,142,783	2.0%
Broadened Other Car	\$3,756	\$3,756	0.0%
Loan/Lease Gap	\$109,868	\$111,619	1.6%
Extra Equipment	\$26,427	\$26,836	1.5%
Total	\$310,503,416	\$316,239,285	1.8%

* Semi-Annual Premiums