

**Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes**

Exhibit 1

		(1)	(2)	(3)	(4)	(5)	
		<i>Prior Rate Change by Coverage</i>					
	Effective Date	BI	PD	PIP	UMBI	UMPD	
	3/1/2021						
(a)	6/1/2023	+5.0%	+5.0%	+5.0%	+5.0%	+5.0%	
	9/1/2024						
(b)	Annual Severity Trend	+6.5%	+4.4%	+1.0%	+4.7%	+5.0%	
(c)	Trend Period in Years	3.50					
(d)	Cumulative Severity Change	+24.7%	+16.3%	+3.5%	+17.5%	+18.6%	
(e)	Indicated Rate Change	+18.8%	+10.8%	-1.4%	+11.9%	+13.0%	+15.2%

NOTES

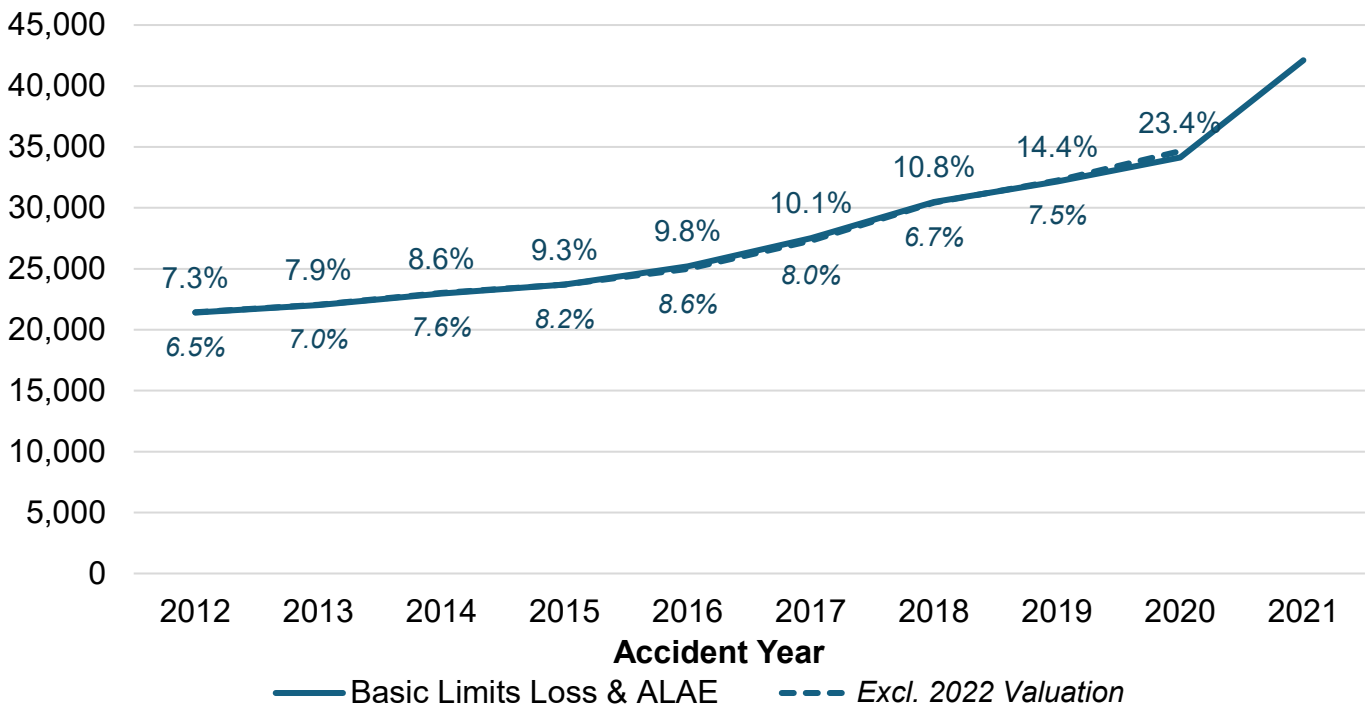
- (a) from 2023 TAIPA rate filing
- (b) from Exhibit 2
- (c) = 9/1/24 - 3/1/21, in years
- (d) = [1.0 + (b)] ^ (c) - 1.0
- (e) = [1.0 + (d)] / [1.0 + (a)] - 1.0

**Texas Automobile Insurance Plan Association
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Bodily Injury Liability Basic Limits Loss & ALAE Claim Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<i>Including 3/31/2022 Claim Valuation</i>				<i>Excluding 3/31/2022 Claim Valuation</i>			
AY	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend
2012	178,395,889	8,333	21,408	7.3%	178,452,258	8,326	21,433	6.5%
2013	206,902,737	9,396	22,021	7.9%	206,853,700	9,377	22,059	7.0%
2014	235,138,973	10,232	22,980	8.6%	234,775,443	10,193	23,032	7.6%
2015	268,169,425	11,308	23,715	9.3%	265,712,335	11,215	23,692	8.2%
2016	284,017,566	11,265	25,211	9.8%	275,995,656	11,047	24,983	8.6%
2017	320,090,432	11,638	27,504	10.1%	300,871,312	11,019	27,304	8.0%
2018	391,893,785	12,860	30,474	10.8%	337,164,550	11,081	30,427	6.7%
2019	507,735,716	15,787	32,162	14.4%	368,522,284	11,431	32,240	7.5%
2020	534,822,464	15,672	34,127	23.4%	304,960,022	8,800	34,653	
2021	1,290,185,465	30,638	42,110					

Selected Annual Claim Severity Trend: 6.5%



NOTES

- (1), (5) from Exhibit 2, Page 2
- (2), (6) from Exhibit 2, Page 3
- (3) = (1) / (2)
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- (4) based on exponential fit to (3)
- (8) based on exponential fit to (7)

Texas Automobile Insurance Plan Association
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Calculation of Indicated Rate Changes

Bodily Injury Liability, Rate Groups A, C, J.

AY	Basic Limits Reported Loss & ALAE - Age in Months											Ultimate excl. last point
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123	Ultimate	
2012	41,727,831	96,068,886	137,162,409	162,677,396	172,650,851	176,216,885	177,280,921	178,184,934	178,452,258	178,395,889	178,395,889	178,452,258
2013	45,182,534	109,629,299	157,536,455	187,689,007	199,652,571	204,101,435	206,262,195	206,543,830	206,968,114		206,902,737	206,853,700
2014	49,199,913	116,920,945	172,928,251	210,827,670	226,044,967	232,200,994	233,701,305	234,791,199			235,138,973	234,775,443
2015	51,818,139	130,240,134	196,551,214	240,081,215	258,097,187	262,471,890	266,789,249				268,169,425	265,712,335
2016	54,328,022	133,538,961	203,389,024	252,212,279	266,851,355	279,665,662					284,017,566	275,995,656
2017	56,014,969	148,180,285	230,636,050	272,824,135	306,625,499						320,090,432	300,871,312
2018	58,269,777	170,440,036	253,151,845	348,206,661							391,893,785	337,164,550
2019	76,109,212	185,306,602	364,070,953								507,735,716	368,522,284
2020	60,848,675	243,748,497									534,822,464	304,960,022
2021	217,515,889										1,290,185,465	

AY	Historical Loss Development Factors									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	2.302	1.428	1.186	1.061	1.021	1.006	1.005	1.002	1.000	
2013	2.426	1.437	1.191	1.064	1.022	1.011	1.001	1.002		
2014	2.376	1.479	1.219	1.072	1.027	1.006	1.005			
2015	2.513	1.509	1.221	1.075	1.017	1.016				
2016	2.458	1.523	1.240	1.058	1.048					
2017	2.645	1.556	1.183	1.124						
2018	2.925	1.485	1.375							
2019	2.435	1.965								
2020	4.006									

Weighted	2.703	1.573	1.239	1.078	1.028	1.010	1.004	1.002	1.000	1.000
to Ult	5.931	2.194	1.395	1.125	1.044	1.016	1.005	1.001	1.000	1.000
Excl Last Pt	2.520	1.493	1.208	1.066	1.022	1.008	1.003	1.002	1.000	1.000
to Ult	5.012	1.989	1.332	1.103	1.034	1.012	1.005	1.002	1.000	1.000

* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

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Calculation of Indicated Rate Changes

Bodily Injury Liability, Rate Groups A, C, J.

AY	Reported Claim Count, Rate Groups A, C, J - Age in Months										Ultimate excl. last point	
	<u>@15</u>	<u>@27</u>	<u>@39</u>	<u>@51</u>	<u>@63</u>	<u>@75</u>	<u>@87</u>	<u>@99</u>	<u>@111</u>	<u>@123</u>		<u>Ultimate</u>
2012	4,616	6,765	7,702	8,093	8,244	8,288	8,308	8,323	8,326	8,333	8,333	8,326
2013	5,011	7,601	8,650	9,093	9,277	9,337	9,372	9,374	9,388		9,396	9,377
2014	5,280	8,008	9,254	9,859	10,073	10,164	10,180	10,214			10,232	10,193
2015	5,933	8,843	10,151	10,787	11,117	11,172	11,267				11,308	11,215
2016	5,785	8,680	10,020	10,756	10,934	11,177					11,265	11,047
2017	5,389	8,537	10,096	10,674	11,433						11,638	11,019
2018	5,228	8,662	10,120	12,258							12,860	11,081
2019	5,609	9,032	13,885								15,787	11,431
2020	4,506	11,411									15,672	8,800
2021	13,625										30,638	

AY	Historical Claim Count Development Factors									
	<u>15-27</u>	<u>27-39</u>	<u>39-51</u>	<u>51-63</u>	<u>63-75</u>	<u>75-87</u>	<u>87-99</u>	<u>99-111</u>	<u>111-123</u>	<u>123-Ult</u>
2012	1.466	1.139	1.051	1.019	1.005	1.002	1.002	1.000	1.001	
2013	1.517	1.138	1.051	1.020	1.006	1.004	1.000	1.001		
2014	1.517	1.156	1.065	1.022	1.009	1.002	1.003			
2015	1.490	1.148	1.063	1.031	1.005	1.009				
2016	1.500	1.154	1.073	1.017	1.022					
2017	1.584	1.183	1.057	1.071						
2018	1.657	1.168	1.211							
2019	1.610	1.537								
2020	2.532									

Weighted	1.637	1.208	1.084	1.031	1.010	1.004	1.002	1.001	1.001	1.000
to Ult	2.249	1.373	1.137	1.049	1.018	1.008	1.004	1.002	1.001	1.000
Excl Last Pt	1.543	1.156	1.061	1.022	1.006	1.003	1.001	1.000	1.000	1.000
to Ult	1.953	1.266	1.095	1.032	1.010	1.004	1.001	1.000	1.000	1.000

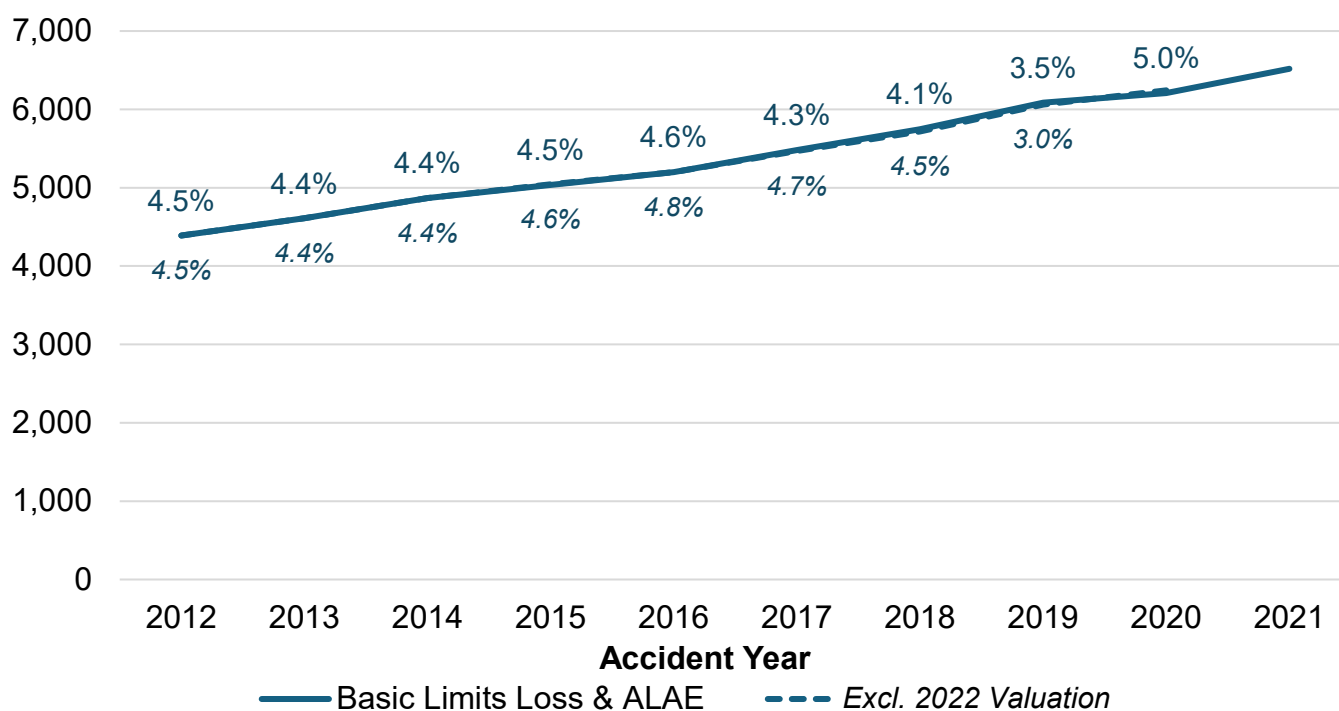
* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

**Texas Automobile Insurance Plan Association
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Property Damage Liability Basic Limits Loss & ALAE Claim Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<i>Including 3/31/2022 Claim Valuation</i>				<i>Excluding 3/31/2022 Claim Valuation</i>			
AY	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend
2012	124,742,051	28,418	4,390	4.5%	124,842,327	28,436	4,390	4.5%
2013	136,637,982	29,647	4,609	4.4%	136,819,788	29,669	4,612	4.4%
2014	147,514,394	30,303	4,868	4.4%	147,602,519	30,330	4,867	4.4%
2015	152,856,507	30,354	5,036	4.5%	153,206,784	30,381	5,043	4.6%
2016	157,678,214	30,320	5,200	4.6%	157,659,786	30,314	5,201	4.8%
2017	171,328,926	31,250	5,483	4.3%	170,798,299	31,223	5,470	4.7%
2018	190,163,272	33,094	5,746	4.1%	188,185,222	32,921	5,716	4.5%
2019	198,032,055	32,535	6,087	3.5%	194,898,897	32,160	6,060	3.0%
2020	156,417,151	25,193	6,209	5.0%	148,543,030	23,793	6,243	
2021	192,910,942	29,597	6,518					

Selected Annual Claim Severity Trend: 4.4%



NOTES

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Calculation of Indicated Rate Changes

Property Damage Liability

AY	<i>Basic Limits Reported Loss & ALAE - Age in Months</i>											Ultimate excl. last point
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123	Ultimate	
2012	107,438,338	118,323,257	122,115,662	123,508,526	124,273,508	124,477,303	124,776,145	124,815,355	124,842,327	124,742,051	124,742,051	124,842,327
2013	115,051,427	128,053,933	132,153,025	134,955,863	136,089,539	136,608,604	136,773,804	136,790,228	136,747,821		136,637,982	136,819,788
2014	123,375,386	137,868,319	142,351,344	145,788,892	147,090,556	147,447,824	147,539,247	147,641,687			147,514,394	147,602,519
2015	127,697,139	143,417,876	148,651,440	151,426,617	152,807,205	152,933,173	152,929,317				152,856,507	153,206,784
2016	130,395,160	146,763,676	153,209,471	156,325,507	157,040,156	157,598,489					157,678,214	157,659,786
2017	140,509,599	159,330,200	166,312,025	168,871,049	170,822,108						171,328,926	170,798,299
2018	156,803,011	177,433,937	182,664,572	188,053,697							190,163,272	188,185,222
2019	163,390,208	182,631,230	191,901,261								198,032,055	194,898,897
2020	124,133,572	146,005,556									156,417,151	148,543,030
2021	159,771,523										192,910,942	

AY	<i>Historical Loss Development Factors</i>									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.101	1.032	1.011	1.006	1.002	1.002	1.000	1.000	0.999	
2013	1.113	1.032	1.021	1.008	1.004	1.001	1.000	1.000		
2014	1.117	1.033	1.024	1.009	1.002	1.001	1.001			
2015	1.123	1.036	1.019	1.009	1.001	1.000				
2016	1.126	1.044	1.020	1.005	1.004					
2017	1.134	1.044	1.015	1.012						
2018	1.132	1.029	1.030							
2019	1.118	1.051								
2020	1.176									

Weighted to Ult	1.127	1.038	1.020	1.008	1.002	1.001	1.000	1.000	0.999	1.000
Excl Last Pt to Ult	1.207	1.071	1.032	1.011	1.003	1.001	1.000	0.999	0.999	1.000
Weighted to Ult	1.121	1.036	1.019	1.007	1.002	1.001	1.000	1.000	1.000	1.000
Excl Last Pt to Ult	1.197	1.067	1.030	1.011	1.004	1.002	1.000	1.000	1.000	1.000

* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

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Property Damage Liability

AY	Reported Claim Count, Rate Groups A, C, J - Age in Months										Ultimate excl. last point	
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123		Ultimate
2012	26,799	28,027	28,296	28,348	28,385	28,421	28,429	28,437	28,436	28,418	28,418	28,436
2013	27,802	29,260	29,480	29,581	29,635	29,659	29,668	29,670	29,666		29,647	29,669
2014	28,358	30,010	30,201	30,295	30,314	30,327	30,326	30,325			30,303	30,330
2015	28,474	30,001	30,289	30,340	30,360	30,371	30,373				30,354	30,381
2016	28,285	29,922	30,195	30,263	30,283	30,334					30,320	30,314
2017	29,054	30,861	31,078	31,160	31,236						31,250	31,223
2018	30,478	32,519	32,772	33,038							33,094	32,921
2019	29,841	31,757	32,371								32,535	32,160
2020	22,209	24,828									25,193	23,793
2021	27,434										29,597	

AY	Historical Claim Count Development Factors									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.046	1.010	1.002	1.001	1.001	1.000	1.000	1.000	0.999	
2013	1.052	1.008	1.003	1.002	1.001	1.000	1.000	1.000		
2014	1.058	1.006	1.003	1.001	1.000	1.000	1.000			
2015	1.054	1.010	1.002	1.001	1.000	1.000				
2016	1.058	1.009	1.002	1.001	1.002					
2017	1.062	1.007	1.003	1.002						
2018	1.067	1.008	1.008							
2019	1.064	1.019								
2020	1.118									

Weighted to Ult	1.063	1.010	1.003	1.001	1.001	1.000	1.000	1.000	0.999	1.000
Excl Last Pt to Ult	1.079	1.015	1.005	1.002	1.000	1.000	0.999	0.999	0.999	1.000
Excl Last Pt to Ult	1.058	1.008	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000
Excl Last Pt to Ult	1.071	1.013	1.005	1.002	1.001	1.000	1.000	1.000	1.000	1.000

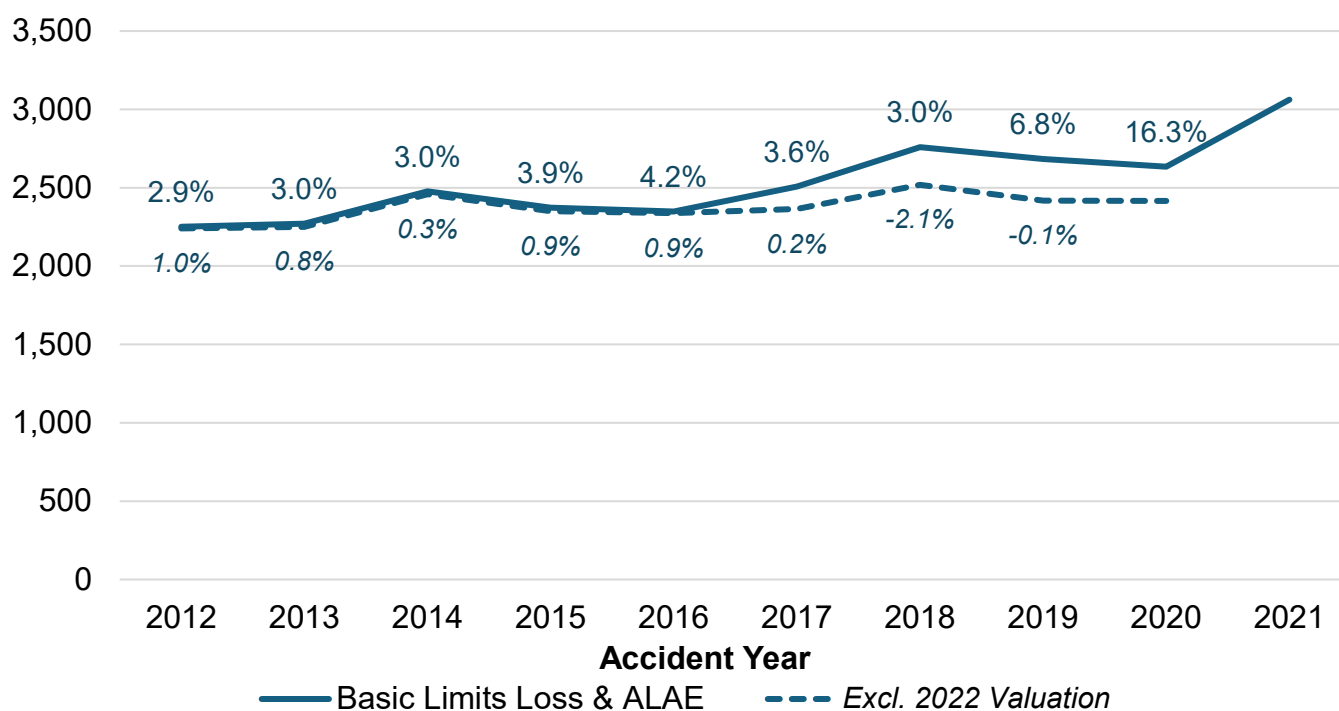
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PIP Basic Limits Loss & ALAE Claim Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<i>Including 3/31/2022 Claim Valuation</i>				<i>Excluding 3/31/2022 Claim Valuation</i>			
AY	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend
2012	3,122,162	1,387	2,251	2.9%	3,102,911	1,385	2,240	1.0%
2013	3,046,224	1,342	2,270	3.0%	3,015,985	1,340	2,251	0.8%
2014	3,573,454	1,443	2,476	3.0%	3,539,627	1,440	2,458	0.3%
2015	3,627,858	1,529	2,373	3.9%	3,588,890	1,527	2,351	0.9%
2016	3,589,431	1,528	2,349	4.2%	3,552,380	1,519	2,339	0.9%
2017	4,272,457	1,704	2,507	3.6%	3,990,353	1,687	2,365	0.2%
2018	4,666,816	1,692	2,758	3.0%	4,179,998	1,660	2,518	-2.1%
2019	4,536,475	1,691	2,683	6.8%	3,818,184	1,579	2,418	-0.1%
2020	3,621,958	1,375	2,633	16.3%	2,848,584	1,179	2,416	
2021	5,815,717	1,899	3,062					

Selected Annual Claim Severity Trend: 1.0%



NOTES

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- (3) = (1) / (2)
- (7) = (5) / (6)
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Personal Injury Protection

AY	Basic Limits Reported Loss & ALAE - Age in Months											Ultimate excl. last point
	<u>@15</u>	<u>@27</u>	<u>@39</u>	<u>@51</u>	<u>@63</u>	<u>@75</u>	<u>@87</u>	<u>@99</u>	<u>@111</u>	<u>@123</u>	<u>Ultimate</u>	
2012	2,351,278	2,953,397	3,045,874	3,077,784	3,102,784	3,100,324	3,099,694	3,100,447	3,102,911	3,122,162	3,122,162	3,102,911
2013	2,178,515	2,719,814	2,925,678	2,961,464	2,980,687	2,998,192	3,005,715	3,013,590	3,027,441		3,046,224	3,015,985
2014	2,282,553	3,109,549	3,465,582	3,476,619	3,484,584	3,502,182	3,531,825	3,541,969			3,573,454	3,539,627
2015	2,341,608	3,226,179	3,431,854	3,510,854	3,562,836	3,567,404	3,588,903				3,627,858	3,588,890
2016	2,422,979	3,192,054	3,428,667	3,511,240	3,521,134	3,535,307					3,589,431	3,552,380
2017	2,487,331	3,591,874	3,852,426	3,928,162	4,195,089						4,272,457	3,990,353
2018	2,693,635	3,581,389	4,051,308	4,498,563							4,666,816	4,179,998
2019	2,515,389	3,421,247	4,239,219								4,536,475	3,818,184
2020	1,907,078	3,069,841									3,621,958	2,848,584
2021	3,616,866										5,815,717	

AY	Historical Loss Development Factors									
	<u>15-27</u>	<u>27-39</u>	<u>39-51</u>	<u>51-63</u>	<u>63-75</u>	<u>75-87</u>	<u>87-99</u>	<u>99-111</u>	<u>111-123</u>	<u>123-Ult</u>
2012	1.256	1.031	1.010	1.008	0.999	1.000	1.000	1.001	1.006	
2013	1.248	1.076	1.012	1.006	1.006	1.003	1.003	1.005		
2014	1.362	1.114	1.003	1.002	1.005	1.008	1.003			
2015	1.378	1.064	1.023	1.015	1.001	1.006				
2016	1.317	1.074	1.024	1.003	1.004					
2017	1.444	1.073	1.020	1.068						
2018	1.330	1.131	1.110							
2019	1.360	1.239								
2020	1.610									

Weighted	1.363	1.103	1.032	1.019	1.003	1.004	1.002	1.003	1.006	1.000
to Ult	1.608	1.180	1.070	1.037	1.018	1.015	1.011	1.009	1.006	1.000
Excl Last Pt	1.338	1.082	1.016	1.007	1.003	1.004	1.001	1.001	1.000	1.000
to Ult	1.494	1.116	1.032	1.016	1.009	1.006	1.002	1.001	1.000	1.000

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Personal Injury Protection

AY	Reported Claim Count, Rate Groups A, C, J - Age in Months										Ultimate excl. last point		
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123		Ultimate	
2012	1,103	1,335	1,367	1,376	1,385	1,385	1,385	1,385	1,385	1,385	1,387	1,387	1,385
2013	1,059	1,263	1,322	1,334	1,338	1,340	1,340	1,340	1,340	1,340		1,342	1,340
2014	1,075	1,369	1,429	1,437	1,440	1,438	1,440	1,441				1,443	1,440
2015	1,088	1,438	1,500	1,519	1,526	1,526	1,526					1,529	1,527
2016	1,117	1,411	1,498	1,513	1,518	1,525						1,528	1,519
2017	1,193	1,594	1,660	1,680	1,699							1,704	1,687
2018	1,240	1,552	1,637	1,678								1,692	1,660
2019	1,152	1,490	1,657									1,691	1,579
2020	877	1,279										1,375	1,179
2021	1,374											1,899	

AY	Historical Claim Count Development Factors									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.210	1.024	1.007	1.007	1.000	1.000	1.000	1.000	1.001	
2013	1.193	1.047	1.009	1.003	1.001	1.000	1.000	1.000		
2014	1.273	1.044	1.006	1.002	0.999	1.001	1.001			
2015	1.322	1.043	1.013	1.005	1.000	1.000				
2016	1.263	1.062	1.010	1.003	1.005					
2017	1.336	1.041	1.012	1.011						
2018	1.252	1.055	1.025							
2019	1.293	1.112								
2020	1.458									

Weighted	1.285	1.054	1.012	1.005	1.001	1.000	1.000	1.000	1.001	1.000
to Ult	1.382	1.075	1.020	1.008	1.003	1.002	1.002	1.001	1.001	1.000
Excl Last Pt	1.269	1.045	1.009	1.004	1.000	1.000	1.000	1.000	1.000	1.000
to Ult	1.344	1.060	1.014	1.004	1.000	1.000	1.000	1.000	1.000	1.000

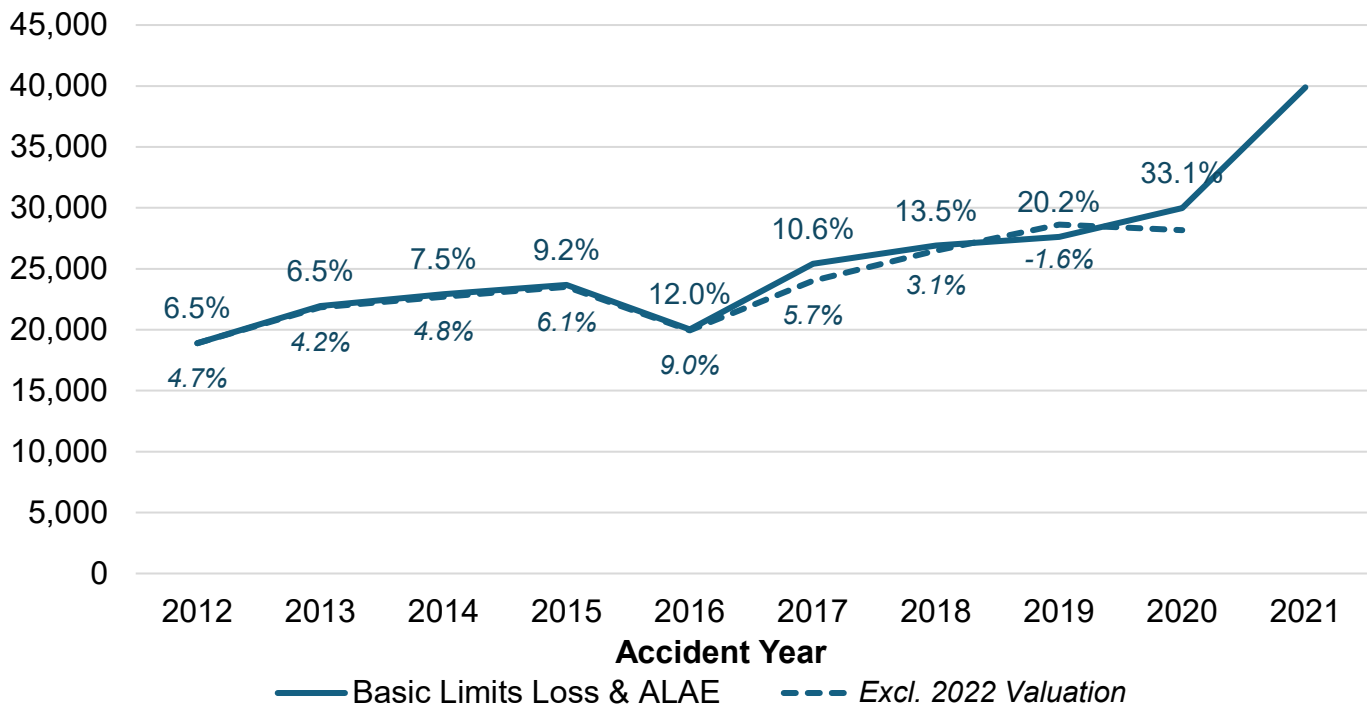
* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

**Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes**

UM/UIM Bodily Injury Basic Limits Loss & ALAE Claim Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<i>Including 3/31/2022 Claim Valuation</i>				<i>Excluding 3/31/2022 Claim Valuation</i>			
AY	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend
2012	9,163,551	485	18,894	6.5%	9,163,551	485	18,894	4.7%
2013	11,130,110	507	21,953	6.5%	10,989,618	503	21,848	4.2%
2014	13,326,192	581	22,923	7.5%	13,132,806	579	22,698	4.8%
2015	14,262,886	602	23,685	9.2%	14,072,713	599	23,510	6.1%
2016	13,085,247	653	20,033	12.0%	12,906,410	647	19,952	9.0%
2017	15,956,335	628	25,412	10.6%	13,854,049	576	24,031	5.7%
2018	18,608,594	692	26,909	13.5%	15,921,715	601	26,482	3.1%
2019	27,783,954	1,006	27,631	20.2%	19,109,378	668	28,626	-1.6%
2020	37,179,860	1,241	29,970	33.1%	19,581,701	695	28,167	
2021	70,801,217	1,775	39,888					

Selected Annual Claim Severity Trend: 4.7%



NOTES

- (1), (5) from Exhibit 5, Page 2
- (2), (6) from Exhibit 5, Page 3
- (3) = (1) / (2)
- (7) = (5) / (6)
- (4) based on exponential fit to (3)
- (8) based on exponential fit to (7)

Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes

UM/UIM Bodily Injury

AY	Basic Limits Reported Loss & ALAE - Age in Months											Ultimate excl. last point
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123	Ultimate	
2012	2,117,038	4,745,836	6,429,302	7,831,770	8,518,293	8,903,964	9,129,018	9,165,371	9,163,551	9,163,551	9,163,551	9,163,551
2013	1,528,467	4,202,218	6,636,307	9,023,651	10,197,655	10,718,500	10,958,536	10,991,801	11,130,110	11,130,110	11,130,110	10,989,618
2014	2,283,575	6,374,656	9,525,831	11,423,614	12,243,091	12,863,608	13,090,048	13,236,564			13,326,192	13,132,806
2015	2,722,103	5,848,968	9,301,127	11,904,808	13,158,110	13,734,528	14,075,265				14,262,886	14,072,713
2016	2,512,787	6,395,293	9,196,623	11,242,201	12,023,011	12,631,023					13,085,247	12,906,410
2017	2,365,762	5,943,590	9,553,688	11,822,082	14,692,813						15,956,335	13,854,049
2018	2,324,841	7,088,969	10,878,720	15,300,216							18,608,594	15,921,715
2019	3,573,413	8,616,441	17,892,401								27,783,954	19,109,378
2020	3,485,407	14,838,545									37,179,860	19,581,701
2021	10,107,970										70,801,217	

AY	Historical Loss Development Factors										
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult	
2012	2.242	1.355	1.218	1.088	1.045	1.025	1.004	1.000	1.000		
2013	2.749	1.579	1.360	1.130	1.051	1.022	1.003	1.013			
2014	2.792	1.494	1.199	1.072	1.051	1.018	1.011				
2015	2.149	1.590	1.280	1.105	1.044	1.025					
2016	2.545	1.438	1.222	1.069	1.051						
2017	2.512	1.607	1.237	1.243							
2018	3.049	1.535	1.406								
2019	2.411	2.077									
2020	4.257										

Weighted	2.796	1.614	1.277	1.120	1.048	1.022	1.007	1.007	1.000	1.000
to Ult	7.004	2.506	1.553	1.216	1.086	1.036	1.013	1.007	1.000	1.000
Excl Last Pt	2.533	1.515	1.249	1.092	1.048	1.021	1.003	1.000	1.000	1.000
to Ult	5.618	2.218	1.464	1.172	1.073	1.025	1.003	1.000	1.000	1.000

* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes

UM/UIM Bodily Injury

AY	Reported Claim Count, Rate Groups A, C, J - Age in Months										Ultimate excl. last point	
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123		Ultimate
2012	252	363	417	454	470	479	485	485	485	485	485	485
2013	206	337	408	467	489	499	502	503	507		507	503
2014	256	418	498	542	561	574	578	579			581	579
2015	280	415	500	560	582	593	599				602	599
2016	305	477	568	611	628	644					653	647
2017	241	395	489	540	606						628	576
2018	239	410	511	635							692	601
2019	271	471	822								1,006	668
2020	306	791									1,241	695
2021	654										1,775	

AY	Historical Claim Count Development Factors									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.440	1.149	1.089	1.035	1.019	1.013	1.000	1.000	1.000	
2013	1.636	1.211	1.145	1.047	1.020	1.006	1.002	1.008		
2014	1.633	1.191	1.088	1.035	1.023	1.007	1.002			
2015	1.482	1.205	1.120	1.039	1.019	1.010				
2016	1.564	1.191	1.076	1.028	1.025					
2017	1.639	1.238	1.104	1.122						
2018	1.715	1.246	1.243							
2019	1.738	1.745								
2020	2.585									

Weighted to Ult	1.730	1.282	1.123	1.051	1.022	1.009	1.001	1.004	1.000	1.000
Excl Last Pt to Ult	2.714	1.568	1.223	1.089	1.036	1.014	1.005	1.004	1.000	1.000
Excl Last Pt to Ult	1.603	1.205	1.102	1.036	1.020	1.008	1.001	1.000	1.000	1.000
Excl Last Pt to Ult	2.272	1.417	1.177	1.068	1.030	1.009	1.001	1.000	1.000	1.000

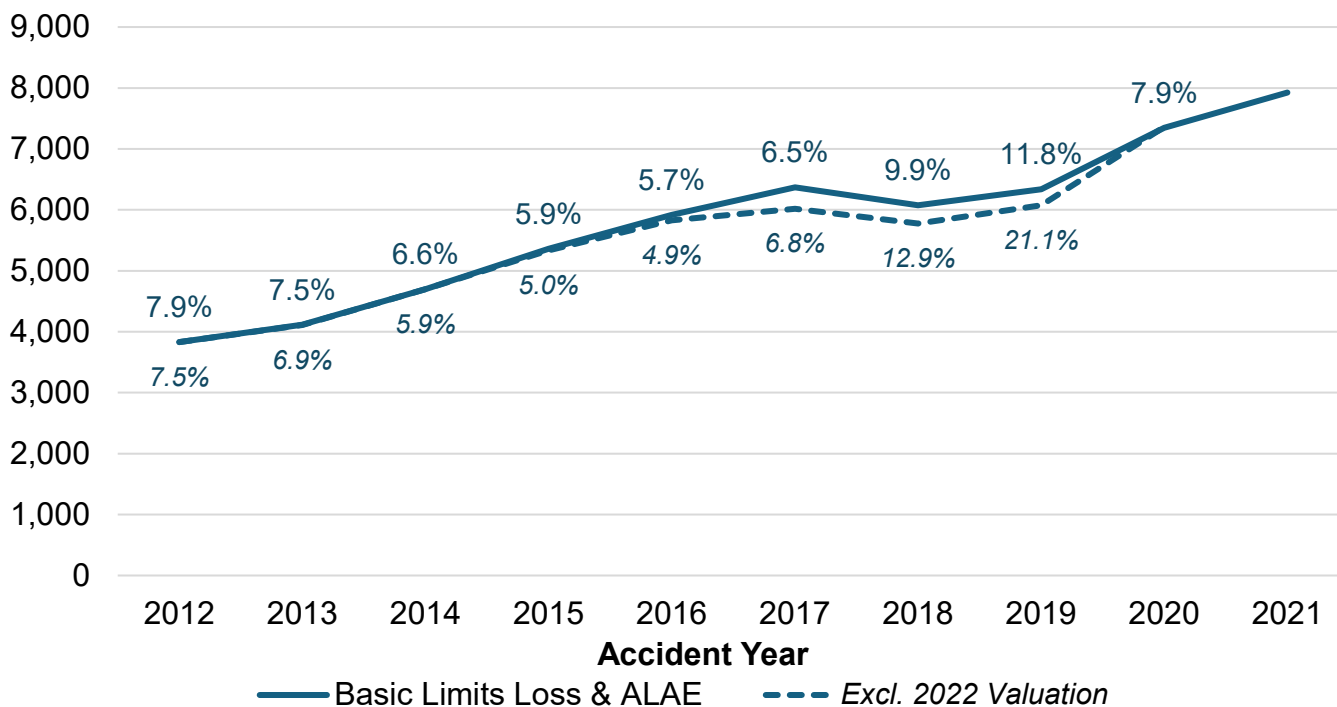
* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

**Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes**

UM/UIM Property Damage Basic Limits Loss & ALAE Claim Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<i>Including 3/31/2022 Claim Valuation</i>				<i>Excluding 3/31/2022 Claim Valuation</i>			
AY	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend	Ultimate Loss/ALAE	Ultimate Claim Ct.	Claim Severity	Annual Trend
2012	6,641,552	1,734	3,830	7.9%	6,637,036	1,733	3,830	7.5%
2013	6,907,394	1,679	4,114	7.5%	6,886,299	1,675	4,111	6.9%
2014	8,609,694	1,832	4,701	6.6%	8,583,292	1,827	4,698	5.9%
2015	10,552,885	1,969	5,359	5.9%	10,466,791	1,962	5,335	5.0%
2016	12,704,919	2,146	5,919	5.7%	12,418,470	2,131	5,828	4.9%
2017	12,280,204	1,928	6,370	6.5%	11,521,381	1,915	6,016	6.8%
2018	11,815,695	1,945	6,075	9.9%	11,092,649	1,921	5,776	12.9%
2019	11,204,748	1,767	6,340	11.8%	10,629,479	1,749	6,077	21.1%
2020	11,999,267	1,634	7,344	7.9%	11,865,869	1,612	7,361	
2021	12,834,651	1,620	7,925					

Selected Annual Claim Severity Trend: 5.0%



NOTES

- (1), (5) from Exhibit 6, Page 2
- (2), (6) from Exhibit 6, Page 3
- (3) = (1) / (2)
- (7) = (5) / (6)
- (4) based on exponential fit to (3)
- (8) based on exponential fit to (7)

Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes

UM/UIM Property Damage

AY	<i>Basic Limits Reported Loss & ALAE - Age in Months</i>											Ultimate excl. last point
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123	Ultimate	
2012	6,261,811	6,408,568	6,460,686	6,496,980	6,665,375	6,650,188	6,646,874	6,637,919	6,637,036	6,641,552	6,641,552	6,637,036
2013	6,551,288	6,597,571	6,692,711	6,856,818	6,850,535	6,850,790	6,887,559	6,887,215	6,902,697		6,907,394	6,886,299
2014	7,088,530	7,736,843	8,200,378	8,387,230	8,469,181	8,590,820	8,590,336	8,594,563			8,609,694	8,583,292
2015	7,790,181	9,279,323	9,930,504	10,202,472	10,308,406	10,459,770	10,536,754				10,552,885	10,466,791
2016	9,673,739	10,832,432	11,897,770	12,211,013	12,311,751	12,642,793					12,704,919	12,418,470
2017	9,500,879	10,376,064	10,818,773	11,306,949	12,060,864						12,280,204	11,521,381
2018	9,547,485	10,343,857	10,599,496	11,357,951							11,815,695	11,092,649
2019	9,303,835	9,681,202	10,412,975								11,204,748	10,629,479
2020	9,967,332	10,592,776									11,999,267	11,865,869
2021	10,477,025										12,834,651	

AY	<i>Historical Loss Development Factors</i>									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.023	1.008	1.006	1.026	0.998	1.000	0.999	1.000	1.001	
2013	1.007	1.014	1.025	0.999	1.000	1.005	1.000	1.002		
2014	1.091	1.060	1.023	1.010	1.014	1.000	1.000			
2015	1.191	1.070	1.027	1.010	1.015	1.007				
2016	1.120	1.098	1.026	1.008	1.027					
2017	1.092	1.043	1.045	1.067						
2018	1.083	1.025	1.072							
2019	1.041	1.076								
2020	1.063									

Weighted to Ult	1.081	1.053	1.034	1.022	1.013	1.003	1.000	1.001	1.001	1.000
Excl Last Pt to Ult	1.225	1.133	1.076	1.040	1.018	1.005	1.002	1.002	1.001	1.000
Excl Last Pt to Ult	1.084	1.049	1.027	1.010	1.008	1.001	0.999	1.000	1.000	1.000
Excl Last Pt to Ult	1.190	1.098	1.047	1.019	1.009	1.001	0.999	1.000	1.000	1.000

* - data from 2022 Texas Commercial Auto Liability Benchmark Reports

Texas Automobile Insurance Plan Association
Rate Filing Effective 9/1/2024
Commercial Auto Liability
Calculation of Indicated Rate Changes

UM/UIM Property Damage

AY	Reported Claim Count, Rate Groups A, C, J - Age in Months										Ultimate excl. last point	
	@15	@27	@39	@51	@63	@75	@87	@99	@111	@123		Ultimate
2012	1,711	1,735	1,743	1,744	1,743	1,738	1,737	1,735	1,733	1,734	1,734	1,733
2013	1,626	1,662	1,665	1,678	1,677	1,677	1,677	1,677	1,678		1,679	1,675
2014	1,701	1,787	1,815	1,825	1,826	1,831	1,830	1,831			1,832	1,827
2015	1,767	1,916	1,960	1,964	1,965	1,966	1,969				1,969	1,962
2016	1,927	2,076	2,125	2,131	2,135	2,146					2,146	2,131
2017	1,783	1,877	1,902	1,918	1,925						1,928	1,915
2018	1,831	1,906	1,915	1,940							1,945	1,921
2019	1,650	1,722	1,753								1,767	1,749
2020	1,513	1,599									1,634	1,612
2021	1,510										1,620	

AY	Historical Claim Count Development Factors									
	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111	111-123	123-Ult
2012	1.014	1.005	1.001	0.999	0.997	0.999	0.999	0.999	1.001	
2013	1.022	1.002	1.008	0.999	1.000	1.000	1.000	1.001		
2014	1.051	1.016	1.006	1.001	1.003	0.999	1.001			
2015	1.084	1.023	1.002	1.001	1.001	1.002				
2016	1.077	1.024	1.003	1.002	1.005					
2017	1.053	1.013	1.008	1.004						
2018	1.041	1.005	1.013							
2019	1.044	1.018								
2020	1.057									

Weighted	1.050	1.013	1.006	1.001	1.001	1.000	1.000	1.000	1.001	1.000
to Ult	1.073	1.022	1.008	1.002	1.002	1.000	1.000	1.000	1.001	1.000
Excl Last Pt	1.049	1.013	1.004	1.000	1.000	1.000	0.999	0.999	1.000	1.000
to Ult	1.065	1.016	1.003	0.998	0.998	0.998	0.998	0.999	1.000	1.000

* - data from 2022 Texas Commercial Auto Liability Benchmark Reports