

Actuarial Committee

Meeting Agenda

Date	Time	Location	Staff Contact
September 17, 2024	9:30 AM	Microsoft Teams Webinar	Sean Cooper
1901 Harrison Street, 17 th Floor • Oakland, CA 94612 • 415.777.0777 • Fax 415.778.7007 • www.wcirb.com • wcirb@wcirb.com			

Released: September 11, 2024

To Members of the Actuarial Committee, WCIRB Members and All Interested Parties:

This meeting is Open to the Public.

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I. Approval of Minutes

Meeting held on June 27, 2024

II. Working Group Meeting Summaries

Actuarial Research Working Group Meeting held August 14, 2024

III. Unfinished Business

A. AC02-03-03: Experience of Large Deductible Policies

IV. New Business

A. AC24-09-01: Third Quarter 2024 Review of Diagnostics

B. AC24-09-02: 6/30/2024 Experience Review

C. AC24-09-03: Experience Rating – Credibility Methodology for D-Ratios

V. Matters Arising at Time of Meeting

VI. Next Meeting Date: December 10, 2024

VII. Adjournment

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Actuarial Research Working Group

Meeting Summary

To: Participants of the Actuarial Research Working Group
Date: September 4, 2024

RE: Summary of August 14, 2024 Meeting

Discussion Topics

At the meeting, the following topics were discussed.

A. Classification Ratemaking - Credibility

The Working Group was reminded that, as part of a multi-year comprehensive review of the classification ratemaking process, the WCIRB is exploring ways to improve the performance of the classification credibility methodology. The Working Group was reminded that prior studies regarding loss development, wage inflation adjustments, and loss limitations included reviews of the calculation of the adjusted payroll and loss values used to derive the adjusted loss to payroll ratio which serves as the observed classification value. A Working Group member asked how the single loss limit of \$500,000 for loss development was split between indemnity and medical losses. Staff noted that indemnity and medical losses were pro-rated based on their unlimited losses.

Staff noted that this study will review the calculation of the Adjusted Loss to Payroll Ratio (observed values), the Expected Limited Loss to Payroll Ratio adjusted for NAICS differential (expected values), and the credibility calculation. The Working Group was shown the details of each of these calculations. Staff noted that the calculation of the observed values has been extensively reviewed in recent years and the volume of data used in the calculation (number of years) would be reexamined.

A Working Group member noted that several reforms had taken place since the parameters used in the credibility formula had been updated. Staff noted that this study was intentionally undertaken after the completion of prior studies, but that a more frequent update schedule is likely appropriate and would be investigated as part of this study. A Working Group member asked if ALAE costs have ever been contemplated for use in classification relativity calculations. Staff noted that carrier differences in ALAE reporting have occasionally caused issues in aggregate ratemaking and that these differences would likely be amplified at a classification level.

Staff presented preliminary results for updating the full credibility constant for the indemnity component using a method consistent with prior parameterizations. This method compares the size of classifications to the relative variance of their observed and expected values. Staff noted that this methodology would result in a credibility constant of about 250 indemnity claims and that the current constant is 400 indemnity claims. Staff noted that a prior study showed that the accuracy of observed values outperformed the current calculation for classifications with a current credibility of about 80% or greater.

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Staff noted that this suggested the indicated constant of 250 indemnity claims is reasonable since $\sqrt{250/400} \sim 80\%$. A Working Group member asked if a decrease of this magnitude was expected. Staff noted that the increase in claim closing rates since the prior update has led to inter-classification differences manifesting at earlier maturities and intra-classification experience being less volatile year-to-year. These factors would both lead to increased credibility via a smaller credibility constant.

Staff recommended continuing using this approach by applying the current methodology for all available past filing periods. This study would ultimately update the credibility formula's full credibility constants and exponents. The volume of data used in the calculation of the Adjusted Loss to Payroll Ratio will also be reviewed.

The Working Group was generally supportive of staff's recommendations.

B. Experience Rating D-Ratio Credibility Review

Staff informed the Working Group that there was significant volatility in credibility-weighted D-Ratios for recent years which could reduce the safety incentive due to potential volatility in the promulgated experience modifications. The Working Group was reminded that, due to the volatility of indicated credibility constants, the classical credibility approach was replaced by a Bühlmann credibility approach in 2020. Bühlmann credibility was chosen because of consistency in the credibility constants from year to year, fewer assumptions required, and intuitive parameterization. Staff presented updated analysis of the volatility and the impact on experience modifications of the two approaches.

Staff analyzed the volatility in credibility-weighted D-Ratios due to the variability in the underlying data and the uncertainty in the parameter estimates for both credibility approaches. Staff found that smaller classifications tend to have more volatile empirical D-Ratios. Staff summarized the Bühlmann credibility approach and noted the Variance of Hypothetical Means (VHM) has been increasing which decreases the calculated credibility constants, increases the credibility of classifications, and leads to volatile credibility-weighted D-Ratios for small and mid-size classifications. This is due to increases in closing rates as differences in classifications increase as claims approach ultimate. A Working Group member commented that the increase in closing rate has flattened out in recent years, so the Bühlmann credibility constants should also stop decreasing. Staff advised that credibility constants increased in the most recent projection year.

Staff reviewed the performance of the classical credibility and Bühlmann credibility approaches using coefficient of variation (CV) and mean squared error (MSE) to measure stability and accuracy. Staff noted the classical credibility approach produces more stable but slightly less accurate credibility-weighted D-Ratios than the Bühlmann credibility approach.

Staff noted that the volatility of the estimated classical credibility constants is due to the methodology for deriving full credibility constants from the CV of the D-Ratios. Staff considered alternative parameterizations and presented an example of an alternative that constrains the CV and minimizes the MSE. This alternative yields similar stability and accuracy to the existing classical credibility approach. Staff also presented an alternative parameterization of the Bühlmann credibility approach with different weights. This alternative approach has very similar stability and accuracy as the current approach.

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Staff compared the advantages and disadvantages for the four approaches and summarized the impact on promulgated experience modifications of implementing different credibility methods. Staff concluded that none of the four credibility methods consistently outperforms the others and that the difference in efficiency between full credibility and no credibility is small.

Finally, staff requested feedback on two alternatives, continuing with the current credibility framework or simplifying the D-Ratio calculation to use losses at the RHG level only. The Working Group members generally support simplifying the methodology, but also expressed concern about the impact of this change. Staff plans to provide impact analysis at the next Actuarial Committee meeting.

C. Retrospective Rating Plan Data Artifacts

Staff shared two sample data layouts related to excess loss development that can be derived from the simulation database underlying the California Retrospective Rating Plan (Plan). The first table shows the relativity of limited loss development factors to ultimate for several maturities. The sample relativities, shown for several loss limits and by Retro Hazard Groups (RHG), are all relative to the overall unlimited development factors on open claims for the given maturity. Staff noted that development factor relativities are shown instead of development factors because aggregate development factors derived from the simulation database will differ from development factors selected for ratemaking. The user selects the unlimited development factors to be used with the relativities. Group members expressed interest in including relativities to the unlimited development factor for the RHG in addition to the relativities to all open claims.

The second table shows ratios of paid-to-incurred losses by maturity, loss layer, and RHG. Staff noted that layers above \$2,000,000 would be collapsed because incurred losses are smoothed above this point. Working Group members expressed interest in having both tables published wherever data volume is sufficient, with null or blank values published when data volume is insufficient.

Item AC02-03-03

Experience of Large Deductible Policies

Beginning with the year 2000 evaluation, the WCIRB has issued annual data calls for calendar year premium and pure premium data and December 31 evaluations of accident year loss, allocated loss adjustment expense, and claim count experience for large deductible policies. Annually, the Committee reviews the summarized large deductible experience. In these annual reviews, the Committee generally found (a) the percentage of business written on a large deductible basis had been relatively stable, (b) claim reporting and development patterns for experience written on a large deductible basis were similar to those of non-large deductible policies and (c) the impact of excluding the large deductible experience from the rate level calculation has been relatively modest. As a result, the Committee has generally agreed that no adjustment to statewide experience to address large deductible policies is necessary. The Committee also agreed that annual reviews of updated large deductible experience should continue and the results monitored and presented to the Committee.

Included as Exhibits 1 through 7 is the summary of December 31, 2023 large deductible experience. For comparison purposes, Exhibits 1 through 7 also include analogous information summarizing the non-large deductible experience of insurers writing a large volume of large deductible experience, the experience of all non-large deductible policies and the total statewide experience. Note that COVID-19 claims are included in the information shown in Exhibits 1 through 7 for accident years 2020 and forward.

Below is a high-level overview of Exhibits 1 through 7.

- Distribution of calendar year premiums and losses – Exhibit 1.1
- Ratios of premiums at insurer rate level to pure premium rate level – Exhibit 1.2
- Reported calendar/accident year loss ratios – Exhibit 2
- Loss and ALAE development factors – Exhibits 3.1 to 3.6
- Average claim severities – Exhibits 4.1 to 4.9
- Ratios of paid to incurred losses – Exhibits 5.1 and 5.2
- Claim count development factors – Exhibits 6.1 and 6.2
- Indemnity claim settlement ratios – Exhibit 7

Distribution of Calendar Year Premium and Losses

Calendar Year	Written Premium at Insurer Rate Level				Earned Premium at Insurer Rate Level			
	LD Insurers		Other		LD Insurers		Other	
	Large Ded. ^[1]	Non-LD	Non-LD	All	Large Ded. ^[1]	Non-LD	Non-LD	All
2009	29.8%	34.2%	36.0%	100.0%	32.0%	32.9%	35.1%	100.0%
2010	33.2%	32.5%	34.4%	100.0%	33.7%	32.1%	34.2%	100.0%
2011	33.6%	35.3%	31.2%	100.0%	33.4%	35.6%	31.0%	100.0%
2012	35.1%	34.9%	30.0%	100.0%	35.0%	35.6%	29.4%	100.0%
2013	37.2%	29.4%	33.4%	100.0%	36.8%	30.9%	32.3%	100.0%
2014	36.9%	27.0%	36.2%	100.0%	36.3%	27.0%	36.7%	100.0%
2015	34.5%	27.4%	38.2%	100.0%	34.3%	27.7%	38.0%	100.0%
2016	33.0%	32.5%	34.6%	100.0%	34.0%	32.5%	33.5%	100.0%
2017	33.4%	35.3%	31.3%	100.0%	33.3%	35.6%	31.2%	100.0%
2018	33.3%	35.9%	30.8%	100.0%	33.6%	35.9%	30.6%	100.0%
2019	34.2%	35.7%	30.1%	100.0%	34.7%	35.3%	30.0%	100.0%
2020	32.7%	36.0%	31.4%	100.0%	32.9%	36.4%	30.7%	100.0%
2021	30.5%	35.7%	33.9%	100.0%	30.5%	36.0%	33.5%	100.0%
2022	32.5%	30.5%	37.0%	100.0%	32.1%	30.9%	37.0%	100.0%
2023	31.8%	29.5%	38.7%	100.0%	31.7%	29.6%	38.7%	100.0%

Calendar Year	Written Premium at Pure Premium Rate Level				Earned Premium at Pure Premium Rate Level			
	LD Insurers		Other		LD Insurers		Other	
	Large Ded. ^[1]	Non-LD	Non-LD	All	Large Ded. ^[1]	Non-LD	Non-LD	All
2009	32.5%	35.1%	32.4%	100.0%	35.6%	33.0%	31.4%	100.0%
2010	37.6%	33.4%	29.0%	100.0%	37.8%	33.2%	29.1%	100.0%
2011	37.7%	36.1%	26.2%	100.0%	37.7%	36.4%	25.9%	100.0%
2012	40.7%	33.6%	25.7%	100.0%	40.3%	34.7%	25.1%	100.0%
2013	42.1%	28.0%	29.9%	100.0%	41.7%	29.7%	28.7%	100.0%
2014	41.5%	26.2%	32.3%	100.0%	41.1%	26.0%	32.9%	100.0%
2015	38.8%	27.1%	34.1%	100.0%	39.1%	27.2%	33.7%	100.0%
2016	39.0%	31.2%	29.8%	100.0%	39.6%	31.3%	29.1%	100.0%
2017	39.4%	33.5%	27.1%	100.0%	39.2%	33.8%	27.1%	100.0%
2018	40.2%	33.2%	26.5%	100.0%	40.0%	33.6%	26.4%	100.0%
2019	42.5%	32.0%	25.5%	100.0%	42.6%	32.0%	25.5%	100.0%
2020	42.2%	31.4%	26.4%	100.0%	42.5%	31.8%	25.7%	100.0%
2021	40.1%	31.1%	28.9%	100.0%	40.1%	31.6%	28.4%	100.0%
2022	42.1%	26.5%	31.3%	100.0%	41.8%	26.7%	31.4%	100.0%
2023	41.8%	25.5%	32.7%	100.0%	41.7%	25.8%	32.5%	100.0%

Calendar Year	Paid Losses				Incurred Losses			
	LD Insurers		Other		LD Insurers		Other	
	Large Ded. ^[1]	Non-LD	Non-LD	All	Large Ded. ^[1]	Non-LD	Non-LD	All
2009	32.8%	27.6%	39.6%	100.0%	25.8%	41.8%	32.4%	100.0%
2010	33.5%	26.3%	40.2%	100.0%	36.1%	32.8%	31.1%	100.0%
2011	32.8%	30.6%	36.7%	100.0%	38.5%	38.8%	22.6%	100.0%
2012	32.6%	32.5%	34.9%	100.0%	35.3%	38.6%	26.1%	100.0%
2013	33.7%	30.6%	35.7%	100.0%	38.0%	33.3%	28.7%	100.0%
2014	35.8%	30.6%	33.7%	100.0%	38.9%	28.0%	33.0%	100.0%
2015	36.3%	30.4%	33.3%	100.0%	41.8%	24.7%	33.5%	100.0%
2016	37.3%	31.5%	31.2%	100.0%	40.6%	29.3%	30.1%	100.0%
2017	37.8%	31.4%	30.8%	100.0%	42.7%	31.8%	25.5%	100.0%
2018	37.4%	30.7%	31.9%	100.0%	38.5%	30.5%	31.0%	100.0%
2019	37.9%	29.9%	32.3%	100.0%	41.2%	35.1%	23.8%	100.0%
2020	37.4%	29.4%	33.2%	100.0%	43.5%	31.3%	25.2%	100.0%
2021	38.9%	28.9%	32.2%	100.0%	40.3%	28.6%	31.1%	100.0%
2022	39.7%	25.7%	34.6%	100.0%	43.1%	23.3%	33.6%	100.0%
2023	40.1%	24.3%	35.6%	100.0%	47.4%	19.8%	32.8%	100.0%

Notes: ^[1] Large deductible policies are defined as policies with a deductible amount per claim or accident of at least \$100,000.

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims and COVID-19 premium charges.

Ratios of Premiums at Insurer Rate Level to Pure Premium Level

Policy Year	Written Premium				Earned Premium			
	LD Insurers		Other		LD Insurers		Other	
	Large Ded. ^[1]	Non-LD	Non-LD	All	Large Ded. ^[1]	Non-LD	Non-LD	All
2009	1.246	1.312	1.575	1.363	1.244	1.322	1.580	1.365
2010	1.218	1.349	1.680	1.381	1.218	1.352	1.683	1.382
2011	1.272	1.414	1.735	1.432	1.274	1.419	1.735	1.432
2012	0.961	1.156	1.271	1.103	0.962	1.156	1.272	1.103
2013	1.015	1.212	1.283	1.150	1.016	1.212	1.285	1.151
2014	0.949	1.141	1.254	1.097	0.949	1.143	1.253	1.098
2015	0.987	1.139	1.282	1.122	0.986	1.142	1.284	1.122
2016	1.000	1.177	1.367	1.159	1.000	1.184	1.363	1.159
2017	1.008	1.226	1.408	1.184	1.008	1.228	1.408	1.184
2018	0.982	1.284	1.438	1.197	0.984	1.279	1.439	1.196
2019	0.961	1.357	1.495	1.221	0.955	1.356	1.494	1.220
2020	0.956	1.373	1.500	1.226	0.952	1.376	1.500	1.227
2021	0.925	1.378	1.491	1.213	0.919	1.375	1.493	1.209
2022	0.885	1.295	1.424	1.158	0.883	1.296	1.432	1.159
2023	0.867	1.252	1.317	1.112	0.854	1.260	1.369	1.114

Notes: ^[1] Large deductible policies are defined as policies with a deductible amount per claim or accident of at least \$100,000.

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 premium charges.

Calendar/Accident Year Loss Ratios as of December 31, 2023

Insurers with Large Deductible Experience ^[1]:

CY/AY	Large Deductible Experience					Non-Large Deductible Experience				
	Indemnity		Medical ^[2]		Total ^[3]	Indemnity		Medical ^[2]		Total ^[3]
	Paid	Incurred	Paid	Incurred		Paid	Incurred	Paid	Incurred	
2009	0.359	0.367	0.498	0.519	0.912	0.297	0.306	0.452	0.471	0.805
2010	0.331	0.339	0.457	0.476	0.842	0.307	0.317	0.464	0.481	0.832
2011	0.301	0.312	0.389	0.412	0.764	0.280	0.289	0.392	0.411	0.790
2012	0.281	0.290	0.328	0.345	0.697	0.234	0.243	0.317	0.332	0.615
2013	0.226	0.234	0.249	0.266	0.619	0.192	0.199	0.244	0.257	0.494
2014	0.221	0.230	0.226	0.243	0.621	0.174	0.182	0.209	0.221	0.445
2015	0.221	0.232	0.216	0.236	0.640	0.163	0.173	0.194	0.210	0.429
2016	0.208	0.220	0.203	0.223	0.603	0.156	0.167	0.177	0.193	0.410
2017	0.216	0.233	0.209	0.235	0.625	0.152	0.167	0.175	0.200	0.426
2018	0.224	0.247	0.223	0.260	0.635	0.155	0.175	0.181	0.208	0.465
2019	0.239	0.273	0.234	0.279	0.704	0.172	0.201	0.185	0.223	0.644
2020	0.249	0.301	0.233	0.301	0.720	0.162	0.205	0.173	0.224	0.582
2021	0.247	0.326	0.240	0.346	0.847	0.142	0.197	0.152	0.221	0.595
2022	0.152	0.232	0.150	0.260	0.767	0.091	0.154	0.102	0.182	0.570
2023	0.052	0.107	0.059	0.158	0.765	0.032	0.085	0.043	0.130	0.528

All Insurers with WC Experience:

CY/AY	All California WC Experience					All Non-Large Deductible Experience				
	Indemnity		Medical ^[2]		Total ^[3]	Indemnity		Medical ^[2]		Total ^[3]
	Paid	Incurred	Paid	Incurred		Paid	Incurred	Paid	Incurred	
2009	0.313	0.324	0.450	0.475	0.832	0.291	0.303	0.427	0.453	0.794
2010	0.299	0.307	0.436	0.452	0.800	0.282	0.291	0.424	0.439	0.777
2011	0.275	0.284	0.372	0.391	0.740	0.261	0.270	0.363	0.380	0.728
2012	0.244	0.253	0.313	0.330	0.633	0.224	0.234	0.305	0.322	0.597
2013	0.205	0.212	0.247	0.262	0.547	0.192	0.200	0.246	0.259	0.505
2014	0.192	0.200	0.218	0.233	0.521	0.176	0.184	0.213	0.227	0.464
2015	0.185	0.194	0.202	0.218	0.511	0.166	0.174	0.194	0.208	0.443
2016	0.173	0.183	0.187	0.204	0.481	0.154	0.164	0.179	0.194	0.417
2017	0.172	0.187	0.187	0.211	0.496	0.151	0.164	0.176	0.199	0.431
2018	0.177	0.197	0.196	0.226	0.522	0.153	0.172	0.182	0.209	0.464
2019	0.194	0.226	0.208	0.249	0.647	0.170	0.201	0.194	0.234	0.617
2020	0.193	0.240	0.202	0.265	0.643	0.165	0.210	0.186	0.247	0.605
2021	0.173	0.237	0.183	0.270	0.684	0.140	0.198	0.158	0.237	0.612
2022	0.112	0.184	0.121	0.221	0.640	0.093	0.162	0.107	0.202	0.581
2023	0.039	0.095	0.047	0.148	0.608	0.032	0.089	0.042	0.143	0.535

Notes:

^[1] Large deductible policies are defined as policies with a deductible amount per claim or accident of at least \$100,000.

^[2] Paid medical for accident years 2011 and subsequent exclude the paid cost of medical cost containment programs (MCCP). Paid medical for accident years 2010 and prior include paid MCCP costs.

^[3] Including IBNR.

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 premium charges.

Incurred Indemnity Development

Large Deductible (LD) Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.862	1.265	1.110	1.062	1.050	1.032	1.025	1.016	1.014	1.011	1.008	1.005	1.005
2006	2.066	1.304	1.123	1.085	1.053	1.034	1.024	1.017	1.014	1.011	1.006	1.005	1.002
2007	2.027	1.318	1.148	1.078	1.052	1.042	1.033	1.015	1.014	1.007	1.012	1.005	1.005
2008	2.075	1.349	1.158	1.079	1.059	1.037	1.026	1.017	1.015	1.006	1.008	1.002	1.008
2009	2.192	1.352	1.158	1.093	1.058	1.033	1.023	1.017	1.011	1.009	1.006	1.006	1.008
2010	2.234	1.349	1.159	1.079	1.057	1.028	1.019	1.014	1.011	1.006	1.006	1.006	1.004
2011	2.159	1.365	1.151	1.077	1.040	1.028	1.020	1.010	1.011	1.006	1.008	1.006	
2012	2.307	1.330	1.144	1.073	1.052	1.027	1.014	1.013	1.007	1.009	1.006		
2013	2.168	1.321	1.146	1.066	1.034	1.021	1.016	1.009	1.009				
2014	2.279	1.350	1.135	1.064	1.033	1.018	1.011	1.006	1.009				
2015	2.249	1.328	1.116	1.060	1.031	1.017	1.013	1.009					
2016	2.255	1.297	1.113	1.054	1.026	1.018	1.015						
2017	2.206	1.294	1.101	1.054	1.027	1.019							
2018	2.243	1.266	1.096	1.053	1.037								
2019	2.204	1.280	1.115	1.064									
2020	2.088	1.280	1.128										
2021	2.167	1.313											
2022	2.177												

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.318	1.199	1.084	1.065	1.045	1.028	1.020	1.021	1.017	1.008	1.004	1.008	1.006
2006	1.725	1.218	1.105	1.063	1.046	1.038	1.026	1.018	1.005	1.005	1.001	1.005	1.002
2007	1.752	1.270	1.107	1.054	1.049	1.036	1.022	1.012	1.004	1.002	1.004	1.004	1.002
2008	1.889	1.268	1.117	1.071	1.041	1.031	1.018	1.008	1.008	1.004	1.006	1.008	1.004
2009	1.893	1.269	1.125	1.074	1.049	1.026	1.015	1.010	1.007	1.006	1.004	1.007	1.005
2010	1.917	1.302	1.123	1.066	1.043	1.028	1.015	1.011	1.013	1.006	1.006	1.004	1.003
2011	1.963	1.249	1.136	1.063	1.039	1.020	1.021	1.011	1.010	1.010	1.003	1.005	
2012	1.941	1.273	1.105	1.060	1.035	1.022	1.018	1.013	1.004	1.007	1.007		
2013	1.869	1.231	1.089	1.041	1.031	1.016	1.008	1.005	1.005	1.005			
2014	1.856	1.234	1.095	1.050	1.033	1.011	1.012	1.005	1.009				
2015	1.896	1.223	1.093	1.048	1.027	1.017	1.009	1.010					
2016	1.818	1.229	1.087	1.049	1.030	1.018	1.010						
2017	1.881	1.215	1.081	1.043	1.032	1.016							
2018	1.810	1.223	1.084	1.046	1.023								
2019	1.839	1.228	1.102	1.049									
2020	1.797	1.241	1.111										
2021	1.852	1.258											
2022	1.871												

All California WC Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.503	1.218	1.098	1.068	1.053	1.040	1.028	1.016	1.012	1.005	1.005	1.006	1.003
2006	1.690	1.247	1.111	1.080	1.053	1.035	1.023	1.015	1.009	1.007	1.004	1.005	1.002
2007	1.784	1.273	1.120	1.070	1.049	1.037	1.022	1.012	1.011	1.005	1.007	1.010	1.001
2008	1.858	1.302	1.136	1.074	1.045	1.030	1.019	1.012	1.009	1.006	1.007	1.006	1.005
2009	1.983	1.293	1.142	1.076	1.048	1.023	1.019	1.014	1.009	1.011	1.005	1.008	1.007
2010	1.994	1.315	1.131	1.069	1.045	1.026	1.016	1.012	1.012	1.006	1.004	1.004	1.004
2011	1.997	1.277	1.133	1.061	1.037	1.022	1.019	1.012	1.008	1.007	1.004	1.005	
2012	1.992	1.279	1.113	1.063	1.041	1.023	1.016	1.013	1.007	1.007	1.005		
2013	1.931	1.259	1.111	1.055	1.032	1.021	1.013	1.007	1.006	1.006			
2014	1.960	1.278	1.115	1.059	1.030	1.016	1.011	1.006	1.009				
2015	1.969	1.260	1.101	1.049	1.027	1.017	1.009	1.008					
2016	1.941	1.246	1.097	1.046	1.026	1.017	1.011						
2017	1.913	1.243	1.088	1.043	1.029	1.016							
2018	1.906	1.228	1.083	1.045	1.028								
2019	1.900	1.231	1.101	1.052									
2020	1.831	1.236	1.108										
2021	1.905	1.252											
2022	1.936												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.376	1.196	1.090	1.070	1.055	1.045	1.030	1.016	1.011	1.002	1.003	1.006	1.001
2006	1.577	1.217	1.104	1.077	1.052	1.036	1.022	1.014	1.006	1.005	1.002	1.005	1.003
2007	1.687	1.252	1.107	1.065	1.048	1.034	1.016	1.010	1.010	1.003	1.004	1.012	1.000
2008	1.777	1.280	1.126	1.072	1.037	1.026	1.015	1.009	1.006	1.005	1.006	1.008	1.003
2009	1.896	1.264	1.134	1.068	1.043	1.017	1.017	1.013	1.008	1.010	1.005	1.009	1.006
2010	1.889	1.298	1.116	1.062	1.037	1.025	1.015	1.011	1.012	1.006	1.003	1.003	1.004
2011	1.926	1.233	1.126	1.053	1.035	1.019	1.018	1.012	1.007	1.008	1.002	1.005	
2012	1.847	1.254	1.094	1.057	1.033	1.021	1.016	1.013	1.007	1.005	1.004		
2013	1.820	1.223	1.090	1.047	1.030	1.020	1.011	1.006	1.004	1.004			
2014	1.797	1.234	1.101	1.056	1.026	1.014	1.010	1.005	1.010				
2015	1.831	1.219	1.091	1.039	1.024	1.016	1.016	1.005	1.008				
2016	1.788	1.214	1.083	1.041	1.025	1.016	1.009						
2017	1.763	1.208	1.080	1.035	1.028	1.014							
2018	1.728	1.203	1.074	1.036	1.022								
2019	1.744	1.200	1.088	1.043									
2020	1.699	1.207	1.094										
2021	1.762	1.212											
2022	1.801												

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Incurred Medical Development *

Large Deductible (LD) Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.558	1.180	1.094	1.077	1.065	1.049	1.035	1.031	1.019	1.019	1.009	1.003	1.005
2006	1.618	1.200	1.124	1.086	1.054	1.044	1.036	1.027	1.018	1.005	1.002	1.005	1.000
2007	1.579	1.224	1.131	1.078	1.069	1.067	1.037	1.023	1.008	1.004	1.005	1.003	0.999
2008	1.631	1.224	1.131	1.091	1.075	1.048	1.034	1.016	1.005	1.005	1.005	0.999	1.000
2009	1.646	1.237	1.130	1.104	1.072	1.041	1.022	1.010	1.009	1.003	1.002	1.002	1.004
2010	1.702	1.234	1.142	1.079	1.056	1.032	1.016	1.008	1.009	1.003	0.999	1.002	1.002
2011	1.654	1.264	1.118	1.072	1.041	1.031	1.012	1.013	1.004	1.006	1.003	1.003	
2012	1.712	1.206	1.110	1.061	1.037	1.019	1.011	1.005	1.005	1.004	1.005		
2013	1.612	1.185	1.105	1.043	1.025	1.014	1.009	1.004	1.006	1.005			
2014	1.623	1.178	1.090	1.038	1.030	1.015	1.014	1.010	1.004				
2015	1.583	1.171	1.070	1.052	1.022	1.014	1.011	1.009					
2016	1.608	1.148	1.062	1.034	1.014	1.019	1.008						
2017	1.565	1.145	1.063	1.029	1.021	1.013							
2018	1.603	1.126	1.065	1.036	1.042								
2019	1.581	1.149	1.071	1.054									
2020	1.575	1.170	1.100										
2021	1.596	1.200											
2022	1.654												

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.235	1.156	1.066	1.073	1.067	1.044	1.033	1.030	1.010	1.007	1.004	1.000	0.997
2006	1.404	1.183	1.107	1.068	1.061	1.043	1.040	1.020	1.012	1.000	0.998	1.004	0.996
2007	1.483	1.216	1.107	1.063	1.063	1.044	1.035	1.017	1.004	0.996	1.000	0.998	1.000
2008	1.537	1.180	1.105	1.097	1.061	1.042	1.027	1.010	1.005	0.999	1.004	0.997	0.999
2009	1.528	1.205	1.143	1.088	1.063	1.030	1.014	1.003	1.000	1.002	1.001	0.999	1.002
2010	1.531	1.243	1.136	1.085	1.047	1.022	1.007	1.008	1.011	1.005	1.001	1.002	1.001
2011	1.585	1.213	1.127	1.075	1.035	1.015	1.016	1.007	1.002	1.004	1.001	1.002	
2012	1.546	1.189	1.094	1.059	1.028	1.015	1.017	1.002	1.004	0.999	1.005		
2013	1.500	1.144	1.087	1.037	1.019	1.012	1.002	0.998	1.004	1.003			
2014	1.438	1.156	1.057	1.023	1.022	1.008	1.007	1.002	1.007				
2015	1.494	1.134	1.061	1.032	1.021	0.996	1.000	1.016					
2016	1.420	1.106	1.047	1.034	1.021	1.006	1.004						
2017	1.430	1.114	1.048	1.027	1.036	1.008							
2018	1.419	1.133	1.056	1.030	1.022								
2019	1.432	1.141	1.078	1.036									
2020	1.434	1.170	1.091										
2021	1.448	1.186											
2022	1.498												

All California WC Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.389	1.172	1.087	1.074	1.084	1.055	1.045	1.032	1.020	1.006	1.006	0.999	1.000
2006	1.460	1.196	1.103	1.081	1.066	1.048	1.040	1.022	1.011	1.000	1.001	1.005	1.000
2007	1.518	1.204	1.124	1.081	1.070	1.050	1.032	1.018	1.004	1.008	1.001	1.004	0.996
2008	1.527	1.212	1.129	1.092	1.061	1.041	1.025	1.010	1.004	1.002	1.005	0.999	0.999
2009	1.604	1.227	1.140	1.087	1.061	1.029	1.016	1.007	1.005	1.009	1.001	1.002	1.003
2010	1.620	1.245	1.134	1.077	1.045	1.025	1.012	1.008	1.010	1.005	0.999	1.002	0.999
2011	1.667	1.222	1.125	1.069	1.034	1.016	1.010	1.011	1.002	1.004	1.003	1.003	
2012	1.592	1.188	1.092	1.056	1.031	1.015	1.016	1.006	1.005	0.999	1.005		
2013	1.559	1.150	1.086	1.039	1.022	1.015	1.006	1.001	1.006	1.004			
2014	1.523	1.159	1.079	1.035	1.028	1.011	1.010	1.007	1.005				
2015	1.511	1.146	1.064	1.031	1.018	1.007	1.005	1.009					
2016	1.498	1.124	1.046	1.031	1.017	1.013	1.005						
2017	1.440	1.119	1.051	1.027	1.025	1.009							
2018	1.452	1.110	1.054	1.032	1.029								
2019	1.452	1.124	1.065	1.043									
2020	1.442	1.150	1.083										
2021	1.453	1.168											
2022	1.510												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	1.316	1.163	1.083	1.072	1.095	1.059	1.051	1.033	1.021	0.998	1.005	0.996	0.997
2006	1.402	1.194	1.092	1.079	1.072	1.050	1.042	1.020	1.008	0.997	1.000	1.006	0.999
2007	1.488	1.194	1.119	1.083	1.070	1.042	1.030	1.015	1.002	1.010	1.000	1.004	0.995
2008	1.482	1.206	1.128	1.093	1.054	1.037	1.021	1.007	1.004	1.001	1.005	0.998	0.998
2009	1.584	1.222	1.144	1.078	1.055	1.023	1.012	1.006	1.004	1.011	1.001	1.003	1.003
2010	1.576	1.250	1.130	1.077	1.039	1.021	1.010	1.008	1.010	1.005	0.999	1.001	0.997
2011	1.657	1.198	1.130	1.066	1.029	1.008	1.009	1.008	1.000	1.002	1.002	1.002	
2012	1.534	1.182	1.083	1.053	1.028	1.013	1.018	1.007	1.004	0.996	1.004		
2013	1.534	1.132	1.075	1.037	1.019	1.014	1.005	0.999	1.006	1.003			
2014	1.465	1.149	1.072	1.033	1.026	1.009	1.007	1.005	1.006				
2015	1.476	1.133	1.061	1.017	1.016	1.002	1.001	1.009					
2016	1.443	1.111	1.035	1.030	1.018	1.009	1.003						
2017	1.379	1.102	1.044	1.026	1.026	1.007							
2018	1.373	1.101	1.048	1.028	1.021								
2019	1.385	1.108	1.059	1.036									
2020	1.378	1.138	1.073										
2021	1.378	1.148											
2022	1.435												

* Incurred medical loss development factors include the paid cost of medical cost containment programs for accident years 2011 and prior.

Paid Indemnity Development

Large Deductible (LD) Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.906	1.562	1.237	1.123	1.082	1.055	1.045	1.035	1.023	1.022	1.015	1.010	1.011
2006	3.135	1.559	1.238	1.143	1.087	1.064	1.045	1.032	1.027	1.022	1.014	1.010	1.008
2007	3.001	1.554	1.262	1.144	1.095	1.069	1.049	1.036	1.032	1.019	1.019	1.011	1.009
2008	3.057	1.614	1.276	1.151	1.102	1.070	1.047	1.031	1.023	1.019	1.014	1.009	1.009
2009	3.244	1.615	1.284	1.165	1.101	1.066	1.047	1.032	1.023	1.017	1.011	1.011	1.013
2010	3.236	1.627	1.285	1.157	1.100	1.065	1.040	1.031	1.022	1.011	1.012	1.011	1.007
2011	3.306	1.619	1.285	1.155	1.087	1.059	1.039	1.024	1.017	1.013	1.011	1.006	
2012	3.265	1.615	1.267	1.142	1.098	1.050	1.034	1.023	1.017	1.014	1.014		
2013	3.275	1.609	1.271	1.138	1.072	1.045	1.027	1.020	1.013	1.013			
2014	3.366	1.660	1.267	1.128	1.069	1.039	1.026	1.017	1.017				
2015	3.410	1.631	1.242	1.124	1.056	1.041	1.024	1.020					
2016	3.447	1.591	1.229	1.103	1.061	1.039	1.030						
2017	3.275	1.574	1.202	1.110	1.068	1.040							
2018	3.327	1.517	1.218	1.113	1.074								
2019	3.164	1.549	1.238	1.117									
2020	3.027	1.514	1.234										
2021	2.974	1.523											
2022	2.988												

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.870	1.516	1.261	1.128	1.071	1.061	1.044	1.039	1.027	1.020	1.014	1.014	1.010
2006	2.864	1.580	1.246	1.142	1.092	1.064	1.048	1.036	1.026	1.019	1.012	1.011	1.009
2007	2.995	1.615	1.246	1.132	1.088	1.065	1.042	1.032	1.027	1.014	1.011	1.009	1.005
2008	3.040	1.590	1.269	1.145	1.088	1.058	1.043	1.026	1.024	1.016	1.012	1.009	1.006
2009	3.014	1.628	1.268	1.153	1.091	1.060	1.044	1.028	1.021	1.015	1.009	1.009	1.009
2010	3.133	1.635	1.285	1.146	1.090	1.063	1.039	1.024	1.019	1.014	1.012	1.012	1.006
2011	3.160	1.610	1.274	1.148	1.087	1.051	1.043	1.026	1.014	1.017	1.009	1.009	
2012	3.030	1.605	1.265	1.132	1.086	1.049	1.039	1.021	1.014	1.012	1.013		
2013	3.082	1.602	1.257	1.125	1.065	1.040	1.024	1.018	1.013	1.009			
2014	3.183	1.631	1.251	1.122	1.067	1.036	1.021	1.016	1.016				
2015	3.278	1.628	1.240	1.110	1.059	1.039	1.028	1.020					
2016	3.147	1.584	1.231	1.106	1.059	1.046	1.025						
2017	3.198	1.568	1.197	1.107	1.063	1.040							
2018	2.987	1.537	1.217	1.110	1.065								
2019	2.992	1.532	1.233	1.126									
2020	2.907	1.541	1.244										
2021	2.873	1.540											
2022	2.946												

All California WC Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.734	1.512	1.235	1.121	1.079	1.060	1.047	1.042	1.028	1.020	1.015	1.013	1.010
2006	2.866	1.539	1.229	1.135	1.090	1.068	1.050	1.035	1.026	1.018	1.016	1.012	1.011
2007	2.905	1.547	1.246	1.140	1.092	1.066	1.046	1.033	1.027	1.020	1.016	1.013	1.013
2008	2.927	1.577	1.271	1.150	1.092	1.060	1.041	1.027	1.023	1.018	1.015	1.010	1.009
2009	3.069	1.616	1.280	1.156	1.092	1.060	1.043	1.031	1.023	1.021	1.011	1.013	1.010
2010	3.157	1.628	1.281	1.147	1.091	1.060	1.038	1.027	1.022	1.013	1.012	1.012	1.007
2011	3.208	1.613	1.266	1.144	1.087	1.056	1.041	1.027	1.016	1.016	1.010	1.007	
2012	3.137	1.597	1.262	1.137	1.087	1.051	1.035	1.023	1.017	1.014	1.012		
2013	3.169	1.606	1.260	1.129	1.072	1.044	1.028	1.020	1.014	1.011			
2014	3.229	1.635	1.257	1.129	1.071	1.039	1.027	1.018	1.017				
2015	3.278	1.618	1.244	1.119	1.058	1.042	1.026	1.018					
2016	3.235	1.586	1.230	1.103	1.060	1.043	1.028						
2017	3.186	1.569	1.210	1.109	1.065	1.041							
2018	3.109	1.526	1.222	1.113	1.071								
2019	3.063	1.549	1.240	1.122									
2020	2.974	1.541	1.237										
2021	2.933	1.529											
2022	2.933												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.653	1.492	1.233	1.119	1.077	1.064	1.048	1.047	1.031	1.018	1.015	1.015	1.010
2006	2.765	1.528	1.223	1.131	1.092	1.070	1.052	1.037	1.025	1.016	1.017	1.013	1.012
2007	2.856	1.544	1.238	1.138	1.091	1.064	1.044	1.032	1.025	1.020	1.014	1.013	1.016
2008	2.869	1.558	1.269	1.150	1.087	1.055	1.038	1.026	1.023	1.017	1.015	1.011	1.010
2009	2.981	1.616	1.278	1.151	1.087	1.057	1.041	1.030	1.023	1.021	1.011	1.014	1.008
2010	3.113	1.629	1.279	1.141	1.085	1.057	1.037	1.025	1.021	1.015	1.012	1.012	1.008
2011	3.155	1.609	1.260	1.138	1.087	1.055	1.043	1.027	1.016	1.017	1.009	1.008	
2012	3.061	1.588	1.259	1.133	1.080	1.051	1.035	1.023	1.017	1.013	1.011		
2013	3.096	1.607	1.253	1.123	1.071	1.043	1.029	1.019	1.014	1.009			
2014	3.147	1.618	1.249	1.129	1.073	1.039	1.027	1.018	1.017				
2015	3.194	1.609	1.244	1.115	1.059	1.043	1.027	1.017					
2016	3.103	1.582	1.231	1.102	1.060	1.045	1.026						
2017	3.121	1.566	1.215	1.110	1.062	1.042							
2018	2.966	1.533	1.225	1.110	1.068								
2019	2.991	1.552	1.238	1.125									
2020	2.936	1.561	1.239										
2021	2.902	1.534											
2022	2.892												

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Paid Medical Development *

Large Deductible (LD) Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.372	1.335	1.203	1.129	1.093	1.066	1.053	1.051	1.031	1.031	1.021	1.017	1.013
2006	2.456	1.380	1.213	1.136	1.087	1.067	1.056	1.039	1.035	1.026	1.019	1.015	1.014
2007	2.374	1.382	1.218	1.131	1.098	1.082	1.053	1.041	1.033	1.022	1.020	1.015	1.009
2008	2.335	1.411	1.220	1.144	1.110	1.076	1.053	1.038	1.028	1.021	1.018	1.012	1.011
2009	2.477	1.427	1.244	1.163	1.106	1.073	1.051	1.035	1.026	1.019	1.013	1.012	1.010
2010	2.508	1.443	1.260	1.155	1.099	1.070	1.043	1.032	1.024	1.014	1.010	1.009	1.008
2011	2.576	1.465	1.244	1.149	1.094	1.061	1.043	1.030	1.019	1.014	1.014	1.010	
2012	2.613	1.444	1.238	1.138	1.089	1.054	1.037	1.023	1.017	1.014	1.014		
2013	2.554	1.444	1.226	1.131	1.069	1.047	1.027	1.022	1.015	1.014			
2014	2.544	1.435	1.212	1.114	1.070	1.043	1.036	1.024	1.018				
2015	2.547	1.409	1.198	1.109	1.059	1.044	1.030	1.025					
2016	2.525	1.385	1.187	1.092	1.065	1.046	1.028						
2017	2.464	1.373	1.164	1.100	1.067	1.044							
2018	2.427	1.347	1.187	1.103	1.075								
2019	2.373	1.401	1.209	1.114									
2020	2.552	1.407	1.212										
2021	2.489	1.419											
2022	2.547												

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.072	1.346	1.212	1.140	1.085	1.072	1.056	1.048	1.031	1.027	1.018	1.013	1.010
2006	2.255	1.397	1.219	1.139	1.098	1.068	1.058	1.035	1.033	1.027	1.014	1.012	1.010
2007	2.383	1.430	1.230	1.136	1.097	1.072	1.051	1.042	1.029	1.017	1.015	1.010	1.007
2008	2.312	1.415	1.240	1.148	1.100	1.070	1.054	1.033	1.022	1.016	1.013	1.010	1.007
2009	2.308	1.444	1.248	1.162	1.107	1.066	1.046	1.029	1.020	1.016	1.009	1.012	1.009
2010	2.420	1.470	1.273	1.154	1.100	1.067	1.042	1.028	1.021	1.021	1.009	1.008	1.007
2011	2.517	1.470	1.258	1.148	1.095	1.051	1.039	1.027	1.018	1.013	1.008	1.009	
2012	2.499	1.478	1.253	1.142	1.085	1.053	1.041	1.020	1.017	1.013	1.013		
2013	2.434	1.469	1.233	1.123	1.071	1.044	1.026	1.023	1.014	1.013			
2014	2.499	1.464	1.217	1.112	1.065	1.037	1.024	1.018	1.015				
2015	2.565	1.440	1.217	1.100	1.060	1.040	1.028	1.021					
2016	2.504	1.401	1.186	1.090	1.060	1.041	1.030						
2017	2.363	1.387	1.165	1.091	1.073	1.038							
2018	2.334	1.372	1.188	1.098	1.062								
2019	2.300	1.406	1.211	1.120									
2020	2.476	1.423	1.223										
2021	2.444	1.432											
2022	2.618												

All California WC Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.251	1.345	1.209	1.138	1.095	1.073	1.054	1.049	1.038	1.031	1.021	1.019	1.014
2006	2.340	1.399	1.220	1.140	1.099	1.068	1.056	1.042	1.033	1.025	1.020	1.015	1.015
2007	2.416	1.413	1.230	1.142	1.097	1.075	1.057	1.041	1.031	1.022	1.020	1.015	1.012
2008	2.325	1.421	1.241	1.148	1.103	1.072	1.051	1.035	1.027	1.018	1.017	1.012	1.009
2009	2.408	1.447	1.251	1.160	1.104	1.067	1.046	1.032	1.024	1.020	1.013	1.014	1.009
2010	2.479	1.468	1.265	1.152	1.096	1.066	1.043	1.030	1.025	1.017	1.013	1.009	1.008
2011	2.580	1.470	1.248	1.145	1.095	1.058	1.041	1.029	1.018	1.015	1.011	1.009	
2012	2.561	1.468	1.247	1.143	1.087	1.056	1.039	1.023	1.019	1.014	1.014		
2013	2.492	1.464	1.238	1.130	1.077	1.048	1.029	1.022	1.016	1.013			
2014	2.518	1.462	1.226	1.121	1.076	1.043	1.033	1.022	1.017				
2015	2.533	1.439	1.217	1.111	1.062	1.044	1.030	1.023					
2016	2.479	1.410	1.197	1.099	1.064	1.048	1.028						
2017	2.372	1.391	1.177	1.104	1.071	1.044							
2018	2.378	1.378	1.197	1.106	1.073								
2019	2.347	1.428	1.219	1.123									
2020	2.516	1.442	1.225										
2021	2.485	1.449											
2022	2.615												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.180	1.354	1.218	1.143	1.099	1.078	1.067	1.066	1.043	1.030	1.021	1.020	1.015
2006	2.270	1.420	1.224	1.143	1.106	1.080	1.068	1.044	1.032	1.024	1.021	1.015	1.015
2007	2.461	1.432	1.238	1.148	1.108	1.083	1.059	1.042	1.030	1.022	1.019	1.014	1.014
2008	2.320	1.428	1.252	1.164	1.108	1.070	1.050	1.033	1.026	1.017	1.016	1.013	1.009
2009	2.371	1.458	1.274	1.169	1.103	1.063	1.043	1.031	1.023	1.019	1.013	1.015	1.009
2010	2.463	1.501	1.277	1.152	1.094	1.064	1.043	1.029	1.024	1.019	1.014	1.008	1.008
2011	2.634	1.488	1.259	1.143	1.095	1.057	1.040	1.027	1.017	1.016	1.009	1.008	
2012	2.527	1.466	1.244	1.137	1.081	1.054	1.038	1.022	1.020	1.013	1.012		
2013	2.455	1.463	1.232	1.121	1.077	1.046	1.028	1.021	1.016	1.013			
2014	2.509	1.458	1.220	1.119	1.075	1.041	1.029	1.020	1.016				
2015	2.503	1.435	1.218	1.107	1.061	1.042	1.028	1.020					
2016	2.444	1.407	1.193	1.098	1.062	1.047	1.028						
2017	2.312	1.389	1.180	1.103	1.070	1.042							
2018	2.330	1.382	1.196	1.103	1.069								
2019	2.322	1.431	1.214	1.123									
2020	2.475	1.447	1.223										
2021	2.462	1.455											
2022	2.633												

* Paid medical loss development factors include the paid cost of medical cost containment programs for accident years 2011 and prior.

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Paid ALAE (Excluding MCCP) Development *

Large Deductible (LD) Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	2.748	1.785	1.347	1.178	1.118	1.080	1.059	1.048	1.036	1.029	1.023	1.017	1.015
2006	4.628	1.744	1.334	1.189	1.116	1.083	1.060	1.047	1.036	1.025	1.019	1.016	1.011
2007	4.057	1.734	1.350	1.191	1.128	1.091	1.063	1.049	1.035	1.026	1.020	1.014	1.010
2008	4.178	1.759	1.363	1.198	1.135	1.090	1.066	1.045	1.030	1.024	1.018	1.012	1.009
2009	4.586	1.793	1.358	1.210	1.132	1.090	1.060	1.038	1.029	1.020	1.014	1.010	1.008
2010	4.680	1.744	1.348	1.199	1.128	1.080	1.054	1.036	1.024	1.015	1.010	1.008	1.007
2011	4.415	1.749	1.344	1.195	1.113	1.077	1.049	1.030	1.018	1.015	1.011	1.009	
2012	4.584	1.755	1.347	1.183	1.110	1.064	1.044	1.026	1.019	1.014	1.011		
2013	4.576	1.717	1.306	1.160	1.087	1.056	1.032	1.022	1.014	1.012			
2014	4.382	1.670	1.286	1.141	1.080	1.052	1.030	1.021	1.016				
2015	4.350	1.638	1.257	1.128	1.071	1.045	1.029	1.024					
2016	4.428	1.614	1.239	1.119	1.068	1.045	1.031						
2017	4.192	1.573	1.225	1.114	1.070	1.047							
2018	3.887	1.555	1.221	1.124	1.075								
2019	3.824	1.563	1.239	1.124									
2020	4.057	1.554	1.251										
2021	3.870	1.604											
2022	4.078												

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		1.625	1.289	1.185	1.106	1.076	1.050	1.046	1.035	1.025	1.022	1.016	1.012
2006	3.124	1.659	1.330	1.179	1.123	1.076	1.062	1.045	1.034	1.026	1.021	1.014	1.011
2007	3.753	1.765	1.341	1.194	1.116	1.087	1.056	1.040	1.029	1.020	1.016	1.013	1.009
2008	4.186	1.755	1.348	1.188	1.119	1.081	1.057	1.039	1.029	1.020	1.015	1.012	1.010
2009	4.072	1.753	1.342	1.192	1.121	1.082	1.052	1.037	1.026	1.018	1.014	1.012	1.009
2010	4.100	1.765	1.348	1.188	1.118	1.076	1.046	1.032	1.024	1.017	1.012	1.009	1.006
2011	4.218	1.721	1.334	1.192	1.111	1.070	1.047	1.033	1.021	1.015	1.010	1.009	
2012	4.196	1.723	1.341	1.179	1.107	1.064	1.044	1.029	1.017	1.012	1.011		
2013	4.338	1.717	1.311	1.174	1.090	1.057	1.034	1.022	1.014	1.014			
2014	4.252	1.644	1.296	1.144	1.088	1.047	1.030	1.019	1.015				
2015	3.964	1.641	1.253	1.133	1.074	1.046	1.026	1.021					
2016	4.223	1.592	1.257	1.122	1.070	1.042	1.031						
2017	3.967	1.552	1.214	1.114	1.068	1.048							
2018	3.832	1.514	1.228	1.120	1.077								
2019	3.463	1.578	1.239	1.137									
2020	4.033	1.579	1.255										
2021	3.885	1.580											
2022	4.072												

All California WC Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005	3.932	1.740	1.330	1.180	1.113	1.079	1.056	1.044	1.035	1.027	1.022	1.016	1.014
2006	3.976	1.727	1.330	1.186	1.120	1.081	1.060	1.046	1.035	1.025	1.019	1.014	1.007
2007	3.957	1.716	1.341	1.194	1.126	1.088	1.060	1.045	1.032	1.023	1.018	1.013	1.009
2008	4.010	1.761	1.368	1.199	1.126	1.085	1.060	1.040	1.029	1.021	1.017	1.012	1.009
2009	4.331	1.775	1.354	1.199	1.126	1.083	1.054	1.037	1.027	1.019	1.014	1.011	1.008
2010	4.293	1.738	1.342	1.190	1.120	1.075	1.049	1.033	1.023	1.017	1.010	1.008	1.006
2011	4.229	1.730	1.350	1.195	1.109	1.072	1.045	1.032	1.019	1.014	1.011	1.009	
2012	4.326	1.767	1.343	1.173	1.105	1.060	1.045	1.026	1.017	1.012	1.010		
2013	4.512	1.704	1.296	1.160	1.085	1.060	1.032	1.021	1.014	1.012			
2014	4.282	1.629	1.284	1.153	1.102	1.062	1.043	1.033	1.028				
2015	4.028	1.628	1.255	1.136	1.070	1.044	1.028	1.022					
2016	4.223	1.603	1.250	1.117	1.068	1.044	1.031						
2017	3.979	1.560	1.217	1.114	1.068	1.047							
2018	3.811	1.530	1.226	1.123	1.075								
2019	3.628	1.569	1.242	1.130									
2020	3.917	1.564	1.252										
2021	3.869	1.593											
2022	4.041												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		1.704	1.309	1.183	1.108	1.077	1.052	1.045	1.034	1.024	1.021	1.015	1.012
2006	3.574	1.710	1.326	1.183	1.124	1.079	1.063	1.044	1.033	1.025	1.020	1.013	1.011
2007	3.865	1.701	1.333	1.197	1.124	1.089	1.057	1.041	1.029	1.021	1.016	1.013	1.009
2008	3.902	1.761	1.370	1.199	1.123	1.081	1.055	1.036	1.028	1.019	1.016	1.012	1.009
2009	4.159	1.761	1.350	1.194	1.121	1.078	1.049	1.036	1.026	1.018	1.014	1.011	1.008
2010	4.055	1.731	1.338	1.183	1.114	1.072	1.045	1.032	1.022	1.018	1.010	1.008	1.006
2011	4.099	1.711	1.328	1.185	1.109	1.070	1.048	1.030	1.020	1.014	1.010	1.008	
2012	4.134	1.709	1.325	1.174	1.105	1.064	1.040	1.027	1.017	1.012	1.010		
2013	4.235	1.675	1.308	1.170	1.091	1.056	1.033	1.022	1.015	1.013			
2014	4.100	1.634	1.296	1.144	1.082	1.046	1.029	1.020	1.015				
2015	3.918	1.630	1.255	1.128	1.070	1.044	1.027	1.020					
2016	4.123	1.595	1.241	1.115	1.069	1.043	1.030						
2017	3.821	1.524	1.209	1.113	1.067	1.047							
2018	3.663	1.507	1.231	1.121	1.076								
2019	3.444	1.574	1.245	1.136									
2020	3.791	1.573	1.253										
2021	3.869	1.583											
2022	4.004												

* Based on private insurer data only.

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Paid MCCP Development

Large Deductible (LD) Experience

	Evaluated as of (months):												
<u>AY</u>	<u>12-24</u>	<u>24-36</u>	<u>36-48</u>	<u>48-60</u>	<u>60-72</u>	<u>72-84</u>	<u>84-96</u>	<u>96-108</u>	<u>108-120</u>	<u>120-132</u>	<u>132-144</u>	<u>144-156</u>	<u>156-168</u>
2012	2.517	1.344	1.185	1.084	1.054	1.033	1.025	1.022	1.013	1.012	1.008		
2013	2.426	1.374	1.158	1.081	1.054	1.034	1.024	1.017	1.014	1.009			
2014	2.610	1.337	1.142	1.083	1.050	1.034	1.020	1.024	1.013				
2015	2.388	1.290	1.136	1.076	1.040	1.030	1.022	1.015					
2016	2.373	1.302	1.141	1.065	1.052	1.031	1.018						
2017	2.431	1.314	1.125	1.078	1.047	1.029							
2018	2.228	1.240	1.138	1.077	1.046								
2019	2.357	1.313	1.143	1.070									
2020	2.408	1.301	1.131										
2021	2.392	1.285											
2022	2.278												

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):												
<u>AY</u>	<u>12-24</u>	<u>24-36</u>	<u>36-48</u>	<u>48-60</u>	<u>60-72</u>	<u>72-84</u>	<u>84-96</u>	<u>96-108</u>	<u>108-120</u>	<u>120-132</u>	<u>132-144</u>	<u>144-156</u>	<u>156-168</u>
2012	2.463	1.341	1.177	1.098	1.051	1.035	1.020	1.006	1.010	1.012	1.011		
2013	2.370	1.350	1.155	1.070	1.051	1.025	1.012	1.011	1.011	1.012			
2014	2.414	1.356	1.126	1.078	1.029	1.023	1.016	1.015	1.016				
2015	2.464	1.304	1.151	1.064	1.034	1.023	1.028	1.016					
2016	2.478	1.278	1.108	1.060	1.045	1.037	1.026						
2017	2.182	1.276	1.136	1.071	1.053	1.031							
2018	2.278	1.303	1.133	1.081	1.055								
2019	2.209	1.322	1.155	1.096									
2020	2.321	1.316	1.167										
2021	2.271	1.425											
2022	2.589												

All California WC Experience

	Evaluated as of (months):												
AY	<u>12-24</u>	<u>24-36</u>	<u>36-48</u>	<u>48-60</u>	<u>60-72</u>	<u>72-84</u>	<u>84-96</u>	<u>96-108</u>	<u>108-120</u>	<u>120-132</u>	<u>132-144</u>	<u>144-156</u>	<u>156-168</u>
2012	2.491	1.279	1.156	1.097	1.056	1.040	1.013	1.014	1.012	1.011	1.000		
2013	2.282	1.333	1.169	1.084	1.056	1.016	1.019	1.015	1.012	1.010			
2014	2.429	1.367	1.145	1.083	1.025	1.030	1.019	1.019	1.014				
2015	2.462	1.301	1.142	1.044	1.038	1.029	1.022	1.015					
2016	2.409	1.294	1.096	1.064	1.048	1.031	1.021						
2017	2.336	1.263	1.129	1.075	1.048	1.030							
2018	2.190	1.268	1.137	1.077	1.049								
2019	2.295	1.317	1.145	1.079									
2020	2.388	1.306	1.142										
2021	2.346	1.331											
2022	2.396												

All Non-Large Deductible Experience

	Evaluated as of (months):												
<u>AY</u>	<u>12-24</u>	<u>24-36</u>	<u>36-48</u>	<u>48-60</u>	<u>60-72</u>	<u>72-84</u>	<u>84-96</u>	<u>96-108</u>	<u>108-120</u>	<u>120-132</u>	<u>132-144</u>	<u>144-156</u>	<u>156-168</u>
2012	2.480	1.353	1.185	1.093	1.050	1.033	1.023	1.009	1.012	1.011	1.011		
2013	2.441	1.379	1.148	1.070	1.048	1.032	1.016	1.014	1.011	1.011			
2014	2.497	1.339	1.131	1.077	1.038	1.026	1.018	1.014	1.014				
2015	2.424	1.314	1.146	1.061	1.035	1.027	1.021	1.016					
2016	2.476	1.286	1.116	1.062	1.044	1.030	1.024						
2017	2.240	1.284	1.135	1.073	1.048	1.030							
2018	2.298	1.300	1.136	1.078	1.053								
2019	2.227	1.321	1.148	1.089									
2020	2.367	1.311	1.154										
2021	2.294	1.385											
2022	2.530												

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Incurred Medical Per Reported Indemnity Claim

Large Deductible (LD) Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				22,000	22,050	23,211	24,388	24,933	25,741	26,304	26,751	27,010	27,098	27,219		
2006			21,653	22,281	23,901	25,183	25,918	26,568	27,373	27,755	27,886	27,917	28,071	28,060		
2007		19,406	21,403	23,839	25,646	26,946	28,818	29,964	30,574	30,803	30,932	31,069	31,143	31,103		
2008	16,326	19,464	23,025	25,799	27,669	29,708	31,266	32,098	32,631	32,777	32,925	33,062	33,016	33,019		
2009	15,828	20,143	24,157	26,650	29,335	31,530	32,559	33,265	33,582	33,880	33,946	34,010	34,079	34,193		
2010	15,699	20,564	24,205	27,377	29,528	30,792	31,724	32,205	32,458	32,682	32,805	32,774	32,836	32,922		
2011	15,740	19,390	23,709	26,302	27,816	28,898	29,764	30,085	30,431	30,562	30,733	30,816	30,925			
2012	14,661	18,984	22,285	24,280	25,696	26,636	27,089	27,403	27,478	27,600	27,676	27,831				
2013	15,097	18,583	21,013	23,094	24,052	24,582	24,924	25,111	25,200	25,342	25,475					
2014	14,926	17,665	20,342	22,058	22,791	23,446	23,748	24,085	24,297	24,400						
2015	14,164	17,350	19,833	21,095	22,139	22,560	22,865	23,127	23,343							
2016	14,391	17,295	19,220	20,226	20,886	21,171	21,583	21,733								
2017	13,992	16,988	19,079	20,206	20,775	21,209	21,489									
2018	14,742	18,104	20,008	21,215	21,957	22,933										
2019	15,292	17,856	20,095	21,392	22,544											
2020	12,899	16,168	18,484	20,199												
2021	14,283	17,376	20,381													
2022	13,643	17,577														
2023	14,264															

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				20,929	19,752	21,687	22,622	24,066	24,655	24,961	25,154	25,285	25,055	24,981		
2006			21,330	21,193	23,042	24,608	26,424	27,326	27,864	28,156	28,051	27,658	27,785	27,864		
2007		20,055	21,420	24,127	25,645	28,330	29,320	30,246	30,732	30,651	30,198	30,188	30,443	30,121		
2008	16,858	20,174	24,139	26,589	29,669	31,336	32,601	33,437	33,419	33,523	33,481	33,681	33,499	33,527		
2009	15,327	20,947	25,032	28,368	30,668	32,922	33,883	33,882	34,346	34,385	34,527	34,538	34,531	34,584		
2010	16,397	21,109	26,335	29,538	31,907	33,278	33,518	33,842	34,042	34,587	34,669	34,574	34,632	34,605		
2011	15,789	21,008	24,652	27,435	29,168	29,617	29,995	30,409	30,892	30,633	30,635	30,841	30,933			
2012	15,951	20,865	24,181	26,206	27,163	27,645	27,989	28,490	28,515	28,608	28,596	28,708				
2013	16,439	20,540	22,928	23,845	24,318	24,737	24,896	24,984	24,845	25,172	25,288					
2014	16,044	18,990	21,092	21,980	22,373	22,764	22,949	23,101	23,224	23,379						
2015	16,576	19,709	21,664	22,749	23,514	23,788	23,596	23,671	24,071							
2016	16,350	19,015	20,549	21,499	22,021	22,612	22,654	22,711								
2017	16,114	18,918	20,567	21,534	22,196	23,017	23,181									
2018	15,704	18,670	20,732	21,727	22,508	22,903										
2019	14,068	17,943	19,904	21,566	22,327											
2020	14,055	16,741	19,460	21,213												
2021	14,632	17,523	20,599													
2022	14,777	18,501														
2023	15,873															

All California WC Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				20,105	20,415	22,239	23,508	24,652	25,496	26,070	26,198	26,390	26,359	26,360		
2006			20,905	21,642	23,480	25,088	26,357	27,336	27,985	28,267	28,273	28,313	28,488	28,455		
2007		19,244	21,415	24,097	26,085	27,951	29,429	30,444	30,973	31,098	31,356	31,401	31,523	31,407		
2008	15,888	19,560	23,505	26,456	28,904	30,640	31,963	32,704	33,010	33,254	33,343	33,494	33,474	33,409		
2009	15,097	20,544	24,827	28,194	30,559	32,447	33,300	33,801	34,222	34,431	34,679	34,755	34,822	34,913		
2010	15,316	20,440	24,993	28,121	30,276	31,455	32,201	32,664	32,923	33,157	33,348	33,265	33,306	33,242		
2011	15,315	20,516	24,368	27,181	28,776	29,659	30,150	30,425	30,616	30,649	30,735	30,782	30,863			
2012	15,489	20,006	23,218	25,070	26,381	27,192	27,595	27,908	28,062	28,174	28,116	28,230				
2013	15,474	19,525	21,811	23,525	24,367	24,881	25,121	25,235	25,237	25,379	25,455					
2014	15,134	18,371	20,905	22,440	23,177	23,772	24,034	24,265	24,419	24,533						
2015	15,268	18,661	21,004	22,313	22,916	23,281	23,419	23,535	23,739							
2016	15,552	18,706	20,615	21,416	22,045	22,399	22,686	22,768								
2017	16,015	18,890	20,764	21,706	22,257	22,804	22,990									
2018	16,645	19,672	21,453	22,510	23,200	23,853										
2019	16,573	19,672	21,625	22,910	23,841											
2020	15,661	18,567	20,981	22,653												
2021	16,200	19,082	21,930													
2022	15,893	19,531														
2023	16,463															

All Non-Large Deductible Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				19,039	19,490	21,689	23,012	24,492	25,356	25,937	25,883	26,036	25,936	25,869		
2006			20,497	21,287	23,246	25,035	26,602	27,771	28,332	28,558	28,494	28,539	28,726	28,681		
2007		19,158	21,422	24,238	26,325	28,504	29,767	30,710	31,193	31,262	31,592	31,587	31,735	31,577		
2008	15,689	19,609	23,755	26,803	29,558	31,138	32,336	33,029	33,213	33,513	33,571	33,729	33,723	33,622		
2009	14,760	20,751	25,181	29,013	31,216	32,941	33,700	34,090	34,576	34,737	35,085	35,170	35,236	35,314		
2010	15,134	20,374	25,419	28,526	30,685	31,813	32,459	32,922	33,185	33,422	33,654	33,541	33,571	33,424		
2011	15,118	21,097	24,714	27,643	29,275	30,057	30,359	30,609	30,715	30,696	30,736	30,764	30,829			
2012	15,902	20,578	23,746	25,516	26,767	27,517	27,890	28,198	28,401	28,508	28,373	28,463				
2013	15,669	20,059	22,268	23,773	24,554	25,058	25,235	25,309	25,259	25,401	25,444					
2014	15,241	18,772	21,230	22,665	23,405	23,963	24,203	24,372	24,491	24,612						
2015	15,852	19,409	21,685	23,030	23,374	23,709	23,748	23,777	23,975							
2016	16,160	19,545	21,468	22,151	22,762	23,159	23,370	23,409								
2017	17,159	20,080	21,833	22,659	23,198	23,817	23,944									
2018	17,733	20,682	22,391	23,355	24,014	24,455										
2019	17,279	20,874	22,647	23,930	24,712											
2020	17,423	20,200	22,712	24,355												
2021	17,378	20,257	23,016													
2022	17,326	20,893														
2023	17,835															

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Paid Indemnity Per Closed Indemnity Claim

Large Deductible (LD) Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		3,432	6,380	9,545	11,315	12,723	13,694	14,576	15,409	15,979	16,544	17,012	17,317	17,580		
2006	1,420	3,383	6,961	10,009	11,877	13,346	14,534	15,544	16,294	17,106	17,708	18,234	18,572	18,920		
2007	1,403	3,709	7,052	10,114	12,231	13,888	15,295	16,507	17,366	18,276	18,996	19,564	19,986	20,385		
2008	1,636	3,939	7,802	10,869	13,270	15,299	17,041	18,248	19,308	20,044	20,767	21,241	21,802	22,058		
2009	1,646	4,328	8,011	11,422	14,453	16,825	18,689	20,143	21,178	22,003	22,675	23,185	23,534	23,851		
2010	1,706	4,209	8,154	11,892	15,073	17,312	19,207	20,565	21,523	22,328	22,959	23,417	23,858	24,002		
2011	1,765	4,459	8,646	12,658	15,760	17,921	19,600	20,800	21,613	22,321	22,633	22,968	23,189			
2012	1,862	4,904	9,517	13,402	16,352	18,626	20,140	21,301	22,157	22,702	23,001	23,522				
2013	2,004	5,344	10,080	13,986	16,928	18,726	20,032	20,986	21,617	22,029	22,325					
2014	2,165	5,976	11,116	15,279	18,149	19,823	21,045	21,923	22,518	22,977						
2015	2,443	6,542	11,927	15,904	18,698	20,295	21,309	22,056	22,687							
2016	2,619	6,862	11,626	15,297	17,452	18,978	20,061	20,898								
2017	2,735	6,888	11,805	15,285	17,562	19,175	20,180									
2018	2,854	7,345	12,179	15,511	17,813	19,548										
2019	3,803	7,315	12,035	16,041	18,860											
2020	3,131	7,057	11,431	15,264												
2021	3,329	7,247	11,539													
2022	3,308	7,283														
2023	3,707															

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		3,114	6,307	8,299	10,617	11,570	12,427	13,249	14,018	14,688	15,191	15,594	15,748	15,939		
2006	1,673	3,802	6,388	9,070	11,325	12,767	13,825	14,893	15,719	16,495	17,174	17,400	17,750	18,023		
2007	1,432	3,628	7,204	10,076	12,103	13,907	15,190	16,297	17,237	17,976	18,349	18,704	19,173	19,046		
2008	1,506	4,203	7,946	11,163	13,794	15,800	17,089	18,555	19,294	19,969	20,556	21,066	21,233	21,585		
2009	1,637	4,079	7,977	11,432	14,041	15,892	17,665	18,779	19,835	20,430	21,235	21,251	21,629	21,874		
2010	1,571	4,243	8,172	11,814	14,561	16,717	18,248	19,556	20,307	21,028	21,232	21,592	21,847	22,218		
2011	1,596	4,448	8,467	11,998	14,774	16,585	17,887	18,850	19,881	20,093	20,575	21,080	21,433			
2012	1,698	4,963	8,997	12,476	14,768	16,593	17,814	18,827	19,282	19,767	20,242	20,580				
2013	2,205	5,468	9,659	12,730	15,012	16,513	17,589	18,057	18,579	19,175	19,420					
2014	2,059	5,315	9,671	13,032	15,307	16,865	17,543	18,150	18,742	19,279						
2015	2,123	5,882	10,316	13,641	15,817	16,878	17,887	18,511	19,373							
2016	2,345	6,232	10,549	13,924	15,754	17,176	18,239	19,090								
2017	2,509	6,526	10,637	13,426	15,451	16,801	18,066									
2018	2,798	6,469	10,316	13,433	15,668	17,281										
2019	2,601	6,695	10,458	14,187	16,744											
2020	2,920	6,449	10,795	14,305												
2021	3,004	6,357	11,177													
2022	2,915	7,524														
2023	3,696															

All California WC Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		2,983	5,751	8,428	10,301	11,464	12,358	13,215	14,263	14,923	15,485	15,993	16,374	16,687		
2006	1,418	3,281	6,304	9,092	11,020	12,441	13,662	14,918	15,791	16,527	17,211	17,701	18,146	18,512		
2007	1,414	3,522	6,797	9,685	11,807	13,537	15,117	16,283	17,208	18,072	18,723	19,221	19,691	20,147		
2008	1,535	3,830	7,483	10,700	13,245	15,515	16,990	18,238	19,218	19,975	20,639	21,160	21,639	21,960		
2009	1,590	4,082	7,859	11,276	14,269	16,358	18,044	19,381	20,403	21,208	21,891	22,324	22,720	23,034		
2010	1,539	4,132	8,049	11,775	14,581	16,626	18,323	19,609	20,486	21,167	21,650	22,122	22,472	22,755		
2011	1,644	4,440	8,536	12,135	14,888	16,866	18,433	19,599	20,463	21,027	21,479	21,788	22,052			
2012	1,776	4,954	9,051	12,557	15,116	17,062	18,378	19,391	20,075	20,558	20,922	21,335				
2013	2,086	5,307	9,523	12,960	15,451	17,145	18,250	19,075	19,613	20,043	20,314					
2014	2,132	5,642	10,170	13,795	16,360	17,934	19,006	19,769	20,364	20,833						
2015	2,340	6,176	10,888	14,496	16,892	18,274	19,268	19,997	20,631							
2016	2,493	6,545	11,038	14,481	16,449	17,825	18,853	19,677								
2017	2,591	6,648	11,144	14,346	16,462	17,857	18,935									
2018	2,875	7,039	11,390	14,635	16,858	18,485										
2019	3,160	7,062	11,452	15,375	17,982											
2020	2,998	6,897	11,470	15,185												
2021	3,028	6,948	11,525													
2022	3,184	7,556														
2023	3,731															

All Non-Large Deductible Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		2,728	5,390	7,778	9,703	10,724	11,580	12,427	13,603	14,318	14,878	15,409	15,834	16,175		
2006	1,417	3,225	5,937	8,560	10,520	11,916	13,157	14,559	15,504	16,196	16,926	17,396	17,903	18,278		
2007	1,419	3,424	6,658	9,444	11,570	13,342	15,019	16,159	17,120	17,960	18,572	19,030	19,528	20,014		
2008	1,486	3,774	7,310	10,608	13,231	15,631	16,962	18,233	19,170	19,938	20,569	21,116	21,550	21,907		
2009	1,563	3,954	7,778	11,198	14,170	16,108	17,696	18,971	19,976	20,768	21,459	21,847	22,269	22,582		
2010	1,456	4,092	7,993	11,711	14,312	16,257	17,846	19,076	19,903	20,521	20,917	21,396	21,695	22,052		
2011	1,588	4,430	8,480	11,863	14,437	16,319	17,806	18,950	19,852	20,332	20,859	21,154	21,436			
2012	1,733	4,981	8,792	12,088	14,426	16,156	17,355	18,303	18,873	19,320	19,721	20,063				
2013	2,132	5,285	9,209	12,375	14,582	16,211	17,224	17,959	18,440	18,880	19,131					
2014	2,114	5,458	9,637	12,931	15,313	16,838	17,817	18,514	19,108	19,579						
2015	2,288	5,976	10,296	13,676	15,841	17,094	18,076	18,795	19,429							
2016	2,431	6,364	10,685	13,983	15,839	17,121	18,117	18,931								
2017	2,513	6,501	10,734	13,760	15,776	17,034	18,156									
2018	2,887	6,846	10,885	14,072	16,246	17,804										
2019	2,869	6,900	11,072	14,935	17,402											
2020	2,908	6,786	11,497	15,132												
2021	2,828	6,743	11,515													
2022	3,098	7,747														
2023	3,747															

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Paid Medical Per Indemnity Claim

Large Deductible (LD) Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				17,062	17,639	19,027	20,362	21,153	22,311	23,103	23,807	24,343	24,780	25,118		
2006			15,415	16,758	18,843	20,559	21,609	22,628	23,632	24,411	25,084	25,591	25,999	26,366		
2007		12,300	14,885	17,941	20,398	22,005	23,929	25,332	26,313	27,223	27,872	28,470	28,920	29,206		
2008	6,887	11,173	15,532	19,019	21,452	23,898	25,923	27,132	28,224	29,074	29,727	30,275	30,653	30,998		
2009	5,447	11,297	16,127	19,720	23,052	25,678	27,391	28,855	29,916	30,719	31,310	31,738	32,135	32,455		
2010	5,307	11,246	15,771	20,007	23,325	25,450	27,284	28,483	29,434	30,100	30,590	30,921	31,215	31,513		
2011	4,706	9,950	14,822	18,754	21,594	23,777	25,334	26,516	27,298	27,892	28,302	28,723	29,037			
2012	4,058	9,497	14,099	17,592	20,305	22,313	23,604	24,574	25,134	25,562	25,920	26,352				
2013	3,983	9,205	13,475	16,865	19,344	20,770	21,831	22,446	22,976	23,323	23,669					
2014	3,940	8,851	13,221	16,397	18,432	19,835	20,731	21,589	22,127	22,563						
2015	3,748	8,916	13,078	16,010	17,920	19,047	19,966	20,624	21,232							
2016	3,907	8,891	12,633	15,251	16,832	18,046	18,988	19,582								
2017	3,866	8,895	12,666	15,007	16,705	17,993	18,913									
2018	4,209	9,392	13,165	15,941	17,794	19,329										
2019	4,387	9,107	13,263	16,398	18,513											
2020	3,583	8,533	12,347	15,194												
2021	4,178	9,205	13,454													
2022	4,000	9,290														
2023	4,353															

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				15,528	15,082	17,069	18,417	20,164	21,110	21,855	22,494	22,938	23,075	23,305		
2006			14,188	14,928	17,709	19,740	21,871	23,103	23,954	24,763	25,394	25,437	25,763	26,209		
2007		11,136	13,271	17,183	19,881	22,801	24,396	25,635	26,730	27,384	27,592	28,030	28,566	28,521		
2008	6,076	10,086	15,412	19,578	23,155	25,503	27,346	28,838	29,541	30,154	30,634	31,094	31,370	31,631		
2009	4,297	10,672	16,097	20,618	23,949	26,737	28,548	29,519	30,703	31,365	31,941	32,210	32,634	32,911		
2010	4,561	10,831	16,899	21,599	25,008	27,522	29,027	30,394	31,217	32,019	32,686	32,882	33,132	33,318		
2011	3,951	10,366	15,534	19,777	22,753	24,636	25,906	26,955	27,963	28,277	28,594	29,096	29,391			
2012	4,272	10,241	15,293	19,276	21,586	23,217	24,465	25,488	26,070	26,526	27,001	27,327				
2013	4,375	9,866	14,659	17,645	19,486	21,005	21,728	22,518	22,994	23,604	23,976					
2014	3,954	9,272	13,678	16,648	18,573	19,674	20,589	21,082	21,597	21,932						
2015	4,065	9,634	14,023	17,195	18,864	20,135	20,951	21,624	22,100							
2016	4,045	9,597	13,740	16,362	17,982	19,185	19,990	20,608								
2017	4,370	9,704	13,587	16,218	17,852	19,239	20,028									
2018	4,388	9,731	13,815	16,490	18,407	19,569										
2019	3,874	9,111	12,997	16,051	18,114											
2020	3,681	8,747	12,804	15,962												
2021	3,970	9,211	13,577													
2022	3,907	9,662														
2023	4,128															

All California WC Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				14,746	15,623	17,252	18,598	19,843	21,124	22,018	22,715	23,242	23,716	24,085		
2006			13,636	15,294	17,629	19,510	21,086	22,424	23,451	24,238	24,887	25,449	25,865	26,252		
2007		10,746	13,642	17,056	19,646	21,822	23,767	25,230	26,298	27,156	27,790	28,371	28,805	29,200		
2008	5,701	10,239	14,949	18,765	21,891	24,376	26,276	27,597	28,593	29,487	30,070	30,580	31,010	31,309		
2009	4,616	10,592	15,625	19,963	23,419	26,000	27,734	29,046	30,170	30,943	31,531	31,979	32,434	32,738		
2010	4,608	10,520	15,872	20,323	23,598	25,825	27,595	28,884	29,792	30,464	31,059	31,439	31,714	31,955		
2011	4,057	9,957	15,064	19,139	21,995	24,245	25,788	26,947	27,678	28,218	28,660	28,977	29,257			
2012	4,090	9,689	14,427	18,093	20,770	22,626	23,961	24,843	25,451	25,947	26,316	26,669				
2013	4,102	9,303	13,786	17,233	19,516	21,105	22,080	22,715	23,228	23,608	23,921					
2014	3,888	8,982	13,463	16,693	18,839	20,318	21,247	21,979	22,478	22,877						
2015	3,885	9,113	13,427	16,605	18,550	19,750	20,673	21,329	21,842							
2016	4,072	9,270	13,360	16,174	17,869	19,090	20,080	20,676								
2017	4,261	9,479	13,535	16,117	17,908	19,273	20,173									
2018	4,445	9,893	13,953	16,910	18,852	20,303										
2019	4,367	9,550	13,958	17,252	19,500											
2020	3,933	9,223	13,584	16,844												
2021	4,195	9,603	14,250													
2022	4,103	9,937														
2023	4,322															

All Non-Large Deductible Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005				13,444	14,483	16,249	17,601	19,101	20,451	21,401	22,094	22,613	23,108	23,494		
2006			12,666	14,482	16,955	18,925	20,793	22,308	23,348	24,140	24,775	25,368	25,787	26,186		
2007		9,923	12,968	16,574	19,234	21,721	23,677	25,174	26,290	27,119	27,744	28,315	28,741	29,197		
2008	5,161	9,759	14,645	18,632	22,124	24,631	26,465	27,847	28,791	29,712	30,256	30,746	31,204	31,479		
2009	4,233	10,229	15,361	20,092	23,616	26,173	27,919	29,150	30,310	31,067	31,654	32,113	32,601	32,896		
2010	4,276	10,135	15,926	20,496	23,746	26,028	27,764	29,108	29,993	30,667	31,323	31,730	31,996	32,205		
2011	3,755	9,961	15,190	19,341	22,204	24,489	26,033	27,180	27,882	28,395	28,854	29,113	29,377			
2012	4,106	9,796	14,612	18,376	21,032	22,808	24,170	24,997	25,635	26,171	26,546	26,855				
2013	4,163	9,358	13,964	17,445	19,618	21,304	22,224	22,873	23,377	23,776	24,069					
2014	3,861	9,056	13,603	16,866	19,079	20,601	21,551	22,210	22,686	23,062						
2015	3,957	9,225	13,630	16,955	18,922	20,166	21,093	21,748	22,203							
2016	4,158	9,495	13,804	16,744	18,510	19,736	20,756	21,354								
2017	4,484	9,845	14,087	16,821	18,672	20,087	20,974									
2018	4,580	10,216	14,465	17,543	19,545	20,941										
2019	4,355	9,843	14,423	17,826	20,164											
2020	4,157	9,692	14,441	17,988												
2021	4,206	9,877	14,808													
2022	4,168	10,389														
2023	4,303															

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Outstanding Indemnity Per Open Indemnity Claim

Large Deductible (LD) Experience

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		10,028	11,277	12,968	15,013	17,433	18,940	20,110	21,110	23,004	22,662	23,588	25,216	25,688	
2006	6,086	9,548	11,897	14,258	17,655	19,986	21,809	20,739	21,868	22,620	23,494	24,814	27,043	27,452	
2007	5,693	9,360	12,196	14,889	16,661	17,621	20,026	23,062	23,266	23,486	23,900	25,503	26,014	27,879	
2008	6,575	10,193	13,205	15,349	16,548	18,440	20,286	21,877	24,504	27,824	28,834	31,290	31,075	35,128	
2009	6,790	10,635	13,094	15,117	17,137	19,002	20,196	22,079	23,814	25,837	28,577	30,961	31,800	32,081	
2010	6,788	10,674	13,115	15,481	17,034	18,446	19,295	20,997	22,393	23,244	26,359	27,416	26,891	25,965	
2011	7,279	10,569	13,711	15,842	17,165	18,452	20,318	23,651	25,128	28,226	28,924	32,229	37,093		
2012	6,834	11,302	13,674	15,309	17,385	19,667	22,837	25,576	28,970	29,815	31,067	30,956			
2013	7,517	11,249	12,890	15,109	16,823	18,529	20,461	23,732	24,850	28,380	29,933				
2014	7,644	11,553	14,390	16,952	19,675	22,005	24,195	26,233	26,964	27,119					
2015	7,394	12,150	15,355	18,049	19,980	22,571	23,737	26,414	27,280						
2016	7,595	12,305	15,367	18,330	20,639	22,016	23,773	25,183							
2017	7,586	13,133	16,749	19,492	22,096	22,468	23,969								
2018	8,156	14,067	17,641	19,422	21,266	22,939									
2019	8,215	13,644	16,343	18,623	21,601										
2020	8,300	13,845	16,817	19,799											
2021	8,159	13,517	17,229												
2022	8,473	14,071													
2023	8,333														

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		10,147	11,746	12,322	14,284	17,374	18,665	19,323	19,724	22,454	23,273	25,649	26,821	30,289	
2006	7,639	11,367	13,199	15,066	16,630	18,499	20,208	22,105	24,242	22,497	22,807	23,279	24,243	21,829	
2007	8,262	11,939	14,256	16,244	17,145	19,128	21,922	24,884	26,378	25,994	27,651	29,922	32,434	35,725	
2008	7,964	12,553	15,097	16,470	18,148	19,778	22,110	23,512	25,908	26,860	28,221	30,672	37,758	41,410	
2009	7,898	12,776	14,792	16,199	17,808	20,395	22,493	24,041	27,054	28,893	32,247	36,275	41,820	43,019	
2010	8,084	12,447	14,688	16,247	17,952	20,027	22,887	25,305	28,424	34,765	39,312	42,275	44,595	47,940	
2011	8,079	12,397	13,983	16,278	17,543	19,980	22,983	25,501	28,860	33,589	36,040	38,482	41,682		
2012	7,825	12,189	14,545	15,504	18,051	20,075	23,785	27,136	32,164	35,260	39,337	41,172			
2013	8,564	13,119	14,689	15,507	16,382	19,503	23,500	26,057	27,887	29,371	31,829				
2014	8,764	12,965	14,751	15,907	18,227	21,436	23,902	29,136	31,836	36,220					
2015	9,198	14,272	16,317	18,354	22,066	24,834	28,744	33,240	38,688						
2016	9,493	14,602	16,852	18,922	22,138	25,664	27,574	30,812							
2017	9,721	15,152	17,967	21,170	24,386	29,748	34,995								
2018	9,725	15,159	18,799	22,055	26,933	31,069									
2019	9,550	15,408	18,563	22,689	25,786										
2020	10,174	15,978	20,252	24,317											
2021	9,658	15,596	19,658												
2022	10,108	15,901													
2023	10,393														

All California WC Experience

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		9,831	11,243	12,546	14,745	17,592	20,562	23,463	25,663	27,579	28,053	30,567	33,299	35,278	
2006	7,300	10,586	12,697	14,843	17,991	20,683	22,780	24,743	26,630	27,378	30,590	31,755	34,578	35,569	
2007	7,305	11,167	13,863	16,007	17,923	19,792	23,750	26,522	27,927	30,973	32,405	34,781	41,946	39,954	
2008	7,639	11,614	14,527	16,536	18,095	20,573	23,242	25,552	29,485	32,543	35,120	39,158	44,543	46,964	
2009	7,716	12,232	14,366	16,336	18,462	21,013	22,351	25,415	28,691	31,495	35,886	39,956	43,419	46,422	
2010	7,744	11,813	14,232	16,037	17,767	19,521	21,825	24,462	27,375	31,681	35,553	37,431	36,236	37,447	
2011	8,145	12,355	14,417	16,807	18,215	20,057	22,327	24,833	28,281	31,883	32,988	35,793	39,705		
2012	8,024	12,195	14,556	15,727	17,721	20,294	23,618	27,740	32,343	35,334	37,876	39,355			
2013	8,372	12,361	13,902	15,307	17,091	19,431	23,186	26,364	28,245	30,750	32,703				
2014	8,451	12,484	14,665	16,825	19,808	22,060	24,936	28,012	29,779	31,999					
2015	8,685	13,439	16,144	18,834	21,470	24,253	26,417	28,693	31,219						
2016	8,918	13,797	16,645	19,482	22,240	24,692	26,947	29,157							
2017	9,333	14,947	18,703	21,540	23,853	26,875	29,423								
2018	9,931	15,842	19,376	21,546	24,519	26,901									
2019	10,359	16,090	18,909	21,981	24,936										
2020	10,640	16,522	19,843	23,180											
2021	10,096	16,110	19,595												
2022	10,297	16,196													
2023	10,207														

All Non-Large Deductible Experience

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		9,731	11,224	12,333	14,620	17,662	21,283	24,966	27,815	29,790	30,717	34,172	37,647	40,689	
2006	7,825	11,119	13,115	15,127	18,140	20,987	23,188	26,769	29,105	29,795	34,349	35,477	38,644	39,893	
2007	8,108	12,135	14,746	16,567	18,546	20,884	25,744	28,409	30,542	35,416	37,708	40,656	52,852	48,636	
2008	8,109	12,331	15,176	17,121	18,858	21,697	24,773	27,479	32,185	35,252	38,711	43,902	53,311	54,986	
2009	8,136	13,043	15,032	16,966	19,163	22,099	23,522	27,261	31,615	34,899	40,475	45,838	51,405	56,230	
2010	8,189	12,424	14,838	16,344	18,170	20,124	23,282	26,528	30,271	36,798	41,308	43,851	42,545	45,690	
2011	8,548	13,296	14,799	17,328	18,777	20,934	23,472	25,490	30,181	34,163	35,634	38,238	41,528		
2012	8,615	12,697	15,068	15,974	17,920	20,674	24,113	29,146	34,615	39,284	43,087	45,834			
2013	8,801	12,996	14,499	15,424	17,255	20,001	25,009	28,182	30,711	32,540	34,927				
2014	8,861	13,032	14,832	16,749	19,891	22,096	25,451	29,351	32,109	36,389					
2015	9,380	14,204	16,624	19,315	22,445	25,417	28,419	30,594	34,689						
2016	9,628	14,726	17,460	20,235	23,357	26,632	29,439	32,451							
2017	10,344	16,119	20,024	22,967	25,126	30,296	33,929								
2018	10,955	17,013	20,547	23,035	27,011	30,128									
2019	11,644	17,773	20,723	24,417	27,465										
2020	12,085	18,291	21,997	25,675											
2021	11,242	17,905	21,355												
2022	11,415	17,661													
2023	11,366														

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Outstanding Medical Per Open Indemnity Claim

Evaluated as of (months):

[illegible]

Evaluated as of (months):

[illegible]

Evaluated as of (months):

[illegible]

Evaluated as of (months):

[illegible]

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Paid ALAE (Excluding MCCP) Per Indemnity Claim *

Large Deductible (LD) Experience

Evaluated as of (months):															
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		1,864	3,247	4,336	5,093	5,683	6,109	6,459	6,759	6,932	7,107	7,267	7,386	7,494	
2006	553	2,117	3,588	4,693	5,547	6,178	6,674	6,980	7,227	7,462	7,643	7,783	7,903	7,984	
2007	670	2,262	3,777	5,041	5,967	6,690	7,283	7,640	7,977	8,243	8,454	8,614	8,728	8,813	
2008	738	2,392	4,052	5,440	6,471	7,300	7,856	8,313	8,680	8,936	9,143	9,305	9,415	9,499	
2009	742	2,634	4,521	6,068	7,252	8,092	8,738	9,249	9,594	9,860	10,050	10,190	10,293	10,373	
2010	809	2,879	4,840	6,347	7,474	8,305	8,952	9,416	9,742	9,956	10,117	10,219	10,301	10,363	
2011	896	3,058	4,970	6,513	7,606	8,456	9,090	9,525	9,776	9,974	10,116	10,225	10,320		
2012	891	2,998	4,996	6,534	7,725	8,536	9,061	9,441	9,697	9,872	10,002	10,103			
2013	947	3,242	5,248	6,807	7,854	8,503	8,961	9,237	9,430	9,562	9,663				
2014	1,067	3,400	5,499	6,987	7,912	8,514	8,944	9,212	9,394	9,535					
2015	1,048	3,539	5,576	6,928	7,772	8,293	8,655	8,898	9,109						
2016	1,085	3,564	5,491	6,713	7,485	7,986	8,345	8,598							
2017	1,127	3,624	5,520	6,711	7,462	7,973	8,336								
2018	1,336	3,936	5,948	7,199	8,064	8,653									
2019	1,459	4,074	6,160	7,553	8,445										
2020	1,135	3,647	5,481	6,797											
2021	1,244	3,658	5,649												
2022	1,306	4,120													
2023	1,593														

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		1,888	3,053	3,897	4,617	5,138	5,487	5,776	6,016	6,187	6,336	6,455	6,466	6,546	
2006	630	1,786	2,889	3,876	4,629	5,192	5,612	5,936	6,151	6,365	6,492	6,467	6,556	6,591	
2007	516	1,725	3,002	4,059	4,932	5,517	5,944	6,267	6,525	6,679	6,679	6,783	6,894	6,897	
2008	530	1,937	3,354	4,545	5,418	6,015	6,473	6,849	7,060	7,154	7,294	7,408	7,460	7,609	
2009	618	2,197	3,766	5,126	5,994	6,625	7,161	7,486	7,602	7,793	7,940	7,994	8,166	8,229	
2010	669	2,290	4,064	5,233	6,092	6,800	7,308	7,450	7,684	7,904	7,970	8,104	8,246	8,239	
2011	662	2,385	3,820	4,971	5,888	6,468	6,715	7,035	7,345	7,446	7,585	7,889	7,914		
2012	707	2,266	3,748	4,999	5,820	6,253	6,657	7,055	7,213	7,372	7,596	7,633			
2013	647	2,311	3,891	5,050	5,801	6,316	6,813	6,995	7,184	7,371	7,424				
2014	706	2,514	4,012	5,103	5,807	6,476	6,711	6,984	7,155	7,245					
2015	834	2,673	4,239	5,283	6,210	6,516	6,870	7,081	7,231						
2016	794	2,774	4,333	5,677	6,186	6,711	7,012	7,224							
2017	871	2,937	4,693	5,490	6,190	6,625	6,932								
2018	916	3,134	4,494	5,591	6,279	6,750									
2019	938	2,788	4,386	5,451	6,167										
2020	802	2,790	4,349	5,385											
2021	849	2,785	4,282												
2022	854	2,910													
2023	874														

All California WC Experience

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		1,765	3,023	3,987	4,698	5,219	5,600	5,907	6,171	6,339	6,496	6,637	6,734	6,825	
2006	534	1,853	3,126	4,127	4,876	5,444	5,874	6,193	6,420	6,630	6,788	6,908	7,007	7,063	
2007	571	1,978	3,323	4,419	5,246	5,881	6,397	6,718	6,996	7,209	7,353	7,482	7,580	7,644	
2008	619	2,118	3,620	4,886	5,819	6,532	7,020	7,412	7,695	7,884	8,055	8,192	8,277	8,350	
2009	675	2,406	4,130	5,518	6,550	7,277	7,849	8,260	8,490	8,718	8,892	9,003	9,096	9,168	
2010	748	2,589	4,352	5,688	6,653	7,383	7,966	8,244	8,515	8,722	8,859	8,943	9,017	9,047	
2011	769	2,616	4,270	5,561	6,516	7,311	7,726	8,075	8,345	8,502	8,617	8,706	8,762		
2012	774	2,602	4,301	5,631	6,676	7,293	7,729	8,078	8,291	8,432	8,536	8,606			
2013	788	2,732	4,447	5,810	6,686	7,253	7,699	7,939	8,108	8,223	8,301				
2014	873	2,908	4,687	5,961	6,770	7,342	7,690	7,913	8,068	8,178					
2015	927	3,049	4,827	6,013	6,799	7,254	7,568	7,775	7,940						
2016	933	3,157	4,901	6,072	6,751	7,200	7,512	7,735							
2017	1,016	3,281	4,984	6,012	6,670	7,113	7,435								
2018	1,111	3,421	5,100	6,208	6,952	7,460									
2019	1,144	3,365	5,124	6,311	7,094										
2020	990	3,166	4,819	5,983											
2021	1,022	3,177	4,920												
2022	1,070	3,499													
2023	1,234														

All Non-Large Deductible Experience

	Evaluated as of (months):														
AY	12	24	36	48	60	72	84	96	108	120	132	144	156	168	
2005		1,661	2,780	3,607	4,265	4,712	5,049	5,309	5,533	5,696	5,834	5,952	6,023	6,094	
2006	519	1,634	2,738	3,645	4,306	4,818	5,192	5,513	5,724	5,911	6,049	6,147	6,228	6,262	
2007	502	1,767	2,980	3,949	4,699	5,267	5,722	6,014	6,248	6,420	6,508	6,613	6,699	6,745	
2008	548	1,935	3,330	4,510	5,376	6,008	6,448	6,794	7,020	7,153	7,297	7,418	7,482	7,548	
2009	636	2,263	3,878	5,164	6,095	6,747	7,270	7,616	7,747	7,949	8,114	8,202	8,289	8,355	
2010	714	2,411	4,050	5,274	6,139	6,813	7,355	7,488	7,723	7,933	8,047	8,122	8,190	8,192	
2011	702	2,361	3,861	5,005	5,887	6,649	6,908	7,205	7,498	7,621	7,721	7,797	7,822		
2012	710	2,360	3,873	5,078	6,033	6,505	6,883	7,230	7,405	7,524	7,611	7,655			
2013	696	2,410	3,940	5,177	5,924	6,435	6,890	7,098	7,250	7,355	7,413				
2014	756	2,587	4,152	5,277	6,006	6,567	6,856	7,049	7,185	7,273					
2015	853	2,730	4,334	5,407	6,153	6,564	6,844	7,027	7,163						
2016	845	2,889	4,503	5,637	6,253	6,666	6,948	7,150							
2017	947	3,047	4,612	5,528	6,122	6,520	6,813								
2018	969	3,060	4,502	5,509	6,165	6,615									
2019	954	2,854	4,373	5,408	6,112										
2020	886	2,804	4,316	5,366											
2021	867	2,808	4,354												
2022	904	3,026													
2023	990														

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Average Paid MCCP per Indemnity Claim

Large Deductible (LD) Experience

	Evaluated as of (months):													
<u>AY</u>	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>	<u>144</u>	<u>156</u>	<u>168</u>
2012	828	1,570	2,113	2,457	2,625	2,767	2,850	2,925	2,982	3,017	3,050	3,073		
2013	854	1,646	2,154	2,434	2,619	2,749	2,841	2,904	2,951	2,989	3,016			
2014	852	1,660	2,129	2,402	2,584	2,708	2,793	2,849	2,914	2,951				
2015	911	1,696	2,104	2,362	2,528	2,619	2,694	2,753	2,793					
2016	884	1,556	1,940	2,184	2,319	2,435	2,510	2,554						
2017	814	1,531	1,948	2,174	2,337	2,445	2,512							
2018	908	1,534	1,848	2,084	2,237	2,336								
2019	861	1,481	1,883	2,130	2,270									
2020	673	1,286	1,617	1,817										
2021	731	1,329	1,647											
2022	678	1,194												
2023	641													

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):													
<u>AY</u>	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>	<u>144</u>	<u>156</u>	<u>168</u>
2012	838	1,723	2,309	2,686	2,626	2,786	2,879	2,928	2,882	2,915	2,913	2,944		
2013	864	1,762	2,319	2,326	2,492	2,614	2,656	2,593	2,627	2,650	2,678			
2014	840	1,673	1,993	2,211	2,374	2,412	2,370	2,421	2,466	2,501				
2015	748	1,420	1,744	1,989	2,070	2,038	2,102	2,172	2,205					
2016	624	1,241	1,555	1,644	1,659	1,743	1,829	1,874						
2017	608	1,132	1,343	1,462	1,584	1,674	1,723							
2018	623	1,137	1,383	1,596	1,723	1,815								
2019	542	1,009	1,337	1,536	1,677									
2020	456	914	1,177	1,359										
2021	490	924	1,291											
2022	469	1,012												
2023	612													

All California WC Experience

	Evaluated as of (months):													
<u>AY</u>	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>	<u>144</u>	<u>156</u>	<u>168</u>
2012	665	1,346	1,815	2,121	2,225	2,365	2,458	2,475	2,510	2,539	2,567	2,589		
2013	653	1,327	1,768	1,965	2,126	2,243	2,262	2,304	2,338	2,366	2,387			
2014	631	1,291	1,662	1,881	2,033	2,072	2,133	2,174	2,215	2,243				
2015	626	1,227	1,556	1,769	1,842	1,908	1,961	2,004	2,034					
2016	592	1,152	1,454	1,583	1,679	1,758	1,811	1,848						
2017	585	1,126	1,390	1,558	1,671	1,749	1,798							
2018	639	1,141	1,414	1,599	1,719	1,801								
2019	588	1,104	1,415	1,610	1,730									
2020	498	981	1,252	1,420										
2021	525	1,001	1,301											
2022	495	968												
2023	533													

All Non-Large Deductible Experience

	Evaluated as of (months):													
<u>AY</u>	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>	<u>144</u>	<u>156</u>	<u>168</u>
2012	584	1,221	1,646	1,932	2,000	2,131	2,229	2,216	2,236	2,261	2,286	2,306		
2013	550	1,147	1,547	1,695	1,835	1,943	1,924	1,950	1,977	1,998	2,014			
2014	517	1,081	1,393	1,576	1,708	1,700	1,744	1,777	1,802	1,824				
2015	475	960	1,237	1,420	1,436	1,486	1,526	1,560	1,583					
2016	439	912	1,157	1,211	1,283	1,338	1,379	1,411						
2017	456	872	1,035	1,166	1,248	1,307	1,345							
2018	485	889	1,133	1,282	1,381	1,451								
2019	438	854	1,103	1,260	1,367									
2020	386	774	999	1,145										
2021	397	776	1,058											
2022	378	810												
2023	466													

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Large Deductible (LD) Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	37.6%	58.0%	72.3%	80.5%	85.1%	87.7%	89.7%	91.4%	93.1%	94.0%	95.0%	95.8%	96.3%	96.8%
2006	39.5%	60.8%	72.7%	80.1%	84.3%	87.0%	89.6%	91.4%	92.8%	94.1%	95.1%	95.8%	96.3%	97.0%
2007	41.1%	60.9%	71.7%	78.8%	83.7%	87.0%	89.3%	90.7%	92.5%	94.1%	95.2%	95.9%	96.6%	96.9%
2008	40.6%	59.7%	71.4%	78.7%	84.0%	87.4%	90.2%	92.0%	93.3%	94.0%	95.2%	95.8%	96.5%	96.5%
2009	40.2%	59.6%	71.2%	78.9%	84.1%	87.5%	90.3%	92.5%	93.8%	94.9%	95.7%	96.2%	96.6%	97.1%
2010	41.0%	59.3%	71.5%	79.3%	85.0%	88.5%	91.7%	93.6%	95.1%	96.1%	96.5%	97.1%	97.6%	97.9%
2011	39.2%	60.0%	71.2%	79.5%	85.4%	89.2%	91.9%	93.6%	94.9%	95.5%	96.3%	96.6%	96.6%	
2012	42.3%	60.0%	72.9%	81.0%	86.2%	90.0%	92.0%	93.8%	94.7%	95.6%	96.1%	96.9%		
2013	40.2%	60.7%	74.5%	82.6%	88.1%	91.4%	93.5%	94.6%	95.7%	96.1%	96.5%			
2014	39.9%	60.5%	74.4%	83.0%	88.0%	91.0%	92.9%	94.3%	95.3%	96.1%				
2015	40.5%	61.4%	75.4%	83.9%	89.0%	91.2%	93.2%	94.2%	95.3%					
2016	40.7%	62.3%	76.4%	84.4%	88.3%	91.2%	93.1%	94.5%						
2017	42.2%	62.7%	76.2%	83.3%	87.6%	91.1%	93.0%							
2018	42.0%	62.3%	74.6%	82.9%	87.6%	90.7%								
2019	43.2%	62.1%	75.1%	83.3%	87.5%									
2020	44.3%	64.0%	75.7%	82.8%										
2021	47.6%	65.3%	75.7%											
2022	47.7%	65.4%												
2023	48.5%													

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	26.0%	52.6%	68.1%	79.3%	84.0%	86.0%	88.9%	91.0%	93.6%	94.4%	95.6%	96.2%	96.2%	96.5%
2006	30.3%	52.7%	68.3%	77.1%	82.5%	86.1%	88.3%	90.9%	92.6%	93.5%	94.7%	95.5%	96.5%	97.2%
2007	31.7%	54.2%	69.0%	77.4%	83.5%	86.6%	89.0%	90.8%	92.6%	94.7%	95.7%	96.4%	96.8%	97.2%
2008	33.9%	54.9%	68.6%	78.1%	83.6%	87.3%	89.7%	91.8%	93.4%	94.7%	95.8%	96.4%	96.5%	96.6%
2009	33.7%	53.5%	68.6%	77.4%	81.7%	86.5%	89.3%	91.9%	93.5%	94.8%	95.5%	96.0%	96.2%	96.6%
2010	33.0%	54.0%	68.2%	77.6%	83.3%	87.7%	90.6%	92.8%	94.1%	94.6%	95.4%	95.9%	96.6%	96.9%
2011	33.5%	54.3%	68.8%	77.0%	83.3%	88.5%	91.1%	93.1%	94.4%	94.9%	95.5%	96.2%	96.6%	
2012	35.5%	54.2%	68.7%	79.0%	84.7%	89.1%	91.4%	93.1%	94.0%	95.0%	95.6%	96.2%		
2013	31.4%	53.5%	70.1%	80.6%	86.5%	90.5%	92.4%	94.0%	95.3%	96.2%	96.6%			
2014	31.3%	54.4%	71.3%	80.8%	86.5%	90.4%	92.8%	93.7%	94.9%	95.5%				
2015	30.9%	53.9%	71.1%	81.1%	87.0%	90.0%	92.0%	93.6%	94.5%					
2016	31.9%	55.4%	72.3%	82.2%	87.0%	89.9%	92.5%	93.9%						
2017	31.1%	55.2%	71.6%	80.5%	86.3%	88.7%	90.8%							
2018	31.9%	54.8%	69.8%	79.7%	85.4%	88.2%								
2019	31.2%	53.5%	69.1%	78.7%	84.8%									
2020	31.1%	53.8%	69.5%	78.7%										
2021	33.9%	55.8%	70.7%											
2022	35.7%	57.4%												
2023	36.3%													

All California WC Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	31.4%	56.2%	70.1%	78.8%	82.8%	84.8%	86.5%	88.1%	91.8%	92.5%	93.6%	94.0%	94.7%	95.5%
2006	33.2%	56.5%	69.8%	77.2%	81.2%	84.1%	86.7%	89.0%	90.6%	91.9%	93.1%	94.4%	95.1%	95.9%
2007	34.8%	56.6%	68.8%	76.6%	81.6%	84.9%	87.3%	89.3%	91.2%	92.6%	94.0%	94.8%	95.1%	96.2%
2008	36.0%	56.7%	68.7%	76.9%	82.4%	86.1%	88.7%	90.6%	92.0%	93.2%	94.4%	95.1%	95.5%	95.9%
2009	35.5%	54.8%	68.6%	76.9%	82.5%	86.0%	89.1%	91.2%	92.7%	93.9%	94.8%	95.4%	95.9%	96.2%
2010	35.2%	55.7%	69.1%	78.2%	83.9%	87.7%	90.5%	92.5%	93.9%	94.8%	95.5%	96.2%	96.9%	96.4%
2011	34.3%	55.1%	69.7%	77.9%	84.0%	88.1%	91.0%	93.0%	94.4%	95.2%	96.0%	96.5%	96.4%	
2012	35.8%	56.3%	70.3%	79.8%	85.3%	89.0%	91.5%	93.2%	94.1%	95.0%	95.6%	96.3%		
2013	34.3%	56.1%	71.8%	81.4%	87.2%	90.6%	92.6%	94.1%	95.2%	96.0%	96.4%			
2014	34.2%	56.7%	72.5%	81.7%	87.1%	90.6%	92.7%	94.1%	95.3%	96.0%				
2015	34.0%	56.7%	72.8%	82.2%	87.8%	90.5%	92.7%	94.3%	95.3%					
2016	34.8%	58.0%	73.9%	83.1%	87.5%	90.5%	92.8%	94.3%						
2017	34.8%	58.1%	73.5%	81.6%	86.9%	89.9%	92.1%							
2018	35.3%	57.8%	71.8%	81.0%	86.3%	89.8%								
2019	35.3%	56.9%	71.6%	80.6%	86.0%									
2020	35.6%	57.8%	72.0%	80.4%										
2021	38.7%	59.6%	72.8%											
2022	40.0%	60.7%												
2023	40.7%													

All Non-Large Deductible Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	28.9%	55.2%	68.8%	77.8%	81.4%	83.1%	84.6%	86.1%	88.7%	90.5%	92.0%	93.0%	93.8%	94.6%
2006	30.8%	54.3%	68.2%	75.6%	79.4%	82.4%	85.1%	87.6%	89.5%	91.2%	92.2%	93.6%	94.4%	95.2%
2007	32.2%	54.6%	67.4%	75.4%	80.5%	83.8%	86.2%	88.5%	90.4%	91.8%	93.3%	94.3%	94.3%	95.9%
2008	34.1%	55.3%	67.4%	75.9%	81.5%	85.5%	87.9%	89.9%	91.3%	92.8%	93.9%	94.7%	95.0%	95.6%
2009	33.5%	52.5%	67.2%	75.7%	81.7%	85.1%	88.4%	90.5%	92.1%	93.4%	94.3%	94.9%	95.4%	95.6%
2010	32.7%	54.0%	67.8%	77.6%	83.3%	87.1%	89.9%	91.9%	93.1%	94.0%	94.8%	95.6%	96.6%	96.9%
2011	32.3%	52.8%	68.8%	77.0%	83.3%	87.4%	90.4%	92.7%	94.1%	94.9%	95.9%	96.5%	96.8%	
2012	32.7%	54.2%	68.7%	79.0%	84.7%	88.4%	91.1%	92.8%	93.7%	94.6%	95.3%	95.9%		
2013	31.4%	53.5%	70.1%	80.6%	86.5%	90.0%	92.1%	93.7%	95.0%	95.9%	96.4%			
2014	31.3%	54.4%	71.3%	80.8%	86.5%	90.4%	92.5%	94.0%	95.3%	95.9%				
2015	30.9%	53.9%	71.1%	81.1%	87.0%	90.0%	92.4%	94.4%	95.3%					
2016	31.9%	55.4%	72.3%	82.2%	87.0%	90.0%	92.5%	94.1%						
2017	31.1%	55.2%	71.6%	80.5%	86.3%	89.1%	91.5%							
2018	31.9%	54.8%	69.8%	79.7%	85.4%	89.2%								
2019	31.2%	53.5%	69.1%	78.7%	84.8%									
2020	31.1%	53.8%	69.5%	78.7%										
2021	33.9%	55.8%	70.7%											
2022	35.7%	57.4%												
2023	36.3%													

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Large Deductible (LD) Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	40.5%	62.6%	70.6%	77.6%	81.4%	83.4%	84.8%	86.2%	87.8%	88.9%	89.9%	91.0%	92.2%	92.9%
2006	41.3%	62.0%	71.3%	77.0%	80.5%	83.0%	84.8%	86.4%	87.5%	89.0%	90.8%	92.4%	93.2%	94.5%
2007	42.3%	63.5%	71.8%	77.2%	81.1%	83.2%	84.4%	85.8%	87.2%	89.3%	90.9%	92.3%	93.4%	94.4%
2008	42.4%	60.9%	70.2%	75.7%	79.4%	82.0%	84.2%	85.7%	87.5%	89.5%	91.0%	92.2%	93.4%	94.3%
2009	39.9%	60.0%	69.2%	76.1%	80.2%	82.8%	85.3%	87.7%	89.9%	91.3%	92.8%	93.8%	94.7%	95.3%
2010	40.0%	58.6%	68.4%	75.2%	80.5%	83.9%	87.0%	89.2%	91.3%	92.6%	93.7%	94.7%	95.4%	96.0%
2011	38.6%	58.8%	65.7%	73.5%	79.3%	83.6%	86.2%	89.0%	90.4%	91.9%	92.6%	93.7%	94.3%	
2012	38.9%	55.1%	66.5%	74.7%	80.6%	85.0%	88.1%	90.4%	92.1%	93.2%	94.1%	95.1%		
2013	34.2%	54.5%	67.3%	75.2%	82.0%	85.7%	88.6%	90.2%	91.9%	92.6%	93.5%			
2014	34.8%	55.6%	68.4%	76.7%	82.6%	85.9%	88.4%	90.5%	91.8%	93.1%				
2015	35.0%	56.9%	69.3%	78.2%	82.7%	85.8%	88.5%	90.1%	91.8%					
2016	35.9%	57.0%	69.3%	77.8%	82.5%	86.7%	89.1%	91.0%						
2017	36.7%	57.9%	69.9%	76.9%	82.4%	86.3%	89.2%							
2018	37.5%	57.4%	69.4%	77.7%	82.9%	85.8%								
2019	37.8%	56.7%	69.6%	79.1%	83.9%									
2020	35.3%	57.7%	69.9%	77.5%										
2021	37.0%	58.0%	69.3%											
2022	37.0%	57.7%												
2023	37.4%													

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	34.5%	55.2%	66.0%	75.0%	79.8%	81.0%	83.4%	85.2%	86.8%	88.5%	90.3%	91.5%	92.7%	93.8%
2006	34.9%	57.2%	67.5%	74.4%	79.3%	82.2%	84.2%	85.7%	87.0%	88.8%	91.2%	92.5%	93.2%	94.5%
2007	35.3%	56.7%	66.9%	74.2%	79.7%	82.2%	84.4%	85.8%	87.9%	90.1%	92.0%	93.3%	94.3%	95.1%
2008	37.5%	56.5%	67.4%	76.1%	79.8%	82.6%	84.9%	87.1%	89.1%	90.6%	92.0%	92.8%	94.1%	94.7%
2009	37.3%	56.1%	67.5%	74.0%	76.9%	82.4%	85.2%	87.9%	90.0%	91.7%	93.0%	93.6%	94.8%	95.5%
2010	35.5%	56.5%	67.1%	73.4%	78.5%	83.7%	87.4%	90.4%	92.2%	93.0%	94.6%	95.4%	95.9%	96.5%
2011	35.3%	56.0%	63.7%	71.5%	77.1%	84.2%	87.2%	89.3%	91.1%	92.8%	93.7%	94.7%	95.3%	
2012	35.7%	51.0%	63.7%	73.6%	79.7%	85.0%	88.2%	90.1%	91.9%	93.2%	94.8%	95.5%		
2013	31.2%	49.9%	64.9%	74.9%	81.1%	85.9%	88.1%	90.8%	93.1%	94.2%	95.2%			
2014	30.4%	51.8%	66.4%	76.0%	82.7%	87.5%	90.5%	91.9%	93.5%	94.3%				
2015	30.1%	51.1%	65.2%	75.3%	82.1%	85.8%	89.6%	92.0%	92.4%					
2016	30.9%	52.3%	66.7%	77.3%	82.6%	86.1%	89.2%	91.5%						
2017	31.5%	53.0%	67.1%	76.1%	81.9%	85.0%	87.6%							
2018	31.3%	53.3%	67.2%	77.0%	82.8%	86.8%								
2019	30.4%	51.1%	66.3%	76.3%	82.9%									
2020	28.6%	51.5%	65.9%	75.4%										
2021	29.2%	52.4%	66.7%											
2022	28.9%	53.1%												
2023	29.3%													

All California WC Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	35.1%	56.7%	66.0%	73.9%	78.3%	79.2%	80.5%	81.8%	83.9%	85.4%	87.5%	88.8%	90.6%	91.9%
2006	35.0%	56.0%	66.0%	72.9%	76.9%	79.3%	81.3%	83.2%	84.8%	86.6%	88.8%	90.5%	91.4%	92.7%
2007	35.1%	56.8%	66.7%	72.9%	77.0%	79.5%	82.0%	83.9%	85.8%	88.1%	89.3%	90.9%	91.9%	93.4%
2008	37.2%	56.6%	66.4%	73.0%	77.3%	80.8%	83.3%	85.3%	87.4%	89.3%	90.8%	91.8%	93.1%	94.1%
2009	37.1%	55.6%	65.6%	72.7%	78.0%	81.3%	84.2%	86.7%	88.8%	90.4%	91.4%	92.5%	93.5%	94.1%
2010	36.4%	55.7%	66.3%	74.0%	79.2%	83.1%	86.5%	89.1%	91.0%	92.3%	93.5%	94.8%	95.5%	96.4%
2011	35.1%	54.9%	64.4%	72.2%	77.8%	82.8%	86.4%	89.2%	91.0%	92.5%	93.6%	94.5%	95.1%	
2012	35.1%	52.4%	64.7%	74.0%	80.1%	84.2%	87.6%	89.7%	91.3%	92.6%	94.0%	94.8%		
2013	32.2%	51.5%	65.7%	75.0%	81.4%	85.8%	88.7%	90.7%	92.6%	93.5%	94.4%			
2014	31.9%	53.2%	67.1%	76.3%	82.6%	86.5%	89.2%	91.2%	92.6%	93.7%				
2015	31.7%	53.1%	66.7%	76.3%	82.3%	85.9%	89.1%	91.3%	92.6%					
2016	32.6%	54.0%	67.7%	77.5%	82.5%	86.4%	89.4%	91.5%						
2017	33.2%	54.7%	68.2%	76.4%	82.1%	85.8%	88.7%							
2018	33.4%	54.8%	68.1%	77.2%	82.8%	86.4%								
2019	32.9%	53.2%	67.6%	77.4%	83.3%									
2020	30.8%	53.7%	67.4%	76.2%										
2021	31.9%	54.5%	67.7%											
2022	31.7%	54.9%												
2023	32.1%													

All Non-Large Deductible Experience

AY	Evaluated as of (months):													
	12	24	36	48	60	72	84	96	108	120	132	144	156	168
2005	32.6%	53.1%	63.1%	71.6%	76.4%	76.5%	77.9%	79.1%	81.6%	83.4%	86.1%	87.5%	89.6%	91.3%
2006	31.9%	52.7%	63.0%	70.6%	74.8%	77.2%	79.3%	81.3%	83.3%	85.3%	87.6%	89.5%	90.3%	91.7%
2007	31.6%	53.2%	63.9%	70.6%	74.9%	77.5%	78.4%	82.9%	85.1%	87.4%	88.4%	90.2%	91.0%	92.8%
2008	34.8%	54.5%	64.5%	71.6%	76.2%	76.5%	82.8%	85.1%	87.4%	89.2%	90.6%	91.6%	92.9%	93.9%
2009	35.8%	53.4%	63.7%	70.9%	74.8%	80.5%	83.7%	86.2%	88.3%	90.0%	90.7%	91.7%	92.9%	93.5%
2010	34.7%	54.3%	65.3%	70.6%	78.5%	82.7%	86.3%	89.0%	90.9%	92.2%	93.4%	94.9%	95.5%	96.5%
2011	33.3%	53.0%	64.5%	71.5%	77.1%	82.4%	86.5%	89.4%	91.2%	92.9%	94.2%	94.9%	95.5%	
2012	33.2%	53.4%	63.7%	73.6%	79.7%	83.8%	87.4%	89.3%	90.8%	92.2%	93.9%	94.7%		
2013	31.2%	49.9%	64.9%	74.9%	81.1%	85.9%	88.8%	90.9%	93.0%	94.0%	94.9%			
2014	30.4%	51.8%	66.4%	76.0%	82.7%	86.8%	89.7%	91.7%	93.1%	94.1%				
2015	30.1%	51.1%	65.2%	75.3%	82.1%	86.0%	89.5%	92.0%	93.1%					
2016	30.9%	52.3%	66.7%	77.3%	82.6%	86.2%	89.6%	91.8%						
2017	31.5%	53.0%	67.1%	76.1%	81.9%	85.4%	88.5%							
2018	31.3%	53.3%	67.2%	77.0%	82.8%	86.7%								
2019	30.4%	51.1%	66.3%	76.3%	82.9%									
2020	28.6%	51.5%	65.9%	75.4%										
2021	29.2%	52.4%	66.7%											
2022	28.9%	53.1%												
2023	29.3%													

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Reported Indemnity Claim Count Development

Large Deductible (LD) Experience

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		1.035	1.011	1.005	1.000	1.002	1.001	1.000	1.001	1.001	1.000	1.000	1.000
2006	1.236	1.030	1.017	1.002	1.005	1.002	1.003	1.002	1.001	1.001	1.000	1.000	1.000
2007	1.196	1.030	1.009	1.007	1.006	1.002	1.002	1.002	1.001	1.000	1.001	1.000	1.000
2008	1.236	1.033	1.018	1.008	1.006	1.002	1.003	1.001	1.001	1.001	1.000	1.000	1.000
2009	1.284	1.047	1.015	1.009	1.005	1.004	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2010	1.322	1.041	1.017	1.008	1.006	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000
2011	1.320	1.052	1.018	1.010	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000	
2012	1.362	1.045	1.019	1.005	1.004	1.002	1.001	1.000	1.001	1.001	1.001		
2013	1.337	1.047	1.013	1.005	1.004	1.002	1.001	1.001	1.001	1.001			
2014	1.326	1.037	1.012	1.007	1.004	1.001	1.000	1.001	1.001				
2015	1.296	1.039	1.012	1.006	1.004	1.001	1.001	1.000					
2016	1.347	1.047	1.013	1.003	1.001	1.000	1.001						
2017	1.300	1.033	1.008	1.002	1.002	1.002							
2018	1.319	1.029	1.009	1.005	1.002								
2019	1.373	1.033	1.010	1.004									
2020	1.261	1.033	1.007										
2021	1.317	1.037											
2022	1.291												

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		1.010	1.004	0.997	1.005	1.006	1.002	1.003	1.000	0.999	0.999	1.000	1.000
2006	1.122	1.019	0.996	1.006	1.001	1.001	1.000	1.002	1.000	1.001	1.000	1.000	1.001
2007	1.126	1.011	1.009	1.004	1.003	1.001	1.001	1.000	1.000	1.001	1.000	1.001	1.000
2008	1.136	1.024	1.009	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.001	1.001	1.001
2009	1.153	1.022	1.011	1.005	1.004	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.001
2010	1.180	1.026	1.008	1.009	1.003	1.001	1.001	1.001	1.001	1.000	1.001	1.000	1.000
2011	1.200	1.022	1.011	1.007	1.003	1.001	1.001	1.001	1.001	1.001	1.000	1.000	
2012	1.194	1.030	1.009	1.012	1.003	1.001	1.001	1.000	1.001	1.000	1.000		
2013	1.207	1.021	1.014	1.006	1.002	1.002	1.001	1.000	1.000	1.001			
2014	1.200	1.026	1.012	1.004	1.004	1.000	1.001	1.001	1.000				
2015	1.228	1.026	1.007	1.005	1.003	1.001	1.000	1.000					
2016	1.200	1.026	1.195	1.005	1.003	1.001	1.000						
2017	1.196	1.024	1.009	1.005	1.001	1.001							
2018	1.195	1.025	1.005	1.000	1.003								
2019	1.137	1.025	1.006	1.006									
2020	1.199	1.022	1.012										
2021	1.194	1.023											
2022	1.198												

All California WC Experience

Evaluated as of (months):													
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		1.010	1.003	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2006	1.126	1.011	1.005	1.002	1.001	1.000	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2007	1.122	1.014	1.006	1.004	1.002	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2008	1.146	1.022	1.011	1.005	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2009	1.192	1.029	1.011	1.006	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2010	1.217	1.030	1.011	1.006	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.001
2011	1.233	1.032	1.013	1.007	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.001	
2012	1.243	1.035	1.013	1.005	1.003	1.001	1.001	1.000	1.001	1.000	1.001		
2013	1.248	1.031	1.010	1.004	1.002	1.002	1.001	1.000	1.000	1.001			
2014	1.236	1.027	1.010	1.004	1.002	1.000	1.000	1.000	1.001				
2015	1.236	1.027	1.006	1.003	1.002	1.001	1.000	1.001					
2016	1.244	1.029	1.007	1.003	1.001	1.000	1.001						
2017	1.220	1.023	1.007	1.003	1.001	1.001							
2018	1.226	1.023	1.006	1.001	1.002								
2019	1.222	1.027	1.007	1.004									
2020	1.213	1.022	1.007										
2021	1.223	1.025											
2022	1.225												

All Non-Large Deductible Experience

AY	Evaluated as of (months):												
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005		0.997	0.999	0.997	1.001	1.001	0.999	1.000	0.999	1.000	0.999	1.000	1.000
2006	1.075	1.001	0.998	1.002	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000
2007	1.086	1.005	1.005	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2008	1.104	1.017	1.007	1.004	1.002	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000
2009	1.150	1.020	1.009	1.003	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2010	1.167	1.025	1.008	1.005	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2011	1.192	1.023	1.011	1.005	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	
2012	1.190	1.029	1.010	1.005	1.002	1.000	1.000	1.000	1.001	1.000	1.001		
2013	1.204	1.023	1.008	1.004	1.000	1.001	1.001	1.000	1.000	1.001			
2014	1.191	1.021	1.009	1.002	1.001	1.000	1.000	1.000	1.001				
2015	1.204	1.020	1.002	1.001	1.001	1.000	0.999	1.001					
2016	1.190	1.018	1.003	1.003	1.001	1.000	1.001						
2017	1.175	1.017	1.007	1.003	1.000	1.001							
2018	1.172	1.020	1.004	1.000	1.002								
2019	1.139	1.023	1.005	1.004									
2020	1.182	1.016	1.007										
2021	1.178	1.017											
2022	1.183												

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Reported Total Claim Count Development

Large Deductible (LD) Experience

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005				1.000	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2006			1.007	1.002	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2007		1.012	1.005	1.003	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2008	1.165	1.013	1.009	1.003	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2009	1.184	1.019	1.006	1.003	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2010	1.199	1.015	1.007	1.003	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2011	1.198	1.021	1.006	1.004	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	
2012	1.226	1.016	1.006	1.002	1.002	1.001	1.001	1.001	1.000	1.000	1.000		
2013	1.206	1.016	1.004	1.002	1.001	1.001	1.004	1.001	1.000	1.000			
2014	1.201	1.012	1.005	1.002	1.001	1.010	1.000	1.001	1.000				
2015	1.207	1.014	1.005	1.002	1.001	1.001	1.001	1.000					
2016	1.227	1.018	1.006	1.001	1.001	1.000	1.000						
2017	1.195	1.011	1.008	1.001	1.002	1.001							
2018	1.202	1.008	1.002	1.002	1.002								
2019	1.208	1.007	1.006	1.002									
2020	1.173	1.015	1.003										
2021	1.196	1.009											
2022	1.140												

Non-Large Deductible Experience from Insurers Writing LD

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005				1.002	1.003	1.002	1.001	1.001	1.000	0.999	1.000	1.000	1.000
2006			1.002	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2007		1.013	1.006	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2008	1.126	1.013	1.006	1.002	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2009	1.131	1.014	1.006	1.004	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2010	1.138	1.015	1.006	1.005	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2011	1.134	1.012	1.007	1.005	1.002	1.001	1.001	1.001	1.000	1.001	1.000	1.001	
2012	1.128	1.019	1.007	1.009	1.002	1.001	1.001	0.999	1.000	1.000	1.000		
2013	1.157	1.018	1.013	1.004	1.002	1.002	0.997	1.001	1.000	1.000			
2014	1.169	1.018	1.008	1.003	1.002	0.989	1.001	1.000	1.000				
2015	1.174	1.014	1.005	1.003	1.003	1.000	1.000	1.000					
2016	1.153	1.012	1.005	1.005	1.001	1.001	1.000						
2017	1.146	1.012	0.999	1.002	1.001	1.000							
2018	1.125	1.008	1.003	1.001	1.001								
2019	1.111	1.015	1.003	1.002									
2020	1.136	1.015	1.013										
2021	1.166	1.014											
2022	1.212												

All California WC Experience

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005				1.001	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2006			1.005	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2007		1.012	1.005	1.004	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2008	1.128	1.013	1.008	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2009	1.146	1.016	1.006	1.004	1.002	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.001
2010	1.154	1.016	1.007	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.001	1.000
2011	1.158	1.017	1.007	1.004	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	
2012	1.167	1.017	1.007	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000		
2013	1.172	1.018	1.006	1.003	1.002	1.001	1.001	1.001	1.000	1.002			
2014	1.174	1.015	1.006	1.003	1.002	1.001	1.001	1.001	1.002				
2015	1.177	1.015	1.005	1.003	1.002	1.001	1.000	1.002					
2016	1.180	1.015	1.005	1.003	1.001	1.001	1.000						
2017	1.161	1.012	1.005	1.002	1.001	1.001							
2018	1.157	1.010	1.003	1.002	1.001								
2019	1.154	1.012	1.005	1.002									
2020	1.149	1.015	1.007										
2021	1.170	1.012											
2022	1.163												

All Non-Large Deductible Experience

	Evaluated as of (months):												
AY	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168
2005				1.002	1.002	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2006			1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2007		1.012	1.006	1.004	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2008	1.106	1.013	1.007	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
2009	1.123	1.015	1.007	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2010	1.128	1.016	1.007	1.004	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000
2011	1.133	1.015	1.008	1.005	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	
2012	1.133	1.018	1.008	1.005	1.002	1.001	1.001	1.000	1.000	1.000	1.000		
2013	1.149	1.019	1.007	1.004	1.002	1.002	0.999	1.001	1.000	1.002			
2014	1.155	1.016	1.008	1.003	1.002	0.994	1.001	1.000	1.003				
2015	1.157	1.015	1.005	1.003	1.003	1.001	1.000	1.003					
2016	1.149	1.013	1.005	1.005	1.001	1.001	1.000						
2017	1.137	1.013	1.002	1.003	1.001	1.001							
2018	1.124	1.011	1.004	1.001	1.001								
2019	1.114	1.015	1.004	1.003									
2020	1.131	1.015	1.009										
2021	1.155	1.014											
2022	1.180												

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Reported Indemnity Claim Settlement Ratios

Large Deductible (LD) Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		51.1%	64.9%	76.4%	83.5%	87.7%	90.2%	92.2%	93.9%	95.0%	95.8%	96.6%	97.1%	97.6%		
2006	30.3%	51.4%	65.6%	76.8%	84.1%	87.8%	90.7%	91.9%	93.4%	94.7%	95.8%	96.6%	97.2%	97.7%		
2007	25.9%	49.4%	64.1%	75.0%	81.5%	85.5%	89.1%	91.5%	93.1%	94.6%	95.7%	96.5%	97.1%	97.6%		
2008	29.0%	48.7%	63.3%	73.4%	80.1%	85.2%	89.1%	91.6%	93.6%	94.9%	96.1%	96.8%	97.3%	97.6%		
2009	27.5%	46.7%	60.2%	71.2%	79.3%	84.6%	88.5%	91.6%	93.5%	95.0%	96.1%	96.8%	97.3%	97.6%		
2010	27.7%	46.4%	60.4%	72.2%	80.4%	85.5%	89.7%	92.5%	94.6%	95.8%	96.7%	97.3%	97.7%	97.9%		
2011	27.3%	46.3%	61.1%	72.9%	80.9%	86.5%	90.6%	93.4%	95.0%	96.1%	96.8%	97.3%	97.7%			
2012	28.2%	47.8%	62.7%	73.9%	82.2%	88.0%	91.6%	94.0%	95.4%	96.3%	96.9%	97.4%				
2013	28.4%	48.3%	63.5%	75.9%	84.3%	89.4%	92.6%	94.6%	95.8%	96.7%	97.1%					
2014	27.8%	48.1%	64.7%	77.7%	85.7%	90.1%	92.8%	94.6%	95.6%	96.4%						
2015	26.1%	49.3%	67.3%	80.0%	87.0%	90.5%	92.9%	94.5%	95.7%							
2016	27.1%	52.0%	70.2%	81.8%	87.3%	90.8%	93.2%	94.8%								
2017	29.3%	55.3%	72.1%	81.5%	87.3%	90.8%	93.1%									
2018	30.8%	55.7%	70.7%	80.5%	86.5%	90.3%										
2019	27.3%	53.0%	68.0%	79.3%	85.8%											
2020	34.8%	58.2%	71.3%	80.6%												
2021	34.7%	57.1%	70.1%													
2022	36.1%	57.2%														
2023	33.5%															

Non-Large Deductible Experience from Insurers Writing LD

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		48.3%	62.8%	73.8%	80.1%	84.2%	87.5%	90.1%	92.7%	94.2%	95.2%	96.2%	97.0%	97.6%		
2006	24.7%	49.7%	64.0%	73.5%	79.9%	84.4%	87.6%	90.9%	92.8%	94.1%	95.4%	96.3%	97.0%	97.6%		
2007	27.9%	50.0%	63.2%	72.8%	79.5%	84.2%	88.7%	91.4%	93.2%	94.9%	96.1%	96.9%	97.6%	98.1%		
2008	26.9%	47.8%	61.0%	71.4%	78.7%	85.0%	88.8%	91.4%	93.7%	95.2%	96.2%	97.1%	97.7%	98.1%		
2009	26.3%	46.0%	59.9%	70.4%	79.0%	84.6%	88.6%	91.8%	94.0%	95.4%	96.6%	97.3%	97.8%	98.1%		
2010	26.5%	46.9%	60.6%	72.5%	80.5%	86.0%	90.3%	93.0%	94.8%	96.2%	97.0%	97.7%	98.1%	98.4%		
2011	27.4%	47.5%	62.3%	73.6%	81.5%	87.1%	91.0%	93.6%	95.6%	96.6%	97.3%	97.9%	98.2%			
2012	27.7%	48.1%	63.6%	75.1%	83.0%	88.5%	92.2%	94.7%	96.1%	97.0%	97.6%	98.1%				
2013	26.1%	48.5%	64.5%	76.6%	84.9%	90.1%	93.6%	95.4%	96.6%	97.4%	97.9%					
2014	26.5%	49.7%	66.4%	78.3%	86.4%	91.1%	93.9%	95.7%	96.9%	97.6%						
2015	27.3%	51.3%	68.8%	80.8%	88.2%	91.8%	94.4%	96.1%	97.1%							
2016	28.8%	54.3%	71.4%	82.8%	88.7%	92.2%	94.7%	96.1%								
2017	31.0%	56.7%	73.8%	83.2%	88.9%	92.5%	94.7%									
2018	31.3%	56.7%	71.8%	81.9%	88.5%	92.2%										
2019	33.2%	54.8%	69.8%	80.8%	87.4%											
2020	32.6%	57.0%	72.0%	81.8%												
2021	32.2%	57.3%	71.8%													
2022	33.6%	56.7%														
2023	33.0%															

All California WC Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		49.3%	63.5%	74.7%	81.3%	85.5%	88.5%	90.8%	93.1%	94.5%	95.4%	96.4%	97.0%	97.6%		
2006	26.5%	50.3%	64.6%	74.7%	81.4%	85.6%	88.7%	91.2%	93.0%	94.3%	95.5%	96.4%	97.1%	97.6%		
2007	27.3%	49.8%	63.5%	73.6%	80.2%	84.7%	88.8%	91.4%	93.2%	94.8%	96.0%	96.7%	97.4%	97.9%		
2008	27.5%	48.1%	61.8%	72.1%	79.2%	85.1%	88.9%	91.5%	93.7%	95.1%	96.2%	97.0%	97.6%	97.9%		
2009	26.7%	46.3%	60.0%	70.7%	79.1%	84.6%	88.5%	91.7%	93.8%	95.3%	96.4%	97.1%	97.6%	97.9%		
2010	26.9%	46.7%	60.5%	72.4%	80.5%	85.8%	90.1%	92.8%	94.7%	96.1%	96.9%	97.5%	97.9%	98.2%		
2011	27.4%	47.1%	61.9%	73.4%	81.3%	86.9%	90.9%	93.6%	95.4%	96.4%	97.1%	97.7%	98.0%			
2012	27.9%	48.0%	63.3%	74.7%	82.7%	88.3%	92.0%	94.5%	95.8%	96.7%	97.3%	97.8%				
2013	26.8%	48.4%	64.1%	76.4%	84.7%	89.8%	93.2%	95.1%	96.3%	97.1%	97.6%					
2014	26.9%	49.1%	65.8%	78.1%	86.2%	90.7%	93.5%	95.3%	96.4%	97.1%						
2015	26.8%	50.6%	68.3%	80.5%	87.8%	91.3%	93.8%	95.5%	96.6%							
2016	28.2%	53.4%	70.9%	82.4%	88.2%	91.7%	94.1%	95.6%								
2017	30.4%	56.2%	73.1%	82.5%	88.3%	91.8%	94.1%									
2018	31.1%	56.3%	71.4%	81.3%	87.7%	91.5%										
2019	31.1%	54.0%	69.1%	80.2%	86.8%											
2020	33.4%	57.5%	71.7%	81.3%												
2021	33.1%	57.2%	71.1%													
2022	34.6%	56.9%														
2023	33.2%															

All Non-Large Deductible Experience

AY	Evaluated as of (months):															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168		
2005		48.3%	62.8%	73.8%	80.1%	84.2%	87.5%	90.1%	92.7%	94.2%	95.2%	96.2%	97.0%	97.6%		
2006	24.7%	49.7%	64.0%	73.5%	79.9%	84.4%	87.6%	90.9%	92.8%	94.1%	95.4%	96.3%	97.0%	97.6%		
2007	27.9%	50.0%	63.2%	72.8%	79.5%	84.2%	88.7%	91.4%	93.2%	94.9%	96.1%	96.9%	97.6%	98.1%		
2008	26.9%	47.8%	61.0%	71.4%	78.7%	85.0%	88.8%	91.4%	93.7%	95.2%	96.2%	97.1%	97.7%	98.1%		
2009	26.3%	46.0%	59.9%	70.4%	79.0%	84.6%	88.6%	91.8%	94.0%	95.4%	96.6%	97.3%	97.8%	98.1%		
2010	26.5%	46.9%	60.6%	72.5%	80.5%	86.0%	90.3%	93.0%	94.8%	96.2%	97.0%	97.7%	98.1%	98.4%		
2011	27.4%	47.5%	62.3%	73.6%	81.5%	87.1%	91.0%	93.6%	95.6%	96.6%	97.3%	97.9%	98.2%			
2012	27.7%	48.1%	63.6%	75.1%	83.0%	88.5%	92.2%	94.7%	96.1%	97.0%	97.6%	98.1%				
2013	26.1%	48.5%	64.5%	76.6%	84.9%	90.1%	93.6%	95.4%	96.6%	97.4%	97.9%					
2014	26.5%	49.7%	66.4%	78.3%	86.4%	91.1%	93.9%	95.7%	96.9%	97.6%						
2015	27.3%	51.3%	68.8%	80.8%	88.2%	91.8%	94.4%	96.1%	97.1%							
2016	28.8%	54.3%	71.4%	82.8%	88.7%	92.2%	94.7%	96.1%								
2017	31.0%	56.7%	73.8%	83.2%	88.9%	92.5%	94.7%									
2018	31.3%	56.7%	71.8%	81.9%	88.5%	92.2%										
2019	33.2%	54.8%	69.8%	80.8%	87.4%											
2020	32.6%	57.0%	72.0%	81.8%												
2021	32.2%	57.3%	71.8%													
2022	33.6%	56.7%														
2023	33.0%															

Source: Based on WCIRB's quarterly and large deductible data calls, including COVID-19 claims.

Item AC24-09-01

Third Quarter 2024 Review of Diagnostics

Twice a year, WCIRB staff compiles a comprehensive list of diagnostics to be reviewed by the Claims Working Group and Actuarial Committee. This review aims to identify and quantify changes in claim patterns and trends, helping to determine the most appropriate methodologies to be used in the development of pure premium rates. The diagnostics are segregated into the following areas (COVID-19 claims are excluded unless otherwise specified):

1. Market and claim characteristic information (exhibit numbers start with M)
2. Claim count information (exhibit numbers start with C)
3. Claim severity information (exhibit numbers start with S)
4. Loss adjustment expense information (exhibit numbers start with E)

Staff made the following observations based on the most recent set of system diagnostics:

1. The preliminary proportion of permanent indemnity claims for accident year 2022 is at a 17-year low. The proportion of permanent indemnity claims has been declining since 2016 (Exhibit M4). This decrease has been experienced across multiple California regions (Exhibit C17).
2. The number of liens filed per quarter is up in the most recent four quarters, following a relatively stable period over the prior three years (Exhibit M9.2).
3. The ratio of incremental closed indemnity claims to prior open indemnity claims held relatively consistent over the most recent calendar year and remains below the pre-pandemic level across development periods (Exhibit C3.1).
4. Quarterly incremental indemnity claim counts have increased over the most recent four calendar quarters when compared to same quarter of the prior calendar year. Incremental medical-only claim counts have decreased over the most recent four calendar quarters (Exhibit C11).
5. After some volatility during the pandemic, the share of indemnity claims involving cumulative trauma injuries for the preliminary accident year 2022 is slightly above the pre-pandemic level (Exhibit C15).
6. Average paid medical severities on open claims over the most recent calendar year show consistent moderate increases across development periods (Exhibit S7).
7. Average paid ALAE per indemnity claim increased significantly in 2022 and 2023 (Exhibit E5). This is primarily driven by increases in defense expense (Exhibit E8).
8. The number of medical-legal reports continued to grow in 2023 which is driving an increase in total medical-legal costs (Exhibit E13).

Exhibit Numbering Guide September 2024

Exhibit #	Exhibit Name
Market/Claim Characteristics	
M4	Distribution of Estimated Ultimate Number of Claims by Injury Type
M6	Percentage of Claim Count and Average Severity by Geographic Region
M7	Division of Workers' Compensation (DWC) Distribution of Decisions by Type
M8	Quarterly Expedited Hearings by Region
M9	Number of Division of Workers' Compensation (DWC) Lien Decisions
M10	Medicare Set-aside Costs by Age Interval & Permanent Disability Rating Interval
Claim Count	
C3	Ratio of Incremental Closed Indemnity Claims to Prior Open Indemnity Claims
C7	Accident Year Indemnity Claim Frequency Model & Indemnity Claim Frequency History and Projections
C9	Self-Insured Employers - Claim Frequency
C11	Changes in Incremental Indemnity Claim Counts and Medical Only Claim Counts
C12	Economic Variables
C15	Accident Year Cumulative Injury Indemnity Claim Counts by Policy Year and Report Level
C17	Claim Count Ratios by Region Based on Unit Statistical Data at 1st Report Level
Claim Severity	
S2	Average Incurred Indemnity Loss per Reported Indemnity Claim & Incurred Medical Loss per Reported Claim
S3	Average Indemnity & Medical Case Outstanding Per Open Indemnity Claim
S4	Average Paid Losses per Indemnity Claim & Average Paid Medical Loss Per Claim
S5	Average Paid Losses per Closed Indemnity Claim
S6	Ratio of Incremental Paid Indemnity & Medical to Indemnity Claims Open During Period
S7	Ratio of Quarterly Paid Medical to Indemnity Claims Inventory
S9	Average and Median Indemnity Claim Severities at USR 1st
S14	Self Insured Employers - Claim Severity
Loss Adjustment Expense	
E1	Summary of Paid LAE Ratios by Insurer Type
E2	Calendar Year ULAE Incurred per Open Indemnity Claim - Private Insurers
E3	Calendar Year ULAE Paid per Open Indemnity Claim - Private Insurers
E5	Average Paid ALAE Per Reported Indemnity Claim - Private Insurers
E8	Distribution of Total ALAE & MCCP Components - Private Insurers
E9	Applicant Attorney Expense Paid - Private Insurers
E13	Changes in the Number and Cost of Medical-Legal Reports by Service Year
E15	Average Paid MCCP per Reported Indemnity Claim - Statewide

Distribution of Estimated Ultimate Number of Claims by Injury Type

I. Distribution of Ultimate Number of Indemnity Claims

Accident <u>Year</u>	Permanent <u>Indemnity</u>	Temporary <u>Indemnity</u>	<u>Total</u>
2006	47.3%	52.7%	100%
2007	48.4%	51.6%	100%
2008	50.5%	49.5%	100%
2009	51.9%	48.1%	100%
2010	51.4%	48.6%	100%
2011	51.2%	48.8%	100%
2012	50.5%	49.5%	100%
2013	50.2%	49.8%	100%
2014	50.4%	49.6%	100%
2015	50.7%	49.3%	100%
2016	49.8%	50.2%	100%
2017	47.9%	52.1%	100%
2018	46.8%	53.2%	100%
2019	46.2%	53.8%	100%
2020	44.1%	55.9%	100%
2021	39.5%	60.5%	100%
2022*	38.5%	61.5%	100%

II. Distribution of Ultimate Number of All Claims

Accident <u>Year</u>	Permanent <u>Indemnity**</u>	Temporary <u>Indemnity</u>	Medical <u>Only</u>	<u>Total</u>
2006	13.6%	15.2%	71.2%	100%
2007	14.3%	15.2%	70.5%	100%
2008	15.5%	15.2%	69.3%	100%
2009	17.2%	15.9%	66.9%	100%
2010	17.8%	16.8%	65.4%	100%
2011	18.2%	17.3%	64.5%	100%
2012	18.3%	18.0%	63.7%	100%
2013	18.8%	18.7%	62.5%	100%
2014	18.9%	18.5%	62.6%	100%
2015	18.8%	18.3%	62.9%	100%
2016	18.5%	18.7%	62.8%	100%
2017	17.1%	18.6%	64.3%	100%
2018	16.8%	19.1%	64.1%	100%
2019	16.7%	19.5%	63.8%	100%
2020	17.9%	22.7%	59.4%	100%
2021	15.4%	23.6%	61.0%	100%
2022*	15.1%	24.1%	60.8%	100%

* Accident year 2022 experience is partial in that it only reflects experience from policy year 2021.

** Permanent indemnity consists of the death, permanent total, and permanent partial injury types.

Source: WCIRB unit statistical data

***COVID-19 claims have been excluded

**Percentage of Claim Count and Average Severity of Compromise & Release
and Stipulated Award Settlements**
Geographic Region: All Regions Combined

Policy Year 2016									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	22,930	86%	24,645	23,507	48,153	---	---	---	---
Stipulated Award	<u>3,785</u>	14%	<u>19,460</u>	<u>14,270</u>	<u>33,730</u>	---	---	---	---
Total/Average	26,715		23,911	22,199	46,109	---	---	---	---
Policy Year 2017									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	21,745	84%	26,788	26,417	53,205	-5.2%	8.7%	12.4%	10.5%
Stipulated Award	<u>4,002</u>	16%	<u>19,441</u>	<u>14,659</u>	<u>34,100</u>	5.7%	-0.1%	2.7%	1.1%
Total/Average	25,747		25,646	24,589	50,235	-3.6%	7.3%	10.8%	8.9%
Policy Year 2018									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	22,548	85%	27,254	26,988	54,241	3.7%	1.7%	2.2%	1.9%
Stipulated Award	<u>4,123</u>	15%	<u>19,637</u>	<u>14,397</u>	<u>34,035</u>	3.0%	1.0%	-1.8%	-0.2%
Total/Average	26,671		26,076	25,041	51,118	3.6%	1.7%	1.8%	1.8%
Policy Year 2019									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	22,306	85%	28,333	27,883	56,216	-1.1%	4.0%	3.3%	3.6%
Stipulated Award	<u>3,873</u>	15%	<u>21,493</u>	<u>15,433</u>	<u>36,926</u>	-6.1%	9.4%	7.2%	8.5%
Total/Average	26,179		27,321	26,041	53,362	-1.8%	4.8%	4.0%	4.4%

Source: closed permanent disability claims from third report level unit statistical data

**Percentage of Claim Count and Average Severity of Compromise & Release
and Stipulated Award Settlements**
Geographic Region: Bay Area

Policy Year 2016									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	2,976	78%	31,203	29,856	61,059	---	---	---	---
Stipulated Award	842	22%	19,579	14,069	33,649	---	---	---	---
Total/Average	3,818		28,640	26,375	55,014	---	---	---	---
Policy Year 2017									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	2,876	78%	32,933	33,846	66,779	-3.4%	5.5%	13.4%	9.4%
Stipulated Award	814	22%	18,774	14,006	32,780	-3.3%	-4.1%	-0.4%	-2.6%
Total/Average	3,690		29,810	29,469	59,279	-3.4%	4.1%	11.7%	7.8%
Policy Year 2018									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	2,941	80%	35,512	35,295	70,807	2.3%	7.8%	4.3%	6.0%
Stipulated Award	735	20%	23,157	15,004	38,162	-9.7%	23.3%	7.1%	16.4%
Total/Average	3,676		33,041	31,238	64,280	-0.4%	10.8%	6.0%	8.4%
Policy Year 2019									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	2,502	84%	33,544	30,692	64,236	-14.9%	-5.5%	-13.0%	-9.3%
Stipulated Award	483	16%	21,396	13,857	35,254	-34.3%	-7.6%	-7.6%	-7.6%
Total/Average	2,985		31,579	27,968	59,546	-18.8%	-4.4%	-10.5%	-7.4%

Source: closed permanent disability claims from third report level unit statistical data

**Percentage of Claim Count and Average Severity of Compromise & Release
and Stipulated Award Settlements**
Geographic Region: Los Angeles**

Policy Year 2016									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	12,349	88%	23,700	21,693	45,393	---	---	---	---
Stipulated Award	<u>1,678</u>	12%	<u>20,505</u>	<u>14,625</u>	<u>35,130</u>	---	---	---	---
Total/Average	14,027		23,318	20,847	44,165	---	---	---	---
Policy Year 2017									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	12,265	86%	24,923	23,281	48,204	-0.7%	5.2%	7.3%	6.2%
Stipulated Award	<u>1,940</u>	14%	<u>20,770</u>	<u>14,979</u>	<u>35,749</u>	<u>15.6%</u>	<u>1.3%</u>	<u>2.4%</u>	<u>1.8%</u>
Total/Average	14,205		24,356	22,147	46,503	1.3%	4.5%	6.2%	5.3%
Policy Year 2018									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	13,498	86%	25,488	24,000	49,488	10.1%	2.3%	3.1%	2.7%
Stipulated Award	<u>2,227</u>	14%	<u>19,975</u>	<u>14,324</u>	<u>34,299</u>	<u>14.8%</u>	<u>-3.8%</u>	<u>-4.4%</u>	<u>-4.1%</u>
Total/Average	15,725		24,707	22,630	47,337	10.7%	1.4%	2.2%	1.8%
Policy Year 2019									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	14,144	85%	26,228	25,027	51,255	4.8%	2.9%	4.3%	3.6%
Stipulated Award	<u>2,401</u>	15%	<u>21,279</u>	<u>15,158</u>	<u>36,438</u>	<u>7.8%</u>	<u>6.5%</u>	<u>5.8%</u>	<u>6.2%</u>
Total/Average	16,545		25,510	23,595	49,105	5.2%	3.2%	4.3%	3.7%

**Includes Los Angeles County and remainder of Los Angeles Basin
Source: closed permanent disability claims from third report level unit statistical data

**Percentage of Claim Count and Average Severity of Compromise & Release
and Stipulated Award Settlements**
Geographic Region: San Diego**

Policy Year 2016									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	2,780	91%	15,289	15,276	30,565	---	---	---	---
Stipulated Award	<u>272</u>	<u>9%</u>	<u>16,105</u>	<u>13,966</u>	<u>30,071</u>	---	---	---	---
Total/Average	3,052		15,362	15,159	30,521	---	---	---	---
Policy Year 2017									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	1,572	85%	25,329	28,850	54,179	-43.5%	65.7%	88.9%	77.3%
Stipulated Award	<u>288</u>	15%	<u>18,191</u>	<u>15,654</u>	<u>33,845</u>	<u>5.9%</u>	<u>13.0%</u>	<u>12.1%</u>	<u>12.6%</u>
Total/Average	1,860		24,224	26,807	51,031	-39.1%	57.7%	76.8%	67.2%
Policy Year 2018									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	1,514	84%	25,722	26,991	52,713	-3.7%	1.6%	-6.4%	-2.7%
Stipulated Award	<u>284</u>	16%	<u>14,612</u>	<u>13,565</u>	<u>28,177</u>	<u>-1.4%</u>	<u>-19.7%</u>	<u>-13.3%</u>	<u>-16.7%</u>
Total/Average	1,798		23,967	24,870	48,837	-3.3%	-1.1%	-7.2%	-4.3%
Policy Year 2019									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	1,492	85%	28,257	33,565	61,822	-1.5%	9.9%	24.4%	17.3%
Stipulated Award	<u>266</u>	15%	<u>19,932</u>	<u>15,108</u>	<u>35,040</u>	<u>-6.3%</u>	<u>36.4%</u>	<u>11.4%</u>	<u>24.4%</u>
Total/Average	1,758		26,997	30,772	57,769	-2.2%	12.6%	23.7%	18.3%

Source: closed permanent disability claims from third report level unit statistical data

**Percentage of Claim Count and Average Severity of Compromise & Release
and Stipulated Award Settlements**
Geographic Region: Other

Policy Year 2016									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	4,825	83%	28,411	28,978	57,389	---	---	---	---
Stipulated Award	<u>993</u>	<u>17%</u>	<u>18,510</u>	<u>13,923</u>	<u>32,433</u>	---	---	---	---
Total/Average	5,818		26,721	26,409	53,130	---	---	---	---
Policy Year 2017									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	5,032	84%	28,277	29,056	57,333	4.3%	-0.5%	0.3%	-0.1%
Stipulated Award	<u>960</u>	<u>16%</u>	<u>17,695</u>	<u>14,267</u>	<u>31,961</u>	<u>-3.3%</u>	<u>-4.4%</u>	<u>2.5%</u>	<u>-1.5%</u>
Total/Average	5,992		26,582	26,686	53,268	3.0%	-0.5%	1.1%	0.3%
Policy Year 2018									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	4,595	84%	27,659	30,445	58,104	-8.7%	-2.2%	4.8%	1.3%
Stipulated Award	<u>877</u>	<u>16%</u>	<u>17,456</u>	<u>14,345</u>	<u>31,801</u>	<u>-8.6%</u>	<u>-1.3%</u>	<u>0.5%</u>	<u>-0.5%</u>
Total/Average	5,472		26,024	27,865	53,889	-8.7%	-2.1%	4.4%	1.2%
Policy Year 2019									
	<u>Claims</u>	<u>Claim Distribution</u>	<u>Average Indemnity</u>	<u>Average Medical</u>	<u>Average Incurred</u>	<u>% Change in Claims</u>	<u>% Change in Avg. Indemnity</u>	<u>% Change in Avg. Medical</u>	<u>% Change in Avg. Incurred</u>
Compromise & Release	4,168	85%	32,372	33,855	66,228	-9.3%	17.0%	11.2%	14.0%
Stipulated Award	<u>723</u>	<u>15%</u>	<u>22,839</u>	<u>17,518</u>	<u>40,358</u>	<u>-17.6%</u>	<u>30.8%</u>	<u>22.1%</u>	<u>26.9%</u>
Total/Average	4,891		30,963	31,440	62,403	-10.6%	19.0%	12.8%	15.8%

Source: closed permanent disability claims from third report level unit statistical data

Division of Workers' Compensation (DWC) Distribution of Decisions by Type

<u>Calendar Year</u>	<u>Compromise & Release</u>	<u>Stipulations</u>	<u>Others</u>
1993	73.5%	19.6%	6.9%
1994	70.7%	22.3%	7.0%
1995	63.7%	28.7%	7.6%
1996	59.7%	31.3%	9.0%
1997	58.2%	32.7%	9.1%
1998	57.5%	33.2%	9.3%
1999	57.0%	34.4%	8.6%
2000	56.3%	35.3%	8.4%
2001	56.9%	35.3%	7.8%
2002	55.7%	36.3%	8.0%
2003	59.4%	33.1%	7.5%
2004	59.0%	34.0%	7.0%
2005	61.2%	31.5%	7.3%
2006	57.7%	33.5%	8.8%
2007	55.9%	34.7%	9.4%
2008*	54.4%	38.3%	7.3%
2009	52.2%	43.4%	4.4%
2010	49.5%	46.0%	4.5%
2011	51.2%	44.4%	4.3%
2012	51.4%	44.4%	4.2%
2013	54.5%	41.9%	3.6%
2014	57.7%	38.9%	3.4%
2015	59.3%	37.7%	3.0%
2016	60.7%	36.6%	2.7%
2017	61.1%	36.2%	2.7%
2018	61.6%	35.9%	2.5%
2019	62.4%	35.0%	2.5%
2020	65.2%	32.6%	2.2%
2021	66.6%	31.0%	2.3%
2022	68.0%	29.9%	2.1%

*Prior to 8/9/2008, DWC's workload adjudication data was available from the legacy system. DWC transitioned to a new computer-based system, the Electronic Adjudication Management System (EAMS), at the end of August 2008. Therefore, data for 2008 are comprised of data both from the legacy and from the EAMS system and may not be directly comparable to previous years due to transition issues.

Source: DWC via Commission on Health and Safety & Workers' Compensation 2023 Annual Report

Quarterly Expedited Hearings by Region

<u>Time Period</u>	<u>Northern California</u>	<u>Central California</u>	<u>Southern California</u>	<u>Expedited Hearing</u>	<u>Change from Same Quarter in Prior Year</u>
1st Qtr 2015	15.9%	18.2%	65.9%	4,062	6.5%
2nd Qtr 2015	18.0%	18.0%	63.9%	3,993	-10.5%
3rd Qtr 2015	17.6%	20.1%	62.3%	4,222	-4.1%
4th Qtr 2015	19.1%	20.3%	60.6%	4,252	8.3%
1st Qtr 2016	18.4%	20.7%	60.8%	4,507	11.0%
2nd Qtr 2016	16.7%	20.5%	62.8%	4,631	16.0%
3rd Qtr 2016	17.5%	20.3%	62.2%	4,764	12.8%
4th Qtr 2016	18.3%	20.1%	61.6%	4,569	7.5%
1st Qtr 2017	19.1%	20.3%	60.6%	4,983	10.6%
2nd Qtr 2017	16.8%	17.8%	65.4%	4,990	7.8%
3rd Qtr 2017	16.8%	15.3%	67.9%	5,041	5.8%
4th Qtr 2017	16.5%	15.3%	68.2%	5,155	12.8%
1st Qtr 2018	20.0%	16.4%	63.6%	5,633	13.0%
2nd Qtr 2018	19.7%	14.8%	65.5%	5,768	15.6%
3rd Qtr 2018	20.7%	13.8%	65.5%	5,594	11.0%
4th Qtr 2018	20.3%	12.5%	67.2%	5,537	7.4%
1st Qtr 2019	20.1%	14.6%	65.3%	5,705	1.3%
2nd Qtr 2019	17.8%	12.0%	70.2%	5,831	1.1%
3rd Qtr 2019	17.7%	14.8%	67.5%	6,380	14.1%
4th Qtr 2019	15.8%	12.7%	71.5%	5,793	4.6%
1st Qtr 2020	17.8%	13.7%	68.5%	5,773	1.2%
2nd Qtr 2020	18.3%	13.3%	68.4%	4,773	-18.1%
3rd Qtr 2020	19.3%	13.5%	67.1%	5,638	-11.6%
4th Qtr 2020	19.9%	15.2%	64.8%	5,992	3.4%
1st Qtr 2021	17.5%	12.7%	69.9%	6,414	11.1%
2nd Qtr 2021	19.1%	9.0%	72.0%	6,773	41.9%
3rd Qtr 2021	16.5%	11.6%	71.9%	7,357	30.5%
4th Qtr 2021	13.0%	11.7%	75.3%	4,694	-21.7%
1st Qtr 2022	15.0%	11.7%	73.3%	6,008	-6.3%
2nd Qtr 2022	13.0%	10.7%	76.2%	5,200	-23.2%
3rd Qtr 2022	15.6%	9.4%	75.0%	5,116	-30.5%
4th Qtr 2022	13.9%	6.8%	79.3%	5,158	9.9%
1st Qtr 2023	13.1%	8.5%	78.4%	4,892	-18.6%
2nd Qtr 2023	12.6%	7.5%	79.9%	4,985	-4.1%
3rd Qtr 2023	12.7%	7.2%	80.2%	5,325	4.1%
4th Qtr 2023	11.8%	6.3%	81.8%	5,546	7.5%
1st Qtr 2024	10.6%	6.3%	83.1%	5,395	10.3%
2nd Qtr 2024	11.5%	5.0%	83.5%	5,125	2.8%

Source: DWC

Quarterly Expedited Hearings - DOR Reasons by Region

Northern California

<u>Time Period</u>	<u>Medical Treatment</u>	<u>TD</u>	<u>Other</u>
2Q14-4Q14	77.4%	18.1%	4.5%
2015	76.4%	19.9%	3.7%
2016	77.6%	19.2%	3.2%
2017	77.5%	20.5%	2.0%
2018	80.8%	17.3%	1.9%
2019	81.1%	17.1%	1.8%
2020	81.4%	17.2%	1.4%
2021	82.9%	16.0%	1.1%
2022	84.4%	14.4%	1.2%
2023	84.9%	13.9%	1.2%
2024	84.6%	13.9%	1.5%

Central California

<u>Time Period</u>	<u>Medical Treatment</u>	<u>TD</u>	<u>Other</u>
2Q14-4Q14	86.8%	12.2%	1.0%
2015	84.6%	14.2%	1.2%
2016	87.3%	12.0%	0.7%
2017	84.8%	14.3%	0.9%
2018	84.7%	14.9%	0.4%
2019	82.7%	17.0%	0.3%
2020	81.9%	17.7%	0.5%
2021	82.1%	17.4%	0.5%
2022	82.5%	16.9%	0.6%
2023	82.2%	17.2%	0.6%
2024	83.4%	16.2%	0.3%

Southern California

<u>Time Period</u>	<u>Medical Treatment</u>	<u>TD</u>	<u>Other</u>
2Q14-4Q14	70.0%	19.4%	10.7%
2015	65.4%	20.5%	14.1%
2016	69.1%	18.9%	12.0%
2017	71.5%	18.6%	9.9%
2018	74.2%	17.0%	8.8%
2019	77.7%	16.0%	6.3%
2020	79.7%	15.1%	5.3%
2021	82.6%	13.6%	3.8%
2022	83.7%	13.6%	2.7%
2023	85.5%	12.7%	1.8%
2024	85.5%	13.0%	1.5%

Source: DWC

Number of Division of Workers' Compensation (DWC) Lien Decisions

<u>Calendar Year</u>	<u>Number of Lien Decisions (in 000s)</u>	<u>Year-to-Year Change</u>
1993	18.4	---
1994	26.3	42.9%
1995	33.6	27.8%
1996	33.9	0.9%
1997	27.1	-20.1%
1998	19.3	-28.8%
1999	17.6	-8.8%
2000	15.1	-14.2%
2001	14.8	-2.0%
2002	16.6	12.2%
2003	16.5	-0.6%
2004	21.2	28.5%
2005	24.3	14.6%
2006	28.3	16.5%
2007	35.2	24.4%
2008*	34.5	-2.0%
2009	28.5	-17.4%
2010	37.1	30.2%
2011	41.4	11.6%
2012	64.3	55.3%
2013	65.8	2.3%
2014	63.4	-3.6%
2015	64.1	1.1%
2016	56.1	-12.5%
2017	52.2	-7.0%
2018	49.7	-4.8%
2019	42.1	-15.3%
2020	16.4	-61.0%
2021	4.7	-71.3%
2022	4.2	-10.6%

*Prior to 8/9/2008, DWC's workload adjudication data was available from the legacy system. DWC transitioned to a new computer-based system, the Electronic Adjudication Management System (EAMS), at the end of August 2008. Therefore, data for 2008 are comprised of data both from the legacy and from the EAMS system and may not be directly comparable to previous years due to transition issues.

Source: DWC via Commission on Health and Safety & Workers' Compensation 2023 Annual Report

Liens Filed Counts*

Counts by Region**								
Time Period	Bay Area	Central Coast/ Valley	Los Angeles County	Remainder of LA Basin	Remaining CA Zip Codes	Sacramento	San Diego County	Total
1st Qtr 2013	1,232	2,193	46,830	17,032	230	268	1,312	69,097
2nd Qtr 2013	1,450	1,562	18,947	6,917	211	339	684	30,110
3rd Qtr 2013	1,607	1,795	25,999	9,855	247	410	991	40,904
4th Qtr 2013	1,928	2,025	29,537	10,893	276	358	1,136	46,153
1st Qtr 2014	1,841	2,029	25,668	10,117	239	384	1,165	41,443
2nd Qtr 2014	1,697	2,306	29,417	11,942	265	354	1,263	47,244
3rd Qtr 2014	1,941	1,996	29,665	12,198	355	424	1,378	47,957
4th Qtr 2014	1,690	2,371	34,772	12,469	374	384	1,488	53,548
1st Qtr 2015	2,071	3,058	45,827	18,016	431	488	2,133	72,024
2nd Qtr 2015	2,370	4,218	54,147	22,198	501	500	2,787	86,721
3rd Qtr 2015	2,428	4,977	61,619	24,827	691	526	3,047	98,115
4th Qtr 2015	2,338	4,991	68,843	26,571	686	495	3,085	107,009
1st Qtr 2016	2,884	5,410	67,259	27,326	672	538	3,931	108,020
2nd Qtr 2016	2,543	5,112	66,511	26,852	536	506	3,912	105,972
3rd Qtr 2016	2,243	4,167	45,707	20,136	420	462	3,404	76,539
4th Qtr 2016	1,872	4,433	66,169	25,942	506	397	4,400	103,719
1st Qtr 2017	1,228	1,872	24,947	9,594	334	312	1,380	39,667
2nd Qtr 2017	1,537	2,211	33,194	11,969	349	369	1,764	51,393
3rd Qtr 2017	1,700	2,047	29,215	10,487	298	419	1,149	45,315
4th Qtr 2017	1,535	1,804	26,566	9,914	313	366	1,176	41,674
1st Qtr 2018	1,501	1,575	28,754	10,848	312	406	1,314	44,710
2nd Qtr 2018	1,264	1,538	23,697	9,034	312	338	986	37,169
3rd Qtr 2018	1,156	1,178	18,596	6,340	241	309	702	28,522
4th Qtr 2018	1,276	1,217	19,034	6,108	230	308	690	28,863
1st Qtr 2019	1,206	1,044	17,863	5,664	268	336	577	26,958
2nd Qtr 2019	1,447	1,049	15,862	5,073	244	334	445	24,454
3rd Qtr 2019	1,246	1,195	16,354	4,731	319	381	549	24,775
4th Qtr 2019	1,206	948	15,597	4,496	286	334	434	23,301
1st Qtr 2020	1,189	1,108	14,627	4,095	260	360	461	22,100
2nd Qtr 2020	1,059	878	11,743	3,548	213	288	480	18,209
3rd Qtr 2020	1,462	825	13,277	3,875	260	420	408	20,527
4th Qtr 2020	1,368	706	13,494	4,128	261	255	325	20,537
1st Qtr 2021	1,111	806	14,407	4,134	277	288	353	21,376
2nd Qtr 2021	1,107	904	14,143	3,857	360	277	345	20,993
3rd Qtr 2021	1,056	807	16,129	4,140	386	275	324	23,117
4th Qtr 2021	1,056	752	12,745	3,691	324	289	272	19,129
1st Qtr 2022	1,028	814	12,998	3,767	339	285	302	19,533
2nd Qtr 2022	1,112	820	13,944	4,152	357	277	316	20,978
3rd Qtr 2022	1,162	780	15,537	4,904	270	280	332	23,265
4th Qtr 2022	1,192	752	14,986	5,192	471	574	320	23,487
1st Qtr 2023	1,024	765	15,958	5,115	369	308	377	23,916
2nd Qtr 2023	1,372	772	15,299	4,997	309	291	334	23,374
3rd Qtr 2023	1,099	737	16,672	5,382	496	360	310	25,056
4th Qtr 2023	1,045	950	19,505	5,927	626	246	310	28,609
1st Qtr 2024	1,127	630	21,206	6,544	495	305	342	30,649
2nd Qtr 2024	1,460	585	20,144	5,910	381	375	317	29,172

* Lien Counts exclude SDI/EDD Liens

** Regions reflect the following WCAB Office mapping: Bay Area - Oakland, San Jose, San Francisco; Central Coast/Valley - Bakersfield, Fresno, Goleta, Grover Beach, Salinas, Stockton; Los Angeles County - Long Beach, Los Angeles, Marina Del Rey, Pomona, Van Nuys; Remainder of LA Basin - Anaheim, Oxnard, Riverside, San Bernardino, Santa Ana; Remaining CA Zip Codes - Eureka, Redding, San Luis Obispo, Santa Barbara, Santa Rosa; Sacramento - Sacramento; San Diego County - San Diego

Source: EAMS Liens Data

Liens Filed Counts*

Counts by Type						
<u>Time Period</u>	<u>Interpreter</u>	<u>Medical</u>	<u>Medical-Legal</u>	<u>Copy Service</u>	<u>Other***</u>	<u>Total</u>
1st Qtr 2013	2,397	45,631	11,411	11	9,647	69,097
2nd Qtr 2013	831	22,480	587	20	6,192	30,110
3rd Qtr 2013	484	32,356	653	23	7,388	40,904
4th Qtr 2013	378	37,515	537	8	7,715	46,153
1st Qtr 2014	421	33,105	397	16	7,504	41,443
2nd Qtr 2014	275	38,534	320	10	8,105	47,244
3rd Qtr 2014	140	39,810	179	7	7,821	47,957
4th Qtr 2014	156	45,440	160	4	7,788	53,548
1st Qtr 2015	143	60,155	216	18	11,492	72,024
2nd Qtr 2015	152	74,037	268	7	12,257	86,721
3rd Qtr 2015	134	84,290	191	7	13,493	98,115
4th Qtr 2015	101	91,820	236	15	14,837	107,009
1st Qtr 2016	60	93,393	233	5	14,329	108,020
2nd Qtr 2016	90	89,781	467	6	15,628	105,972
3rd Qtr 2016	64	64,924	262	11	11,278	76,539
4th Qtr 2016	94	91,867	68	4	11,686	103,719
1st Qtr 2017	29	33,952	19	3	5,664	39,667
2nd Qtr 2017	33	43,470	34	5	7,851	51,393
3rd Qtr 2017	77	37,815	31	0	7,392	45,315
4th Qtr 2017	65	33,876	18	1	7,714	41,674
1st Qtr 2018	64	36,674	29	2	7,941	44,710
2nd Qtr 2018	103	29,276	22	0	7,768	37,169
3rd Qtr 2018	79	21,334	14	4	7,091	28,522
4th Qtr 2018	60	21,595	22	1	7,185	28,863
1st Qtr 2019	75	19,887	12	1	6,983	26,958
2nd Qtr 2019	54	18,497	17	1	5,885	24,454
3rd Qtr 2019	43	17,721	9	1	6,674	24,775
4th Qtr 2019	48	15,977	14	0	7,262	23,301
1st Qtr 2020	38	15,775	16	0	6,271	22,100
2nd Qtr 2020	16	12,693	8	0	5,492	18,209
3rd Qtr 2020	15	14,211	12	0	6,289	20,527
4th Qtr 2020	10	14,460	10	0	6,057	20,537
1st Qtr 2021	24	14,869	15	0	6,468	21,376
2nd Qtr 2021	15	14,598	15	0	6,365	20,993
3rd Qtr 2021	14	17,289	1	0	5,813	23,117
4th Qtr 2021	38	14,146	4	0	4,941	19,129
1st Qtr 2022	18	14,194	15	0	5,306	19,533
2nd Qtr 2022	11	15,165	8	0	5,794	20,978
3rd Qtr 2022	16	17,295	7	0	5,947	23,265
4th Qtr 2022	8	16,429	7	0	7,043	23,487
1st Qtr 2023	32	17,978	2	0	5,904	23,916
2nd Qtr 2023	15	16,255	9	0	7,095	23,374
3rd Qtr 2023	15	17,950	11	1	7,079	25,056
4th Qtr 2023	22	19,747	7	2	8,831	29,172
1st Qtr 2024	1	22,197	11	1	8,439	30,649
2nd Qtr 2024	1	19,469	5	1	9,696	29,172

* Lien Counts exclude SDI/EDD Liens

***Other includes Attorney Fees, Family Support, Living Expense, PFL, Transport, Wage Replace Liens

Source: EAMS Liens Data

Medicare Set-aside Costs

Calendar <u>Year</u>	(1) Medical Payments <u>(\$000)</u>	(2) MSA Payments <u>(\$000)</u>	(3) MSA as % of Total Medical <u>(2) / (1)</u>
2013	5,074,203	129,791	2.6%
2014	5,034,460	147,224	2.9%
2015	4,902,250	178,244	3.6%
2016	4,825,209	228,778	4.7%
2017	4,742,156	249,568	5.3%
2018	4,670,233	285,842	6.1%
2019	4,680,815	314,818	6.7%
2020	4,243,197	283,872	6.7%
2021	4,356,506	279,476	6.4%
2022	4,410,882	246,077	5.6%
2023	4,711,657	238,830	5.1%

Sources: WCIRB aggregate indemnity and medical cost calls

Ratio of Incremental Closed Indemnity Claims to Prior Open Indemnity Claims

Accident Year	Development								
	<u>3-15</u>	<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>
2004									18.6%
2005								19.5%	24.3%
2006							20.9%	24.4%	20.5%
2007						22.9%	26.7%	22.1%	23.3%
2008					25.2%	27.9%	25.2%	25.6%	24.0%
2009				26.7%	28.4%	26.4%	27.6%	26.0%	22.8%
2010			27.0%	30.6%	28.7%	29.3%	28.5%	25.4%	24.9%
2011		26.5%	29.8%	30.7%	30.8%	29.2%	28.4%	28.5%	25.0%
2012	28.3%	28.6%	31.0%	31.9%	31.6%	31.1%	30.4%	27.5%	21.8%
2013	28.3%	30.2%	32.4%	34.3%	33.9%	32.1%	31.7%	25.7%	22.5%
2014	28.8%	31.7%	33.8%	36.3%	35.4%	32.7%	26.9%	25.7%	21.8%
2015	29.5%	33.8%	36.8%	38.3%	35.6%	27.4%	28.2%	24.1%	22.1%
2016	30.9%	35.9%	39.5%	38.5%	30.9%	28.5%	27.2%	23.8%	
2017	33.3%	37.9%	39.1%	33.7%	31.9%	28.5%	26.4%		
2018	33.8%	37.6%	34.5%	34.4%	32.4%	29.4%			
2019	33.8%	32.6%	33.9%	35.1%	32.8%				
2020	31.9%	33.1%	34.1%	34.1%					
2021	34.2%	34.1%	33.4%						
2022	33.9%	34.4%							
2023	33.1%								

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Ratio of Incremental Closed Indemnity Claims to Prior Open Indemnity Claims

Accident Year	Development														
	3-6	6-9	9-12	12-15	15-18	18-21	21-24	24-27	27-30	30-33	33-36	36-39	39-42	42-45	45-48
2009	4.0%	7.9%	10.3%	10.6%	8.5%	6.8%	6.6%	6.5%	6.9%	7.6%	7.8%	7.2%	7.9%	7.1%	7.7%
2010	4.1%	7.5%	10.4%	11.1%	8.5%	6.8%	7.1%	6.8%	7.6%	7.3%	7.9%	7.8%	9.1%	8.8%	9.3%
2011	4.3%	7.2%	10.6%	10.7%	8.7%	7.0%	7.3%	7.0%	8.4%	8.3%	9.2%	8.4%	8.5%	9.2%	9.1%
2012	4.3%	7.4%	10.4%	10.5%	9.1%	7.5%	8.2%	7.6%	8.6%	9.2%	9.3%	8.9%	9.3%	9.5%	9.6%
2013	4.2%	7.1%	10.4%	10.6%	9.4%	8.4%	8.6%	8.5%	9.2%	9.3%	9.9%	9.8%	10.4%	10.1%	10.6%
2014	4.1%	7.3%	10.3%	11.2%	9.6%	9.1%	9.0%	9.1%	9.6%	9.9%	10.5%	9.9%	11.4%	10.3%	11.4%
2015	4.0%	7.6%	10.4%	11.8%	10.6%	9.2%	9.7%	10.2%	11.2%	10.7%	11.2%	10.6%	11.7%	11.4%	11.4%
2016	4.2%	7.6%	10.9%	12.5%	11.6%	10.0%	10.7%	10.0%	11.7%	11.3%	12.3%	11.9%	12.1%	11.1%	11.6%
2017	4.7%	8.2%	12.2%	13.1%	12.1%	10.8%	11.5%	10.7%	11.8%	11.7%	12.0%	11.0%	9.6%	10.0%	9.7%
2018	4.8%	8.5%	12.3%	13.2%	12.0%	10.8%	11.0%	10.6%	9.7%	9.9%	10.2%	9.7%	10.2%	9.9%	10.1%
2019	4.7%	8.4%	12.4%	13.4%	10.0%	9.3%	9.4%	8.9%	9.8%	9.7%	10.0%	9.8%	10.6%	10.5%	10.4%
2020	4.9%	11.1%	8.4%	12.2%	11.2%	9.1%	9.4%	8.7%	10.0%	10.1%	10.5%	9.4%	9.8%	9.6%	10.1%
2021	5.3%	8.7%	12.1%	13.8%	11.9%	9.7%	9.4%	9.2%	9.2%	9.3%	10.2%	10.8%			
2022	5.1%	8.9%	12.3%	13.8%	11.2%	9.9%	9.8%	10.7%							
2023	5.3%	8.7%	12.4%	12.8%											

Note: All figures in each accident year contain information from the same combination of insurers, all of whom submitted complete data for all evaluations for that accident year. Therefore, each accident year may contain a different mix of insurers (ranging from 91% to 99% of the total California workers' compensation insured market measured using 2023 earned premium levels).

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

2023 Accident Year Indemnity Claim Frequency Model
As of PY 2021 1st Set & June 2024 UCLA

AY	Annual % Changes Intra- Class Ind Freq	Annual Log Differences				Cumulative Injury Index	Economic Variables (1st Prin. Comp.)
	Total	Intra-Class Indemnity Frequency per \$M Exposure at PY 2020 Level			AY+1 Indemnity Benefit Level		
		Total	Cumulative	Non-cum.			
1994	-10.5%	-0.111	-0.167	-0.105	-0.057	-0.061	0.106
1995	-0.3%	-0.003	0.009	-0.004	0.061	0.013	0.092
1996	-6.8%	-0.070	-0.165	-0.061	0.053	-0.104	0.074
1997	-3.3%	-0.033	-0.026	-0.034	0.096	0.008	0.137
1998	-3.7%	-0.038	-0.020	-0.040	0.066	0.019	0.078
1999	1.5%	0.015	0.010	0.015	0.058	-0.005	0.127
2000	4.0%	0.039	0.101	0.033	0.040	0.068	0.065
2001	-6.9%	-0.072	0.106	-0.091	-0.003	0.197	-0.104
2002	-2.8%	-0.029	0.196	-0.061	-0.007	0.257	-0.212
2003	-3.2%	-0.032	0.025	-0.042	0.060	0.067	-0.019
2004	-16.8%	-0.184	-0.321	-0.163	-0.065	-0.158	0.103
2005	-13.6%	-0.147	-0.343	-0.121	-0.398	-0.222	0.147
2006	-5.6%	-0.058	-0.204	-0.042	0.051	-0.163	0.094
2007	-1.7%	-0.017	-0.042	-0.015	0.016	-0.027	-0.080
2008	-2.7%	-0.027	-0.012	-0.029	0.049	0.017	-0.316
2009	-0.3%	-0.003	0.133	-0.017	0.069	0.150	-0.461
2010	8.8%	0.085	0.115	0.081	0.016	0.034	-0.077
2011	1.2%	0.012	0.028	0.010	0.000	0.017	0.047
2012	4.7%	0.046	0.115	0.037	0.003	0.077	0.125
2013	0.4%	0.004	0.131	-0.014	0.019	0.145	0.153
2014	0.2%	0.002	0.046	-0.005	0.070	0.051	0.179
2015	-1.5%	-0.015	0.008	-0.018	0.000	0.026	0.194
2016	-2.6%	-0.026	0.033	-0.036	0.000	0.069	0.127
2017	-2.0%	-0.020	-0.073	-0.011	0.000	-0.062	0.130
2018	-0.4%	-0.004	-0.061	0.005	0.000	-0.066	0.127
2019	1.8%	0.017	0.039	0.014	0.000	0.025	0.070
2020	-8.7%	-0.091	0.067	-0.118	0.000	0.186	-0.936
2021	3.3%	0.033	-0.224	0.075	0.000	-0.299	0.325
2022*	-3.8%	-0.003	0.090	-0.019	0.000	0.108	0.536
2023	-1.6%	-0.016	0.050	-0.027	0.000	0.077	-0.096
2024	-2.4%	-0.024	0.015	-0.031	0.000	0.046	-0.074
2025	-0.8%	-0.008	0.014	-0.012	0.000	0.026	0.154
2026	-2.2%	-0.022	-0.009	-0.025	0.000	0.016	0.043

Y = Hazardousness-Adjusted Noncumulative Indemnity Claim Frequency

Constant -0.033

Std Err of Y Est 0.041

R Squared 0.437

No. of Observations 41

Degrees of Freedom 37

X Coefficient(s) 0.188 0.210 0.103

Std Err of Coef. 0.077 0.062 0.043

Notes:

The Indemnity Benefit Level variable is concurrent. The AY 2004 benefit level change is related to the AY 2004 change in non-cumulative frequency.

The Indemnity Benefit Level variable excludes indemnity benefit utilization, cost-of-living adjustments, and changes in the death and permanent total benefits.

The Indemnity Benefit Level variable has been revised due to on-leveling reassessments. See Actuarial Committee item AC09-03-03.

For 1993 on, cumulative claims include both cumulative trauma and occupational disease claims. See Actuarial Committee item AC14-03-19.

The definition of cumulative claims has been further amended to include claims coded with certain nature of injury codes in USR. See Actuarial Committee item AC21-12-09.

Economic variables are historical through 2023; June 2024 UCLA Anderson Forecasts for 2024 on.

The indicator variable for Cal-OSHA inspections has been moved into an on-level adjustment. See Actuarial Committee item AC21-12-09.

Regression is over AY 1979 through AY 2022, excluding 2020, 2021, and 2022. AY 2023 through AY 2026 are projections.

Excludes claims due to COVID-19.

The constant term is unadjusted and no longer includes measured offsets of -0.020 that recognized annual changes in real benefit levels relative to nominal benefit levels and long-term economic growth. Future studies showed that the inclusion of the offset was only necessary because projections of changes in the cumulative injury index were not included as part of forecast frequency changes. See Actuarial Committee Item AC21-12-09.

*AY 2022 change is based on a comparison of 2022 accidents on 2021 policies to 2021 accidents on 2020 policies.

Indemnity Claim Frequency History and Projections

AY	Intra-Class Indemnity Claim Frequency(a)	Inter-Class Indemnity Claim Frequency Index(b)	Overall Indemnity Claim Frequency	Annual Percent Changes		
				Intra-Class	Inter-Class	Overall
1994	0.305	0.733	0.373	-10.52%	-2.56%	-12.81%
1995	0.304	0.702	0.357	-0.28%	-4.22%	-4.49%
1996	0.283	0.693	0.328	-6.78%	-1.25%	-7.94%
1997	0.274	0.685	0.313	-3.29%	-1.23%	-4.48%
1998	0.264	0.680	0.300	-3.73%	-0.60%	-4.31%
1999	0.267	0.670	0.300	1.48%	-1.49%	-0.02%
2000	0.278	0.651	0.303	3.96%	-2.91%	0.93%
2001	0.259	0.652	0.282	-6.90%	0.13%	-6.78%
2002	0.251	0.660	0.278	-2.84%	1.34%	-1.54%
2003	0.243	0.662	0.270	-3.18%	0.20%	-2.99%
2004	0.202	0.660	0.224	-16.84%	-0.21%	-17.02%
2005	0.175	0.658	0.193	-13.65%	-0.31%	-13.91%
2006	0.165	0.653	0.180	-5.60%	-0.81%	-6.36%
2007	0.162	0.649	0.176	-1.68%	-0.68%	-2.35%
2008	0.158	0.641	0.169	-2.70%	-1.18%	-3.85%
2009	0.157	0.629	0.166	-0.27%	-1.82%	-2.09%
2010	0.171	0.617	0.177	8.83%	-1.87%	6.79%
2011	0.173	0.609	0.177	1.22%	-1.42%	-0.22%
2012	0.182	0.601	0.183	4.71%	-1.20%	3.45%
2013	0.182	0.599	0.183	0.36%	-0.36%	0.00%
2014	0.183	0.600	0.183	0.17%	0.21%	0.38%
2015	0.180	0.597	0.180	-1.46%	-0.59%	-2.05%
2016	0.175	0.593	0.174	-2.58%	-0.74%	-3.30%
2017	0.172	0.588	0.169	-1.95%	-0.74%	-2.68%
2018	0.171	0.585	0.167	-0.38%	-0.55%	-0.93%
2019	0.174	0.574	0.167	1.77%	-1.82%	-0.09%
2020	0.159	0.580	0.154	-8.71%	0.92%	-7.87%
2021(c)	0.164	0.598	0.164	3.33%	3.16%	6.59%
2021(d)	0.164	0.598	0.164	---	---	---
2022(e)	0.158	0.597	0.158	-3.81%	-0.12%	-3.93%
2023	0.161	0.599	0.156	-1.58%	0.40%	-1.19%
2024	0.157	0.599	0.152	-2.38%	-0.13%	-2.51%
2025	0.156	0.595	0.150	-0.76%	-0.61%	-1.36%
2026	0.152	0.595	0.146	-2.22%	0.00%	-2.22%
PY						
2008	0.158	0.635	0.168			
2009	0.164	0.624	0.171	3.95%	-1.85%	1.99%
2010	0.172	0.613	0.177	5.13%	-1.66%	3.41%
2011	0.177	0.605	0.179	2.85%	-1.32%	1.48%
2012	0.182	0.600	0.183	2.64%	-0.81%	1.82%
2013	0.182	0.600	0.183	0.27%	-0.10%	0.18%
2014	0.181	0.599	0.182	-0.59%	-0.17%	-0.75%
2015	0.178	0.595	0.177	-1.98%	-0.66%	-2.62%
2016	0.173	0.589	0.171	-2.47%	-0.99%	-3.43%
2017	0.173	0.580	0.167	-0.45%	-1.53%	-1.99%
2018	0.167	0.577	0.161	-3.15%	-0.56%	-3.71%
2019	0.161	0.588	0.159	-3.39%	1.96%	-1.44%
2020	0.164	0.598	0.164	1.65%	1.66%	3.31%
2021	0.161	0.597	0.161	-1.89%	-0.06%	-1.95%
2022	0.159	0.598	0.157	-1.13%	0.12%	-2.68%
2023	0.159	0.599	0.154	-0.02%	0.15%	-1.80%
2024	0.157	0.597	0.151	-1.64%	-0.35%	-1.98%
2025	0.154	0.595	0.148	-1.44%	-0.33%	-1.76%

Notes: (a) All frequencies are per \$M exposure at PY 2022 Level.
(b) Index is to AY 1961. Index has been revised due to on-leveling reassessments for Cal-OSHA inspections. See Actuarial Committee item AC21-12-09.
(c) 2021 accidents on 2021 and 2020 policies.
(d) 2021 accidents on 2020 policies only.
(e) AY 2022 percent changes are based on a comparison of 2022 accidents on 2021 policies to 2021 accidents on 2020 policies.
(f) Forecasts below thick solid line.
Source: WCIRB Indemnity Frequency Model

Self-Insured Employers - Claim Frequency

Private Self-Insured Employers

CY	Number of Cases Reported During Year			Indemnity /Total	Annual Change	Private Employees	Total Frequency	Total Freq.	Indemnity Frequency	Ind. Freq
	Medical-Only	Indemnity	Total					Annual Change		Annual Change
2001	73,527	46,596	120,123	0.388	---	2,049,611	0.059	---	0.023	---
2002	72,130	46,218	118,348	0.391	0.7%	1,968,800	0.060	2.6%	0.023	3.3%
2003	69,761	46,477	116,238	0.400	2.4%	2,474,025	0.047	-21.8%	0.019	-20.0%
2004	70,630	42,455	113,085	0.375	-6.1%	2,595,470	0.044	-7.3%	0.016	-12.9%
2005	66,467	40,102	106,569	0.376	0.2%	2,814,083	0.038	-13.1%	0.014	-12.9%
2006	69,395	35,570	104,965	0.339	-9.5%	2,681,843	0.039	3.4%	0.013	-6.9%
2007	61,432	30,247	91,679	0.330	-2.6%	2,295,155	0.040	2.1%	0.013	-0.6%
2008	59,764	32,631	92,395	0.353	7.0%	2,393,095	0.039	-3.3%	0.014	3.5%
2009	51,916	29,557	81,473	0.363	2.7%	2,173,519	0.037	-2.9%	0.014	-0.3%
2010	50,039	29,036	79,075	0.367	1.2%	2,145,570	0.037	-1.7%	0.014	-0.5%
2011	48,360	29,026	77,386	0.375	2.1%	2,111,065	0.037	-0.5%	0.014	1.6%
2012	49,492	28,065	77,557	0.362	-3.5%	2,122,757	0.037	-0.3%	0.013	-3.8%
2013	46,442	29,573	76,015	0.389	7.5%	2,088,402	0.036	-0.4%	0.014	7.1%
2014	45,775	30,652	76,427	0.401	3.1%	2,190,516	0.035	-4.1%	0.014	-1.2%
2015	43,785	31,899	75,684	0.421	5.1%	2,259,451	0.033	-4.0%	0.014	0.9%
2016	46,039	32,365	78,404	0.413	-2.1%	2,374,484	0.033	-1.4%	0.014	-3.5%
2017	48,008	31,647	79,655	0.397	-3.8%	2,255,013	0.035	7.0%	0.014	3.0%
2018	50,082	33,791	83,873	0.403	1.4%	2,260,244	0.037	5.1%	0.015	6.5%
2019	51,545	34,307	85,852	0.400	-0.8%	2,334,022	0.037	-0.9%	0.015	-1.7%
2020	43,779	42,724	86,503	0.494	23.6%	2,338,320	0.037	0.6%	0.018	24.3%
2021	48,766	44,664	93,430	0.478	-3.2%	2,384,554	0.039	5.9%	0.019	2.5%
2022	52,300	51,978	104,278	0.498	4.3%	2,419,478	0.043	10.0%	0.021	14.7%
2023	48,404	45,982	94,386	0.487	-2.3%	2,342,581	0.040	-6.5%	0.020	-8.6%

Public Self-Insured Employers

FY	Number of Cases Reported During Year			Indemnity /Total	Annual Change	Public Employees	Total Frequency	Total Freq.	Indemnity Frequency	Ind. Freq
	Medical-Only	Indemnity	Total					Annual Change		Annual Change
2000/2001	65,103	56,168	121,271	0.463	---	1,379,977	0.088	---	0.041	---
2001/2002	65,372	60,688	126,060	0.481	3.9%	1,504,119	0.084	-4.6%	0.040	-0.9%
2002/2003	69,985	65,043	135,028	0.482	0.1%	1,646,055	0.082	-2.1%	0.040	-2.1%
2003/2004	68,563	64,214	132,777	0.484	0.4%	1,804,405	0.074	-10.3%	0.036	-9.9%
2004/2005	69,739	56,265	126,004	0.447	-7.7%	1,764,198	0.071	-2.9%	0.032	-10.4%
2005/2006	66,405	52,524	118,929	0.442	-1.1%	1,670,607	0.071	-0.3%	0.031	-1.4%
2006/2007	65,564	50,664	116,228	0.436	-1.3%	1,842,017	0.063	-11.4%	0.028	-12.5%
2007/2008	70,784	57,618	128,402	0.449	2.9%	1,939,483	0.066	4.9%	0.030	8.0%
2008/2009	68,184	57,595	125,779	0.458	2.0%	2,095,055	0.060	-9.3%	0.027	-7.5%
2009/2010	64,031	57,322	121,353	0.472	3.2%	2,040,413	0.059	-0.9%	0.028	2.2%
2010/2011	61,806	57,201	119,007	0.481	1.8%	1,920,695	0.062	4.2%	0.030	6.0%
2011/2012	61,151	57,461	118,612	0.484	0.8%	1,898,064	0.062	0.9%	0.030	1.7%
2012/2013	60,303	56,398	116,701	0.483	-0.2%	1,891,873	0.062	-1.3%	0.030	-1.5%
2013/2014	58,263	56,858	115,121	0.494	2.2%	2,396,139	0.048	-22.1%	0.024	-20.4%
2014/2015	57,276	57,519	114,795	0.501	1.4%	1,991,021	0.058	20.0%	0.029	21.7%
2015/2016	59,033	56,797	115,830	0.490	-2.1%	2,068,691	0.056	-2.9%	0.027	-5.0%
2016/2017	60,528	55,723	116,251	0.479	-2.2%	2,127,675	0.055	-2.4%	0.026	-4.6%
2017/2018	58,395	57,475	115,870	0.496	3.5%	2,080,967	0.056	1.9%	0.028	5.5%
2018/2019	57,230	58,287	115,517	0.505	1.7%	2,113,128	0.055	-1.8%	0.028	-0.1%
2019/2020	50,250	57,830	108,080	0.535	6.0%	2,091,093	0.052	-5.5%	0.028	0.3%
2020/2021	40,374	66,787	107,161	0.623	16.5%	1,998,664	0.054	3.7%	0.033	20.8%
2021/2022	52,456	92,220	144,676	0.637	2.3%	2,017,072	0.072	33.8%	0.046	36.8%
2022/2023	52,405	67,923	120,328	0.564	-11.4%	2,088,210	0.058	-19.7%	0.033	-28.9%

Sources: California Department of Industrial Relations

Self-Insured Employers - Claim Frequency

All Self-Insured Employers											Insured System	
CY	Number of Cases Reported During Year			Indemnity /Total	Annual Change	All Self-Ins. Employees	Total Frequency	Total Freq.	Ind. Freq	AY	Ind. Freq Annual Change	
	Medical-Only	Indemnity	Total					Annual Change	Frequency			Change
2001	138,765	105,024	243,789	0.431	---	3,491,659	0.070	---	0.030	---	2001	-6.9%
2002	139,809	109,084	248,892	0.438	1.7%	3,543,887	0.070	0.6%	0.031	2.3%	2002	-2.8%
2003	139,035	111,106	250,141	0.444	1.3%	4,199,255	0.060	-15.2%	0.026	-14.0%	2003	-3.2%
2004	139,781	102,695	242,476	0.424	-4.6%	4,379,772	0.055	-7.1%	0.023	-11.4%	2004	-16.8%
2005	134,539	94,497	229,036	0.413	-2.6%	4,531,486	0.051	-8.7%	0.021	-11.1%	2005	-13.6%
2006	135,380	87,164	222,544	0.392	-5.1%	4,438,155	0.050	-0.8%	0.020	-5.8%	2006	-5.6%
2007	129,606	84,388	213,994	0.394	0.7%	4,185,905	0.051	2.0%	0.020	2.6%	2007	-1.7%
2008	129,248	90,238	219,486	0.411	4.3%	4,410,364	0.050	-2.7%	0.020	1.5%	2008	-2.7%
2009	118,024	87,016	205,039	0.424	3.2%	4,241,253	0.048	-2.9%	0.021	0.3%	2009	-0.3%
2010	112,958	86,298	199,255	0.433	2.1%	4,126,124	0.048	-0.1%	0.021	1.9%	2010	8.8%
2011	109,839	86,357	196,196	0.440	1.6%	4,020,445	0.049	1.1%	0.021	2.7%	2011	1.2%
2012	110,219	84,995	195,214	0.435	-1.1%	4,017,726	0.049	-0.4%	0.021	-1.5%	2012	4.7%
2013	105,725	86,201	191,926	0.449	3.2%	4,232,408	0.045	-6.7%	0.020	-3.7%	2013	0.4%
2014	103,545	87,841	191,385	0.459	2.2%	4,384,096	0.044	-3.7%	0.020	-1.6%	2014	0.2%
2015	101,940	89,057	190,997	0.466	1.6%	4,289,307	0.045	2.0%	0.021	3.6%	2015	-1.5%
2016	105,820	88,625	194,445	0.456	-2.2%	4,472,667	0.043	-2.4%	0.020	-4.6%	2016	-2.6%
2017	107,470	88,246	195,716	0.451	-1.1%	4,359,334	0.045	3.3%	0.020	2.2%	2017	-2.0%
2018	107,895	91,672	199,567	0.459	1.9%	4,357,292	0.046	2.0%	0.021	3.9%	2018	-0.4%
2019	105,285	92,366	197,651	0.467	1.7%	4,436,133	0.045	-2.7%	0.021	-1.0%	2019	1.8%
2020	89,091	105,033	194,124	0.541	15.8%	4,383,199	0.044	-0.6%	0.024	15.1%	2020	-8.7%
2021	95,181	124,168	219,349	0.566	4.6%	4,392,422	0.050	12.8%	0.028	18.0%	2021	3.3%
2022	104,731	132,050	236,780	0.558	-1.5%	4,472,119	0.053	6.0%	0.030	4.5%	2022	-3.8%
											Including COVID-19 claims:	
											2020	3.4%
											2021	-4.3%
											2022	-2.6%

Notes: Fiscal Year Public data prorated to CYs 50%/50%.
Insured System AY 2022 change is based on a comparison of 2022 accidents on 2021 policies to 2021 accidents on 2020 policies.

Sources: California Department of Industrial Relations
WCIRB Indemnity Claim Frequency Model for insured system

Changes in Incremental Indemnity Claim Counts and Medical-Only Claim Counts

Calendar Quarter <u>Evaluation</u>	Change in Statewide Incremental Number of Indemnity Claims		Change in Statewide Incremental Number of Medical-Only Claims	
	Change in	Change in	Change in	Change in
	Quarterly Increment	4-Quarter Increment	Quarterly Increment	4-Quarter Increment
	from Same Quarter	from Same Quarter	from Same Quarter	from Same Quarter
	at Prior	at Prior	at Prior	at Prior
	<u>Calendar Year</u>	<u>Calendar Year</u>	<u>Calendar Year</u>	<u>Calendar Year</u>
3/31/2015	-2.3%	-0.4%	4.2%	0.2%
6/30/2015	2.4%	0.2%	2.7%	2.4%
9/30/2015	18.4%	4.8%	8.2%	4.3%
12/31/2015	2.7%	5.5%	0.7%	4.0%
3/31/2016	5.0%	7.3%	6.3%	4.5%
6/30/2016	2.7%	7.3%	4.6%	5.0%
9/30/2016	-13.7%	-1.6%	-3.6%	1.7%
12/31/2016	0.3%	-2.2%	-1.3%	1.2%
3/31/2017	3.8%	-2.4%	1.3%	0.1%
6/30/2017	3.8%	-2.1%	6.3%	0.6%
9/30/2017	0.9%	2.2%	5.2%	3.0%
12/31/2017	2.1%	2.6%	13.2%	6.5%
3/31/2018	-19.8%	-3.1%	13.5%	9.4%
6/30/2018	-2.1%	-4.6%	-1.4%	7.4%
9/30/2018	7.4%	-2.9%	10.2%	8.7%
12/31/2018	3.6%	-2.5%	5.0%	6.7%
3/31/2019	26.1%	7.6%	-5.8%	2.1%
6/30/2019	2.8%	8.9%	7.3%	4.2%
9/30/2019	2.0%	7.4%	-3.1%	0.7%
12/31/2019	1.3%	6.7%	25.9%	6.1%
3/31/2020	1.8%	2.0%	-20.8%	2.8%
6/30/2020	-13.8%	-2.2%	-40.4%	-8.8%
9/30/2020	5.1%	-1.4%	-28.7%	-15.7%
12/31/2020	12.1%	1.3%	-14.8%	-25.5%
3/31/2021	6.8%	2.5%	-33.4%	-27.9%
6/30/2021	12.1%	8.9%	34.1%	-14.6%
9/30/2021	-4.2%	6.1%	35.2%	1.1%
12/31/2021	-12.7%	-0.5%	-9.7%	3.8%
3/31/2022	8.2%	0.0%	49.7%	20.4%
6/30/2022	9.5%	-0.3%	26.3%	19.3%
9/30/2022	-0.3%	0.7%	-10.1%	6.9%
12/31/2022	6.1%	5.7%	-7.4%	8.2%
3/31/2023	-8.1%	1.4%	11.0%	3.1%
6/30/2023	3.3%	0.1%	-21.7%	-8.4%
9/30/2023	4.6%	1.3%	0.6%	-5.7%
12/31/2023	6.7%	1.5%	-7.9%	-5.8%
3/31/2024	10.5%	6.2%	-0.7%	-8.0%

Source: WCIRB quarterly calls for experience, excluding COVID-19 Claims

Economic Variables

CY	Aggregate Employment	Unemployment Rate	Annual Log Differences		Economic Variables 1st Prin. Comp.
			Aggregate Employment	Unemployment Rate	
1994	12,612,207	8.58	0.011	-0.106	0.106
1995	12,869,757	7.84	0.020	-0.090	0.092
1996	13,227,810	7.30	0.027	-0.071	0.074
1997	13,622,128	6.38	0.029	-0.134	0.137
1998	14,085,578	5.93	0.033	-0.074	0.078
1999	14,482,489	5.23	0.028	-0.125	0.127
2000	14,995,108	4.92	0.035	-0.062	0.065
2001	15,100,992	5.46	0.007	0.105	-0.104
2002	14,974,917	6.76	-0.008	0.213	-0.212
2003	14,952,658	6.89	-0.001	0.019	-0.019
2004	15,132,383	6.22	0.012	-0.102	0.103
2005	15,422,942	5.38	0.019	-0.146	0.147
2006	15,700,767	4.90	0.018	-0.093	0.094
2007	15,845,625	5.32	0.009	0.081	-0.080
2008	15,691,050	7.30	-0.010	0.317	-0.316
2009	14,809,792	11.54	-0.058	0.457	-0.461
2010	14,664,300	12.45	-0.010	0.076	-0.077
2011	14,826,183	11.89	0.011	-0.046	0.047
2012	15,161,742	10.51	0.022	-0.124	0.125
2013	15,564,058	9.03	0.026	-0.152	0.153
2014	15,991,142	7.56	0.027	-0.177	0.179
2015	16,471,633	6.24	0.030	-0.192	0.194
2016	16,904,692	5.50	0.026	-0.125	0.127
2017	17,250,233	4.84	0.020	-0.129	0.130
2018	17,595,342	4.27	0.020	-0.126	0.127
2019	17,855,308	3.98	0.015	-0.069	0.070
2020	16,591,908	10.13	-0.073	0.934	-0.936
2021	17,159,775	7.33	0.034	-0.323	0.325
2022	18,088,283	4.30	0.053	-0.533	0.536
2023	18,241,017	4.74	0.008	0.098	-0.096
2024	18,581,909	5.12	0.019	0.077	-0.074
2025	19,010,318	4.40	0.023	-0.152	0.154
2026	19,471,959	4.22	0.024	-0.041	0.043

Notes: The first principal component is of the annual log difference data from 1962-2023.
The first principal component of the annual log difference of the economic variables is:
1st PC of Econ Variables = 0.1119265 x Aggregate Employment + -0.9937165 x Unemployment Rate

Sources: Government historical labor statistics through 2023
UCLA Anderson forecasts through 2026 are as of June 2024

Accident Year Cumulative Injury Indemnity Claim Counts by Accident Year and Report Level

Cumulative Injury Share of Total Indemnity Count

AY/RL	1	2	3	4	5	6	7	8	9	10	Developed
2007	7.2%	8.2%	8.8%	9.2%	9.4%	9.5%	9.5%	9.5%	9.5%	9.6%	9.6%
2008	7.8%	8.9%	9.6%	10.0%	10.1%	10.1%	10.2%	10.3%	10.3%	10.3%	10.3%
2009	9.1%	10.5%	11.3%	11.6%	11.7%	11.8%	11.9%	11.9%	11.9%	12.0%	12.0%
2010	10.1%	11.2%	11.6%	11.8%	11.9%	12.1%	12.2%	12.2%	12.2%	12.2%	12.3%
2011	9.7%	11.1%	11.6%	11.7%	11.9%	12.1%	12.1%	12.1%	12.2%	12.3%	12.3%
2012	10.2%	11.6%	12.0%	12.4%	12.7%	12.9%	12.9%	12.9%	12.9%	13.0%	13.0%
2013	11.6%	12.9%	13.6%	14.0%	14.2%	14.2%	14.2%	14.3%	14.3%	14.4%	14.4%
2014	12.0%	13.6%	14.2%	14.5%	14.5%	14.5%	14.6%	14.6%	14.7%		14.8%
2015	12.3%	14.0%	14.4%	14.5%	14.6%	14.7%	14.7%	14.8%			14.9%
2016	12.6%	15.1%	15.5%	15.7%	15.8%	15.9%	15.9%				16.1%
2017	12.1%	13.8%	14.3%	14.6%	14.8%	14.8%					15.1%
2018	11.8%	13.5%	13.9%	14.1%	14.2%						14.5%
2019	12.4%	14.0%	14.5%	14.7%							15.1%
2020	14.3%	16.2%	16.8%								17.6%
2021	12.1%	14.0%									15.2%
2022	14.5%										16.0%

Figures in italics are based on preliminary partial data. Cumulative injury claims include occupational disease.

Source: WCIRB unit statistical data, excluding COVID-19 Claims

Claim Count Ratios by Region Based on Unit Statistical Data at 1st Report Level

Region	Ratio of Permanent Disability Claims to Indemnity Claims for Accident Year														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	0.296	0.305	0.313	0.323	0.309	0.293	0.302	0.310	0.299	0.284	0.278	0.276	0.251	0.199	<i>0.194</i>
Los Angeles/LA Basin	0.405	0.405	0.397	0.403	0.398	0.369	0.374	0.392	0.381	0.375	0.350	0.331	0.322	0.279	<i>0.271</i>
San Diego	0.336	0.362	0.356	0.357	0.361	0.327	0.348	0.360	0.345	0.353	0.333	0.316	0.281	0.269	<i>0.226</i>
All Other	0.320	0.315	0.325	0.320	0.314	0.290	0.302	0.315	0.301	0.293	0.296	0.310	0.288	0.256	<i>0.254</i>
All Regions	0.357	0.360	0.360	0.363	0.358	0.332	0.341	0.355	0.343	0.334	0.323	0.319	0.303	0.263	<i>0.254</i>

Region	Annual Change														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	---	3.1%	2.5%	3.3%	-4.4%	-5.2%	3.0%	2.7%	-3.5%	-4.9%	-2.2%	-0.9%	-8.9%	-20.6%	<i>-2.6%</i>
Los Angeles/LA Basin	---	-0.1%	-2.1%	1.6%	-1.3%	-7.2%	1.4%	4.8%	-2.8%	-1.5%	-6.6%	-5.4%	-2.7%	-13.3%	<i>-3.1%</i>
San Diego	---	7.6%	-1.5%	0.2%	1.1%	-9.3%	6.2%	3.4%	-4.1%	2.3%	-5.7%	-5.0%	-11.1%	-4.3%	<i>-16.1%</i>
All Other	---	-1.6%	3.3%	-1.7%	-1.8%	-7.8%	4.2%	4.4%	-4.4%	-2.9%	1.1%	4.8%	-7.1%	-11.3%	<i>-0.7%</i>
All Regions	---	0.9%	0.0%	0.8%	-1.5%	-7.3%	2.7%	4.2%	-3.5%	-2.5%	-3.3%	-1.3%	-4.9%	-13.4%	<i>-3.5%</i>

Region	Ratio of Indemnity Claims to Total Claims for Accident Year														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	0.295	0.307	0.315	0.323	0.322	0.331	0.328	0.333	0.334	0.333	0.341	0.335	0.390	0.391	<i>0.380</i>
Los Angeles/LA Basin	0.316	0.341	0.352	0.359	0.372	0.389	0.393	0.391	0.391	0.371	0.369	0.366	0.405	0.395	<i>0.393</i>
San Diego	0.272	0.285	0.303	0.313	0.327	0.329	0.329	0.327	0.327	0.315	0.318	0.311	0.364	0.349	<i>0.339</i>
All Other	0.300	0.313	0.321	0.329	0.330	0.343	0.339	0.331	0.332	0.319	0.313	0.323	0.362	0.365	<i>0.376</i>
All Regions	0.304	0.323	0.333	0.340	0.348	0.361	0.361	0.358	0.358	0.344	0.345	0.348	0.391	0.385	<i>0.384</i>

Region	Annual Change														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	---	3.9%	2.7%	2.4%	-0.2%	2.8%	-0.8%	1.4%	0.3%	-0.4%	2.4%	-1.8%	16.6%	0.3%	<i>-2.9%</i>
Los Angeles/LA Basin	---	7.9%	3.3%	1.7%	3.7%	4.7%	0.9%	-0.4%	-0.2%	-5.1%	-0.5%	-0.7%	10.7%	-2.5%	<i>-0.5%</i>
San Diego	---	4.6%	6.4%	3.5%	4.3%	0.5%	0.0%	-0.6%	0.1%	-3.5%	0.8%	-2.2%	17.1%	-4.1%	<i>-3.1%</i>
All Other	---	4.2%	2.7%	2.3%	0.4%	3.9%	-1.3%	-2.3%	0.3%	-3.9%	-1.8%	3.2%	11.9%	0.9%	<i>2.9%</i>
All Regions	---	6.0%	3.3%	2.1%	2.2%	3.8%	0.0%	-0.8%	0.0%	-4.0%	0.3%	1.0%	12.3%	-1.6%	<i>-0.3%</i>

Region	Cumulative Injury Claims per 100 Indemnity Claims for Accident Year														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	7.55	8.20	8.18	8.21	7.73	9.12	8.74	8.04	8.05	8.11	7.34	8.05	7.87	6.16	<i>7.57</i>
Los Angeles/LA Basin	8.90	10.60	11.63	11.26	12.52	14.89	15.62	16.18	16.58	16.62	15.13	14.72	17.81	14.33	<i>15.36</i>
San Diego	6.96	7.30	9.20	8.51	8.77	11.76	12.44	12.22	12.17	12.08	11.79	13.01	12.12	11.00	<i>11.12</i>
All Other	4.86	5.77	6.30	5.94	6.15	7.02	7.12	6.79	6.66	6.43	7.15	6.31	6.62	7.15	<i>8.74</i>
All Regions	7.37	8.61	9.39	9.04	9.69	11.51	11.90	11.89	12.02	11.77	11.46	12.04	13.83	11.48	<i>12.73</i>

Region	Annual Change														
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bay Area	---	8.7%	-0.3%	0.4%	-5.8%	18.0%	-4.1%	-8.0%	0.1%	0.7%	-9.4%	9.6%	-2.3%	-21.6%	<i>22.8%</i>
Los Angeles/LA Basin	---	19.1%	9.6%	-3.1%	11.2%	18.9%	4.9%	3.6%	2.5%	0.2%	-9.0%	-2.7%	21.0%	-19.5%	<i>7.2%</i>
San Diego	---	4.8%	26.1%	-7.6%	3.0%	34.2%	5.8%	-1.8%	-0.4%	-0.8%	-2.4%	10.4%	-6.9%	-9.2%	<i>1.1%</i>
All Other	---	18.8%	9.2%	-5.8%	3.6%	14.1%	1.5%	-4.7%	-1.9%	-3.4%	11.1%	-11.7%	4.9%	8.0%	<i>22.1%</i>
All Regions	---	16.9%	9.1%	-3.8%	7.2%	18.8%	3.3%	0.0%	1.0%	-2.1%	-2.6%	5.0%	14.9%	-17.0%	<i>10.8%</i>

Figures in italics are based on preliminary partial data. Cumulative injury claims include occupational disease.

Source: WCIRB unit statistical data, excluding COVID-19 Claims

Average Incurred Indemnity Loss per Reported Indemnity Claim
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	<u>3</u>	<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>
1999										22,665
2000									23,599	23,754
2001								25,406	25,767	25,964
2002							23,490	23,948	24,200	24,457
2003						22,742	23,457	23,913	24,415	24,844
2004					17,488	18,222	18,928	19,442	19,944	20,252
2005				14,090	15,283	16,232	17,025	17,680	18,069	18,358
2006			13,007	15,330	16,780	17,960	18,852	19,383	19,751	19,984
2007		9,250	13,936	16,746	18,390	19,554	20,393	20,967	21,421	21,643
2008	6,489	9,898	15,120	18,524	20,485	21,695	22,548	23,071	23,434	23,669
2009	6,408	10,202	15,758	19,002	21,198	22,425	23,303	23,739	24,100	24,432
2010	6,205	10,127	15,424	18,877	20,736	21,894	22,610	23,097	23,492	23,745
2011	6,103	10,600	15,916	18,852	20,635	21,549	22,182	22,676	23,015	23,242
2012	6,202	10,654	15,680	18,560	20,032	21,127	21,778	22,223	22,528	22,791
2013	6,549	10,720	15,585	18,193	19,733	20,594	21,179	21,500	21,717	21,851
2014	6,244	10,764	15,728	18,879	20,555	21,496	21,953	22,254	22,505	22,631
2015	6,892	11,115	16,475	19,387	20,943	21,694	22,214	22,465	22,689	22,823
2016	6,701	11,191	16,349	19,035	20,461	21,196	21,678	21,992	22,205	
2017	6,838	11,457	16,717	19,433	20,734	21,453	21,955	22,243		
2018	7,162	12,113	17,382	20,148	21,445	22,205	22,691			
2019	7,350	12,556	18,221	21,095	22,784	23,650				
2020	8,248	13,312	18,888	21,936	23,757					
2021	7,982	12,903	18,771	21,998						
2022	8,503	13,395	19,455							
2023	7,862	13,437								
2024	8,648									

Accident Year	Annual Change									
	<u>3</u>	<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>
2000										4.8%
2001									9.2%	9.3%
2002								-5.7%	-6.1%	-5.8%
2003							-0.1%	-0.1%	0.9%	1.6%
2004						-19.9%	-19.3%	-18.7%	-18.3%	-18.5%
2005					-12.6%	-10.9%	-10.1%	-9.1%	-9.4%	-9.4%
2006				8.8%	9.8%	10.7%	10.7%	9.6%	9.3%	8.9%
2007			7.1%	9.2%	9.6%	8.9%	8.2%	8.2%	8.5%	8.3%
2008		7.0%	8.5%	10.6%	11.4%	10.9%	10.6%	10.0%	9.4%	9.4%
2009	-1.3%	3.1%	4.2%	2.6%	3.5%	3.4%	3.3%	2.9%	2.8%	3.2%
2010	-3.2%	-0.7%	-2.1%	-0.7%	-2.2%	-2.4%	-3.0%	-2.7%	-2.5%	-2.8%
2011	-1.6%	4.7%	3.2%	-0.1%	-0.5%	-1.6%	-1.9%	-1.8%	-2.0%	-2.1%
2012	1.6%	0.5%	-1.5%	-1.5%	-2.9%	-2.0%	-1.8%	-2.0%	-2.1%	-1.9%
2013	5.6%	0.6%	-0.6%	-2.0%	-1.5%	-2.5%	-2.7%	-3.3%	-3.6%	-4.1%
2014	-4.7%	0.4%	0.9%	3.8%	4.2%	4.4%	3.7%	3.5%	3.6%	3.6%
2015	10.4%	3.3%	4.7%	2.7%	1.9%	0.9%	1.2%	0.9%	0.8%	0.8%
2016	-2.8%	0.7%	-0.8%	-1.8%	-2.3%	-2.3%	-2.4%	-2.1%	-2.1%	
2017	2.0%	2.4%	2.3%	2.1%	1.3%	1.2%	1.3%	1.1%		
2018	4.7%	5.7%	4.0%	3.7%	3.4%	3.5%	3.4%			
2019	2.6%	3.7%	4.8%	4.7%	6.2%	6.5%				
2020	12.2%	6.0%	3.7%	4.0%	4.3%					
2021	-3.2%	-3.1%	-0.6%	0.3%						
2022	6.5%	3.8%	3.6%							
2023	-7.5%	0.3%								
2024	10.0%									

Annual Trend*										
All-Year	2.2%	2.3%	2.0%	2.0%	1.8%	1.1%	0.5%	0.0%	-0.2%	-0.2%
R ²	0.829	0.958	0.896	0.766	0.669	0.316	0.080	0.000	0.010	0.010
5-Year	0.8%	1.4%	2.6%	3.4%	4.0%	2.2%	0.5%	0.6%	0.1%	-0.4%
R ²	0.097	0.588	0.894	0.949	0.957	0.638	0.251	0.276	0.019	0.092

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Incurred Medical Loss per Reported Claim
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	<u>3</u>	<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>
2003										9,931
2004									8,114	8,367
2005								7,504	7,802	7,994
2006							7,868	8,244	8,526	8,672
2007						8,497	9,074	9,409	9,668	9,806
2008					8,971	9,735	10,254	10,601	10,804	10,900
2009				9,093	10,258	11,000	11,506	11,782	11,930	12,002
2010			8,026	9,615	10,630	11,314	11,684	11,918	12,047	12,171
2011		6,123	8,363	9,655	10,523	11,082	11,315	11,470	11,567	11,655
2012	4,774	6,258	8,170	9,256	9,902	10,361	10,592	10,725	10,868	10,919
2013	5,160	6,306	8,070	8,891	9,505	9,765	9,969	10,024	10,093	10,075
2014	4,785	6,123	7,631	8,552	9,042	9,312	9,480	9,585	9,656	9,687
2015	4,911	6,223	7,756	8,575	8,968	9,160	9,304	9,342	9,377	9,415
2016	4,908	6,358	7,759	8,379	8,671	8,908	9,041	9,104	9,137	
2017	4,966	6,257	7,540	8,182	8,507	8,677	8,835	8,930		
2018	5,243	6,554	7,831	8,549	8,900	9,128	9,350			
2019	5,362	6,567	7,954	8,732	9,178	9,530				
2020	5,743	7,336	9,123	10,083	10,810					
2021	6,457	7,092	8,788	9,931						
2022	6,021	7,163	9,154							
2023	5,825	7,526								
2024	6,989									

Accident Year	Annual Change									
	<u>3</u>	<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>
2004										-15.7%
2005									-3.8%	-4.5%
2006								9.9%	9.3%	8.5%
2007							15.3%	14.1%	13.4%	13.1%
2008						14.6%	13.0%	12.7%	11.8%	11.2%
2009					14.3%	13.0%	12.2%	11.1%	10.4%	10.1%
2010				5.7%	3.6%	2.9%	1.5%	1.2%	1.0%	1.4%
2011			4.2%	0.4%	-1.0%	-2.1%	-3.2%	-3.8%	-4.0%	-4.2%
2012		2.2%	-2.3%	-4.1%	-5.9%	-6.5%	-6.4%	-6.5%	-6.0%	-6.3%
2013	8.1%	0.8%	-1.2%	-3.9%	-4.0%	-5.7%	-5.9%	-6.5%	-7.1%	-7.7%
2014	-7.3%	-2.9%	-5.4%	-3.8%	-4.9%	-4.6%	-4.9%	-4.4%	-4.3%	-3.8%
2015	2.6%	1.6%	1.6%	0.3%	-0.8%	-1.6%	-1.9%	-2.5%	-2.9%	-2.8%
2016	-0.1%	2.2%	0.0%	-2.3%	-3.3%	-2.7%	-2.8%	-2.5%	-2.6%	
2017	1.2%	-1.6%	-2.8%	-2.4%	-1.9%	-2.6%	-2.3%	-1.9%		
2018	5.6%	4.7%	3.9%	4.5%	4.6%	5.2%	5.8%			
2019	2.3%	0.2%	1.6%	2.1%	3.1%	4.4%				
2020	7.1%	11.7%	14.7%	15.5%	17.8%					
2021	12.4%	-3.3%	-3.7%	-1.5%						
2022	-6.8%	1.0%	4.2%							
2023	-3.3%	5.1%								
2024	20.0%									

Annual Trend*										
All-Year	2.8%	1.7%	0.8%	0.0%	-0.6%	-1.0%	-0.4%	0.4%	1.2%	1.4%
R ²	0.782	0.803	0.232	0.000	0.082	0.163	0.021	0.014	0.113	0.156
5-Year	2.9%	2.5%	4.2%	5.7%	5.3%	1.0%	-0.8%	-2.8%	-4.1%	-5.3%
R ²	0.315	0.586	0.753	0.872	0.728	0.221	0.195	0.974	0.949	0.964

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Indemnity Case Outstanding per Open Indemnity Claim
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	<u>3</u>	<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>
1999										30,637
2000									25,236	26,079
2001								21,271	22,962	23,812
2002							17,454	18,639	19,407	21,178
2003						17,012	18,960	21,111	24,298	27,925
2004					14,328	16,012	18,198	20,765	23,432	24,712
2005				11,577	12,924	15,327	18,386	21,806	23,157	25,880
2006			11,210	13,108	15,234	18,380	20,989	22,482	25,386	27,010
2007		8,268	11,808	14,333	16,497	18,495	20,549	23,831	26,993	29,046
2008	5,907	8,621	12,385	15,227	16,978	18,453	21,452	24,066	26,955	30,826
2009	5,814	8,964	12,955	14,814	17,048	19,118	21,477	23,338	25,738	28,461
2010	5,618	8,957	12,554	14,742	16,444	18,255	20,150	22,355	24,996	28,445
2011	5,532	9,638	13,213	15,260	17,484	18,986	20,852	23,288	25,824	29,007
2012	5,647	9,567	12,960	14,985	16,361	18,723	20,986	24,443	28,355	32,920
2013	6,106	9,590	13,106	14,230	15,734	17,574	20,519	24,282	26,307	28,255
2014	5,683	9,672	13,133	15,220	17,558	20,475	22,457	25,505	28,816	30,962
2015	6,399	10,027	14,255	16,653	19,578	22,030	24,978	26,294	29,144	31,453
2016	6,167	10,151	14,590	17,251	20,349	22,873	25,232	27,237	29,638	
2017	6,317	10,826	16,031	19,485	22,183	24,631	27,352	29,878		
2018	6,643	11,562	16,807	19,890	22,381	25,147	27,499			
2019	6,812	12,012	16,850	19,605	23,085	25,880				
2020	7,759	12,115	16,728	19,389	22,288					
2021	7,104	11,729	17,048	20,073						
2022	7,669	11,974	16,968							
2023	7,062	11,785								
2024	7,952									

Accident Year	Annual Change									
	<u>3</u>	<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>
2000										-14.9%
2001									-9.0%	-8.7%
2002								-12.4%	-15.5%	-11.1%
2003							8.6%	13.3%	25.2%	31.9%
2004						-5.9%	-4.0%	-1.6%	-3.6%	-11.5%
2005					-9.8%	-4.3%	1.0%	5.0%	-1.2%	4.7%
2006				13.2%	17.9%	19.9%	14.2%	3.1%	9.6%	4.4%
2007			5.3%	9.3%	8.3%	0.6%	-2.1%	6.0%	6.3%	7.5%
2008		4.3%	4.9%	6.2%	2.9%	-0.2%	4.4%	1.0%	-0.1%	6.1%
2009	-1.6%	4.0%	4.6%	-2.7%	0.4%	3.6%	0.1%	-3.0%	-4.5%	-7.7%
2010	-3.4%	-0.1%	-3.1%	-0.5%	-3.5%	-4.5%	-6.2%	-4.2%	-2.9%	-0.1%
2011	-1.5%	7.6%	5.3%	3.5%	6.3%	4.0%	3.5%	4.2%	3.3%	2.0%
2012	2.1%	-0.7%	-1.9%	-1.8%	-6.4%	-1.4%	0.6%	5.0%	9.8%	13.5%
2013	8.1%	0.2%	1.1%	-5.0%	-3.8%	-6.1%	-2.2%	-0.7%	-7.2%	-14.2%
2014	-6.9%	0.9%	0.2%	7.0%	11.6%	16.5%	9.4%	5.0%	9.5%	9.6%
2015	12.6%	3.7%	8.5%	9.4%	11.5%	7.6%	11.2%	3.1%	1.1%	1.6%
2016	-3.6%	1.2%	2.4%	3.6%	3.9%	3.8%	1.0%	3.6%	1.7%	
2017	2.4%	6.7%	9.9%	13.0%	9.0%	7.7%	8.4%	9.7%		
2018	5.2%	6.8%	4.8%	2.1%	0.9%	2.1%	0.5%			
2019	2.5%	3.9%	0.3%	-1.4%	3.1%	2.9%				
2020	13.9%	0.9%	-0.7%	-1.1%	-3.5%					
2021	-8.4%	-3.2%	1.9%	3.5%						
2022	7.9%	2.1%	-0.5%							
2023	-7.9%	-1.6%								
2024	12.6%									

Annual Trend*										
All-Year	2.2%	2.5%	2.8%	3.0%	3.1%	2.8%	2.5%	2.1%	1.7%	1.4%
R ²	0.818	0.936	0.930	0.862	0.841	0.818	0.825	0.829	0.621	0.372
5-Year	0.4%	-0.5%	0.3%	0.3%	2.2%	4.3%	5.1%	4.9%	1.9%	1.0%
R ²	0.016	0.340	0.414	0.137	0.552	0.958	0.902	0.951	0.426	0.066

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Medical Case Outstanding per Open Indemnity Claim
As of March 31, 2024

Accident	Evaluated as of (in months):									
Year	3	15	27	39	51	63	75	87	99	111
1999										65,015
2000									50,799	58,667
2001								37,047	47,022	59,431
2002							28,386	35,728	44,732	54,079
2003						23,350	30,646	39,066	48,691	61,343
2004					20,106	26,368	32,300	42,482	51,307	60,252
2005				18,528	21,950	27,359	35,683	46,484	54,150	64,912
2006			16,742	21,401	25,787	32,324	39,348	47,627	59,258	67,166
2007		13,865	18,192	22,433	28,238	34,805	43,521	52,573	62,437	72,086
2008	12,451	14,497	18,683	23,597	28,792	35,826	44,783	53,883	63,439	71,852
2009	12,950	15,144	20,146	24,061	30,422	36,862	43,778	51,647	59,509	66,845
2010	12,945	15,285	19,840	24,745	29,814	36,014	41,805	47,927	53,512	63,499
2011	14,227	16,813	21,850	26,403	32,153	38,740	43,429	48,827	56,575	65,316
2012	14,629	17,155	21,149	25,068	29,157	34,633	40,630	47,464	57,515	64,423
2013	15,292	16,564	20,838	23,341	28,107	32,790	39,541	46,751	53,093	55,479
2014	13,545	16,143	19,267	22,728	27,100	32,418	38,420	43,502	49,687	53,914
2015	14,513	16,527	20,296	25,229	30,681	37,120	41,548	45,799	50,320	54,130
2016	13,975	16,978	21,256	25,948	31,123	36,224	41,005	45,137	48,630	
2017	14,032	17,807	22,551	28,407	33,359	38,268	44,530	49,596		
2018	15,698	18,865	23,116	27,121	31,215	36,795	42,686			
2019	15,723	18,572	22,450	25,599	29,913	34,167				
2020	16,997	18,530	22,283	25,815	30,706					
2021	16,655	18,876	23,256	27,423						
2022	16,244	19,007	23,190							
2023	15,392	18,970								
2024	18,323									

Accident	Annual Change									
Year	3	15	27	39	51	63	75	87	99	111
2000										-9.8%
2001									-7.4%	1.3%
2002								-3.6%	-4.9%	-9.0%
2003							8.0%	9.3%	8.9%	13.4%
2004						12.9%	5.4%	8.7%	5.4%	-1.8%
2005					9.2%	3.8%	10.5%	9.4%	5.5%	7.7%
2006				15.5%	17.5%	18.1%	10.3%	2.5%	9.4%	3.5%
2007			8.7%	4.8%	9.5%	7.7%	10.6%	10.4%	5.4%	7.3%
2008		4.6%	2.7%	5.2%	2.0%	2.9%	2.9%	2.5%	1.6%	-0.3%
2009	4.0%	4.5%	7.8%	2.0%	5.7%	2.9%	-2.2%	-4.1%	-6.2%	-7.0%
2010	0.0%	0.9%	-1.5%	2.8%	-2.0%	-2.3%	-4.5%	-7.2%	-10.1%	-5.0%
2011	9.9%	10.0%	10.1%	6.7%	7.8%	7.6%	3.9%	1.9%	5.7%	2.9%
2012	2.8%	2.0%	-3.2%	-5.1%	-9.3%	-10.6%	-6.4%	-2.8%	1.7%	-1.4%
2013	4.5%	-3.4%	-1.5%	-6.9%	-3.6%	-5.3%	-2.7%	-1.5%	-7.7%	-13.9%
2014	-11.4%	-2.5%	-7.5%	-2.6%	-3.6%	-1.1%	-2.8%	-7.0%	-6.4%	-2.8%
2015	7.2%	2.4%	5.3%	11.0%	13.2%	14.5%	8.1%	5.3%	1.3%	0.4%
2016	-3.7%	2.7%	4.7%	2.8%	1.4%	-2.4%	-1.3%	-1.4%	-3.4%	
2017	0.4%	4.9%	6.1%	9.5%	7.2%	5.6%	8.6%	9.9%		
2018	11.9%	5.9%	2.5%	-4.5%	-6.4%	-3.8%	-4.1%			
2019	0.2%	-1.6%	-2.9%	-5.6%	-4.2%	-7.1%				
2020	8.1%	-0.2%	-0.7%	0.8%	2.7%					
2021	-2.0%	1.9%	4.4%	6.2%						
2022	-2.5%	0.7%	-0.3%							
2023	-5.2%	-0.2%								
2024	19.0%									

Annual Trend*										
All-Year	1.8%	1.9%	1.6%	1.6%	1.9%	1.9%	1.9%	1.2%	0.4%	-0.3%
R ²	0.750	0.880	0.755	0.606	0.501	0.451	0.462	0.260	0.035	0.020
5-Year	0.7%	0.7%	0.4%	-1.2%	-1.4%	-1.5%	2.8%	1.6%	-3.8%	-5.4%
R ²	0.031	0.802	0.108	0.191	0.284	0.322	0.662	0.256	0.836	0.830

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Paid Indemnity Loss per Reported Indemnity Claim
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	3	15	27	39	51	63	75	87	99	111
1999										20,982
2000									21,663	22,138
2001								22,963	23,664	24,193
2002							20,954	21,860	22,484	22,908
2003						19,450	20,735	21,565	22,219	22,804
2004					13,913	15,332	16,371	17,123	17,850	18,465
2005				10,223	12,261	13,512	14,496	15,305	16,046	16,662
2006			7,801	11,021	13,119	14,683	15,920	16,902	17,647	18,202
2007		3,882	8,401	11,900	14,324	16,092	17,420	18,462	19,224	19,817
2008	915	4,248	9,100	13,115	16,039	18,088	19,534	20,553	21,322	21,824
2009	927	4,218	9,224	13,483	16,546	18,696	20,219	21,297	22,104	22,759
2010	903	4,186	9,171	13,503	16,581	18,605	20,026	21,049	21,809	22,331
2011	970	4,243	9,399	13,548	16,424	18,359	19,711	20,719	21,487	21,974
2012	962	4,346	9,434	13,567	16,299	18,210	19,539	20,432	21,047	21,483
2013	965	4,339	9,406	13,609	16,414	18,162	19,280	19,975	20,511	20,864
2014	934	4,365	9,635	14,188	17,115	18,910	20,059	20,706	21,236	21,573
2015	972	4,497	10,094	14,673	17,552	19,252	20,205	20,974	21,457	21,806
2016	976	4,672	10,210	14,618	17,272	18,724	19,746	20,504	20,987	
2017	975	4,750	10,436	14,775	17,211	18,815	19,888	20,593		
2018	1,066	5,029	10,796	15,012	17,673	19,376	20,522			
2019	1,113	5,202	11,142	15,636	18,662	20,520				
2020	1,175	5,696	11,725	16,487	19,633					
2021	1,305	5,821	11,879	16,566						
2022	1,394	6,191	12,590							
2023	1,466	6,271								
2024	1,471									

Accident Year	Annual Change									
	3	15	27	39	51	63	75	87	99	111
2000										5.5%
2001									9.2%	9.3%
2002								-4.8%	-5.0%	-5.3%
2003							-1.0%	-1.3%	-1.2%	-0.5%
2004						-21.2%	-21.0%	-20.6%	-19.7%	-19.0%
2005					-11.9%	-11.9%	-11.5%	-10.6%	-10.1%	-9.8%
2006				7.8%	7.0%	8.7%	9.8%	10.4%	10.0%	9.2%
2007			7.7%	8.0%	9.2%	9.6%	9.4%	9.2%	8.9%	8.9%
2008		9.4%	8.3%	10.2%	12.0%	12.4%	12.1%	11.3%	10.9%	10.1%
2009	1.3%	-0.7%	1.4%	2.8%	3.2%	3.4%	3.5%	3.6%	3.7%	4.3%
2010	-2.5%	-0.8%	-0.6%	0.2%	0.2%	-0.5%	-1.0%	-1.2%	-1.3%	-1.9%
2011	7.3%	1.4%	2.5%	0.3%	-0.9%	-1.3%	-1.6%	-1.6%	-1.5%	-1.6%
2012	-0.8%	2.4%	0.4%	0.1%	-0.8%	-0.8%	-0.9%	-1.4%	-2.0%	-2.2%
2013	0.4%	-0.2%	-0.3%	0.3%	0.7%	-0.3%	-1.3%	-2.2%	-2.5%	-2.9%
2014	-3.2%	0.6%	2.4%	4.3%	4.3%	4.1%	4.0%	3.7%	3.5%	3.4%
2015	4.0%	3.0%	4.8%	3.4%	2.6%	1.8%	0.7%	1.3%	1.0%	1.1%
2016	0.4%	3.9%	1.1%	-0.4%	-1.6%	-2.7%	-2.3%	-2.2%		
2017	-0.1%	1.7%	2.2%	1.1%	-0.3%	0.5%	0.7%	0.4%		
2018	9.3%	5.9%	3.5%	1.6%	2.7%	3.0%	3.2%			
2019	4.4%	3.4%	3.2%	4.2%	5.6%	5.9%				
2020	5.6%	9.5%	5.2%	5.4%	5.2%					
2021	11.1%	2.2%	1.3%	0.5%						
2022	6.8%	6.4%	6.0%							
2023	5.2%	1.3%								
2024	0.3%									

Annual Trend*										
All-Year	3.1%	2.8%	2.5%	2.4%	2.2%	1.5%	0.9%	0.3%	0.1%	0.0%
R ²	0.826	0.904	0.945	0.882	0.804	0.441	0.172	0.025	0.003	0.000
5-Year	5.8%	4.7%	3.8%	3.3%	3.4%	1.6%	0.3%	0.5%	0.4%	-0.1%
R ²	0.902	0.930	0.974	0.948	0.886	0.491	0.101	0.203	0.138	0.008

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Paid Medical Loss per Indemnity Claim
As of March 31, 2024

Accident	Evaluated as of (in months):									
Year	3	15	27	39	51	63	75	87	99	111
2006										23,693
2007									25,608	26,592
2008								26,819	28,104	29,056
2009							26,567	28,224	29,442	30,366
2010						24,241	26,347	27,975	29,121	29,927
2011					19,928	22,596	24,577	26,009	27,025	27,758
2012				15,501	18,806	21,250	22,903	24,107	24,985	25,547
2013			10,478	14,684	17,823	19,852	21,261	22,178	22,774	23,260
2014		5,232	10,161	14,373	17,322	19,230	20,584	21,399	22,079	22,558
2015	1,012	5,161	10,292	14,321	17,171	18,908	19,991	20,860	21,481	21,993
2016	913	5,465	10,369	14,152	16,707	18,222	19,339	20,265	20,798	
2017	1,181	5,641	10,626	14,319	16,587	18,245	19,487	20,361		
2018	1,122	5,842	10,993	14,775	17,401	19,215	20,563			
2019	1,232	5,769	10,710	14,869	17,853	19,909				
2020	1,229	5,740	11,272	15,793	19,000					
2021	1,022	5,700	11,208	15,724						
2022	934	5,725	11,631							
2023	1,083	5,883								
2024	1,247									

Accident	Annual Change									
Year	3	15	27	39	51	63	75	87	99	111
2007										12.2%
2008									9.7%	9.3%
2009								5.2%	4.8%	4.5%
2010							-0.8%	-0.9%	-1.1%	-1.4%
2011						-6.8%	-6.7%	-7.0%	-7.2%	-7.2%
2012**					-5.6%	-6.0%	-6.8%	-7.3%	-7.5%	-8.0%
2013**				-5.3%	-5.2%	-6.6%	-7.2%	-8.0%	-8.9%	-9.0%
2014			-3.0%	-2.1%	-2.8%	-3.1%	-3.2%	-3.5%	-3.1%	-3.0%
2015		-1.4%	1.3%	-0.4%	-0.9%	-1.7%	-2.9%	-2.5%	-2.7%	-2.5%
2016	-9.8%	5.9%	0.7%	-1.2%	-2.7%	-3.6%	-3.3%	-2.9%	-3.2%	
2017	29.4%	3.2%	2.5%	1.2%	-0.7%	0.1%	0.8%	0.5%		
2018	-5.0%	3.6%	3.5%	3.2%	4.9%	5.3%	5.5%			
2019	9.8%	-1.2%	-2.6%	0.6%	2.6%	3.6%				
2020	-0.2%	-0.5%	5.3%	6.2%	6.4%					
2021	-16.9%	-0.7%	-0.6%	-0.4%						
2022	-8.6%	0.4%	3.8%							
2023	15.9%	2.7%								
2024	15.2%									

Annual Trend*										
All-Year	1.0%	1.2%	1.3%	0.6%	-0.6%	-2.4%	-3.6%	-4.1%	-3.6%	-2.1%
R ²	0.067	0.679	0.830	0.168	0.110	0.597	0.838	0.906	0.723	0.289
5-Year	0.9%	0.4%	1.6%	2.6%	3.4%	1.6%	-0.3%	-2.2%	-4.2%	-5.7%
R ²	0.013	0.221	0.668	0.897	0.896	0.439	0.022	0.907	0.920	0.932

*Trend is based on an exponential distribution.

**Entries for accident years 2010 and 2011 only reflect the paid cost of medical cost containment programs attributable to policies with effective dates prior to July 1, 2010. Entries for accident years 2012 and subsequent exclude the paid cost of medical cost containment programs.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Paid Medical Loss per Claim**
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	3	15	27	39	51	63	75	87	99	111
2003										8,352
2004									6,663	6,988
2005								6,025	6,420	6,752
2006							6,278	6,725	7,108	7,391
2007						6,570	7,210	7,774	8,165	8,466
2008					6,661	7,587	8,323	8,870	9,277	9,578
2009				6,151	7,525	8,630	9,432	9,997	10,405	10,705
2010			4,654	6,505	8,023	9,065	9,822	10,393	10,797	11,075
2011		2,402	4,574	6,391	7,756	8,748	9,469	9,998	10,366	10,632
2012	464	2,422	4,525	6,231	7,480	8,394	9,011	9,456	9,773	9,986
2013	485	2,422	4,452	6,088	7,289	8,068	8,600	8,929	9,183	9,351
2014	520	2,388	4,352	5,960	7,075	7,794	8,282	8,606	8,847	9,007
2015	546	2,379	4,415	5,937	7,004	7,642	8,068	8,383	8,594	8,772
2016	523	2,513	4,471	5,918	6,868	7,457	7,877	8,194	8,399	
2017	628	2,517	4,424	5,772	6,619	7,217	7,640	7,957		
2018	610	2,620	4,618	6,034	7,009	7,646	8,143			
2019	662	2,617	4,560	6,142	7,239	8,024				
2020	666	2,846	5,279	7,151	8,502					
2021	631	2,786	5,111	6,989						
2022	576	2,801	5,391							
2023	667	2,969								
2024	757									

Accident Year	Annual Change									
	3	15	27	39	51	63	75	87	99	111
2004										-16.3%
2005									-3.6%	-3.4%
2006								11.6%	10.7%	9.5%
2007							14.8%	15.6%	14.9%	14.5%
2008						15.5%	15.4%	14.1%	13.6%	13.1%
2009					13.0%	13.7%	13.3%	12.7%	12.2%	11.8%
2010				5.8%	6.6%	5.0%	4.1%	4.0%	3.8%	3.5%
2011			-1.7%	-1.8%	-3.3%	-3.5%	-3.6%	-3.8%	-4.0%	-4.0%
2012		0.9%	-1.1%	-2.5%	-3.6%	-4.1%	-4.8%	-5.4%	-5.7%	-6.1%
2013	4.6%	0.0%	-1.6%	-2.3%	-2.6%	-3.9%	-4.6%	-5.6%	-6.0%	-6.4%
2014	7.3%	-1.4%	-2.2%	-2.1%	-2.9%	-3.4%	-3.7%	-3.6%	-3.7%	-3.7%
2015	5.0%	-0.3%	1.5%	-0.4%	-1.0%	-1.9%	-2.6%	-2.6%	-2.9%	-2.6%
2016	-4.3%	5.6%	1.3%	-0.3%	-1.9%	-2.4%	-2.4%	-2.4%	-2.3%	
2017	20.1%	0.2%	-1.1%	-2.5%	-3.6%	-3.2%	-3.0%	-2.9%		
2018	-3.0%	4.1%	4.4%	4.5%	5.9%	5.9%	6.6%			
2019	8.6%	-0.1%	-1.3%	1.8%	3.3%	5.0%				
2020	0.7%	8.8%	15.8%	16.4%	17.4%					
2021	-5.4%	-2.1%	-3.2%	-2.3%						
2022	-8.7%	0.5%	5.5%							
2023	15.8%	6.0%								
2024	13.6%									

Annual Trend*										
All-Year	3.3%	1.8%	1.2%	0.5%	0.0%	-0.2%	0.4%	1.4%	2.3%	2.4%
R ²	0.773	0.871	0.454	0.085	0.000	0.010	0.016	0.121	0.282	0.337
5-Year	3.2%	2.4%	4.3%	5.7%	5.3%	1.2%	-0.9%	-2.8%	-3.6%	-4.8%
R ²	0.243	0.674	0.753	0.851	0.708	0.248	0.198	0.993	0.959	0.968

*Trend is based on an exponential distribution.

**All entries reflect the paid cost of medical cost containment programs.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Paid Indemnity Loss per Closed Indemnity Claim**
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	3	15	27	39	51	63	75	87	99	111
1999										18,663
2000									18,833	19,568
2001								19,107	20,119	20,884
2002							17,170	18,486	19,422	19,939
2003						15,609	17,201	18,267	18,903	19,602
2004					10,440	12,259	13,515	14,248	15,004	15,781
2005				6,427	9,002	10,573	11,659	12,519	13,402	14,444
2006			3,939	7,044	9,594	11,364	12,682	13,926	15,118	15,980
2007		1,632	4,336	7,593	10,217	12,175	13,874	15,401	16,514	17,481
2008	534	1,944	4,722	8,342	11,338	13,767	15,980	17,397	18,640	19,532
2009	574	1,964	4,899	8,668	11,949	14,808	16,810	18,504	19,685	20,622
2010	584	1,942	4,997	8,909	12,526	15,163	17,207	18,732	19,853	20,637
2011	566	2,169	5,387	9,486	12,898	15,538	17,323	18,692	19,808	20,528
2012	601	2,262	5,941	10,057	13,294	15,622	17,368	18,639	19,575	20,201
2013	575	2,620	6,324	10,493	13,657	15,869	17,407	18,439	19,180	19,724
2014	664	2,692	6,719	11,150	14,523	16,776	18,247	19,223	19,947	20,504
2015	721	3,012	7,372	11,905	15,229	17,291	18,529	19,467	20,192	20,727
2016	705	3,256	7,716	12,030	15,107	16,838	18,119	19,056		
2017	725	3,352	7,807	12,029	14,893	16,826	18,169	19,104		
2018	794	3,574	8,217	12,272	15,223	17,320	18,745			
2019	854	3,823	8,159	12,472	16,079	18,333				
2020	863	4,161	8,783	13,592	17,254					
2021	1,482	3,842	8,370	12,991						
2022	1,406	4,318	9,089							
2023	1,768	5,112								
2024	1,494									

Accident Year	Annual Change									
	3	15	27	39	51	63	75	87	99	111
2000										4.8%
2001									6.8%	6.7%
2002								-3.3%	-3.5%	-4.5%
2003							0.2%	-1.2%	-2.7%	-1.7%
2004						-21.5%	-21.4%	-22.0%	-20.6%	-19.5%
2005					-13.8%	-13.8%	-13.7%	-12.1%	-10.7%	-8.5%
2006				9.6%	6.6%	7.5%	8.8%	11.2%	12.8%	10.6%
2007			10.1%	7.8%	6.5%	7.1%	9.4%	10.6%	9.2%	9.4%
2008		19.2%	8.9%	9.9%	11.0%	13.1%	15.2%	13.0%	12.9%	11.7%
2009	7.5%	1.0%	3.7%	3.9%	5.4%	7.6%	5.2%	6.4%	5.6%	5.6%
2010	1.6%	-1.1%	2.0%	2.8%	4.8%	2.4%	2.4%	1.2%	0.9%	0.1%
2011	-3.1%	11.7%	7.8%	6.5%	3.0%	2.5%	0.7%	-0.2%	-0.2%	-0.5%
2012	6.3%	4.3%	10.3%	6.0%	3.1%	0.5%	0.3%	-0.3%	-1.2%	-1.6%
2013	-4.3%	15.8%	6.4%	4.3%	2.7%	1.6%	0.2%	-1.1%	-2.0%	-2.4%
2014	15.3%	2.7%	6.2%	6.3%	6.3%	5.7%	4.8%	4.3%	4.0%	4.0%
2015	8.7%	11.9%	9.7%	6.8%	4.9%	3.1%	1.5%	1.3%	1.2%	1.1%
2016	-2.3%	8.1%	4.7%	1.0%	-0.8%	-2.6%	-2.2%	-2.1%	-2.1%	
2017	2.9%	2.9%	1.2%	0.0%	-1.4%	-0.1%	0.3%	0.3%		
2018	9.5%	6.6%	5.3%	2.0%	2.2%	2.9%	3.2%			
2019	7.6%	7.0%	-0.7%	1.6%	5.6%	5.8%				
2020	1.1%	8.8%	7.7%	9.0%	7.3%					
2021	71.7%	-7.7%	-4.7%	-4.4%						
2022	-5.1%	12.4%	8.6%							
2023	25.8%	18.4%								
2024	-15.5%									

Annual Trend*										
All-Year	7.4%	6.8%	5.4%	4.5%	3.7%	2.6%	1.9%	1.2%	0.9%	0.7%
R ²	0.842	0.978	0.962	0.949	0.928	0.661	0.417	0.210	0.129	0.096
5-Year	13.6%	6.4%	2.3%	2.6%	3.5%	1.5%	0.3%	0.6%	0.7%	0.3%
R ²	0.555	0.681	0.600	0.689	0.798	0.434	0.139	0.239	0.324	0.078

*Trend is based on an exponential distribution.

**Paid indemnity losses used in the severity calculations above represent paid indemnity losses on closed claims only.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Average Paid Medical Loss per Closed Indemnity Claim***
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	3	15	27	39	51	63	75	87	99	111
2006										19,174
2007									20,420	22,115
2008								21,277	23,290	24,762
2009							20,776	23,262	25,070	26,525
2010						18,725	21,546	23,913	25,572	26,828
2011					14,680	18,077	20,776	22,818	24,381	25,401
2012				10,985	14,616	17,567	19,775	21,414	22,677	23,520
2013			6,697	10,919	14,305	16,977	18,841	20,112	20,965	21,702
2014		2,991	6,853	10,973	14,396	16,847	18,491	19,518	20,318	21,054
2015	855	3,235	7,274	11,355	14,593	16,602	17,954	18,975	19,819	20,384
2016	700	3,467	7,517	11,343	14,093	15,872	17,180	18,206	18,944	
2017	973	3,583	7,734	11,430	13,958	15,845	17,211	18,394		
2018	990	3,690	8,015	11,927	14,595	16,610	18,229			
2019	866	3,950	7,509	11,712	14,945	17,201				
2020	972	3,662	7,988	12,615	15,966					
2021	1,539	3,516	7,671	11,914						
2022	1,272	3,612	8,094							
2023	1,731	4,210								
2024	1,439									

Accident Year	Annual Change									
	3	15	27	39	51	63	75	87	99	111
2007										15.3%
2008									14.1%	12.0%
2009								9.3%	7.6%	7.1%
2010							3.7%	2.8%	2.0%	1.1%
2011						-3.5%	-3.6%	-4.6%	-4.7%	-5.3%
2012					-0.4%	-2.8%	-4.8%	-6.2%	-7.0%	-7.4%
2013				-0.6%	-2.1%	-3.4%	-4.7%	-6.1%	-7.5%	-7.7%
2014**			2.3%	0.5%	0.6%	-0.8%	-1.9%	-3.0%	-3.1%	-3.0%
2015**		8.2%	6.1%	3.5%	1.4%	-1.5%	-2.9%	-2.8%	-2.5%	-3.2%
2016	-18.1%	7.2%	3.3%	-0.1%	-3.4%	-4.4%	-4.3%	-4.1%	-4.4%	
2017	39.0%	3.4%	2.9%	0.8%	-1.0%	-0.2%	0.2%	1.0%		
2018	1.8%	3.0%	3.6%	4.3%	4.6%	4.8%	5.9%			
2019	-12.5%	7.0%	-6.3%	-1.8%	2.4%	3.6%				
2020	12.2%	-7.3%	6.4%	7.7%	6.8%					
2021	58.3%	-4.0%	-4.0%	-5.6%						
2022	-17.4%		5.5%							
2023	36.1%	16.6%								
2024	-16.8%									

Annual Trend*										
All-Year	8.7%	2.5%	1.8%	1.4%	0.5%	-1.3%	-2.4%	-2.8%	-2.1%	-0.5%
R ²	0.743	0.611	0.725	0.794	0.190	0.525	0.825	0.764	0.369	0.019
5-Year	9.4%	1.1%	0.4%	1.4%	3.2%	1.2%	-0.7%	-2.5%	-4.1%	-5.4%
R ²	0.420	0.059	0.040	0.366	0.870	0.280	0.112	0.903	0.954	0.952

*Trend is based on an exponential distribution.

**Entries for accident years 2010 and 2011 only reflect the paid cost of medical cost containment programs attributable to policies with effective dates prior to July 1, 2010. Entries for accident years 2012 and subsequent exclude the paid cost of medical cost containment programs.

***Paid medical losses used in the severity calculations above represent paid medical losses on closed indemnity claims only.

Source: WCIRB quarterly calls for experience, excluding COVID-19 claims.

Ratio of Incremental Paid Indemnity to Indemnity Claims Open During the Period
As of March 31, 2024

Accident Year	Evaluated as of (in months):									
	0-3	3-15	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111
1999										6,731
2000									7,264	6,183
2001								6,673	6,025	5,669
2002							6,626	6,210	5,466	4,769
2003						7,147	6,519	5,648	5,727	6,282
2004					6,250	5,692	5,722	5,296	6,393	6,843
2005				6,243	6,127	5,386	5,564	5,941	6,805	7,034
2006			6,404	6,999	6,463	6,559	6,981	7,082	6,789	6,804
2007		3,780	7,036	7,571	7,286	7,281	7,214	7,231	7,306	7,507
2008	914	4,139	7,543	8,424	8,422	7,976	7,564	7,391	7,634	6,636
2009	926	4,119	7,684	8,661	8,404	8,074	8,004	7,778	7,878	8,354
2010	903	4,095	7,712	8,897	8,655	8,238	8,174	8,147	8,297	7,778
2011	969	4,153	8,026	8,671	8,521	8,339	8,193	8,605	9,207	8,333
2012	962	4,261	7,980	8,828	8,491	8,572	8,694	8,486	8,497	8,336
2013	965	4,265	7,853	9,183	8,884	8,447	8,191	7,773	8,618	7,826
2014	934	4,280	8,210	9,988	9,670	9,338	9,224	7,721	8,742	7,878
2015	971	4,418	8,691	10,376	10,288	9,972	8,781	9,586	8,578	8,359
2016	976	4,588	8,836	10,659	10,501	9,427	9,542	9,924	8,958	
2017	975	4,667	9,335	11,234	10,366	10,203	10,108	9,495		
2018	1,066	4,944	9,594	10,923	10,431	10,193	10,344			
2019	1,113	5,116	9,877	10,917	11,022	10,734				
2020	1,175	5,596	9,865	11,332	11,459					
2021	1,305	5,697	10,279	11,857						
2022	1,394	6,071	10,933							
2023	1,466	6,157								
2024	1,471									

Accident Year	Annual Change									
	0-3	3-15	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111
2000										-8.1%
2001									-17.1%	-8.3%
2002								-6.9%	-9.3%	-15.9%
2003							-1.6%	-9.0%	4.8%	31.7%
2004						-20.4%	-12.2%	-6.2%	11.6%	8.9%
2005					-2.0%	-5.4%	-2.8%	12.2%	6.5%	2.8%
2006				12.1%	5.5%	21.8%	25.5%	19.2%	-0.2%	-3.3%
2007			9.9%	8.2%	12.7%	11.0%	3.3%	2.1%	7.6%	10.3%
2008		9.5%	7.2%	11.3%	15.6%	9.5%	4.8%	2.2%	4.5%	-11.6%
2009	1.3%	-0.5%	1.9%	2.8%	-0.2%	1.2%	5.8%	5.2%	3.2%	25.9%
2010	-2.5%	-0.6%	0.4%	2.7%	3.0%	2.0%	2.1%	4.8%	5.3%	-6.9%
2011	7.3%	1.4%	4.1%	-2.5%	-1.5%	1.2%	0.2%	5.6%	11.0%	7.1%
2012	-0.8%	2.6%	-0.6%	1.8%	-0.4%	2.8%	6.1%	-1.4%	-7.7%	0.0%
2013	0.4%	0.1%	-1.6%	4.0%	4.6%	-1.5%	-5.8%	-8.4%	1.4%	-6.1%
2014	-3.2%	0.3%	4.6%	8.8%	8.9%	10.6%	12.6%	-0.7%	1.4%	0.7%
2015	4.0%	3.2%	5.9%	3.9%	6.4%	6.8%	-4.8%	24.2%	-1.9%	6.1%
2016	0.4%	3.8%	1.7%	2.7%	2.1%	-5.5%	8.7%	3.5%	4.4%	
2017	-0.1%	1.7%	5.6%	5.4%	-1.3%	8.2%	5.9%	-4.3%		
2018	9.3%	5.9%	2.8%	-2.8%	0.6%	-0.1%	2.3%			
2019	4.4%	3.5%	3.0%	-0.1%	5.7%	5.3%				
2020	5.6%	9.4%	-0.1%	3.8%	4.0%					
2021	11.1%	1.8%	4.2%	4.6%						
2022	6.8%	6.6%	6.4%							
2023	5.2%	1.4%								
2024	0.3%									

Annual Trend*										
All-Year	3.1%	2.9%	2.8%	3.5%	3.8%	3.7%	3.4%	3.3%	2.9%	2.5%
R ²	0.826	0.913	0.958	0.919	0.923	0.845	0.867	0.782	0.759	0.628
5-Year	5.8%	4.6%	3.1%	1.5%	2.4%	2.3%	3.8%	6.7%	1.0%	-0.5%
R ²	0.902	0.932	0.882	0.456	0.744	0.577	0.769	0.708	0.603	0.057

*Trend is based on an exponential distribution.

Source: WCIRB quarterly calls for experience

Ratio of Incremental Paid Medical to Indemnity Claims Open During the Period**
As of March 31, 2024

Accident	Evaluated as of (in months):									
Year	0-3	3-15	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111
2006										11,888
2007									12,609	12,346
2008								12,640	12,595	12,404
2009							12,421	11,869	11,847	11,796
2010						11,875	12,034	12,900	12,503	12,004
2011					10,968	11,423	11,950	12,189	12,178	12,495
2012				9,715	10,240	10,925	10,783	11,412	12,094	10,746
2013			8,039	9,250	9,931	9,783	10,286	10,172	9,572	10,738
2014		5,153	7,848	9,289	9,745	9,908	10,840	9,714	11,188	11,081
2015	1,012	5,083	8,105	9,174	10,182	10,176	9,931	10,830	10,986	12,194
2016	913	5,396	8,003	9,217	10,113	9,807	10,414	12,108	9,863	
2017	1,181	5,540	8,368	9,634	9,665	10,530	11,675	11,689		
2018	1,122	5,758	8,747	9,848	10,295	10,846	12,104			
2019	1,232	5,674	8,391	10,119	10,862	11,789				
2020	1,229	5,632	9,119	10,763	11,649					
2021	1,022	5,612	9,401	11,413						
2022	934	5,659	10,092							
2023	1,083	5,814								
2024	1,247									

Accident	Annual Change									
Year	0-3	3-15	15-27	27-39	39-51	51-63	63-75	75-87	87-99	99-111
2007										3.9%
2008									-0.1%	0.5%
2009								-6.1%	-5.9%	-4.9%
2010							-3.1%	8.7%	5.5%	1.8%
2011						-3.8%	-0.7%	-5.5%	-2.6%	4.1%
2012					-6.6%	-4.4%	-9.8%	-6.4%	-0.7%	-14.0%
2013				-4.8%	-3.0%	-10.4%	-4.6%	-10.9%	-20.9%	-0.1%
2014**			-2.4%	0.4%	-1.9%	1.3%	5.4%	-4.5%	16.9%	3.2%
2015**		-1.4%	3.3%	-1.2%	4.5%	2.7%	-8.4%	11.5%	-1.8%	10.0%
2016	-9.8%	6.2%	-1.3%	0.5%	-0.7%	-3.6%	4.9%	11.8%	-10.2%	
2017	29.4%	2.7%	4.5%	4.5%	-4.4%	7.4%	12.1%	-3.5%		
2018	-5.0%	3.9%	4.5%	2.2%	6.5%	3.0%	3.7%			
2019	9.8%	-1.5%	-4.1%	2.7%	5.5%	8.7%				
2020	-0.2%	-0.7%	8.7%	6.4%	7.2%					
2021	-16.9%	-0.4%	3.1%	6.0%						
2022	-8.6%	0.8%	7.4%							
2023	15.9%	2.7%								
2024	15.2%									

Annual Trend*										
All-Year	1.0%	1.3%	2.5%	2.0%	0.7%	-0.3%	-0.8%	-1.3%	-2.5%	-0.9%
R ²	0.067	0.698	0.841	0.649	0.120	0.021	0.093	0.198	0.608	0.219
5-Year	0.9%	0.5%	4.1%	4.4%	4.1%	4.0%	3.9%	5.1%	-2.7%	-0.2%
R ²	0.013	0.371	0.805	0.953	0.775	0.797	0.556	0.731	0.198	0.002

*Trend is based on an exponential distribution.

**Entries for accident years 2010 and 2011 only reflect the paid cost of medical cost containment programs attributable to policies with effective dates prior to July 1, 2010. Entries for accident years 2012 and subsequent exclude the paid cost of medical cost containment programs.

Source: WCIRB quarterly calls for experience

Ratio of Quarterly Paid Medical to Indemnity Claims Inventory*
Through June 30, 2024

Development	Evaluation Years											
	Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
3/0		1,511	1,675	1,582	1,938	1,951	2,056	2,035	1,692	1,592	1,868	2,007
6/3		2,572	2,885	2,869	3,088	3,196	2,993	2,925	3,160	2,886	2,903	3,329
9/6		2,768	2,765	2,920	3,019	3,305	2,990	2,672	2,929	2,978	3,008	
12/9		2,672	2,638	2,875	3,064	3,126	3,203	3,056	2,952	3,008	3,136	
12/0		5,294	5,382	5,662	5,984	6,173	5,977	5,815	5,761	5,720	5,950	
15/12		2,752	2,811	2,817	3,090	3,145	3,200	3,129	3,051	3,101	3,186	3,325
18/15		2,535	2,542	2,705	2,781	2,874	2,875	2,694	2,964	3,091	3,314	3,328
21/18		2,537	2,525	2,555	2,544	2,705	2,812	2,641	2,913	3,076	3,264	
24/21		2,473	2,449	2,567	2,638	2,656	2,986	2,713	2,942	3,007	3,271	
24/12		8,335	8,302	8,473	8,654	8,824	9,212	8,847	9,370	9,495	10,085	
27/24		2,620	2,526	2,548	2,669	2,614	2,849	2,875	2,791	2,907	3,043	3,334
30/27		2,777	2,762	2,814	2,816	2,876	2,887	2,702	2,978	3,204	3,343	3,589
33/30		2,933	2,742	2,763	2,723	2,919	2,983	3,025	3,011	3,234	3,521	
36/33		2,883	2,851	2,874	2,861	2,854	3,083	3,062	3,194	3,253	3,472	
36/24		9,635	9,277	9,299	9,211	9,227	9,650	9,743	10,099	10,658	11,307	
39/36		2,973	3,011	2,796	2,849	2,927	2,892	3,074	2,994	3,118	3,391	3,383
42/39		3,255	3,108	2,896	3,080	3,274	3,012	2,712	3,081	3,192	3,586	3,758
45/42		3,477	3,117	3,011	2,817	3,055	3,093	3,052	3,237	3,507	3,467	
48/45		3,226	3,027	3,236	2,965	3,174	3,299	2,999	3,416	3,271	3,448	
48/36		11,148	10,535	10,060	9,842	10,261	10,022	9,937	10,762	11,019	11,856	

Development	Year-to-Year Change											
	Period	13-to-14	14-to-15	15-to-16	16-to-17	17-to-18	18-to-19	19-to-20	20-to-21	21-to-22	22-to-23	23-to-24
3/0		7.7%	10.9%	-5.5%	22.5%	0.7%	5.4%	-1.0%	-16.9%	-5.9%	17.3%	7.4%
6/3		-4.4%	12.2%	-0.5%	7.7%	3.5%	-6.3%	-2.3%	8.1%	-8.7%	0.6%	14.7%
9/6		-5.6%	-0.1%	5.6%	3.4%	9.5%	-9.5%	-10.6%	9.6%	1.7%	1.0%	
12/9		-1.0%	-1.3%	9.0%	6.6%	2.0%	2.5%	-4.6%	-3.4%	1.9%	4.2%	
12/0		-2.2%	1.7%	5.2%	5.7%	3.2%	-3.2%	-2.7%	-0.9%	-0.7%	4.0%	
15/12		-6.5%	2.1%	0.2%	9.7%	1.8%	1.7%	-2.2%	-2.5%	1.6%	2.7%	4.4%
18/15		-10.8%	0.3%	6.4%	2.8%	3.4%	0.0%	-6.3%	10.0%	4.3%	7.2%	0.4%
21/18		-3.4%	-0.5%	1.2%	-0.4%	6.3%	4.0%	-6.1%	10.3%	5.6%	6.1%	
24/21		-6.9%	-1.0%	4.8%	2.8%	0.7%	12.4%	-9.1%	8.4%	2.2%	8.7%	
24/12		-6.7%	-0.4%	2.1%	2.1%	2.0%	4.4%	-4.0%	5.9%	1.3%	6.2%	
27/24		-5.6%	-3.6%	0.9%	4.8%	-2.1%	9.0%	0.9%	-2.9%	4.2%	4.7%	9.6%
30/27		-5.0%	-0.5%	1.9%	0.1%	2.1%	0.4%	-6.4%	10.2%	7.6%	4.3%	7.3%
33/30		-1.2%	-6.5%	0.8%	-1.4%	7.2%	2.2%	1.4%	-0.5%	7.4%	8.9%	
36/33		-6.8%	-1.1%	0.8%	-0.5%	-0.2%	8.0%	-0.7%	4.3%	1.9%	6.7%	
36/24		-5.5%	-3.7%	0.2%	-1.0%	0.2%	4.6%	1.0%	3.7%	5.5%	6.1%	
39/36		-7.6%	1.3%	-7.1%	1.9%	2.7%	-1.2%	6.3%	-2.6%	4.1%	8.8%	-0.3%
42/39		-6.7%	-4.5%	-6.8%	6.3%	6.3%	-8.0%	-10.0%	13.6%	3.6%	12.3%	4.8%
45/42		2.7%	-10.4%	-3.4%	-6.4%	8.5%	1.2%	-1.3%	6.1%	8.4%	-1.1%	
48/45		-9.9%	-6.2%	6.9%	-8.4%	7.0%	3.9%	-9.1%	13.9%	-4.2%	5.4%	
48/36		-6.1%	-5.5%	-4.5%	-2.2%	4.3%	-2.3%	-0.9%	8.3%	2.4%	7.6%	

*Indemnity claim inventory is the sum of indemnity claims open at the beginning of the development period and newly-reported indemnity claims during that period.

Source: WCIRB accident year experience calls, excluding COVID-19 claims.

Average and Median Indemnity Claim Severities at USR 1st Report Level

Policy Year	Average Incurred Indemnity Severity	Annual Change	Median Incurred Indemnity Severity	Annual Change
1999	11,132	---	2,953	---
2000	12,408	11.5%	3,640	23.3%
2001	13,468	8.5%	4,320	18.7%
2002	13,985	3.8%	4,930	14.1%
2003	13,905	-0.6%	5,000	1.4%
2004	11,397	-18.0%	4,100	-18.0%
2005	9,945	-12.7%	3,400	-17.1%
2006	10,643	7.0%	3,520	3.5%
2007	11,291	6.1%	3,966	12.7%
2008	11,947	5.8%	4,402	11.0%
2009	12,136	1.6%	4,717	7.2%
2010	11,976	-1.3%	4,791	1.6%
2011	12,514	4.5%	5,000	4.4%
2012	12,304	-1.7%	5,000	0.0%
2013	12,577	2.2%	5,250	5.0%
2014	13,008	3.4%	5,274	0.5%
2015	13,314	2.4%	5,330	1.1%
2016	13,527	1.6%	5,417	1.6%
2017	14,115	4.3%	5,310	-2.0%
2018	14,582	3.3%	5,600	5.5%
2019	14,997	2.8%	5,619	0.3%
2020	14,490	-3.4%	4,840	-13.9%
2021	14,850	2.5%	5,111	5.6%

Policy Year	Average Incurred Medical Severity	Annual Change	Median Incurred Medical Severity	Annual Change
1999	10,243	---	4,809	---
2000	11,934	16.5%	5,600	16.4%
2001	13,853	16.1%	6,989	24.8%
2002	15,151	9.4%	7,797	11.6%
2003	14,501	-4.3%	7,575	-2.8%
2004	13,129	-9.5%	6,750	-10.9%
2005	13,457	2.5%	6,331	-6.2%
2006	14,791	9.9%	6,924	9.4%
2007	16,095	8.8%	7,942	14.7%
2008	17,273	7.3%	9,000	13.3%
2009	17,828	3.2%	9,723	8.0%
2010	17,676	-0.9%	9,409	-3.2%
2011	17,894	1.2%	9,388	-0.2%
2012	17,640	-1.4%	9,500	1.2%
2013	17,046	-3.4%	9,477	-0.2%
2014	17,032	-0.1%	9,241	-2.5%
2015	16,749	-1.7%	9,347	1.1%
2016	17,462	4.3%	9,157	-2.0%
2017	18,015	3.2%	8,997	-1.7%
2018	17,445	-3.2%	9,079	0.9%
2019	17,531	0.5%	9,097	0.2%
2020	17,105	-2.4%	8,275	-9.0%
2021	16,567	-3.1%	8,500	2.7%

Source: WCIRB Unit Statistical Data
*COVID-19 claims have been excluded

Self-Insured Employers - Claim Severity

Private Self-Insured Employers				
CY	Medical Paid	Indemnity Cases Open During Year	Paid Medical on Open Ind Claims	Annual Change
2001	655,349,356	128,723	5,091	---
2002	789,748,542	129,147	6,115	20.1%
2003	930,788,004	130,323	7,142	16.8%
2004	802,856,921	132,488	6,060	-15.2%
2005	688,918,290	124,757	5,522	-8.9%
2006	800,826,010	115,054	6,960	26.0%
2007	676,050,168	105,671	6,398	-8.1%
2008	733,149,220	102,990	7,119	11.3%
2009	761,740,423	98,642	7,722	8.5%
2010	760,504,505	97,135	7,829	1.4%
2011	758,672,255	95,946	7,907	1.0%
2012	752,732,652	94,591	7,958	0.6%
2013	814,214,051	95,263	8,547	7.4%
2014	918,409,257	93,850	9,786	14.5%
2015	786,278,830	90,382	8,700	-11.1%
2016	787,771,330	85,563	9,207	5.8%
2017	765,002,435	81,842	9,347	1.5%
2018	750,749,175	78,826	9,524	1.9%
2019	725,360,934	76,675	9,460	-0.7%
2020	636,310,387	80,258	7,928	-16.2%
2021	709,698,983	80,726	8,791	10.9%
2022	732,184,837	83,499	8,769	-0.3%
2023	787,836,356	86,325	9,126	4.1%

Public Self-Insured Employers				
FY	Medical Paid	Indemnity Cases Open During Year	Paid Medical on Open Ind Claims	Annual Change
2000/2001	603,567,334	148,040	4,077	---
2001/2002	736,531,748	153,231	4,807	17.9%
2002/2003	872,925,555	166,835	5,232	8.9%
2003/2004	932,492,476	176,127	5,294	1.2%
2004/2005	777,579,644	171,938	4,522	-14.6%
2005/2006	768,887,952	163,511	4,702	4.0%
2006/2007	779,028,256	159,524	4,883	3.9%
2007/2008	887,316,859	173,348	5,119	4.8%
2008/2009	949,449,769	170,751	5,560	8.6%
2009/2010	978,954,150	171,444	5,710	2.7%
2010/2011	1,043,538,851	173,585	6,012	5.3%
2011/2012	1,073,241,078	177,309	6,053	0.7%
2012/2013	1,045,517,623	179,375	5,829	-3.7%
2013/2014	1,086,439,359	178,788	6,077	4.3%
2014/2015	1,102,863,683	181,993	6,060	-0.3%
2015/2016	1,097,857,099	180,467	6,083	0.4%
2016/2017	1,046,637,539	178,746	5,855	-3.7%
2017/2018	1,119,293,067	180,404	6,204	6.0%
2018/2019	1,144,059,798	180,892	6,325	1.9%
2019/2020	1,087,617,896	177,510	6,127	-3.1%
2020/2021	1,096,654,734	178,696	6,137	0.2%
2021/2022	1,154,710,130	189,035	6,108	-0.5%
2022/2023	1,216,082,371	189,644	6,412	5.0%

Sources: California Department of Industrial Relations for self-insured

Self-Insured Employers - Claim Severity

All Self-Insured Employers					Insured System at 1st Report		
CY	Medical Paid	Indemnity	Paid Medical	Annual Change	AY	Paid Medical	Annual Change
		Cases Open During Year	on Open Ind Claims			Severity on Ind Claims	
2001	1,325,398,897	279,359	4,744	---	2001	6,203	---
2002	1,594,477,194	289,180	5,514	16.2%	2002	7,255	17.0%
2003	1,833,497,020	301,804	6,075	10.2%	2003	7,203	-0.7%
2004	1,657,892,981	306,521	5,409	-11.0%	2004	5,970	-17.1%
2005	1,462,152,088	292,482	4,999	-7.6%	2005	5,906	-1.1%
2006	1,574,784,114	276,572	5,694	13.9%	2006	6,270	6.2%
2007	1,509,222,726	272,107	5,546	-2.6%	2007	6,922	10.4%
2008	1,651,532,534	275,040	6,005	8.3%	2008	7,605	9.9%
2009	1,725,942,383	269,740	6,399	6.6%	2009	7,925	4.2%
2010	1,771,751,006	269,650	6,571	2.7%	2010	7,946	0.3%
2011	1,817,062,220	271,393	6,695	1.9%	2011	7,462	-6.1%
2012	1,812,112,003	272,933	6,639	-0.8%	2012	7,238	-3.0%
2013	1,880,192,542	274,345	6,853	3.2%	2013	7,085	-2.1%
2014	2,013,060,778	274,241	7,340	7.1%	2014	6,995	-1.3%
2015	1,886,639,221	271,612	6,946	-5.4%	2015	7,036	0.6%
2016	1,860,018,649	265,170	7,014	1.0%	2016	7,293	3.6%
2017	1,847,967,738	261,417	7,069	0.8%	2017	7,549	3.5%
2018	1,882,425,608	259,474	7,255	2.6%	2018	7,795	3.3%
2019	1,841,199,781	255,876	7,196	-0.8%	2019	7,540	-3.3%
2020	1,728,446,702	258,361	6,690	-7.0%	2020	7,701	2.1%
2021	1,835,381,415	264,592	6,937	3.7%	2021	7,786	1.1%
2022	1,917,581,088	272,839	7,028	1.3%	2022	6,790	0.8%
					Including COVID-19 claims:		
					2019	7,540	---
					2020	7,152	-5.1%
					2021	7,501	4.9%
					2022	6,399	-1.7%

Notes: Fiscal Year Public data prorated to CYs 50%/50%.
Insured System AY 2022 change is based on a comparison of 2022 accidents on 2021 policies to 2021 accidents on 2020 policies.

Sources: California Department of Industrial Relations for self-insured

Summary of Paid LAE Ratios by Insurer Type

Paid ALAE to Paid Loss Ratios

<u>CY</u>	<u>State Fund</u>	<u>CA Private Insurers</u>	<u>National</u>	<u>Statewide</u>	<u>Private Insurers</u>
2013	5.9%	15.4%	20.0%	17.0%	19.5%
2014	8.4%	17.8%	21.3%	19.0%	20.8%
2015	10.1%	18.0%	22.6%	20.5%	22.0%
2016	11.0%	17.9%	22.4%	20.4%	21.6%
2017	10.8%	19.8%	22.7%	20.9%	22.3%
2018	11.4%	19.5%	22.9%	21.1%	22.4%
2019	12.9%	18.0%	22.8%	21.0%	22.2%
2020	11.5%	17.8%	23.4%	21.0%	22.5%
2021	11.7%	17.3%	22.7%	20.4%	21.7%
2022	13.5%	16.3%	21.9%	20.1%	21.0%
2023	13.1%	16.2%	22.1%	20.3%	21.1%

Excluding COVID-19

2020	11.5%	17.9%	23.5%	21.0%	22.6%
2021	11.7%	17.2%	22.7%	20.4%	21.8%
2022	13.5%	16.3%	21.9%	20.1%	21.0%
2023	13.1%	16.2%	22.1%	20.3%	21.1%

Paid ULAE to Paid Loss Ratios

<u>CY</u>		<u>State Fund</u>	<u>CA Private Insurers</u>	<u>National</u>	<u>Statewide</u>	<u>Private Insurers</u>
2013	^[1]	21.8%	16.3%	8.5%	11.7%	9.4%
2014	^[1]	28.8%	14.7%	7.7%	11.6%	8.6%
2015	^[2]	35.1%	14.8%	10.2%	13.9%	10.9%
2016	^[2]	37.6%	14.2%	12.8%	15.9%	13.0%
2017	^[2]	25.6%	16.1%	14.1%	15.8%	14.4%
2018	^[2]	24.8%	14.9%	14.8%	16.1%	14.8%
2019	^[2]	21.3%	14.4%	13.0%	14.2%	13.2%
2020	^[2]	17.6%	15.3%	15.7%	15.9%	15.7%
2021	^[2]	17.6%	14.1%	14.7%	15.0%	14.6%
2022	^[2]	18.5%	14.6%	13.8%	14.4%	13.9%
2023	^[2]	23.1%	13.8%	14.7%	15.4%	14.5%

Paid LAE to Paid Loss Ratios

<u>CY</u>		<u>State Fund</u>	<u>CA Private Insurers</u>	<u>National</u>	<u>Statewide</u>	<u>Private Insurers</u>
2013	^[1]	27.7%	31.7%	28.5%	28.6%	28.9%
2014	^[1]	37.2%	32.5%	29.0%	30.6%	29.4%
2015	^[2]	45.2%	32.8%	32.8%	34.4%	32.8%
2016	^[2]	48.6%	32.1%	35.2%	36.3%	34.7%
2017	^[2]	36.4%	36.0%	36.9%	36.7%	36.7%
2018	^[2]	36.2%	34.4%	37.7%	37.1%	37.2%
2019	^[2]	34.2%	32.4%	35.7%	35.2%	35.4%
2020	^[2]	29.1%	33.2%	39.1%	36.9%	38.2%
2021	^[2]	29.4%	31.3%	37.3%	35.4%	36.3%
2022	^[2]	32.0%	30.9%	35.7%	34.5%	34.9%
2023	^[2]	36.2%	30.0%	36.8%	35.7%	35.6%

Notes:

- ^[1] 2013 and 2014 ratios included information submitted by several large national insurers to more appropriately reflect ULAE costs related to deductible policies and third party administrators.
- ^[2] Reflects adjustments based on the Expense Call for ULAE costs related to deductible policies and third-party administrators. 2015 adjusted ratio is based on apportioning adjusted countrywide paid ULAE to California using paid losses. 2016 to 2023 adjusted ratios are based on apportioning adjusted countrywide paid ULAE to California using open indemnity claim counts.

Source: WCIRB expense calls and quarterly calls for experience.

Calendar Year ULAE Incurred Per Open Indemnity Claim - Private Insurers

<u>Calendar Year</u>	<u>ULAE Incurred (in Millions)</u>	<u>Number of Open Indemnity Claims at Beginning of the Year</u>	<u>Number of Indemnity Claims Reported During Year</u>	<u>ULAE Incurred Per Open Indemnity Claim</u>	<u>Annual Change</u>
	(a)	(b)	(c)	(d)	(e)
2003	571	236,111	116,486	2,419	
2004	604	273,685	109,070	2,207	-8.7%
2005	500	281,950	96,045	1,774	-19.6%
2006	538	269,394	106,090	1,995	12.5%
2007	466	244,721	99,082	1,905	-4.5%
2008	464	261,804	101,059	1,772	-7.0%
2009	504	257,103	97,045	1,959	10.5%
2010	508	257,439	107,734	1,974	0.8%
2011	549	267,152	116,356	2,055	4.1%
2012	567	279,015	122,080	2,032	-1.1%
2013	747	294,011	131,749	2,541	25.0%
2014	726	307,227	133,061	2,363	-7.0%
2015	885	311,158	140,302	2,843	20.3%
2016	695	314,808	139,941	2,208	-22.3%
2017	725	311,196	145,909	2,330	5.5%
2018	690	304,634	146,120	2,264	-2.8%
2019	778	294,351	149,143	2,642	16.7%
2020	532	289,298	148,364	1,840	-30.4%
2021	588	293,628	146,910	2,003	8.9%
2022	892	294,544	156,830	3,027	51.1%
2023	733	298,505	160,717	2,456	-18.9%

Notes:

- (a) Calendar year ULAE incurred is based on WCIRB expense calls. All figures in each calendar year contain information from the same combination of private insurers that submitted both the ULAE and claim count data for that calendar year. Therefore, each calendar year may contain a different mix of private insurers.
- (b), (c) Based on WCIRB accident year experience calls. Column (c) is for information only.
- (d) (a)/(b) x 1,000,000.

Source: WCIRB expense calls and quarterly calls for experience. COVID-19 claims are included given that ULAE on COVID-19 claims cannot be separated from other ULAE.

Calendar Year ULAE Paid per Open Indemnity Claim - Private Insurers

Calendar Year	ULAE Paid ^[1] (in Millions)	Number of Open Indemnity Claims at Beginning of the Year ^[2]	Number of Indemnity Claims Reported During Year ^[3]	ULAE Paid per Open Indemnity Claim ^[4]	Annual Change
	(1)	(2)	(3)	(4)	(5)
2013 ^[5]	644	294,011	131,749	2,192	---
2014 ^[5]	598	307,227	133,061	1,947	-11.2%
2015 ^[6]	774	311,158	140,302	2,486	---
2016 ^[6]	948	314,808	139,941	3,010	---
2017 ^[6]	1,045	311,196	145,909	3,359	11.6%
2018 ^[6]	1,076	304,634	146,120	3,531	5.1%
2019 ^[6]	964	294,351	149,143	3,219	-8.8%
2020 ^[6]	1,054	289,298	148,364	3,643	13.2%
2021 ^[6]	1,022	293,628	146,910	3,480	-4.5%
2022 ^[6]	1,024	294,544	156,830	3,478	-0.1%
2023 ^[6]	1,164	298,505	160,717	3,898	12.1%

Notes:

^[1] Calendar year ULAE paid is based on WCIRB expense calls. All figures in each calendar year contain information from the same combination of private insurers that submitted both the ULAE and claim count data for that calendar year. Therefore, each calendar year may contain a different mix of private insurers.

^{[2],[3]} Based on WCIRB accident year experience calls. Column (3) is for information only.

^[4] Column (1) / Column (2) x 1,000,000.

^[5] 2013 and 2014 paid ULAE included information submitted by several large national insurers to more appropriately reflect ULAE costs related to deductible policies and third party administrators.

^[6] Reflects adjustments for ULAE costs related to deductible policies and third-party administrators based on the Expense Call. 2015 paid ULAE is based on apportioning adjusted countrywide paid ULAE to California using paid losses. 2016 to 2023 paid ULAE are based on apportioning adjusted countrywide paid ULAE to California using open indemnity claim counts.

Source: WCIRB expense calls and quarterly calls for experience. COVID-19 claims are included given that ULAE on COVID-19 claims cannot be separated from other ULAE.

Average Paid ALAE per Reported Indemnity Claim - Private Insurers

As of March 31, 2024

Accident	Evaluated as of (in months):									
Year	<u>3</u>	<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>
2003							6,043	6,383	6,647	6,857
2004						5,212	5,673	6,022	6,283	6,483
2005					4,191	4,833	5,307	5,673	5,965	6,175
2006				3,410	4,328	5,022	5,550	5,920	6,211	6,471
2007			2,340	3,613	4,619	5,393	5,993	6,429	6,768	7,039
2008		944	2,494	3,933	5,103	5,975	6,595	7,096	7,468	7,729
2009	150	1,037	2,812	4,448	5,718	6,637	7,358	7,900	8,278	8,558
2010	87	1,111	2,981	4,586	5,816	6,746	7,484	7,978	8,320	8,567
2011	86	1,127	2,942	4,520	5,796	6,818	7,470	7,920	8,246	8,485
2012	85	1,120	3,012	4,721	6,067	6,965	7,567	7,967	8,300	8,488
2013	98	1,202	3,276	4,985	6,201	7,005	7,532	7,929	8,146	8,301
2014	140	1,340	3,480	5,147	6,287	7,008	7,538	7,845	8,050	8,189
2015	102	1,424	3,577	5,187	6,238	6,952	7,361	7,644	7,833	7,990
2016	108	1,443	3,643	5,220	6,271	6,872	7,285	7,575	7,780	
2017	121	1,525	3,740	5,272	6,192	6,789	7,197	7,500		
2018	142	1,630	3,891	5,408	6,422	7,086	7,557			
2019	149	1,660	3,846	5,455	6,529	7,214				
2020	150	1,644	3,965	5,626	6,737					
2021	124	1,539	3,791	5,396						
2022	139	1,675	4,114							
2023	154	1,834								
2024	205									

	Annual Change									
Year	<u>3</u>	<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>
2004							-6.1%	-5.6%	-5.5%	-5.5%
2005						-7.3%	-6.5%	-5.8%	-5.0%	-4.8%
2006					3.3%	3.9%	4.6%	4.4%	4.1%	4.8%
2007				5.9%	6.7%	7.4%	8.0%	8.6%	9.0%	8.8%
2008			6.6%	8.9%	10.5%	10.8%	10.0%	10.4%	10.3%	9.8%
2009		9.8%	12.8%	13.1%	12.0%	11.1%	11.6%	11.3%	10.8%	10.7%
2010	-41.7%	7.1%	6.0%	3.1%	1.7%	1.6%	1.7%	1.0%	0.5%	0.1%
2011	-1.4%	1.4%	-1.3%	-1.4%	-0.3%	1.1%	-0.2%	-0.7%	-0.9%	-1.0%
2012	-1.2%	-0.5%	2.4%	4.4%	4.7%	2.1%	1.3%	0.6%	0.6%	0.0%
2013	15.4%	7.3%	8.8%	5.6%	2.2%	0.6%	-0.5%	-0.5%	-1.8%	-2.2%
2014	42.0%	11.5%	6.2%	3.3%	1.4%	0.0%	0.1%	-1.1%	-1.2%	-1.4%
2015	-26.9%	6.3%	2.8%	0.8%	-0.8%	-0.8%	-2.3%	-2.6%	-2.7%	-2.4%
2016	6.2%	1.3%	1.8%	0.6%	0.5%	-1.2%	-1.0%	-0.9%	-0.7%	
2017	11.8%	5.7%	2.7%	1.0%	-1.3%	-1.2%	-1.2%	-1.0%		
2018	17.4%	6.9%	4.0%	2.6%	3.7%	4.4%	5.0%			
2019	4.9%	1.8%	-1.1%	0.9%	1.7%	1.8%				
2020	0.4%	-0.9%	3.1%	3.1%	3.2%					
2021	-17.1%	-6.4%	-4.4%	-4.1%						
2022	12.5%	8.8%	8.5%							
2023	10.8%	9.5%								
2024	32.8%									

Source: WCIRB accident year experience calls excluding COVID-19 claims.

Distribution of Total ALAE & MCCP Components - Private Insurers

<u>Calendar Year</u>	<u>MCCP</u>	<u>Defense Expense</u>	<u>Other Paid ALAE</u>	<u>Paid ALAE</u>
2005	27.7%	49.8%	22.5%	100.0%
2006	29.7%	40.2%	30.1%	100.0%
2007	30.8%	44.7%	24.5%	100.0%
2008	38.4%	38.9%	22.7%	100.0%
2009	31.6%	43.0%	25.4%	100.0%
2010	31.6%	43.0%	25.5%	100.0%
2011	30.0%	44.4%	25.6%	100.0%
2012	30.0%	44.9%	25.2%	100.0%
2013	29.8%	45.9%	24.3%	100.0%
2014	29.3%	45.0%	25.8%	100.0%
2015	29.1%	42.0%	28.9%	100.0%
2016	27.3%	43.2%	29.5%	100.0%
2017	25.5%	45.9%	28.6%	100.0%
2018	26.0%	42.8%	31.2%	100.0%
2019	23.4%	46.6%	30.0%	100.0%
2020	24.5%	45.4%	30.2%	100.0%
2021	24.6%	44.0%	31.4%	100.0%
2022	24.3%	46.2%	29.5%	100.0%
2023	23.7%	47.0%	29.2%	100.0%

Source: WCIRB expense calls, aggregate indemnity and medical cost calls and quarterly calls for experience

Applicant Attorney Expense Paid - Private Insurers

<u>Calendar Year</u>	<u>Applicant Attorney Amounts paid (in \$millions)</u>	<u>Incurred Losses (in \$millions)</u>	<u>Applicant Attorney Expenses Paid as a Percent of Incurred Losses</u>
2003	192	10,423	1.8%
2004	249	9,073	2.7%
2005	228	7,559	3.0%
2006	209	5,540	3.8%
2007	196	5,444	3.6%
2008	177	5,711	3.1%
2009	221	5,700	3.9%
2010	253	6,260	4.0%
2011	280	7,500	3.7%
2012	340	8,531	4.0%
2013	353	9,500	3.7%
2014	329	9,607	3.4%
2015	326	9,383	3.5%
2016	354	9,617	3.7%
2017	350	8,967	3.9%
2018	319	6,508	4.9%
2019	377	7,358	5.1%
2020	335	6,422	5.2%
2021	326	6,830	4.8%
2022	342	8,291	4.1%
2023	383	8,659	4.4%

Source: WCIRB expense calls and quarterly calls for experience

Change in Number of Medical-Legal Reports by Service Year and Quarter

First Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
Bay Area	-6.7%	-2.4%	-3.6%	-3.9%	-5.8%	-3.8%	0.1%	---	4.8%	10.6%
Los Angeles	1.7%	6.5%	-3.6%	-5.8%	-0.3%	-0.7%	5.4%	---	10.2%	6.7%
Other	1.3%	12.9%	-4.0%	4.0%	-5.0%	-5.8%	6.6%	---	15.4%	7.4%
All Regions	0.1%	6.9%	-3.7%	-2.4%	-2.7%	-2.8%	5.0%	---	11.2%	7.4%

Second Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	0.0%	-5.5%	-0.4%	-2.4%	-6.0%	-23.6%	---	1.2%	10.0%
Los Angeles	2.7%	2.7%	-2.4%	-5.3%	6.2%	-20.9%	---	9.4%	13.6%
Other	3.3%	14.5%	-3.0%	0.4%	-4.5%	-25.6%	---	7.0%	10.9%
All Regions	2.4%	4.9%	-2.3%	-3.0%	0.7%	-22.8%	---	7.4%	12.2%

Third Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	0.6%	-3.1%	-1.8%	-5.5%	-8.6%	1.9%	---	6.2%	8.1%
Los Angeles	4.5%	4.3%	-4.3%	-0.7%	6.6%	-6.2%	---	5.5%	13.3%
Other	1.4%	17.2%	-6.1%	1.7%	-1.7%	-10.3%	---	9.4%	8.9%
All Regions	2.8%	7.1%	-4.5%	-0.7%	1.5%	-6.4%	---	6.9%	11.1%

Fourth Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	0.0%	18.1%	-4.8%	-1.4%	-4.5%	-2.7%	---	21.5%	14.2%
Los Angeles	1.1%	32.7%	-3.7%	4.0%	9.2%	-8.9%	---	14.2%	16.4%
Other	-8.2%	39.9%	-6.9%	2.6%	1.9%	-12.1%	---	26.6%	17.4%
All Regions	-2.1%	32.2%	-4.9%	2.6%	4.7%	-9.0%	---	18.8%	16.5%

First Three Quarters of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-2.2%	-3.7%	-1.9%	-3.9%	-6.8%	-8.9%	---	---	7.6%
Los Angeles	2.9%	4.5%	-3.4%	-4.1%	4.1%	-9.5%	---	---	12.3%
Other	2.0%	14.8%	-4.4%	2.0%	-3.7%	-14.0%	---	---	11.7%
All Regions	1.7%	6.3%	-3.5%	-2.1%	-0.2%	-10.9%	---	---	11.5%

Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-2.0%	-1.0%	-2.4%	-3.5%	-6.4%	-8.0%	---	---	9.2%
Los Angeles	2.7%	7.5%	-3.5%	-3.0%	4.8%	-9.4%	---	---	13.3%
Other	0.7%	17.6%	-4.7%	2.1%	-3.0%	-13.7%	---	---	13.1%
All Regions	1.3%	9.2%	-3.7%	-1.4%	0.5%	-10.6%	---	---	12.7%

Note: The number of ML reports for 2021 through 2023 represents the total ML transactions excluding record review transactions (MLPRR). Given that the sub rosa recording review procedure codes were established by the 2021 ML Fee Schedule (FS), the total ML transactions after first quarter of service year 2021 are not comparable to those of the pre-2021 MLFS period.

Source: WCIRB medical data call (MDC).

Change in Payment on Medical-Legal Reports by Service Year and Quarter

First Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-7.3%	-4.8%	-4.1%	-5.4%	-1.2%	-6.1%	16.6%	20.4%	7.9%	19.0%
Los Angeles	-2.5%	14.6%	-12.2%	-12.4%	-0.3%	-2.0%	14.6%	13.6%	10.9%	16.5%
Other	-3.2%	15.0%	-19.0%	1.2%	-7.5%	2.4%	14.8%	45.4%	15.1%	14.7%
All Regions	-3.4%	12.0%	-13.0%	-8.1%	-2.4%	-1.4%	14.9%	23.1%	11.9%	16.2%

Second Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-4.2%	-2.3%	-4.7%	-0.8%	-6.8%	-23.3%	70.3%	-0.4%	12.0%	
Los Angeles	-0.4%	9.8%	-13.6%	-10.4%	4.3%	-21.1%	51.9%	6.1%	13.3%	
Other	7.1%	12.4%	-22.1%	-1.9%	2.2%	-26.4%	120.7%	1.3%	15.9%	
All Regions	1.0%	8.9%	-14.9%	-7.0%	2.2%	-22.8%	72.0%	3.7%	14.0%	

Third Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-2.1%	1.6%	-9.0%	-1.1%	-2.3%	9.6%	20.4%	5.9%	8.2%	
Los Angeles	4.1%	2.4%	-13.3%	-0.4%	4.0%	-0.6%	19.2%	7.6%	20.6%	
Other	4.1%	10.1%	-17.0%	-3.6%	6.8%	1.5%	48.5%	10.5%	10.6%	
All Regions	3.2%	4.4%	-13.8%	-1.4%	3.9%	1.3%	27.5%	8.3%	15.7%	

Fourth Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	6.1%	18.8%	-15.0%	9.1%	0.3%	-3.2%	29.4%	19.1%	17.4%	
Los Angeles	6.6%	29.3%	-14.3%	2.7%	11.4%	-5.7%	21.5%	18.7%	22.4%	
Other	-2.9%	27.7%	-16.7%	8.9%	8.0%	-7.0%	48.4%	25.5%	23.2%	
All Regions	3.8%	27.3%	-15.1%	5.2%	8.9%	-5.7%	29.8%	20.8%	22.1%	

First Three Quarters of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-4.7%	-2.0%	-5.9%	-2.5%	-3.5%	-6.9%	33.0%	8.1%	9.4%	
Los Angeles	0.2%	9.1%	-13.0%	-8.2%	2.6%	-8.1%	27.2%	9.0%	14.9%	
Other	2.6%	12.5%	-19.4%	-1.4%	0.3%	-7.7%	56.3%	16.1%	13.8%	
All Regions	0.1%	8.5%	-13.9%	-5.7%	1.2%	-7.9%	35.8%	11.1%	13.8%	

Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-3.6%	0.4%	-7.1%	-1.0%	-3.0%	-6.4%	32.5%	9.6%	11.3%	
Los Angeles	0.8%	11.2%	-13.2%	-6.9%	3.8%	-7.8%	26.4%	10.4%	16.7%	
Other	2.0%	14.1%	-19.1%	-0.2%	1.4%	-7.6%	55.1%	17.3%	16.0%	
All Regions	0.5%	10.5%	-14.1%	-4.4%	2.2%	-7.6%	34.9%	12.4%	15.8%	

Note: The number of ML reports for 2021 through 2023 represents the total ML transactions excluding record review transactions (MLPRR). Given that the sub rosa recording review procedure codes were established by the 2021 ML Fee Schedule (FS), the total ML transactions after first quarter of service year 2021 are not comparable to those of the pre-2021 MLFS period.

Source: WCIRB medical data call (MDC).

Change in Medical-Legal Payment per Report by Service Year and Quarter

First Quarter of Service Year										
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	22-23
Bay Area	-0.7%	-2.5%	-0.5%	-1.5%	4.8%	-2.4%	16.4%	---	3.0%	7.6%
Los Angeles	-4.1%	7.6%	-8.9%	-7.0%	0.0%	-1.3%	8.7%	---	0.7%	9.2%
Other	-4.4%	1.9%	-15.5%	-2.8%	-2.6%	8.7%	7.8%	---	-0.3%	6.7%
All Regions	-3.5%	4.8%	-9.7%	-5.8%	0.4%	1.5%	9.4%	---	0.6%	8.2%

Second Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-4.2%	3.4%	-4.4%	1.7%	-0.8%	0.3%	---	-1.6%	1.8%
Los Angeles	-3.0%	6.9%	-11.4%	-5.4%	-1.8%	-0.3%	---	-3.0%	-0.3%
Other	3.7%	-1.8%	-19.6%	-2.3%	7.0%	-1.0%	---	-5.3%	4.5%
All Regions	-1.4%	3.8%	-12.8%	-4.1%	1.5%	0.0%	---	-3.5%	1.5%

Third Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-2.7%	4.8%	-7.3%	4.6%	6.9%	7.5%	---	-0.3%	0.1%
Los Angeles	-0.3%	-1.8%	-9.4%	0.3%	-2.5%	5.9%	---	1.9%	6.5%
Other	2.6%	-6.1%	-11.6%	-5.2%	8.6%	13.2%	---	1.0%	1.6%
All Regions	0.4%	-2.5%	-9.7%	-0.7%	2.4%	8.2%	---	1.3%	4.2%

Fourth Quarter of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	6.1%	0.6%	-10.7%	10.6%	5.1%	-0.5%	---	-2.0%	2.8%
Los Angeles	5.4%	-2.5%	-11.1%	-1.2%	2.0%	3.5%	---	4.0%	5.2%
Other	5.8%	-8.7%	-10.6%	6.1%	6.0%	5.7%	---	-0.9%	5.0%
All Regions	6.1%	-3.7%	-10.7%	2.5%	4.0%	3.6%	---	1.7%	4.8%

First Three Quarters of Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-2.5%	1.8%	-4.0%	1.5%	3.5%	2.2%	---	---	1.6%
Los Angeles	-2.6%	4.4%	-9.9%	-4.3%	-1.4%	1.5%	---	---	2.3%
Other	0.5%	-2.0%	-15.7%	-3.4%	4.2%	7.3%	---	---	1.9%
All Regions	-1.6%	2.1%	-10.8%	-3.7%	1.4%	3.4%	---	---	2.1%

Service Year									
Region	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Bay Area	-1.7%	1.5%	-4.9%	2.6%	3.7%	1.7%	---	---	1.9%
Los Angeles	-1.8%	3.4%	-10.0%	-4.0%	-1.0%	1.8%	---	---	3.0%
Other	1.2%	-3.0%	-15.1%	-2.2%	4.5%	7.0%	---	---	2.6%
All Regions	-0.8%	1.2%	-10.7%	-3.0%	1.7%	3.4%	---	---	2.7%

Note: The number of ML reports for 2021 through 2023 represents the total ML transactions. Given that the sub rosa recording review procedure codes were established by the 2021 ML Fee Schedule (FS), the total ML transactions after first quarter of service year 2021 are not comparable to those of the pre-2021 MLFS period.

Source: WCIRB medical data call (MDC).

Average Paid M CCP per Reported Indemnity Claim - Statewide

As of March 31, 2024

Accident Year	Evaluated as of (in months):							
	<u>3</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
2015	178	777	1,308	1,599	1,783	1,842	1,902	1,956
2016	156	766	1,239	1,504	1,614	1,701	1,771	1,823
2017	169	748	1,219	1,450	1,596	1,692	1,764	1,811
2018	175	801	1,226	1,473	1,631	1,744	1,816	
2019	191	734	1,202	1,472	1,646	1,752		
2020	179	717	1,170	1,436	1,601			
2021	167	680	1,132	1,413				
2022	142	648	1,094					
2023	153	684						
2024	185							

Accident Year	Annual Change							
	<u>3</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
2016	-12.0%	-1.5%	-5.3%	-6.0%	-9.5%	-7.6%	-6.9%	-6.8%
2017	8.3%	-2.3%	-1.6%	-3.6%	-1.1%	-0.5%	-0.4%	-0.6%
2018	3.1%	7.0%	0.5%	1.6%	2.2%	3.1%	3.0%	
2019	9.2%	-8.3%	-1.9%	-0.1%	0.9%	0.5%		
2020	-6.4%	-2.3%	-2.7%	-2.4%	-2.8%			
2021	-6.5%	-5.2%	-3.2%	-1.6%				
2022	-15.0%	-4.7%	-3.3%					
2023	7.8%	5.6%						
2024	21.1%							

Source: WCIRB accident year experience calls, excluding COVID-19 claims for accident years 2020-2024.

Item AC24-09-02

6/30/2024 Experience Review

Staff has prepared an analysis of statewide insurer experience through June 30, 2024, which is included in Exhibits 1 through 8. This information reflects insurers writing approximately 99% of the market based on 2023 premium levels. The methodologies used are consistent with those reflected in the September 1, 2024 Pure Premium Rate Filing. Wage and loss levels are projected to September 1, 2025—the approximate midpoint of experience on policies incepting between September 1, 2024 and August 31, 2025, and premiums were adjusted to the approved advisory pure premium rate level as of September 1, 2023 as in the September 1, 2024 Pure Premium Rate Filing. The accident year 2020 through 2022 information shown in Exhibits 1 through 8 have been adjusted to remove COVID-19 claims.

As shown on Exhibit 8, the projected loss to pure premium ratio for policies incepting between September 1, 2024 and August 31, 2025 based on June 30, 2024 experience is 0.772. (The projected loss ratio included in the September 1, 2024 Pure Premium Rate Filing based on December 31, 2023 experience was 0.746.)

Additional supplemental information is included in Exhibits 9 through 16.

**California Workers' Compensation
Accident Year Experience as of June 30, 2024**

<u>Year</u>	<u>Earned Premium</u>	<u>Paid Indemnity</u>	<u>Indemnity Reserves</u>	<u>Paid Medical**</u>	<u>Medical Reserves</u>	<u>IBNR*</u>	<u>Total Incurred**</u>	<u>Loss Ratio*</u>
1994	4,844,488,388	1,580,245,814	12,608,961	1,442,209,444	49,366,514	30,239,329	3,114,670,062	0.643
1995	3,687,008,419	1,732,555,803	17,489,820	1,617,724,938	68,251,466	36,057,036	3,472,079,063	0.942
1996	3,672,535,891	1,932,913,373	21,995,409	1,721,266,965	62,127,356	40,078,927	3,778,382,030	1.029
1997	3,843,880,681	2,279,199,431	21,969,236	1,997,252,474	68,248,629	80,130,394	4,446,800,164	1.157
1998	4,213,387,277	2,696,311,544	28,681,902	2,627,269,771	126,606,997	158,992,997	5,637,863,211	1.338
1999	4,376,621,957	2,932,041,242	28,620,790	2,971,541,750	87,980,584	228,700,349	6,248,884,715	1.428
2000	5,677,240,626	3,288,795,919	40,039,811	3,467,863,027	123,323,937	335,524,810	7,255,547,504	1.278
2001	9,801,199,961	4,732,956,726	53,271,092	5,306,841,836	187,849,997	554,874,269	10,835,793,920	1.106
2002	12,995,022,062	4,671,636,044	54,692,448	5,435,995,769	176,886,034	768,905,802	11,108,116,097	0.855
2003	18,762,716,390	4,497,891,517	86,811,147	5,055,677,212	186,181,056	1,145,952,442	10,972,513,374	0.585
2004	22,733,973,318	3,231,432,473	79,926,644	4,121,655,610	170,349,498	1,252,921,777	8,856,286,002	0.390
2005	21,205,119,597	2,570,878,556	69,197,659	3,735,335,288	139,709,056	1,009,315,695	7,524,436,254	0.355
2006	17,175,295,410	2,684,471,583	65,298,912	3,889,024,865	170,220,943	662,863,558	7,471,879,861	0.435
2007	13,254,945,115	2,838,608,475	78,463,047	4,167,693,222	175,363,686	616,589,287	7,876,717,717	0.594
2008	10,736,731,615	2,891,792,356	95,448,420	4,158,953,700	194,421,460	345,812,002	7,686,427,938	0.716
2009	8,781,198,298	2,757,557,700	83,201,635	3,966,409,522	213,598,833	297,539,588	7,318,307,278	0.833
2010	9,147,975,279	2,740,191,221	75,058,539	4,016,106,500	138,392,888	366,085,888	7,335,835,036	0.802
2011	9,863,762,813	2,722,972,942	86,921,142	3,658,774,750	185,821,858	421,783,909	7,076,274,601	0.717
2012	11,402,662,598	2,794,875,396	98,465,460	3,591,542,973	184,612,947	763,932,245	7,433,429,021	0.652
2013	13,864,606,049	2,857,624,574	97,772,109	3,459,922,771	188,673,071	1,000,466,530	7,604,459,055	0.548
2014	15,760,748,964	3,055,569,405	121,138,766	3,462,959,318	213,030,424	1,296,706,365	8,149,404,278	0.517
2015	16,851,727,244	3,145,859,501	147,185,143	3,440,645,866	239,120,680	1,653,457,557	8,626,268,747	0.512
2016	17,731,077,053	3,102,838,747	164,858,453	3,363,144,404	278,853,797	1,587,226,473	8,496,921,874	0.479
2017	17,461,798,081	3,066,209,168	236,104,884	3,331,668,317	394,792,398	1,648,248,880	8,677,023,647	0.497
2018	17,260,330,949	3,127,012,663	310,846,185	3,468,156,426	463,960,067	1,635,801,753	9,005,777,094	0.522
2019	15,976,464,191	3,232,919,969	455,587,095	3,456,733,240	592,276,970	2,331,402,451	10,068,919,725	0.630
2020	13,965,505,661	2,721,874,879	517,588,324	2,905,623,123	706,968,021	2,061,734,524	8,913,788,871	0.638
2021	13,416,573,779	2,577,505,961	753,128,659	2,739,191,045	1,030,227,316	2,065,572,174	9,165,625,155	0.683
2022	15,104,629,802	2,170,497,131	1,027,757,710	2,292,345,588	1,389,258,717	3,030,491,804	9,910,350,950	0.656
2023	15,503,022,437	1,204,143,713	1,093,467,543	1,393,310,210	1,652,781,643	4,615,419,013	9,959,122,122	0.642
2024	7,638,059,662	137,628,573	378,505,243	203,964,147	752,325,077	2,838,612,965	4,311,036,005	0.564

* Shown for informational purposes only.

** Paid medical for accident years 2011 and subsequent exclude the paid cost of medical cost containment programs (MCCP). Paid medical for accident years 2010 and prior include paid MCCP costs.

Source: WCIRB quarterly experience calls. COVID-19 claims and COVID-19 premium charges are excluded from 2020 to 2022.

Incurred Indemnity Loss Development Factors

Accident Year	<u>30/18</u>	<u>42/30</u>	<u>54/42</u>	<u>66/54</u>	<u>78/66</u>	<u>90/78</u>	<u>102/90</u>	<u>114/102</u>	<u>126/114</u>	<u>138/126</u>	<u>150/138</u>	<u>162/150</u>	<u>174/162</u>	<u>186/174</u>	<u>198/186</u>	<u>210/198</u>
1996																
1997													1.002	1.000	1.002	1.001
1998													1.004	1.000	1.000	1.001
1999											1.004	1.005	1.004	1.000	1.002	1.001
2000										1.005	1.005	1.002	1.004	1.001	1.001	1.001
2001									1.008	1.008	1.005	1.004	1.002	1.001	1.001	1.001
2002								1.010	1.008	1.007	1.002	1.004	1.002	1.001	1.002	1.001
2003							1.020	1.017	1.010	1.008	1.005	1.003	1.003	1.003	1.002	1.002
2004						1.029	1.021	1.015	1.014	1.005	1.005	1.002	1.001	1.004	1.003	1.001
2005					1.047	1.035	1.020	1.013	1.009	1.004	1.005	1.004	1.003	1.006	1.003	1.002
2006				1.067	1.044	1.029	1.020	1.008	1.007	1.008	1.004	1.002	1.006	1.002	1.002	1.003
2007			1.090	1.060	1.040	1.028	1.017	1.012	1.008	1.005	1.009	1.005	1.002	1.003	1.002	1.002
2008		1.200	1.100	1.057	1.034	1.022	1.017	1.009	1.010	1.007	1.006	1.005	1.004	1.003	1.002	
2009	1.504	1.190	1.106	1.059	1.035	1.021	1.016	1.011	1.008	1.010	1.006	1.007	1.003	1.001	1.002	
2010	1.502	1.199	1.096	1.055	1.030	1.022	1.014	1.012	1.007	1.007	1.003	1.004	1.003	1.001		
2011	1.487	1.180	1.092	1.046	1.029	1.022	1.013	1.008	1.010	1.005	1.005	1.003	1.003			
2012	1.471	1.174	1.083	1.049	1.029	1.021	1.016	1.010	1.005	1.008	1.001	1.003	1.003			
2013	1.453	1.161	1.076	1.041	1.027	1.014	1.010	1.005	1.007	1.005	1.001	1.003	1.003			
2014	1.464	1.174	1.080	1.043	1.020	1.012	1.009	1.008	1.007	1.005	1.001	1.003	1.006	1.002	1.002	1.002
2015	1.465	1.150	1.071	1.033	1.024	1.009	1.008	1.008	1.007	1.007	1.006	1.005	1.004	1.003	1.002	
2016	1.437	1.145	1.069	1.030	1.020	1.014	1.009	1.008	1.007	1.007	1.006	1.005	1.004	1.003	1.002	
2017	1.429	1.148	1.056	1.033	1.021	1.015	1.009	1.008	1.007	1.007	1.006	1.005	1.004	1.003	1.002	
2018	1.413	1.129	1.057	1.031	1.024											
2019	1.406	1.142	1.071	1.042												
2020	1.405	1.152	1.076													
2021	1.432	1.158														
2022	1.446															
Selected (a)	1.446	1.158	1.076	1.042	1.024	1.015	1.009	1.008	1.007	1.007	1.005	1.004	1.004	1.003	1.002	1.003
Cumulative	2.085	1.442	1.245	1.157	1.110	1.084	1.068	1.059	1.050	1.043	1.036	1.030	1.026	1.022	1.019	1.017

(a) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and six-year average for the subsequent age-to-age factors.

Incurred Indemnity Loss Development Factors (Continued)

Accident Year	222/210	234/222	246/234	258/246	270/258	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390	414/402	426/414	438/426	450/438	462/450	474/462	ULT/474inc (b)
1983											1.001	1.001	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.000	1.001	1.000	1.000
1984										1.001	1.000	1.001	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.000	1.000
1985									1.000	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.000	1.000
1986								1.000	1.002	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.001	1.001	1.000	1.001	1.000	1.000	1.000
1987							1.000	1.002	1.001	1.000	1.001	1.001	1.001	1.001	1.000	1.001	1.000	1.001	1.000	1.001	1.000	1.000	1.001
1988						1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.001	1.000	1.000	1.000
1989					1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1990				1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1991			1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1992		1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1993	1.000	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1994	1.002	1.002	1.001	1.000	1.001	1.000	1.000	1.001	1.002	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1995	1.002	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1996	1.002	1.000	1.001	1.001	1.000	1.001	1.002	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1997	1.000	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1998	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1999	1.000	1.000	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2000	1.002	1.001	1.001	1.000	1.000	1.001	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2002	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2003	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2004	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001
2005	1.002	1.000																					
2006	1.001																						

Selected (a)
Cumulative

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(b) The ULT/474inc tail factor was calculated based on an inverse power curve fit to a six-year average of the 114-to-126 through 342-to-354 factors and extrapolated to 80 development years.

Incurred Medical Loss Development Factors

Accident Year	<u>30/18</u>	<u>42/30</u>	<u>54/42</u>	<u>66/54</u>	<u>78/66</u>	<u>90/78</u>	<u>102/90</u>	<u>114/102</u>	<u>126/114</u>	<u>138/126</u>	<u>150/138</u>	<u>162/150</u>	<u>174/162</u>	<u>186/174</u>	<u>198/186</u>	<u>210/198</u>
1996														1.017	1.008	1.006
1997													1.010	1.008	1.006	1.003
1998												1.010	1.010	1.012	1.008	1.008
1999										1.019	1.016	1.011	1.011	1.010	1.002	1.000
2000										1.019	1.018	1.014	1.010	1.003	0.996	0.996
2001									1.032	1.019	1.015	1.019	1.002	0.998	0.997	0.997
2002								1.026	1.026	1.018	1.010	1.006	0.997	0.999	1.001	0.998
2003							1.038	1.033	1.024	1.016	1.006	0.999	1.001	0.999	1.002	1.004
2004						1.052	1.036	1.029	1.024	1.006	1.003	0.998	0.999	0.999	1.001	0.999
2005					1.065	1.053	1.038	1.026	1.014	1.007	1.000	1.003	0.998	1.002	0.998	0.997
2006				1.073	1.055	1.050	1.030	1.014	1.004	1.003	1.004	1.001	1.002	1.000	0.999	1.004
2007		1.101		1.074	1.063	1.036	1.025	1.011	1.006	1.003	1.004	1.001	0.997	0.998	0.999	1.001
2008		1.164	1.106	1.077	1.051	1.031	1.017	1.006	1.006	1.004	1.002	0.997	1.000	1.001	1.000	
2009	1.322	1.170	1.117	1.072	1.042	1.023	1.009	1.007	1.003	1.009	1.002	1.001	1.001	1.007		
2010	1.347	1.184	1.096	1.058	1.035	1.017	1.011	1.011	1.005	1.001	1.001	1.001	1.000			
2011	1.340	1.157	1.090	1.049	1.023	1.015	1.008	1.004	1.004	1.003	1.003	1.004				
2012	1.282	1.127	1.071	1.044	1.021	1.015	1.011	1.005	1.000	1.003	1.004					
2013	1.257	1.107	1.061	1.026	1.019	1.009	1.004	1.003	1.005	1.005						
2014	1.240	1.110	1.050	1.033	1.018	1.008	1.007	1.005	1.005							
2015	1.247	1.096	1.041	1.024	1.012	1.004	1.008	1.005								
2016	1.213	1.069	1.044	1.021	1.014	1.008	1.006									
2017	1.192	1.084	1.030	1.027	1.016	1.013										
2018	1.185	1.072	1.040	1.027	1.021											
2019	1.195	1.086	1.053	1.033												
2020	1.239	1.103	1.063													
2021	1.236	1.120														
2022	1.271															
Selected (a)	1.271	1.120	1.063	1.033	1.021	1.013	1.006	1.005	1.004	1.004	1.003	1.001	1.000	1.001	1.000	1.001
Cumulative	1.650	1.298	1.159	1.090	1.056	1.034	1.021	1.014	1.009	1.006	1.002	0.999	0.998	0.998	0.997	0.997

(a) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and six-year average for the subsequent age-to-age factors.

(b) Incurred medical loss development factors include the paid cost of medical cost containment programs for accident years 2011 and prior.

Selected (a)
Cumulative

(c) The ULT/474Inc tail factor was calculated based on an inverse power curve fit to a six-year average of the 114-to-126 through 342-to-354 factors and extrapolated to 80 development years.

Paid Indemnity Loss Development Factors

Accident Year	30/18	42/30	54/42	66/54	78/66	90/78	102/90	Age-to-Age (in months)							150/138	162/150	174/162	186/174	198/186	210/198
								114/102	126/114	138/126										
1996																				
1997																	1.007	1.004	1.005	1.004
1998																	1.008	1.006	1.005	1.004
1999																	1.007	1.007	1.005	1.006
2000																	1.008	1.006	1.005	1.004
2001										1.011							1.008	1.006	1.004	1.004
2002									1.016	1.013							1.008	1.006	1.006	1.005
2003									1.017	1.014							1.009	1.006	1.004	1.005
2004								1.018	1.022	1.018							1.009	1.007	1.006	1.007
2005								1.032	1.023	1.017							1.008	1.009	1.008	1.006
2006								1.033	1.023	1.018							1.011	1.009	1.008	1.005
2007								1.027	1.024	1.019							1.010	1.009	1.005	1.006
2008								1.031	1.024	1.016							1.013	1.007	1.005	1.005
2009								1.024	1.020	1.014							1.014	1.009	1.008	1.006
2010								1.027	1.021	1.014							1.010	1.009	1.005	1.006
2011								1.023	1.018	1.013							1.013	1.009	1.005	1.005
2012								1.020	1.017	1.012							1.009	1.007	1.005	1.005
2013								1.020	1.015	1.014							1.009	1.006	1.006	
2014								1.017	1.013	1.010							1.009	1.006		
2015								1.015	1.014								1.008	1.007		
2016								1.022	1.015								1.007			
2017								1.023	1.023								1.006			
2018								1.022	1.017								1.006			
2019								1.022	1.014								1.006			
2020								1.023	1.015								1.007			
2021								1.023	1.013								1.007			
2022								1.023	1.013								1.007			
Selected (a)	1.891	1.342	1.169	1.095	1.055	1.034	1.023	1.015	1.014	1.012	1.010	1.009	1.008	1.007	1.005	1.005	1.005	1.005	1.005	1.005
Cumulative	4.102	2.169	1.616	1.383	1.263	1.197	1.157	1.131	1.115	1.099	1.086	1.076	1.066	1.058	1.051	1.045	1.045	1.045	1.045	1.045

(a) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and three-year average for the subsequent age-to-age factors.

Paid Indemnity Loss Development Factors (Continued)

Accident Year	222/210	234/222	246/234	258/246	270/258	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390	414/402	426/414	438/426	450/438	462/450	474/462	ULT/474Pd (b)
1983																							
1984																							
1985																							
1986																							
1987																							
1988																							
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1990																							
1991																							
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1998																							
1999																							
2000																							
2001																							
2002																							
2003																							
2004																							
2005																							
2006																							

Selected (a)
Cumulative

1.004
1.040

(b) The ULT/474Pd tail factor was calculated based on an inverse power curve fit to a four-year average of the 114-to-126 through 342-to-354 factors and extrapolated to 80 development years.

Paid Medical Loss Development Factors

Unadjusted (a) Accident Year	Age-to-Age (in months)															
	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198
1996																
1997																
1998																
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2014																
2015																
2016																
2017																
2018																
2019																
2020																
2021																
2022																

Adjusted (b) Accident Year	Age-to-Age (in months)															
	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198
2005																
2006																
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2017																
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2019																
2020																
2021																
2022																
Selected (c)	1.743	1.319	1.166	1.094	1.061	1.037	1.025	1.020	1.018	1.013	1.012	1.010	1.009	1.009	1.007	1.008
Cumulative	4.245	2.435	1.846	1.584	1.448	1.364	1.316	1.284	1.258	1.239	1.223	1.209	1.196	1.186	1.175	1.167

- (a) Paid medical loss development factors include the paid cost of medical cost containment programs for accident years 2011 and prior.
 (b) These factors are adjusted for the impact of pharmaceutical cost reductions through 2018 and the 2021 changes to the Official Medical Fee Schedule and Medical-Legal Fee Schedule in order to bring the historical payments to the current pharmaceutical and medical service cost level.
 (c) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and three-year average for the subsequent age-to-age factors.

Paid Medical Loss Development Factors (Continued)

Unadjusted (a) Accident Year	Age-to-Age (in months)															
	222/210	234/222	246/234	258/246	270/258	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390
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Adjusted (b) Accident Year	Age-to-Age (in months)															
	222/210	234/222	246/234	258/246	270/258	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390
1983																
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Selected (c) Cumulative	Age-to-Age (in months)															
	222/210	234/222	246/234	258/246	270/258	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390
1983																
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2005																
2006																

(d) The ULT/474Pd tail factor was calculated based on an inverse power curve fit to a four-year average of the 114-to-126 through 342-to-354 adjusted factors and extrapolated to 80 development years.

Selected Indemnity Development Factors - Paid to Ultimate

Accident Year	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198	222/210	234/222	246/234	258/246	270/258
1996																					
1997													1.007	1.004	1.005	1.004	1.004	1.004	1.004	1.003	1.002
1998													1.008	1.006	1.005	1.004	1.004	1.003	1.002	1.002	1.003
1999												1.009	1.008	1.008	1.005	1.006	1.005	1.004	1.003	1.004	1.002
2000											1.010	1.008	1.008	1.006	1.004	1.004	1.004	1.003	1.003	1.003	1.002
2001									1.016	1.011	1.010	1.009	1.008	1.006	1.004	1.004	1.004	1.003	1.003	1.003	1.002
2002								1.018	1.017	1.013	1.012	1.009	1.008	1.006	1.004	1.005	1.005	1.004	1.004	1.002	1.002
2003								1.028	1.025	1.022	1.018	1.009	1.009	1.007	1.006	1.007	1.007	1.003	1.003	1.003	1.002
2004								1.040	1.032	1.023	1.023	1.017	1.008	1.009	1.008	1.006	1.003	1.003	1.003	1.003	1.002
2005						1.068		1.054	1.047	1.038	1.023	1.014	1.011	1.009	1.008	1.005	1.004	1.003	1.003	1.003	1.002
2006						1.077		1.059	1.042	1.027	1.024	1.019	1.014	1.009	1.005	1.006	1.005	1.004	1.003	1.003	1.003
2007						1.110		1.114	1.076	1.072	1.069	1.061	1.051	1.041	1.031	1.021	1.011	1.001	1.001	1.001	1.001
2008						1.118		1.118	1.075	1.073	1.069	1.061	1.051	1.041	1.031	1.021	1.011	1.001	1.001	1.001	1.001
2009						1.182		1.200	1.172	1.166	1.166	1.166	1.166	1.166	1.166	1.166	1.166	1.166	1.166	1.166	1.166
2010						1.402		1.420	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414	1.414
2011						1.394		1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394	1.394
2012						1.387		1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387	1.387
2013						1.389		1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389	1.389
2014						1.396		1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396
2015						1.372		1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.372
2016						1.359		1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359	1.359
2017						1.338		1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338	1.338
2018						1.337		1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337	1.337
2019						1.349		1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349
2020						1.348		1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348	1.348
2021						1.342		1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342	1.342
2022						1.891		1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891	1.891
Selected (a)	1.891	1.342	1.169	1.095	1.055	1.034	1.023	1.015	1.014	1.012	1.010	1.009	1.008	1.007	1.005	1.005	1.004	1.003	1.003	1.002	1.002
Cumulative	4.088	2.162	1.611	1.378	1.259	1.193	1.154	1.128	1.111	1.096	1.083	1.072	1.063	1.054	1.047	1.042	1.036	1.032	1.029	1.026	1.024

Selected Indemnity Development Factors - Incurred to Ultimate

Accident Year	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198	222/210	234/222	246/234	258/246	270/258
2012	1.471	1.174	1.063	1.049	1.029	1.021	1.016	1.010	0.957												
2013	1.453	1.161	1.076	1.041	1.027	1.014	1.010	1.005	0.956												
2014	1.464	1.174	1.080	1.043	1.020	1.012	1.009	1.008	0.955												
2015	1.465	1.150	1.071	1.033	1.024	1.009	1.008	1.008													
2016	1.437	1.145	1.069	1.030	1.020	1.014	1.009														
2017	1.429	1.148	1.056	1.033	1.021	1.015															
2018	1.413	1.129	1.057	1.031	1.024																
2019	1.406	1.142	1.071	1.042																	
2020	1.405	1.152	1.076																		
2021	1.432	1.158																			
2022	1.446																				
Selected (b)	1.446	1.158	1.076	1.042	1.024	1.015	1.009	1.008													
Cumulative	2.108	1.458	1.259	1.170	1.123	1.097	1.080	1.071	1.111	1.096	1.083	1.072	1.063	1.054	1.047	1.042	1.036	1.032	1.029	1.026	1.024

- (a) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and three-year averages for the subsequent paid age-to-age factors.
(b) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and six-year average for the subsequent age-to-age factors.
(c) A 3-year average of the ratio of paid losses to incurred losses at 114 months is selected to convert incurred development to paid development.

Selected Indemnity Development Factors - Paid to Ultimate (Continued)

Accident Year	Age-to-Age (in months)																			ULT/474Pd (e)
	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390	414/402	426/414	438/426	450/438	462/450	474/462			
1983						1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.000			
1984					1.001	1.001	1.001	1.001	1.000	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.000			
1985				1.001	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.000			
1986			1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.001			
1987		1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.000	1.001	1.001			
1988	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.000	1.001	1.001	1.000			
1989	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.000			
1990	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.001	1.000	1.000			
1991	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1992	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1993	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1994	1.002	1.002	1.001	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1995	1.002	1.002	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1996	1.003	1.002	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1997	1.003	1.003	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1998	1.003	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
1999	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
2000	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
2001	1.002																			
Unadjusted (a)	1.002	1.002	1.001	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.001	1.001	1.000	1.009		
Selected (d)	1.002	1.002	1.001	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.001	1.001	1.000	1.006		
Cumulative	1.022	1.020	1.018	1.017	1.015	1.013	1.013	1.012	1.011	1.010	1.009	1.009	1.008	1.008	1.008	1.007	1.007	1.006		

(d) Adjusted for the impact of changes in claim settlement rates on later-period development for 318 months and later. See Exhibits 2.5.3 through 2.5.6.

(e) The ULT/474Pd tail factor was calculated based on an inverse power curve fit to a four-year average of the 114-to-126 through 342-to-354 factors and extrapolated to 80 development years.

Paid Loss Development Factors
Adjusted for the Impact of Claim Settlement Rate
Changes on Later-Period Development

1. Reported Closed Indemnity Claim Counts

Accident	Evaluated as of (in months)									
Year	<u>318</u>	<u>330</u>	<u>342</u>	<u>354</u>	<u>366</u>	<u>378</u>	<u>390</u>	<u>402</u>	<u>414</u>	<u>426</u>
1989							199,533	199,581	199,564	199,591
1990						220,981	221,049	221,083	221,118	
1991					222,989	223,050	223,082	223,129		
1992				176,144	176,186	176,236	176,283			
1993			137,547	137,621	137,655	137,693				
1994		124,786	124,855	124,896	124,956					
1995	117,101	117,195	117,243	117,297						
1996	112,547	112,593	112,682							
1997	118,265	118,410								
1998	126,392									

2. Ult. Claim Counts (a)

Accident Year	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>	<u>1991</u>	<u>1990</u>	<u>1989</u>
	127,336	119,109	113,243	117,822	125,365	138,039	176,615	223,508	221,367	199,908

3. Ultimate Indemnity Claim Settlement Ratio (b)

Accident	Evaluated as of (in months)									
Year	<u>318</u>	<u>330</u>	<u>342</u>	<u>354</u>	<u>366</u>	<u>378</u>	<u>390</u>	<u>402</u>	<u>414</u>	<u>426</u>
1989							99.8%	99.8%	99.8%	99.8%
1990						99.8%	99.9%	99.9%	99.9%	
1991					99.8%	99.8%	99.8%	99.8%		
1992				99.7%	99.8%	99.8%	99.8%			
1993			99.6%	99.7%	99.7%	99.7%				
1994		99.5%	99.6%	99.6%	99.7%					
1995	99.4%	99.5%	99.5%	99.6%						
1996	99.4%	99.4%	99.5%							
1997	99.3%	99.4%								
1998	99.3%									

(a) Based on the latest year age-to-age development in indemnity claim counts.

(b) Ratio of closed indemnity claim counts (Item 1) to the estimated ultimate indemnity claim counts (Item 2) for that accident year.

Source: Accident year experience of insurers with available claim count data

Paid Loss Development Factors
Adjusted for the Impact of Claim Settlement Rate
Changes on Later-Period Development

4. Ratio of Incremental Closed Indemnity Claims to Estimated Prior Open Indemnity Claims (c)

Accident	Evaluated as of (in months)									
Year	<u>306-318</u>	<u>318-330</u>	<u>330-342</u>	<u>342-354</u>	<u>354-366</u>	<u>366-378</u>	<u>378-390</u>	<u>390-402</u>	<u>402-414</u>	<u>414-426</u>
1989								12.8%	-5.2%	7.8%
1990							17.6%	10.7%	12.3%	
1991						11.7%	7.0%	11.0%		
1992					8.9%	11.6%	12.4%			
1993				15.0%	8.1%	9.9%				
1994			11.9%	8.0%	12.8%					
1995		13.0%	7.7%	9.3%						
1996	12.6%	6.6%	13.7%							
1997	6.3%	17.2%								
1998	10.8%									
3-Year Average	9.9%	12.3%	11.1%	10.8%	9.9%	11.1%	12.3%	11.5%	3.6%	
Share of Open on Prior (d)	90.1%	87.7%	88.9%	89.2%	90.1%	88.9%	87.7%	88.5%	96.4%	

5. Projected Open + IBNR Indemnity Claim Counts (e)

Accident	Evaluated as of (in months)									
Year	<u>318</u>	<u>330</u>	<u>342</u>	<u>354</u>	<u>366</u>	<u>378</u>	<u>390</u>	<u>402</u>	<u>414</u>	
1989										
1990										249
1991								379		366
1992							332	294		284
1993						346	303	268		259
1994					409	364	319	282		272
1995				525	473	420	369	326		315
1996			561	500	451	401	351	311		300
1997		699	621	554	499	444	389	344		332
1998	944	828	736	657	591	526	461	408		393
1999	913	801	712	635	572	508	446	395		380
...										
2022	662	581	516	460	415	369	323	286		276
2023	696	611	543	485	436	388	340	301		290

- (c) Equal to [the difference in ultimate indemnity claim settlement ratios from the prior evaluation (Item 3)] divided by [1.0 less the ultimate indemnity claim settlement ratio from the prior evaluation].
- (d) Equal to 1.0 minus the selected ratio of incremental closed indemnity claims to prior open indemnity claims from Item 4.
- (e) The italicized diagonal is equal to the Ultimate Indemnity Claim Counts (Item 2) less the Reported Closed Indemnity Claim Counts (Item 1) as of the latest evaluation. The remaining figures are projected based on the italicized diagonal and the Share of Open on Prior from Item 4.

Source: Accident year experience of insurers with available claim count data

Paid Loss Development Factors
Adjusted for the Impact of Claim Settlement Rate
Changes on Later-Period Development

6. Ratio of Projected Open Claim Counts to Ultimate Claim Counts (f)

Accident	Evaluated as of (in months)								
Year	<u>318</u>	<u>330</u>	<u>342</u>	<u>354</u>	<u>366</u>	<u>378</u>	<u>390</u>	<u>402</u>	<u>414</u>
1989								0.2%	0.2%
1990							0.1%	0.1%	0.1%
1991						0.2%	0.2%	0.2%	0.2%
1992					0.2%	0.2%	0.2%	0.2%	0.2%
1993				0.3%	0.3%	0.3%	0.2%	0.2%	0.2%
1994			0.4%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%
1995		0.5%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%
1996	0.6%	0.6%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%
1997	0.7%	0.6%	0.5%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%
1998	0.7%	0.7%	0.6%	0.5%	0.5%	0.4%	0.4%	0.3%	0.3%
1999	0.7%	0.6%	0.6%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%
...									
2022	0.4%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
2023	0.4%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
3-Year Historical Avg.	0.7%	0.6%	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%	0.1%

7. Ratio of Projected Percent Open to Historical Percent Open (g)

Accident	Evaluated as of (in months)								
Year	<u>318</u>	<u>330</u>	<u>342</u>	<u>354</u>	<u>366</u>	<u>378</u>	<u>390</u>	<u>402</u>	<u>414</u>
1989									
1990									
1991									1.15
1992								1.08	1.13
1993							1.26	1.26	1.32
1994						1.30	1.46	1.46	1.53
1995					1.42	1.60	1.80	1.80	1.88
1996				1.18	1.41	1.58	1.78	1.78	1.86
1997			1.12	1.24	1.48	1.67	1.88	1.88	1.96
1998		1.15	1.24	1.38	1.64	1.85	2.08	2.08	2.17
1999	1.04	1.11	1.20	1.33	1.58	1.78	2.00	2.01	2.09
...									
2022	0.60	0.64	0.69	0.77	0.91	1.03	1.16	1.16	1.21
2023	0.61	0.65	0.70	0.78	0.93	1.04	1.17	1.18	1.23

(f) Equal to the Projected Open + IBNR Indemnity Claim Counts (Item 5) divided by the Ultimate Indemnity Claim Counts (Item 2).

The italicized diagonals are based on historical data while the remaining figures are projections.

(g) Equal to the Ratio of Projected Open Claim Counts to Ultimate Claim Counts (Item 6) divided by the three-year historical average.

Source: Accident year experience of insurers with available claim count data

**Paid Loss Development Factors
Adjusted for the Impact of Claim Settlement Rate
Changes on Later-Period Development**

Age-to-Age Paid Development (in months):									
Age	<u>318-330</u>	<u>330-342</u>	<u>342-354</u>	<u>354-366</u>	<u>366-378</u>	<u>378-390</u>	<u>390-402</u>	<u>402-414</u>	<u>414-426</u>

8. 3-Year Average (h)

Indemnity	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000
Medical	1.004	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.003

9. Adjustment Ratio (i)

Accident Year 2022	0.84	0.86	0.88	0.91	0.97	1.01	1.06	1.06	1.08
Accident Year 2023	0.84	0.86	0.88	0.91	0.97	1.02	1.07	1.07	1.09

10. Adjusted Factors (j)

Indemnity									
Accident Year 2022	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000
Accident Year 2023	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000
Medical									
Accident Year 2022	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.003
Accident Year 2023	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.003

- (h) Indemnity development factors are from Exhibit 2.3.2. Medical development factors are from Exhibit 2.4.2 and include adjustments for changes in pharmaceutical costs and the 2021 medical fee schedule updates.
- (i) Equal to the Ratio of Projected Percent Open to Historical Percent Open (Item 7) for the given accident year, with the difference from 1.0 adjusted by 40% to reflect the estimated impact of claim settlement rate changes on later-period development.
- (j) Equal to the [three year average factors (Item 8) - 1.0] multiplied by the Adjustment Ratio (Item 9), and adding 1.0.

Source: Accident year experience of insurers with available claim count data

Selected Medical Development Factors - Paid to Ultimate

Adjusted (a)(b) Accident Year	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198	222/210	234/222	246/234	258/246	270/258
2000																					
2001																					
2002																					
2003																					
2004																					
2005																					
2006																					
2007																					
2008																					
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2013																					
2014																					
2015																					
2016																					
2017																					
2018																					
2019																					
2020																					
2021																					
2022																					
Selected (c) Cumulative	1.743	1.743	1.319	1.166	1.094	1.061	1.037	1.025	1.020	1.015	1.013	1.012	1.010	1.009	1.007	1.008	1.007	1.006	1.006	1.005	1.005

Selected Medical Development Factors - Incurred to Ultimate

Accident Year	30/18	42/30	54/42	66/54	78/66	90/78	102/90	114/102	126/114	138/126	150/138	162/150	174/162	186/174	198/186	210/198	222/210	234/222	246/234	258/246	270/258
2012	1.282	1.127	1.071	1.044	1.021	1.015	1.011	1.005	0.931												
2013	1.257	1.107	1.061	1.026	1.019	1.009	1.004	1.003	0.934												
2014	1.240	1.110	1.050	1.033	1.018	1.008	1.007	1.005	0.935												
2015	1.247	1.096	1.041	1.024	1.012	1.004	1.008	1.005													
2016	1.213	1.069	1.044	1.021	1.014	1.008	1.006														
2017	1.192	1.084	1.030	1.027	1.016	1.013															
2018	1.185	1.072	1.040	1.027	1.021																
2019	1.195	1.086	1.053	1.033																	
2020	1.239	1.103	1.063																		
2021	1.236	1.120																			
2022	1.271																				
Selected (d) Cumulative	1.271	1.120	1.063	1.033	1.021	1.013	1.006	1.005													

- (a) Paid medical loss development factors include the paid cost of medical cost containment programs for accident years 2011 and prior.
 (b) These factors are adjusted for the impact of pharmaceutical cost reductions through 2018 and the 2021 changes to the Official Medical Fee Schedule and Medical-Legal Fee Schedule in order to bring the historical payments to the current pharmaceutical and medical service cost level.
 (c) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and three-year averages for the subsequent paid age-to-age factors.
 (d) Selections are latest year for the 18-to-30 month through 102-to-114 month factors and six-year average for the subsequent age-to-age factors.
 (e) A 3-year average of the ratio of paid losses to incurred losses at 114 months is selected to convert incurred development to paid development.

Selected Medical Development Factors - Paid to Ultimate (Continued)

Accident Year	Age-to-Age (in months)																		
	282/270	294/282	306/294	318/306	330/318	342/330	354/342	366/354	378/366	390/378	402/390	414/402	426/414	438/426	450/438	462/450	474/462	ULT/474Pd (g)	
1983																	1.002		
1984																1.001	1.001		
1985																1.003	1.001		
1986																1.002	1.002		
1987														1.002	1.002	1.003			
1988													1.003	1.002	1.002				
1989												1.003	1.003	1.003					
1990										1.002	1.003	1.001							
1991									1.003	1.002	1.001								
1992									1.002	1.002									
1993									1.002										
1994						1.004													
1995					1.005	1.004													
1996				1.006	1.004	1.004													
1997				1.004	1.004	1.004													
1998			1.004	1.007	1.005														
1999		1.006	1.004																
2000	1.005	1.004	1.004																
2001	1.004																		
Unadjusted (c)	1.004	1.005	1.005	1.005	1.004	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.003	1.002	1.002	1.002	1.001	1.068	
Selected (f)	1.004	1.005	1.005	1.005	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.003	1.002	1.002	1.003	1.001	1.046	
Cumulative	1.103	1.098	1.093	1.087	1.082	1.078	1.074	1.071	1.069	1.066	1.064	1.061	1.059	1.055	1.053	1.050	1.048	1.046	

(f) Adjusted for the impact of changes in claim settlement rates on later-period development for 318 months and later. See Exhibits 2.5.3 through 2.5.6.

(g) The ULT/474Pd tail factor was calculated based on an inverse power curve fit to a four-year average of the 114-to-126 through 342-to-354 factors and extrapolated to 80 development years.

**Developed Indemnity Loss Ratios Using Selected Paid Loss Development Factors
Based on Experience as of June 30, 2024**

Accident Year	(1) Paid Loss Ratio (a)	Development Factors		(4) Projected Ultimate Loss Ratio (4) = (1) x (3)
		(2) Annual (b)	(3) Cumulative (b)	
1994	0.326	1.001	1.011	0.330
1995	0.470	1.001	1.012	0.476
1996	0.526	1.001	1.013	0.533
1997	0.593	1.001	1.013	0.601
1998	0.640	1.002	1.015	0.650
1999	0.670	1.001	1.017	0.681
2000	0.579	1.001	1.018	0.590
2001	0.483	1.002	1.020	0.492
2002	0.359	1.002	1.022	0.367
2003	0.240	1.002	1.024	0.245
2004	0.142	1.002	1.026	0.146
2005	0.121	1.003	1.029	0.125
2006	0.156	1.003	1.032	0.161
2007	0.214	1.004	1.036	0.222
2008	0.269	1.005	1.042	0.281
2009	0.314	1.005	1.047	0.329
2010	0.300	1.007	1.054	0.316
2011	0.276	1.008	1.063	0.293
2012	0.245	1.009	1.072	0.263
2013	0.206	1.010	1.083	0.223
2014	0.194	1.012	1.096	0.212
2015	0.187	1.014	1.111	0.207
2016	0.175	1.015	1.128	0.197
2017	0.176	1.023	1.154	0.203
2018	0.181	1.034	1.193	0.216
2019	0.202	1.055	1.259	0.255
2020	0.195	1.095	1.378	0.269
2021	0.192	1.169	1.611	0.310
2022	0.144	1.342	2.162	0.311
2023	0.078	1.891	4.088	0.318

(a) Based on Exhibit 1.

(b) See Exhibits 2.5.1 and 2.5.2.

**Developed Indemnity Loss Ratios Using Selected Hybrid Incurred Loss Development Factors
Based on Experience as of June 30, 2024**

Accident Year	Development Factors				(5) Selected Ultimate Loss Ratio (c)
	(1) Paid or Incurred Loss Ratio (a)	(2) Annual (b)	(3) Cumulative (b)	(4) Projected Ultimate Loss Ratio (4) = (1) x (3)	
1994	0.326	1.001	1.011	0.330	0.330
1995	0.470	1.001	1.012	0.476	0.476
1996	0.526	1.001	1.013	0.533	0.533
1997	0.593	1.001	1.013	0.601	0.601
1998	0.640	1.002	1.015	0.650	0.650
1999	0.670	1.001	1.017	0.681	0.681
2000	0.579	1.001	1.018	0.590	0.590
2001	0.483	1.002	1.020	0.492	0.492
2002	0.359	1.002	1.022	0.367	0.367
2003	0.240	1.002	1.024	0.245	0.245
2004	0.142	1.002	1.026	0.146	0.146
2005	0.121	1.003	1.029	0.125	0.125
2006	0.156	1.003	1.032	0.161	0.161
2007	0.214	1.004	1.036	0.222	0.222
2008	0.269	1.005	1.042	0.281	0.281
2009	0.314	1.005	1.047	0.329	0.329
2010	0.300	1.007	1.054	0.316	0.316
2011	0.276	1.008	1.063	0.293	0.293
2012	0.245	1.009	1.072	0.263	0.263
2013	0.206	1.010	1.083	0.223	0.223
2014	0.194	1.012	1.096	0.212	0.212
2015	0.187	1.014	1.111	0.207	0.207
2016	0.184	1.008	1.071	0.197	0.197
2017	0.189	1.009	1.080	0.204	0.203
2018	0.199	1.015	1.097	0.218	0.217
2019	0.231	1.024	1.123	0.259	0.257
2020	0.232	1.042	1.170	0.271	0.270
2021	0.248	1.076	1.259	0.313	0.311
2022	0.212	1.158	1.458	0.309	0.310
2023	0.148	1.446	2.108	0.312	0.315

- (a) Based on Exhibit 1. Paid loss ratios are shown for accident years 2015 and prior while incurred loss ratios are show for accident years 2016 and later.
- (b) See Exhibits 2.5.1 and 2.5.2.
- (c) Selected ultimate loss ratio is the average of the projection in column 4 and the projection in Exhibit 3.1, column 4.

**Developed Medical Loss Ratios Using Selected Paid Loss Development Factors
Based on Experience as of June 30, 2024**

	(1)	(2)	(3)	(4)	(5)	(6)
			Reform Adjusted			
			<u>Development Factors</u>			
Accident Year	Paid Loss Ratio (a)	Adjusted Paid Loss Ratio (b)	Annual (c)	Cumulative (c)	Adjusted Developed Loss Ratio (d) (2) x (4)	Projected Ultimate Loss Ratio (1) + ((5) - (2))
1994	0.298	0.265	1.002	1.069	0.283	0.316
1995	0.439	0.391	1.002	1.071	0.419	0.467
1996	0.469	0.418	1.003	1.074	0.449	0.500
1997	0.520	0.463	1.003	1.078	0.499	0.556
1998	0.624	0.557	1.004	1.082	0.603	0.669
1999	0.679	0.607	1.005	1.087	0.660	0.732
2000	0.611	0.547	1.005	1.093	0.598	0.662
2001	0.541	0.487	1.005	1.098	0.534	0.589
2002	0.418	0.377	1.004	1.103	0.416	0.457
2003	0.269	0.244	1.005	1.108	0.270	0.296
2004	0.181	0.164	1.005	1.114	0.183	0.200
2005	0.176	0.160	1.006	1.120	0.179	0.195
2006	0.226	0.206	1.006	1.126	0.232	0.253
2007	0.314	0.288	1.007	1.134	0.326	0.353
2008	0.387	0.356	1.008	1.143	0.407	0.438
2009	0.452	0.418	1.007	1.151	0.481	0.515
2010	0.439	0.408	1.009	1.162	0.474	0.505
2011	0.371	0.349	1.009	1.172	0.409	0.431
2012	0.315	0.299	1.010	1.184	0.354	0.370
2013	0.250	0.250	1.012	1.198	0.300	0.299
2014	0.220	0.224	1.013	1.214	0.272	0.268
2015	0.204	0.211	1.015	1.233	0.260	0.253
2016	0.190	0.197	1.020	1.257	0.247	0.240
2017	0.191	0.198	1.025	1.289	0.255	0.248
2018	0.201	0.208	1.037	1.336	0.277	0.271
2019	0.216	0.221	1.061	1.418	0.314	0.309
2020	0.208	0.210	1.094	1.551	0.326	0.324
2021	0.204	0.204	1.166	1.809	0.370	0.369
2022	0.152	0.152	1.319	2.386	0.362	0.362
2023	0.090	0.090	1.743	4.158	0.374	0.374

- (a) Based on Exhibit 1. Paid MCCP costs are excluded from accident years 2011 and subsequent.
- (b) Based on experience evaluated as of June 30, 2024. Reflects adjustments for the pharmaceutical cost reductions through 2018 and 2021 changes to the Official Medical Fee Schedule (OMFS) and Medical-Legal Fee Schedule (MLFS), restating the historical medical paid-to-date ratios at a 2018 pharmaceutical cost level and a 2021 OMFS and MLFS level.
- (c) See Exhibits 2.6.1 and 2.6.2.
- (d) The developed medical loss ratios shown were derived based on an adjustment for pharmaceutical cost reductions and 2021 medical fee schedule changes. They are only for purposes of projecting future medical loss ratios and do not reflect true estimates of ultimate loss ratios for those accident years.

**Developed Medical Loss Ratios Using Selected Hybrid Incurred Loss Development Factors
Based on Experience as of June 30, 2024**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Reform Adjusted				
			Development Factors				
Accident Year	Paid or Incurred Loss Ratio (a)	Adjusted Paid or Incurred Loss Ratio (b)	Annual (c)	Cumulative (c)	Adjusted Developed Loss Ratio (d) (2) x (4)	Projected Ultimate Loss Ratio (1) + ((5) - (2))	Selected Developed Loss Ratio (e)
1994	0.298	0.265	1.002	1.069	0.283	0.316	0.283
1995	0.439	0.391	1.002	1.071	0.419	0.467	0.419
1996	0.469	0.418	1.003	1.074	0.449	0.500	0.449
1997	0.520	0.463	1.003	1.078	0.499	0.556	0.499
1998	0.624	0.557	1.004	1.082	0.603	0.669	0.603
1999	0.679	0.607	1.005	1.087	0.660	0.732	0.660
2000	0.611	0.547	1.005	1.093	0.598	0.662	0.598
2001	0.541	0.487	1.005	1.098	0.534	0.589	0.534
2002	0.418	0.377	1.004	1.103	0.416	0.457	0.416
2003	0.269	0.244	1.005	1.108	0.270	0.296	0.270
2004	0.181	0.164	1.005	1.114	0.183	0.200	0.183
2005	0.176	0.160	1.006	1.120	0.179	0.195	0.179
2006	0.226	0.206	1.006	1.126	0.232	0.253	0.232
2007	0.314	0.288	1.007	1.134	0.326	0.353	0.326
2008	0.387	0.356	1.008	1.143	0.407	0.438	0.407
2009	0.452	0.418	1.007	1.151	0.481	0.515	0.481
2010	0.439	0.408	1.009	1.162	0.474	0.505	0.474
2011	0.371	0.349	1.009	1.172	0.409	0.431	0.409
2012	0.315	0.299	1.010	1.184	0.354	0.370	0.354
2013	0.250	0.250	1.012	1.198	0.300	0.299	0.300
2014	0.220	0.224	1.013	1.214	0.272	0.268	0.272
2015	0.204	0.211	1.015	1.233	0.260	0.253	0.260
2016	0.205	0.205	1.005	1.156	0.237	0.237	0.242
2017	0.213	0.213	1.006	1.163	0.248	0.248	0.252
2018	0.228	0.228	1.013	1.178	0.268	0.268	0.273
2019	0.253	0.253	1.021	1.203	0.305	0.305	0.309
2020	0.259	0.259	1.033	1.243	0.321	0.321	0.323
2021	0.281	0.281	1.063	1.321	0.371	0.371	0.370
2022	0.244	0.244	1.120	1.479	0.361	0.361	0.361
2023	0.196	0.196	1.271	1.880	0.369	0.369	0.372

- (a) Based on Exhibit 1. Paid loss ratios are shown for accident years 2015 and prior while incurred loss ratios are shown for accident years 2016 and later. Paid MCCP costs are excluded from accident years 2011 and subsequent.
- (b) Based on experience evaluated as of June 30, 2024. Paid loss ratios reflect adjustments for the pharmaceutical cost reductions through 2018 and 2021 changes to the Official Medical Fee Schedule (OMFS) and Medical-Legal Fee Schedule (MLFS), restating the historical medical paid-to-date ratios at a 2018 pharmaceutical cost level and a 2021 OMFS and MLFS level.
- (c) See Exhibits 2.6.1 and 2.6.2.
- (d) The developed medical loss ratios shown were derived based on an adjustment for pharmaceutical cost reductions and 2021 medical fee schedule changes. They are only for purposes of projecting future medical loss ratios and do not reflect true estimates of ultimate loss ratios for those accident years.
- (e) Selected developed loss ratio is the average of the projection in column 5 and the projection in Exhibit 3.3, column 5.

Indemnity Benefit Level Factors

Accident Year	(1) Annual Benefit Change Prior to Frequency Adjustments (a)	(2) Frequency Adjustments (a)	(3) Annual Impact on Indemnity Benefits Due to Wage Inflation (b)	(4) Annual Cost Impact on Indemnity (c)	(5) Composite Indemnity Adjustment Factor (d)	
1994	-5.1	0.2	0.6	-4.3	1.537	
1995	6.3	0.6	1.0	8.0	1.423	
1996	5.3	0.4	1.2	7.0	1.330	
1997	9.7	0.2	1.6	11.7	1.191	
1998	6.5	0.0	1.8	8.4	1.099	
1999	5.7	0.0	2.1	7.9	1.018	
2000	3.9	0.0	3.1	7.1	0.950	
2001	-0.3	0.0	0.2	-0.1	0.951	
2002	-0.7	0.0	0.4	-0.3	0.974	(e)
2003	7.3	0.0	1.2	8.6	0.971	(e)
2004	-6.0	-13.7	2.1	-17.2	1.330	(e)
2005	-31.6	-15.3	1.6	-41.2	1.802	
2006	5.6	-5.7	2.2	1.8	1.771	
2007	1.6	0.0	2.1	3.7	1.707	
2008	4.8	0.6	1.0	6.5	1.603	
2009	0.4	1.4	0.2	2.0	1.572	
2010	0.4	0.0	1.5	1.9	1.542	
2011	0.0	0.0	1.4	1.4	1.521	
2012	-0.8	0.0	2.1	1.3	1.502	
2013	1.4	0.2	0.6	2.3	1.469	
2014	5.8	1.5	1.7	9.2	1.345	
2015	-0.8	0.0	2.3	1.4	1.326	
2016	0.3	0.0	1.0	1.3	1.309	
2017	0.5	0.0	2.2	2.7	1.275	
2018	0.4	0.0	2.2	2.6	1.242	
2019	0.4	0.0	2.4	2.8	1.209	
2020	0.4	0.0	2.5	3.0	1.174	
2021	0.5	0.0	3.3	3.8	1.131	
2022	1.2	0.0	2.1	3.4	1.094	
2023	0.5	0.0	2.7	3.2	1.060	
2024	0.0	0.0	2.9	2.9	1.030	
2025	0.3	0.0	2.3	2.6	1.004	
9/1/2025	0.1 (Annual 0.4)	0.0	0.3 (Annual 1.9)	0.4		

- (a) Based on WCIRB evaluations of the average impact of legislative changes on the cost of indemnity benefits. These annual changes in benefits reflect the WCIRB's retrospective estimates of the cost impact of recent legislation as reflected in emerging post-reform costs. The annual cost impacts have been segregated between claim severity and claim frequency impacts.
- (b) These impacts are based on the weekly wages (see Exhibit 5.1) of injured workers and the legislatively scheduled benefits for that year.
- (c) $\{ [\text{Column (1)} / 100 + 1.0] \times [\text{Column (2)} / 100 + 1.0] \times [\text{Column (3)} / 100 + 1.0] - 1.0 \} \times 100$.
- (d) These factors represent the combined impact of the annual benefit changes on claim severity shown in Column (1), claim frequencies shown in Column (2) and wage inflation impact on benefits shown in Column (3), adjusted to the 9/1/2025 level.
- (e) On-level factors for accident years 2002, 2003 and 2004 adjust the portion of permanent disability claims that are estimated to not be subject to the January 1, 2005 PDRS (95% for accident year 2002, 75% for accident year 2003 and 40% for accident year 2004) to the January 1, 2005 PDRS level, and adjust for the corresponding utilization impacts on all 2002, 2003 and 2004 indemnity claims.

Annual Medical Cost Level Change - Non-Legislative

Accident Year	(1) Proportion of Medical Subject to Fee Schedule (a)	(2) Proportion of Medical Not Subject to Fee Schedule (a)	(3) Impact of Fee Schedule Change on Total Medical (b)	(4) Change in Medical CPI (c)	(5) Impact of CPI Change on Total Medical (d)	(6) Annual Non-Legislative Cost Impact on Total Medical (e)
1994	0.691	0.309	-3.6%	4.3%	1.3% (i)	-2.3%
1995	0.681	0.319	0.0%	3.0%	0.9%	0.9%
1996	0.663	0.337	0.0%	3.0%	1.0%	1.0%
1997	0.643	0.357	0.0%	2.2%	0.7%	0.7%
1998	0.658	0.342	0.0%	2.2%	0.8%	0.8%
1999	0.728	0.272	1.6%	3.3%	0.9% (ii)	2.5%
2000	0.715	0.285	0.5%	4.3%	1.2%	1.7%
2001	0.722	0.278	1.5%	4.8%	1.4%	2.9%
2002	0.635	0.365	0.6%	5.1%	1.4%	2.0%
2003	0.786	0.214	0.0%	4.8%	1.4% (iii)	1.4%
2004	0.952	0.048	0.0%	5.0%	0.0% (iv),(v)	0.0%
2005	0.936	0.064	0.0%	4.8%	0.0% (v)	0.0%
2006	0.926	0.074	0.0%	4.1%	0.3%	0.3%
2007	0.923	0.077	1.4%	5.3%	0.4%	1.8%
2008	0.896	0.104	-0.1%	4.2%	0.3%	0.2%
2009	0.894	0.106	0.0%	3.6%	0.4%	0.4%
2010	0.895	0.105	0.0%	2.8%	0.3%	0.3%
2011	0.969	0.031	0.0%	3.2%	0.3%	0.3%
2012	0.969	0.031	0.0%	2.7%	0.1%	0.1%
2013	0.938	0.062	0.0%	2.6%	0.1%	4.9% (f)
2014	0.928	0.072	0.0%	4.2%	0.3%	0.3%
2015	0.933	0.067	0.0%	3.1%	0.2%	0.2%
2016	0.918	0.082	0.0%	5.4%	0.4%	0.4%
2017	0.906	0.094	0.0%	2.2%	0.2%	0.2%
2018	0.887	0.113	0.0%	2.5%	0.2%	0.2%
2019	0.872	0.128	0.0%	3.8%	0.4%	0.4%
2020	0.866	0.134	0.0%	3.0%	0.4%	0.4%
2021	0.869	0.131	4.8%	1.2%	0.2%	0.2% (f)
2022	0.877	0.123	0.0%	5.8%	0.8%	0.8%
2023	0.877	0.123	0.0%	1.4%	0.2%	0.2%
2024	0.877	0.123	0.0%	2.3%	0.3%	0.3%
2025	0.877	0.123	0.0%	3.8%	0.5%	0.5%
9/1/2025	0.877	0.123	0.0% (Annual 0.0%)	0.6% (Annual 3.8%)	0.1%	0.1%

- (a) From a Special Carrier Study through 1990. Based on WCIRB's Aggregate Indemnity and Medical Costs Calls for years 1991 through 2012. Based on WCIRB medical transaction data from 2013 onwards. Accident years 2011 and subsequent do not include MCCP costs.
- (b) Based on the WCIRB's evaluation of the cost impact of changes in the medical fee schedules. Does not include the impact of the 2021 changes to the Official Medical Fee Schedule and Medical-Legal Fee Schedule, which are reflected in the medical loss development projections for accident years 2013 and later.
- (c) Based on a component of the Consumer Price Index. Projections furnished by the California Department of Finance.
- (d) Adjusted CPI on workers' compensation medical costs that are not subject to fee schedules. The current year impact is the weighted average of 0% and Column (4), with Columns (1) and (2) from prior years as weights. (i) 1993's non-fee proportion is reduced by 13.8% due to the new medical-legal fee schedule enacted in 1994. (ii) 1998's non-fee proportion is reduced by 7.7% due to the Inpatient Hospital Fee Schedule (IHFS) effective 4/1/1999. (iii) 2002's non-fee proportion is reduced by 7.6% due to the new pharmaceutical fee schedule effective 1/1/2003. (iv) 2003's non-fee proportion is reduced by 17.2% due to the outpatient fee schedule effective 1/1/2004. (v) Given the anticipated impact of legislative reform, a 0% inflation rate has been assumed for 2004 and 2005.
- (e) Column (6) = Column (3) + Column (5).
- (f) The impact of the 2021 changes to the Official Medical Fee Schedule and Medical-Legal Fee Schedule is applied to accident years 2012 and prior, which are not reflected in the medical loss development projections.

Annual Medical Cost Level Change - Legislative

Accident Year	(1) Annual Legislative Cost Impact on Medical Severity (a)	(2) Annual Legislative Cost Impact on Medical Due to Frequency Changes (b)	(3) Annual Total Legislative Cost Impact on Medical (c)
1994	-2.6%	0.3%	-2.3%
1995	0.0%	0.5%	0.5%
1996	0.0%	0.4%	0.4%
1997	0.0%	0.2%	0.2%
1998	12.6%	0.0%	12.6%
1999	12.6%	0.0%	12.6%
2000	7.0%	0.0%	7.0%
2001	6.6%	0.0%	6.6%
2002	-5.6%	0.0%	-5.6%
2003	-6.0%	0.0%	-6.0%
2004	-24.4%	-12.5%	-33.9%
2005	0.0%	-13.9%	-13.9%
2006	0.1%	-5.2%	-5.1%
2007	0.1%	0.0%	0.1%
2008	0.2%	0.3%	0.5%
2009	0.0%	1.0%	1.0%
2010	0.0%	0.0%	0.0%
2011	-2.0%	0.0%	-2.0%
2012	-4.3%	0.0%	-4.3%
2013	-8.4%	0.2%	-8.2%
2014	-6.0%	1.3%	-4.8%
2015	-2.2%	0.0%	-2.2%
2016	-0.7%	0.0%	-0.7%
2017	-0.5%	0.0%	-0.5%
2018	-0.3%	0.0%	-0.3%
2019	0.0%	0.0%	0.0%
2020	0.0%	0.0%	0.0%
2021	0.0%	0.0%	0.0%
2022	0.0%	0.0%	0.0%
2023	0.0%	0.0%	0.0%
2024	0.0%	0.0%	0.0%
2025	0.0%	0.0%	0.0%
9/1/2025	0.0%	0.0%	0.0%

- (a) Reflects the WCIRB's most recent estimates of the cost impact of legislation. Does not include the estimated reductions to pharmaceutical costs attributable to SB 863, which are reflected in the medical loss development projections.
- (b) This reflects the annual percentage impact on medical costs due to changes in the frequency of indemnity claims as a result of benefit changes.
- (c) $[\text{Column (1)} + 1.0] \times [\text{Column (2)} + 1.0] - 1.0$

Total Medical Cost Level Factors

Accident Year	(1) Annual Non-Legislative Cost Impact on Medical (a)	(2) Annual Legislative Cost Impact on Medical (b)	(3) Total Annual Cost Impact on Medical (c)	(4) Composite Medical On-Level Factor (d)	(5) Composite Medical On-Level Factor (e)
1994	-2.3%	-2.3%	-4.6%	0.731	---
1995	0.9%	0.5%	1.4%	0.721	---
1996	1.0%	0.4%	1.4%	0.711	---
1997	0.7%	0.2%	0.9%	0.704	---
1998	0.8%	12.6%	13.5%	0.621	---
1999	2.5%	12.6%	15.4%	0.538	---
2000	1.7%	7.0%	8.8%	0.494	---
2001	2.9%	6.6%	9.7%	0.451	---
2002	2.0%	-5.6%	-3.7%	0.468	---
2003	1.4%	-6.0%	-4.7%	0.491	---
2004	0.0%	-33.9%	-33.9%	0.742	---
2005	0.0%	-13.9%	-13.9%	0.862	---
2006	0.3%	-5.1%	-4.8%	0.906	---
2007	1.8%	0.1%	1.9%	0.889	---
2008	0.2%	0.5%	0.7%	0.882	---
2009	0.4%	1.0%	1.4%	0.870	---
2010	0.3%	0.0%	0.3%	0.868	---
2011	0.3%	-2.0%	-1.7%	0.883	---
2012	0.1%	-4.3%	-4.2%	0.921	0.896
2013	4.9%	-8.2%	-3.7%	0.957	0.982
2014	0.3%	-4.8%	-4.5%	1.002	1.036
2015	0.2%	-2.2%	-2.0%	1.022	1.062
2016	0.4%	-0.7%	-0.3%	1.025	1.065
2017	0.2%	-0.5%	-0.3%	1.028	1.066
2018	0.2%	-0.3%	-0.1%	1.029	1.076
2019	0.4%	0.0%	0.4%	1.025	1.067
2020	0.4%	0.0%	0.4%	1.021	1.050
2021	0.2%	0.0%	0.2%	1.019	1.050
2022	0.8%	0.0%	0.8%	1.011	1.011
2023	0.2%	0.0%	0.2%	1.009	1.009
2024	0.3%	0.0%	0.3%	1.006	1.006
2025	0.5%	0.0%	0.5%		
9/1/2025	0.1%	0.0%	0.1%		

- (a) See Exhibit 4.2, Column (6).
- (b) See Exhibit 4.3, Column (3).
- (c) $\text{Column (3)} = [1.0 + \text{Column (1)}] \times [1.0 + \text{Column (2)}] - 1.0$.
- (d) These factors adjust the annual impact shown in Column (3) to the 9/1/2025 level.
- (e) These factors are based on the medical on-level adjustments shown in Column (3) but include the full impact of the SB 863 reforms and 2021 changes to medical-legal fee schedules for use in projections that do not reflect the impact of these changes in adjustments to loss development.

Annual Wage Level Changes

Year	(1) Annual Wage Level Change (a)	(2) Adjusted Annual Wage Level Change (b)	(3) Factor to a 9/1/2025 Wage Level (c)
1994	1.8		3.114
1995	2.9		3.026
1996	3.4		2.927
1997	4.7		2.795
1998	5.2		2.657
1999	6.2		2.502
2000	9.0		2.295
2001	0.6		2.282
2002	0.5		2.270
2003	3.3		2.198
2004	4.7		2.099
2005	3.1		2.036
2006	4.6		1.946
2007	4.5		1.863
2008	2.1		1.824
2009	0.4		1.817
2010	3.0		1.764
2011	3.0		1.713
2012	4.2		1.644
2013	0.7		1.632
2014	3.3		1.580
2015	4.5		1.512
2016	2.0		1.482
2017	4.3		1.421
2018	3.7		1.371
2019	4.3		1.314
2020	11.4	5.1	1.250
2021	7.6	6.2	1.177
2022	3.4	3.8	1.134
2023	4.2		1.088
Projected:			
2024	4.5		
2025	3.6		
9/1/2025	0.6	(Annual = 3.0)	

- (a) Historical wage changes through 2023 are based on Bureau of Labor Statistics (BLS) data. The 2022 wage change is based on the average of the BLS Current Employment Statistics hourly and weekly wage estimates. Forecasts for 2024 and forward are based on the average of wage level projections made by the UCLA Anderson School of Business as of June 2024 and those made by the California Department of Finance as of April 2024.
- (b) Wage level changes for 2020 to 2022 were adjusted for estimated shifts in industrial mix and shifts in the wage level mix within industries impacting average wages in order to more appropriately project changes in average wages for the typical worker.
- (c) Based on Column (2) for 2020 through 2022 and Column (1) for all other years.

Premium Adjustment Factors

	(1)	(2a)	(2b)	(2c)	(3)	(4)	(5)	(6)	(7)
	Factor to a	Ratio of Industry Average Charged Rates to Advisory Pure Premium	Factor to Approved Pure Premium Rate Level as of	Factor to Adjust Insurer Premium to Approved Pure Premium Rate Level as of	Adjustment to Remove Surcharge Premium (e)	Average Experience Modification (f)	Off-Balance Correction in Advisory Sept. 1, 2023 Pure Premium	Factor to Adjust for Impact of Premium Resulting from Audits (g)	Composite Premium Adjustment Factor (h)
Calendar Year	Wage Level (a)	Rates (b)	Sept. 1, 2023 (c)	Sept. 1, 2023 (d)	Premium (e)	Modification (f)	Rates	Audits (g)	Factor (h)
1994	3.114	---	---	0.375	0.986	0.948	1.039	---	1.170
1995	3.026	---	---	0.508	0.995	0.958	1.039	---	1.536
1996	2.927	1.034	0.539	0.522	1.000	0.935	1.039	---	1.572
1997	2.795	1.000	0.538	0.538	1.000	0.949	1.039	---	1.526
1998	2.657	0.967	0.561	0.580	1.000	0.959	1.039	---	1.546
1999	2.502	0.974	0.567	0.582	1.000	0.954	1.039	---	1.469
2000	2.295	1.006	0.514	0.511	1.000	0.970	1.039	---	1.163
2001	2.282	1.032	0.452	0.438	1.000	0.969	1.039	---	0.994
2002	2.270	1.167	0.405	0.347	1.000	0.991	1.039	---	0.765
2003	2.198	1.287	0.331	0.258	1.000	1.005	1.039	---	0.542
2004	2.099	1.405	0.337	0.240	1.000	0.981	1.039	---	0.494
2005	2.036	1.463	0.406	0.277	1.000	0.982	1.039	---	0.553
2006	1.946	1.444	0.523	0.362	1.000	0.956	1.039	---	0.709
2007	1.863	1.492	0.712	0.477	1.000	0.931	1.039	0.985	0.905
2008	1.824	1.426	0.848	0.594	1.000	0.946	1.039	0.991	1.093
2009	1.817	1.367	0.836	0.611	1.000	0.937	1.039	1.034	1.179
2010	1.764	1.388	0.819	0.590	1.000	0.941	1.039	1.005	1.070
2011	1.713	1.403	0.818	0.583	1.000	0.982	1.039	---	0.979
2012	1.644	1.224	0.674	0.551	1.000	1.000	1.039	---	0.872
2013	1.632	1.139	0.543	0.477	1.000	0.983	1.039	---	0.762
2014	1.580	1.128	0.500	0.444	1.000	0.961	1.039	---	0.702
2015	1.512	1.109	0.486	0.438	1.000	0.951	1.039	---	0.671
2016	1.482	1.148	0.529	0.461	1.000	0.949	1.039	---	0.693
2017	1.421	1.156	0.586	0.507	1.000	0.955	1.039	---	0.726
2018	1.371	1.196	0.662	0.553	1.000	0.956	1.039	---	0.764
2019	1.314	1.215	0.769	0.633	1.000	0.945	1.039	---	0.848
2020	1.250	1.207	0.858	0.711	1.000	0.943	1.039	0.990	0.898
2021	1.177	1.222	0.924	0.757	1.000	0.946	1.039	1.033	0.936
2022	1.134	1.187	0.965	0.813	1.000	0.955	1.039	0.993	0.922
2023	1.088	1.121	0.975	0.869	1.000	0.970	1.039	---	0.939

- (a) See Exhibit 5.1.
- (b) Based on WCIRB calendar year experience calls. The industry average charged rates reflect most rating plan adjustments but do not reflect the application of deductible credits or retrospective rating plan adjustments.
- (c) Reflects approved advisory pure premium rate level changes to bring premium to the advisory September 1, 2023 pure premium rate level.
- (d) $(2b) \div (2a)$. This column adjusts premiums at the industry average charged rate level to the approved advisory pure premium rate level as of September 1, 2023.
- (e) Based on unit statistical data.
- (f) Based on average promulgated experience modifications. Calendar years 1996 through 2000 include adjustments for the impacts of AB 1913 and SB 1217 (1998).
- (g) Based on a comparison of premium reported on a calendar year basis to premium reported on an estimated ultimate policy year basis over the course of two accident years. The factor is applied only for calendar years 2007 to 2010 and 2020 to 2022, during which reported premiums were impacted by recessionary economic forces.
- (h) $(1) \times (2c) \times (3) \times (6) \div [(4) \times (5)]$ for calendar years 2007 to 2010 and 2020 to 2022. $(1) \times (2c) \times (3) \div [(4) \times (5)]$ for all other calendar years.

**2023 Accident Year Indemnity Claim Frequency Model
As of PY 2021 1st Set & June 2024 UCLA**

AY	Annual % Changes Intra- Class Ind Freq	Annual Log Differences					
		Intra-Class Indemnity Frequency per \$M Exposure at PY 2021 Level			AY+1 Indemnity Benefit Level	Cumulative Injury Index	Economic Variables (1st Prin. Comp.)
		Total	Cumulative	Non-cum.			
1994	-10.5%	-0.111	-0.167	-0.105	-0.057	-0.061	0.106
1995	-0.3%	-0.003	0.009	-0.004	0.061	0.013	0.092
1996	-6.8%	-0.070	-0.165	-0.061	0.053	-0.104	0.074
1997	-3.3%	-0.033	-0.026	-0.034	0.096	0.008	0.137
1998	-3.7%	-0.038	-0.020	-0.040	0.066	0.019	0.078
1999	1.5%	0.015	0.010	0.015	0.058	-0.005	0.127
2000	4.0%	0.039	0.101	0.033	0.040	0.068	0.065
2001	-6.9%	-0.072	0.106	-0.091	-0.003	0.197	-0.104
2002	-2.8%	-0.029	0.196	-0.061	-0.007	0.257	-0.212
2003	-3.2%	-0.032	0.025	-0.042	0.060	0.067	-0.019
2004	-16.8%	-0.184	-0.321	-0.163	-0.065	-0.158	0.103
2005	-13.6%	-0.147	-0.343	-0.121	-0.398	-0.222	0.147
2006	-5.6%	-0.058	-0.204	-0.042	0.051	-0.163	0.094
2007	-1.7%	-0.017	-0.042	-0.015	0.016	-0.027	-0.080
2008	-2.7%	-0.027	-0.012	-0.029	0.049	0.017	-0.316
2009	-0.3%	-0.003	0.133	-0.017	0.069	0.150	-0.461
2010	8.8%	0.085	0.115	0.081	0.016	0.034	-0.077
2011	1.2%	0.012	0.028	0.010	0.000	0.017	0.047
2012	4.7%	0.046	0.115	0.037	0.003	0.077	0.125
2013	0.4%	0.004	0.131	-0.014	0.019	0.145	0.153
2014	0.2%	0.002	0.046	-0.005	0.070	0.051	0.179
2015	-1.5%	-0.015	0.008	-0.018	0.000	0.026	0.194
2016	-2.6%	-0.026	0.033	-0.036	0.000	0.069	0.127
2017	-2.0%	-0.020	-0.073	-0.011	0.000	-0.062	0.130
2018	-0.4%	-0.004	-0.061	0.005	0.000	-0.066	0.127
2019	1.8%	0.017	0.039	0.014	0.000	0.025	0.070
2020	-8.7%	-0.091	0.068	-0.118	0.000	0.186	-0.936
2021	3.3%	0.033	-0.225	0.074	0.000	-0.299	0.325
2022*	-3.7%	-0.002	0.091	-0.017	0.000	0.108	0.536
2023	-1.6%	-0.016	0.050	-0.027	0.000	0.077	-0.096
2024	-2.4%	-0.024	0.015	-0.031	0.000	0.046	-0.074
2025	-0.8%	-0.008	0.014	-0.012	0.000	0.026	0.154
2026	-2.2%	-0.022	-0.009	-0.025	0.000	0.016	0.043

Y = Hazardousness-Adjusted Noncumulative Indemnity Claim Frequency

Constant	-0.033
Std Err of Y Est	0.041
R Squared	0.437
No. of Observations	41
Degrees of Freedom	37

X Coefficient(s)	0.188	0.210	0.103
Std Err of Coef.	0.077	0.062	0.043

Notes:

The Indemnity Benefit Level variable is concurrent. The AY 2004 benefit level change is related to the AY 2004 change in non-cumulative frequency.

The Indemnity Benefit Level variable excludes indemnity benefit utilization, cost-of-living adjustments, and changes in the death and permanent total benefits.

For 1993 on, cumulative claims include both cumulative trauma and occupational disease claims. See Item III of the March 19th, 2014 Actuarial Committee Agenda.

Economic variables are historical through 2023; June 2024 UCLA Anderson Forecasts for 2024 on.

Regression is over AY 1979 through AY 2022, excluding 2020, 2021, and 2022. AY 2023 through AY 2026 are projections.

*AY 2022 is preliminary and change is based on a comparison of 2022 accidents on 2021 policies to 2021 accidents on 2020 policies.

**Projection of Indemnity Severity Trends by Accident Year
Based on Experience as of June 30, 2024**

Accident Year	(1) Estimated Ultimate Severity (a)	(2) Annual % Change	(3) Indemnity Adjustment Factor (b)	(4) Ultimate On-Level Severity (1) x (3)	(5) Annual % Change
1994	13,076	8.4%	2.124	27,775	13.5%
1995	14,683	12.3%	1.978	29,050	4.6%
1996	16,572	12.9%	1.857	30,768	5.9%
1997	19,384	17.0%	1.666	32,290	4.9%
1998	21,290	9.8%	1.536	32,711	1.3%
1999	23,236	9.1%	1.424	33,081	1.1%
2000	24,609	5.9%	1.329	32,707	-1.1%
2001	26,902	9.3%	1.330	35,790	9.4%
2002	26,031	-3.2%	1.363	35,473	-0.9%
2003	26,022	0.0%	1.358	35,350	-0.3%
2004	21,127	-18.8%	1.605	33,906	-4.1%
2005	19,146	-9.4%	1.842	35,273	4.0%
2006	20,832	8.8%	1.707	35,561	0.8%
2007	22,560	8.3%	1.646	37,125	4.4%
2008	24,533	8.7%	1.555	38,141	2.7%
2009	25,759	5.0%	1.545	39,809	4.4%
2010	25,117	-2.5%	1.516	38,090	-4.3%
2011	24,652	-1.9%	1.496	36,869	-3.2%
2012	24,080	-2.3%	1.477	35,566	-3.5%
2013	23,203	-3.6%	1.447	33,582	-5.6%
2014	24,055	3.7%	1.345	32,360	-3.6%
2015	24,303	1.0%	1.326	32,229	-0.4%
2016	23,772	-2.2%	1.309	31,129	-3.4%
2017	24,016	1.0%	1.275	30,627	-1.6%
2018	24,797	3.3%	1.242	30,807	0.6%
2019	26,469	6.7%	1.209	31,995	3.9%
2020	27,756	4.9%	1.174	32,583	1.8%
2021	27,791	0.1%	1.131	31,425	-3.6%
2022	29,190	5.0%	1.094	31,935	1.6%
2023	29,329	0.5%	1.060	31,097	-2.6%
(6) Estimated Annual Exponential Trend Based on 1990 to 2023:					0.7%
(7) Estimated Annual Exponential Trend Based on 2005 to 2023:					-1.2%
(8) Estimated Annual Exponential Trend Based on 2019 to 2023:					-0.8%
Selected Indemnity Severity Trend:					1.0%

(a) The estimated ultimate indemnity severities were derived from the projected ultimate loss ratios shown in Exhibit 3.2, Column (5).

(b) These adjustment factors are based on Exhibit 4.1, excluding the impact of frequency.

Source: WCIRB quarterly experience calls, excluding COVID-19 claims for accident years 2020 to 2023.

**Projection of Medical Severity Trends by Accident Year
Based on Experience as of June 30, 2024**

Accident Year	(1) Estimated Ultimate Severity (a)	(2) Annual % Change	(3) Medical Adjustment Factor (b)	(4) Ultimate On-Level Severity (1) x (3)	(5) Annual % Change
1994	11,632	10.4%	0.946	10,999	16.0%
1995	13,421	15.4%	0.937	12,577	14.3%
1996	14,509	8.1%	0.928	13,462	7.0%
1997	16,890	16.4%	0.921	15,563	15.6%
1998	20,795	23.1%	0.812	16,881	8.5%
1999	23,754	14.2%	0.703	16,708	-1.0%
2000	26,314	10.8%	0.646	17,009	1.8%
2001	30,928	17.5%	0.589	18,225	7.1%
2002	31,143	0.7%	0.612	19,059	4.6%
2003	30,005	-3.7%	0.642	19,264	1.1%
2004	27,432	-8.6%	0.849	23,297	20.9%
2005	28,174	2.7%	0.849	23,927	2.7%
2006	30,662	8.8%	0.846	25,936	8.4%
2007	33,804	10.2%	0.830	28,061	8.2%
2008	36,161	7.0%	0.827	29,897	6.5%
2009	38,184	5.6%	0.823	31,444	5.2%
2010	38,086	-0.3%	0.821	31,270	-0.6%
2011	34,256 (c)	---	0.844	28,908 (c)	---
2012	31,998	-6.6%	0.889	28,455	-1.6%
2013	29,248	-8.6%	0.970	28,367	-0.3%
2014	28,415	-2.8%	1.032	29,324	3.4%
2015	27,748	-2.3%	1.056	29,312	0.0%
2016	26,742	-3.6%	1.058	28,306	-3.4%
2017	27,152	1.5%	1.058	28,740	1.5%
2018	28,486	4.9%	1.055	30,061	4.6%
2019	29,325	2.9%	1.044	30,609	1.8%
2020	31,030	5.8%	1.030	31,973	4.5%
2021	30,930	-0.3%	1.020	31,554	-1.3%
2022	31,953	3.3%	1.011	32,306	2.4%
2023	32,467	1.6%	1.009	32,760	1.4%

Selected Medical Severity Trend: 2.0%

- (a) Estimated ultimate severities for all accident years are derived by dividing ultimate medical losses on indemnity claims by ultimate indemnity claim counts. The estimated ultimate medical severities were derived from the projected ultimate loss ratios shown in Exhibit 3.4, column (7).
- (b) These adjustment factors are based on Exhibit 4.4, excluding the impact of frequency, and including the impact of 2021 changes to the Official Medical Fee Schedule and Medical-Legal Fee Schedule, applicable to outstanding medical losses.
- (c) Severities for accident years 2011 and subsequent do not reflect the cost of medical cost containment programs (MCCP). Severities for accident years 2010 and prior do reflect MCCP costs.

Source: WCIRB quarterly experience calls, excluding COVID-19 claims for accident years 2020 to 2023.

**Projection of Medical Severity Trends by Accident Year
Adjusted to Remove the Cost of Medical Cost Containment Programs (MCCP)
Based on Experience as of June 30, 2024**

(1) Accident Year	MCCP Included				MCCP Removed Based on WCIRB Aggregate Calendar Year Data Calls (b)			
	(2) Estimated Ultimate Severity (a)	(3) Annual % Change	(4) Ultimate On-Level Severity (c)	(5) Annual % Change	(6) Estimated Ultimate Severity (a)	(7) Annual % Change	(8) Ultimate On-Level Severity (c)	(9) Annual % Change
2005	28,174	---	23,927	---	27,139	---	23,048	---
2006	30,662	8.8%	25,936	8.4%	29,225	7.7%	24,721	7.3%
2007	33,804	10.2%	28,061	8.2%	32,083	9.8%	26,632	7.7%
2008	36,161	7.0%	29,897	6.5%	33,550	4.6%	27,738	4.2%
2009	38,184	5.6%	31,444	5.2%	35,582	6.1%	29,301	5.6%
2010	38,086	-0.3%	31,270	-0.6%	35,455	-0.4%	29,109	-0.7%
2011	36,922	-3.1%	31,158	-0.4%	34,256	-3.4%	28,908	-0.7%
2012	34,790	-5.8%	30,938	-0.7%	31,998	-6.6%	28,455	-1.6%
2013	31,982	-8.1%	31,018	0.3%	29,248	-8.6%	28,367	-0.3%
2014	31,052	-2.9%	32,045	3.3%	28,415	-2.8%	29,324	3.4%
2015	30,195	-2.8%	31,896	-0.5%	27,748	-2.3%	29,312	0.0%
2016	29,014	-3.9%	30,711	-3.7%	26,742	-3.6%	28,306	-3.4%
2017	29,420	1.4%	31,141	1.4%	27,152	1.5%	28,740	1.5%
2018	30,828	4.8%	32,533	4.5%	28,486	4.9%	30,061	4.6%
2019	31,708	2.9%	33,097	1.7%	29,325	2.9%	30,609	1.8%
2020	33,346	5.2%	34,358	3.8%	31,030	5.8%	31,973	4.5%
2021	33,324	-0.1%	33,996	-1.1%	30,930	-0.3%	31,554	-1.3%
2022	34,472	3.4%	34,853	2.5%	31,953	3.3%	32,306	2.4%
2023	35,415	2.7%	35,735	2.5%	32,467	1.6%	32,760	1.4%
Estimated Annual Exponential Trend								
Trend Based on 1990 to 2023:				4.5%	N/A			
Trend Based on 2005 to 2023:				1.5%	1.4%			
Trend Based on 2019 to 2023:				1.7%	1.5%			
Selected Medical Severity Trend:								2.0%

(a) Estimated ultimate severities for all accident years were derived by dividing ultimate medical losses on indemnity claims by ultimate indemnity claim counts.

(b) Adjustments to accident years 2005 through 2010 based on WCIRB's Annual Calls for Direct California Workers' Compensation Aggregate Indemnity and Medical Costs.

(c) Ultimate severities are on-leveled based on adjustment factors shown on Exhibit 6.3.

Source: WCIRB quarterly experience calls, excluding COVID-19 claims for accident years 2020 to 2023.

**Projected On-Level Accident Year
Indemnity Loss to Pure Premium Ratios
Based on Experience as of June 30, 2024**

Accident Year	(1) Developed Indemnity Loss Ratio (a)	(2) Composite Indemnity Adjustment Factor (b)	(3) Composite Premium Adjustment Factor (c)	(4) On-Level Indemnity to Pure Premium Ratio (1)×(2)÷(3)
1994	0.330	1.537	1.170	0.433
1995	0.476	1.423	1.536	0.441
1996	0.533	1.330	1.572	0.451
1997	0.601	1.191	1.526	0.469
1998	0.650	1.099	1.546	0.462
1999	0.681	1.018	1.469	0.472
2000	0.590	0.950	1.163	0.482
2001	0.492	0.951	0.994	0.471
2002	0.367	0.974	0.765	0.468
2003	0.245	0.971	0.542	0.440
2004	0.146	1.330	0.494	0.392
2005	0.125	1.802	0.553	0.406
2006	0.161	1.771	0.709	0.403
2007	0.222	1.707	0.905	0.419
2008	0.281	1.603	1.093	0.412
2009	0.329	1.572	1.179	0.438
2010	0.316	1.542	1.070	0.455
2011	0.293	1.521	0.979	0.456
2012	0.263	1.502	0.872	0.453
2013	0.223	1.469	0.762	0.430
2014	0.212	1.345	0.702	0.407
2015	0.207	1.326	0.671	0.410
2016	0.197	1.309	0.693	0.373
2017	0.203	1.275	0.726	0.357
2018	0.217	1.242	0.764	0.353
2019	0.257	1.209	0.848	0.366
2020	0.270	1.174	0.898	0.353
2021	0.311	1.131	0.936	0.376
2022	0.310	1.094	0.922	0.367
2023	0.315	1.060	0.939	0.356
				Projections (d)
2024				0.363
2025				0.363
9/1/2025				0.363

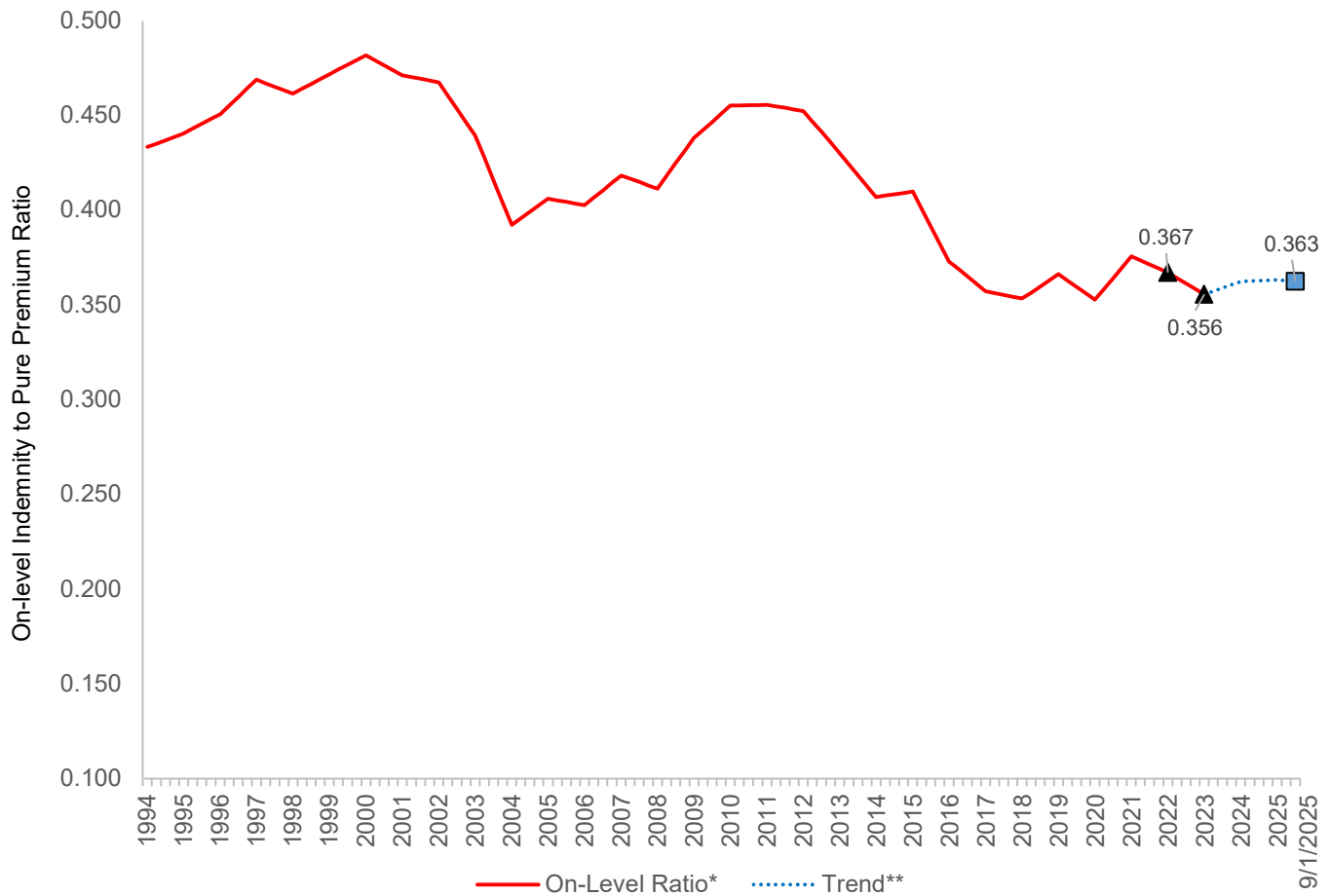
(a) See Exhibit 3.2.

(b) See Exhibit 4.1.

(c) See Exhibit 5.2.

(d) The trending projection is based on frequency and severity growth separately applied to the 2022 and 2023 on-level ratios. The frequency growth estimates are based on the intra-class frequency changes for accident year 2023 from Exhibit 12 and frequency model projections for accident years 2024 to 2026 from Exhibit 6.1. The annual indemnity severity growth estimates are from Exhibit 6.2.

**On-Level Indemnity Loss to Pure Premium Ratios
Based on Experience as of June 30, 2024**



* On-level indemnity to pure premium ratios (see Exhibit 7.1)

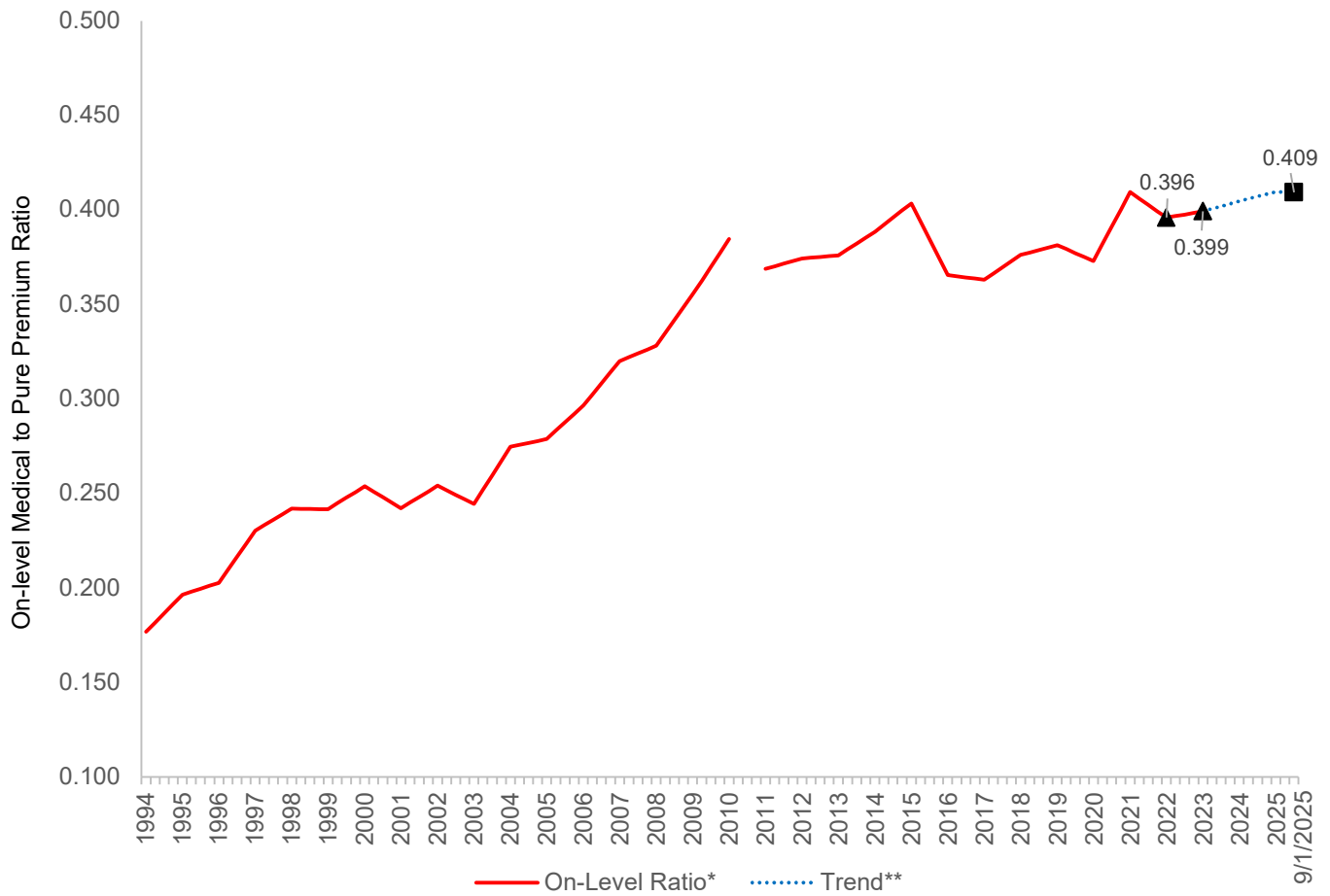
** The 9/1/2025 indemnity to pure premium ratio was calculated based on separate frequency and severity trends applied to the 2022 and 2023 years.

**Projected On-Level Accident Year
Medical Loss to Pure Premium Ratios
Based on Experience as of June 30, 2024**

Accident Year	(1) Developed Medical Loss Ratio (a)	(2) Composite Medical On-Level Factor (b)	(3) Composite Premium Adjustment Factor (c)	(4) On-Level Medical to Pure Premium Ratio (e) (1)×(2)÷(3)
1994	0.283	0.731	1.170	0.177
1995	0.419	0.721	1.536	0.197
1996	0.449	0.711	1.572	0.203
1997	0.499	0.704	1.526	0.230
1998	0.603	0.621	1.546	0.242
1999	0.660	0.538	1.469	0.242
2000	0.598	0.494	1.163	0.254
2001	0.534	0.451	0.994	0.242
2002	0.416	0.468	0.765	0.254
2003	0.270	0.491	0.542	0.244
2004	0.183	0.742	0.494	0.275
2005	0.179	0.862	0.553	0.279
2006	0.232	0.906	0.709	0.297
2007	0.326	0.889	0.905	0.320
2008	0.407	0.882	1.093	0.328
2009	0.481	0.870	1.179	0.355
2010	0.474	0.868	1.070	0.385
2011	0.409	0.883	0.979	0.369
2012	0.354	0.921	0.872	0.374
2013	0.300	0.957	0.762	0.376
2014	0.272	1.002	0.702	0.389
2015	0.260	1.042	0.671	0.404
2016	0.242	1.045	0.693	0.366
2017	0.252	1.047	0.726	0.363
2018	0.273	1.053	0.764	0.376
2019	0.309	1.046	0.848	0.381
2020	0.323	1.036	0.898	0.373
2021	0.370	1.035	0.936	0.410
2022	0.361	1.011	0.922	0.396
2023	0.372	1.009	0.939	0.399
				Projections (d)
2024				0.405
2025				0.410
9/1/2025				0.409

- (a) See Exhibit 3.4. Medical loss ratios for accident years 2011 and subsequent do not reflect the cost of medical cost containment programs (MCCP). Ratios for accident years 2010 and prior do reflect MCCP costs.
- (b) Based on Column (4) of Exhibit 4.4 for 2014 and prior and the average of Columns (4) and (5) of Exhibit 4.4 for 2015 and later.
- (c) See Exhibit 5.2.
- (d) The trending projection is based on frequency and severity growth separately applied to the 2022 and 2023 on-level ratios. The frequency growth estimates are based on the intra-class frequency changes for accident year 2023 from Exhibit 12 and frequency model projections for accident years 2024 to 2026 from Exhibit 6.1. The annual medical severity growth estimates are from Exhibit 6.4.
- (e) Accident years 2011 and subsequent do not reflect the paid MCCP costs. Accident years 2010 and prior do reflect paid MCCP costs.

**On-Level Medical Loss to Pure Premium Ratios
Based on Experience as of June 30, 2024**



* On-level medical to pure premium ratios (see Exhibit 7.3)

** The 9/1/2025 medical to pure premium ratio was calculated based on separate frequency and severity trends applied to the 2022 and 2023 years.

**Indicated Loss to Pure Premium Ratios
For Policies with Effective Dates between September 1, 2024 and August 31, 2025
Based on Experience as of June 30, 2024**

	<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
1. Projected Loss to Advisory Pure Premium Ratio (See Exhibits 7.1 and 7.3)	0.363	0.409	0.772

Quarterly Incurred Indemnity Loss Development Factors
Through June 30, 2024

Age in	Accident Year																					
Months	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
6/3	2.736	2.463	2.417	2.724	2.785	3.031	3.116	3.052	3.238	3.344	3.303	3.209	3.201	3.372	3.200	3.228	--	3.161	3.187	3.266	3.180	
9/6	1.776	1.618	1.656	1.776	1.820	1.848	1.904	2.001	1.966	1.940	1.960	1.948	1.945	1.874	1.998	2.017	--	1.968	1.912	1.976		
12/9	1.460	1.355	1.448	1.511	1.510	1.530	1.564	1.632	1.587	1.585	1.570	1.578	1.578	1.580	1.578	1.596	--	1.561	1.563	1.568		
15/12	1.180	1.149	1.189	1.234	1.248	1.293	1.306	1.306	1.303	1.301	1.301	1.313	1.309	1.298	1.298	1.295	1.261	1.293	1.298	1.309		
18/15	1.101	1.103	1.140	1.158	1.182	1.194	1.197	1.195	1.206	1.178	1.190	1.187	1.189	1.177	1.183	1.189	1.169	1.183	1.191	1.189		
21/18	1.066	1.096	1.117	1.128	1.139	1.153	1.140	1.146	1.141	1.141	1.132	1.137	1.134	1.138	1.123	1.128	1.122	1.134	1.137			
24/21	1.045	1.082	1.098	1.106	1.106	1.114	1.119	1.117	1.111	1.104	1.114	1.111	1.104	1.100	1.102	1.094	1.097	1.100	1.104			
27/24	1.045	1.070	1.082	1.081	1.088	1.089	1.091	1.085	1.087	1.081	1.082	1.087	1.079	1.078	1.071	1.073	1.079	1.078	1.075			
30/27	1.040	1.054	1.057	1.072	1.075	1.075	1.080	1.071	1.068	1.067	1.074	1.066	1.064	1.059	1.066	1.062	1.058	1.065	1.070			
33/30	1.036	1.042	1.049	1.053	1.059	1.052	1.064	1.053	1.060	1.047	1.055	1.050	1.047	1.047	1.045	1.045	1.045	1.050				
36/33	1.029	1.033	1.039	1.043	1.051	1.049	1.049	1.043	1.041	1.043	1.042	1.036	1.037	1.038	1.029	1.034	1.038	1.039				
39/36	1.027	1.029	1.031	1.033	1.040	1.039	1.039	1.041	1.035	1.031	1.036	1.030	1.028	1.028	1.027	1.029	1.030	1.030				
42/39	1.020	1.020	1.031	1.033	1.036	1.038	1.035	1.032	1.028	1.031	1.030	1.027	1.026	1.028	1.023	1.027	1.031	1.029				
45/42	1.018	1.024	1.026	1.028	1.030	1.035	1.027	1.033	1.022	1.024	1.024	1.024	1.021	1.016	1.015	1.022	1.026					
48/45	1.013	1.021	1.019	1.021	1.024	1.024	1.026	1.023	1.024	1.020	1.020	1.016	1.017	1.014	1.015	1.017	1.018					
51/48	1.010	1.018	1.021	1.018	1.022	1.023	1.021	1.018	1.017	1.015	1.019	1.015	1.014	1.013	1.014	1.016	1.015					
54/51	1.009	1.017	1.021	1.020	1.021	1.020	1.020	1.016	1.019	1.015	1.014	1.013	1.015	1.011	1.011	1.013	1.015					
57/54	1.011	1.018	1.017	1.014	1.018	1.017	1.015	1.014	1.013	1.011	1.014	1.011	1.009	1.009	1.009	1.012						
60/57	1.011	1.013	1.019	1.016	1.013	1.015	1.012	1.014	1.012	1.012	1.011	1.007	1.007	1.009	1.008	1.010						
63/60	1.010	1.014	1.013	1.015	1.011	1.014	1.014	1.009	1.012	1.008	1.010	1.007	1.007	1.008	1.008	1.009						
66/63	1.010	1.013	1.016	1.014	1.015	1.013	1.013	1.009	1.010	1.009	1.008	1.007	1.007	1.008	1.006	1.011						
69/66	1.011	1.012	1.011	1.010	1.009	1.012	1.007	1.010	1.010	1.007	1.006	1.007	1.005	1.006	1.008							
72/69	1.009	1.013	1.011	1.009	1.009	1.009	1.010	1.008	1.007	1.007	1.005	1.005	1.007	1.006	1.006							
75/72	1.007	1.010	1.011	1.010	1.010	1.008	1.007	1.004	1.006	1.007	1.004	1.006	1.005	1.004	1.003							
78/75	1.006	1.012	1.009	1.010	1.006	1.006	1.006	1.007	1.005	1.006	1.005	1.006	1.003	1.004	1.006							
81/78	1.006	1.010	1.009	1.007	1.007	1.006	1.006	1.007	1.005	1.005	1.003	1.003	1.003	1.004								
84/81	1.007	1.008	1.005	1.009	1.006	1.004	1.007	1.004	1.007	1.003	1.004	1.002	1.005	1.004								
87/84	1.007	1.010	1.007	1.004	1.005	1.006	1.004	1.006	1.004	1.003	1.002	1.001	1.003	1.002								
90/87	1.008	1.008	1.008	1.008	1.004	1.005	1.005	1.005	1.004	1.004	1.003	1.004	1.002	1.005								
93/90	1.006	1.008	1.006	1.007	1.006	1.003	1.004	1.005	1.004	1.003	1.004	1.002	1.003									
96/93	1.006	1.003	1.002	1.003	1.004	1.004	1.003	1.003	1.003	1.003	1.002	1.002	1.003									

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2022.

Quarterly Incurred Medical Loss Development Factors *

Through June 30, 2024

Age in	Accident Year																						
Months	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
6/3	2.671	2.530	2.584	2.662	2.782	2.892	2.992	2.757	2.853	2.843	2.921	2.863	3.019	3.209	2.891	2.830	--	2.871	2.928	2.906	2.749		
9/6	1.703	1.670	1.650	1.744	1.717	1.807	1.800	1.827	1.833	1.819	1.840	1.884	1.755	1.740	1.821	1.845	--	1.746	1.763	1.839			
12/9	1.400	1.375	1.453	1.443	1.466	1.454	1.488	1.521	1.484	1.500	1.482	1.451	1.487	1.448	1.459	1.470	--	1.429	1.455	1.469			
15/12	1.132	1.145	1.138	1.182	1.167	1.199	1.206	1.228	1.211	1.207	1.199	1.206	1.215	1.184	1.191	1.183	1.166	1.172	1.179	1.194			
18/15	1.086	1.087	1.103	1.106	1.126	1.135	1.129	1.141	1.136	1.117	1.114	1.094	1.095	1.087	1.096	1.100	1.092	1.103	1.112	1.113			
21/18	1.055	1.061	1.073	1.081	1.090	1.097	1.101	1.103	1.085	1.088	1.077	1.082	1.069	1.069	1.063	1.060	1.077	1.067	1.079				
24/21	1.040	1.052	1.070	1.074	1.067	1.074	1.080	1.080	1.067	1.064	1.055	1.059	1.057	1.046	1.044	1.052	1.054	1.058	1.068				
27/24	1.034	1.048	1.055	1.058	1.053	1.071	1.066	1.072	1.058	1.048	1.046	1.048	1.040	1.036	1.030	1.034	1.049	1.051	1.052				
30/27	1.039	1.049	1.046	1.054	1.057	1.048	1.063	1.052	1.046	1.037	1.044	1.037	1.032	1.028	1.036	1.037	1.041	1.042	1.050				
33/30	1.032	1.030	1.041	1.045	1.045	1.051	1.055	1.045	1.046	1.031	1.033	1.033	1.026	1.029	1.024	1.028	1.030	1.037					
36/33	1.024	1.034	1.042	1.033	1.042	1.040	1.041	1.037	1.028	1.026	1.027	1.021	1.021	1.020	1.016	1.021	1.024	1.030					
39/36	1.028	1.025	1.027	1.029	1.033	1.031	1.040	1.039	1.027	1.021	1.023	1.022	1.011	1.018	1.016	1.019	1.020	1.024					
42/39	1.017	1.020	1.025	1.035	1.036	1.037	1.037	1.031	1.022	1.026	1.022	1.017	1.010	1.015	1.014	1.017	1.024	1.024					
45/42	1.033	1.021	1.025	1.029	1.026	1.030	1.028	1.027	1.021	1.018	1.017	1.015	1.011	1.009	1.013	1.014	1.021						
48/45	1.025	1.018	1.022	1.025	1.029	1.034	1.022	1.023	1.020	1.018	1.014	1.008	1.012	1.008	1.011	1.013	1.016						
51/48	1.018	1.015	1.020	1.021	1.021	1.026	1.024	1.019	1.014	1.013	1.010	1.008	1.008	1.009	1.007	1.013	1.013						
54/51	1.021	1.019	1.022	1.022	1.027	1.023	1.019	1.018	1.015	1.011	1.009	1.009	1.012	1.005	1.009	1.012	1.012						
57/54	1.020	1.018	1.019	1.019	1.023	1.020	1.017	1.018	1.013	1.007	1.009	1.007	1.006	1.007	1.005	1.008							
60/57	1.020	1.019	1.018	1.017	1.019	1.016	1.015	1.014	1.012	1.007	1.007	1.005	1.005	1.007	1.009	1.008							
63/60	1.015	1.021	1.015	1.018	1.016	1.020	1.015	1.009	1.009	1.005	1.008	1.005	1.004	1.004	1.007	1.011							
66/63	1.015	1.022	1.019	1.018	1.017	1.015	1.010	1.008	1.008	1.006	1.010	1.006	1.005	1.009	1.006	1.005							
69/66	1.015	1.023	1.017	1.017	1.015	1.014	1.010	1.008	1.008	1.005	1.008	1.003	1.002	1.008	1.009								
72/69	1.014	1.015	1.013	1.014	1.012	1.011	1.010	1.007	1.005	1.005	1.002	1.003	1.005	1.003	1.007								
75/72	1.012	1.012	1.011	1.018	1.013	1.008	1.006	1.001	1.003	1.006	1.003	1.002	1.004	1.002	1.003								
78/75	1.018	1.013	1.012	1.012	1.010	1.008	1.008	1.006	1.005	1.003	1.005	1.003	1.003	1.002	1.002								
81/78	1.018	1.017	1.016	1.009	1.009	1.005	1.006	1.006	1.005	1.004	1.002	1.002	1.006	1.002									
84/81	1.012	1.011	1.008	1.010	1.008	1.007	1.005	1.001	1.003	1.002	1.002	0.999	1.000	1.003									
87/84	1.012	1.014	1.012	1.008	1.007	1.004	1.003	1.001	1.002	1.002	1.001	1.001	1.002	1.004									
90/87	1.009	1.009	1.013	1.008	1.006	1.006	1.003	1.006	1.006	1.001	1.004	1.001	1.000	1.005									
93/90	1.011	1.012	1.009	1.009	1.007	1.002	1.003	1.002	1.004	1.000	1.003	1.002	1.002										
96/93	1.011	1.009	1.005	1.006	1.005	1.003	1.002	1.001	1.003	1.002	1.002	1.001	1.001										

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2022.

* Incurred medical loss development factors include the paid cost of medical cost containment programs (MCCP) for accident years 2011 and prior.

Quarterly Paid Indemnity Loss Development Factors
Through June 30, 2024

Age in	Accident Year																					
Months	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
6/3	4.745	4.512	4.376	4.495	4.553	4.807	4.911	4.722	4.854	5.099	5.076	5.056	5.087	5.272	4.987	5.083	--	5.102	5.241	4.928	4.978	
9/6	2.399	2.303	2.259	2.375	2.377	2.398	2.452	2.432	2.484	2.462	2.462	2.484	2.456	2.446	2.538	2.505	--	2.440	2.433	2.415		
12/9	1.841	1.774	1.812	1.834	1.810	1.825	1.861	1.869	1.877	1.866	1.879	1.910	1.882	1.892	1.891	1.902	--	1.847	1.817	1.843		
15/12	1.491	1.456	1.482	1.488	1.481	1.507	1.532	1.539	1.506	1.539	1.540	1.559	1.571	1.544	1.527	1.522	1.509	1.503	1.505	1.504		
18/15	1.331	1.306	1.306	1.327	1.332	1.343	1.355	1.361	1.361	1.353	1.364	1.372	1.366	1.358	1.353	1.341	1.331	1.333	1.337	1.333		
21/18	1.241	1.217	1.233	1.235	1.243	1.259	1.257	1.261	1.261	1.263	1.267	1.264	1.256	1.260	1.248	1.258	1.239	1.236	1.239			
24/21	1.183	1.181	1.195	1.191	1.194	1.206	1.209	1.215	1.213	1.204	1.216	1.211	1.206	1.205	1.206	1.193	1.189	1.186	1.184			
27/24	1.140	1.142	1.151	1.149	1.153	1.162	1.165	1.168	1.164	1.159	1.170	1.176	1.161	1.159	1.152	1.154	1.148	1.142	1.148			
30/27	1.122	1.117	1.126	1.129	1.130	1.141	1.141	1.137	1.134	1.141	1.147	1.142	1.137	1.131	1.116	1.126	1.126	1.123	1.122			
33/30	1.097	1.096	1.100	1.101	1.108	1.114	1.116	1.112	1.111	1.111	1.115	1.107	1.104	1.105	1.103	1.101	1.101	1.102				
36/33	1.085	1.081	1.080	1.084	1.092	1.094	1.098	1.091	1.091	1.096	1.092	1.089	1.088	1.083	1.077	1.083	1.082	1.083				
39/36	1.070	1.066	1.064	1.067	1.074	1.078	1.077	1.073	1.075	1.074	1.075	1.071	1.068	1.064	1.066	1.066	1.067	1.064				
42/39	1.059	1.058	1.058	1.062	1.067	1.067	1.071	1.070	1.065	1.064	1.066	1.062	1.059	1.050	1.057	1.061	1.061	1.057				
45/42	1.047	1.049	1.047	1.051	1.058	1.059	1.057	1.055	1.054	1.052	1.050	1.050	1.045	1.044	1.045	1.050	1.050					
48/45	1.041	1.044	1.043	1.047	1.049	1.051	1.050	1.048	1.048	1.048	1.045	1.041	1.040	1.037	1.039	1.042	1.043					
51/48	1.033	1.036	1.036	1.037	1.042	1.042	1.043	1.039	1.038	1.038	1.039	1.035	1.031	1.031	1.031	1.033	1.036					
54/51	1.030	1.028	1.035	1.036	1.038	1.041	1.038	1.036	1.036	1.033	1.032	1.031	1.024	1.030	1.029	1.032	1.032					
57/54	1.025	1.028	1.030	1.032	1.033	1.033	1.032	1.033	1.028	1.027	1.028	1.025	1.024	1.024	1.025	1.026						
60/57	1.024	1.024	1.028	1.029	1.029	1.032	1.027	1.030	1.028	1.025	1.025	1.023	1.020	1.021	1.021	1.026						
63/60	1.019	1.021	1.023	1.025	1.025	1.024	1.026	1.025	1.025	1.021	1.021	1.018	1.016	1.017	1.019	1.019						
66/63	1.019	1.020	1.025	1.025	1.025	1.025	1.023	1.022	1.022	1.018	1.018	1.014	1.016	1.017	1.018	1.022						
69/66	1.016	1.021	1.020	1.020	1.020	1.022	1.020	1.019	1.022	1.017	1.014	1.013	1.015	1.015	1.016							
72/69	1.017	1.015	1.020	1.019	1.019	1.019	1.019	1.019	1.016	1.014	1.016	1.012	1.011	1.013	1.015							
75/72	1.013	1.015	1.019	1.018	1.016	1.016	1.017	1.015	1.014	1.012	1.012	1.011	1.012	1.011	1.010							
78/75	1.012	1.015	1.017	1.016	1.015	1.016	1.016	1.015	1.013	1.011	1.009	1.012	1.012	1.011	1.012							
81/78	1.012	1.015	1.015	1.016	1.015	1.015	1.013	1.012	1.011	1.010	1.008	1.009	1.009	1.010								
84/81	1.011	1.013	1.015	1.014	1.013	1.012	1.013	1.013	1.011	1.010	1.009	1.009	1.010	1.009								
87/84	1.009	1.012	1.014	1.013	1.010	1.012	1.010	1.011	1.010	1.007	1.006	1.008	1.008	1.007								
90/87	1.011	1.012	1.013	1.012	1.011	1.010	1.010	1.010	1.009	1.007	1.007	1.007	1.006	1.008								
93/90	1.012	1.011	1.011	1.012	1.010	1.010	1.009	1.009	1.008	1.007	1.006	1.006	1.008									
96/93	1.008	1.011	1.011	1.008	1.010	1.010	1.009	1.010	1.007	1.007	1.007	1.005	1.005									

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2022.

Quarterly Paid Medical Loss Development Factors *
Through June 30, 2024

Age in	Accident Year																					
Months	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
6/3	7.617	5.563	5.308	5.615	6.579	6.101	6.048	5.854	5.989	6.284	5.604	5.720	5.897	5.433	5.460	4.982	--	6.124	6.026	5.205	5.398	
9/6	2.483	2.236	2.348	2.381	2.348	2.375	2.361	2.327	2.398	2.498	2.428	2.287	2.326	2.248	2.351	2.287	--	2.232	2.353	2.322		
12/9	1.759	1.666	1.716	1.765	1.731	1.723	1.756	1.746	1.763	1.736	1.750	1.705	1.752	1.737	1.719	1.796	--	1.719	1.753	1.776		
15/12	1.437	1.423	1.429	1.444	1.413	1.429	1.445	1.472	1.446	1.443	1.460	1.454	1.479	1.434	1.426	1.433	1.436	1.437	1.455	1.467		
18/15	1.243	1.230	1.227	1.259	1.243	1.259	1.268	1.282	1.284	1.263	1.265	1.278	1.263	1.250	1.245	1.231	1.270	1.272	1.293	1.292		
21/18	1.153	1.151	1.163	1.173	1.170	1.178	1.182	1.187	1.192	1.193	1.192	1.189	1.173	1.170	1.173	1.170	1.190	1.192	1.204			
24/21	1.115	1.118	1.127	1.133	1.132	1.137	1.144	1.153	1.154	1.148	1.146	1.146	1.141	1.131	1.143	1.138	1.149	1.145	1.156			
27/24	1.090	1.093	1.106	1.107	1.110	1.112	1.119	1.120	1.123	1.122	1.122	1.124	1.111	1.111	1.108	1.114	1.117	1.117	1.128			
30/27	1.084	1.087	1.097	1.100	1.100	1.106	1.107	1.111	1.109	1.111	1.111	1.105	1.100	1.092	1.083	1.101	1.107	1.106	1.111			
33/30	1.071	1.065	1.081	1.083	1.086	1.092	1.094	1.093	1.094	1.090	1.089	1.082	1.082	1.077	1.078	1.084	1.088	1.092				
36/33	1.062	1.062	1.071	1.072	1.072	1.077	1.083	1.082	1.078	1.080	1.076	1.071	1.067	1.065	1.066	1.074	1.073	1.075				
39/36	1.053	1.056	1.057	1.059	1.061	1.066	1.071	1.066	1.069	1.065	1.064	1.061	1.055	1.054	1.054	1.061	1.064	1.062				
42/39	1.049	1.054	1.055	1.058	1.059	1.061	1.068	1.063	1.062	1.057	1.059	1.057	1.048	1.040	1.048	1.053	1.058	1.058				
45/42	1.040	1.047	1.048	1.049	1.054	1.053	1.056	1.056	1.053	1.051	1.045	1.044	1.042	1.039	1.043	1.049	1.047					
48/45	1.037	1.043	1.043	1.046	1.047	1.050	1.051	1.046	1.045	1.046	1.041	1.040	1.038	1.033	1.039	1.039	1.041					
51/48	1.033	1.037	1.036	1.036	1.039	1.041	1.043	1.040	1.039	1.038	1.037	1.032	1.031	1.027	1.027	1.033	1.036					
54/51	1.034	1.034	1.035	1.035	1.036	1.042	1.038	1.035	1.035	1.034	1.032	1.029	1.023	1.029	1.029	1.032	1.035					
57/54	1.029	1.031	1.034	1.031	1.033	1.038	1.034	1.034	1.031	1.028	1.026	1.025	1.023	1.023	1.025	1.026						
60/57	1.028	1.029	1.028	1.032	1.032	1.035	1.030	1.030	1.030	1.023	1.022	1.021	1.019	1.021	1.021	1.025						
63/60	1.024	1.024	1.024	1.024	1.027	1.027	1.026	1.027	1.025	1.021	1.022	1.019	1.018	1.017	1.018	1.022						
66/63	1.023	1.024	1.026	1.026	1.029	1.029	1.024	1.028	1.023	1.021	1.018	1.015	1.016	1.017	1.018	1.020						
69/66	1.021	1.023	1.023	1.021	1.024	1.024	1.022	1.020	1.020	1.017	1.016	1.014	1.016	1.020	1.018							
72/69	1.021	1.021	1.022	1.022	1.023	1.021	1.020	1.019	1.016	1.015	1.017	1.014	1.013	1.014	1.017							
75/72	1.018	1.020	1.019	1.019	1.018	1.018	1.018	1.015	1.015	1.013	1.014	1.011	1.012	1.011	1.012							
78/75	1.016	1.018	1.017	1.022	1.019	1.018	1.017	1.017	1.015	1.013	1.011	1.012	1.015	1.012	1.015							
81/78	1.018	1.018	1.015	1.019	1.018	1.015	1.015	1.013	1.012	1.011	1.009	1.010	1.010	1.010								
84/81	1.016	1.016	1.015	1.018	1.015	1.015	1.015	1.013	1.013	1.010	1.009	1.010	1.010	1.010								
87/84	1.014	1.013	1.015	1.017	1.013	1.013	1.011	1.012	1.010	1.008	1.008	1.008	1.009	1.008								
90/87	1.015	1.013	1.015	1.013	1.013	1.012	1.011	1.012	1.009	1.008	1.009	1.007	1.006	1.009								
93/90	1.013	1.012	1.014	1.014	1.013	1.011	1.010	1.009	1.010	1.006	1.007	1.007	1.008									
96/93	1.013	1.015	1.016	1.011	1.012	1.010	1.009	1.009	1.009	1.006	1.007	1.007	1.006									

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2022.

* Paid medical loss development factors include the paid cost of medical cost containment programs (MCCP) for accident years 2011 and prior.

Reported Indemnity Claim Count Development

Accident	Development															
Year	6-18	18-30	30-42	42-54	54-66	66-78	78-90	90-102	102-114	114-126	126-138	138-150	150-162	162-174	174-186	186-198
1999																1.000
2000															1.000	1.000
2001														1.000	1.000	1.000
2002													1.000	1.000	1.000	1.000
2003												1.000	1.000	1.000	1.000	1.000
2004											1.000	1.001	1.000	1.000	1.000	1.000
2005										1.000	1.001	1.000	1.000	1.000	1.000	1.000
2006									1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
2007								1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2008							1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2009						1.002	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2010					1.005	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
2011				1.009	1.006	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000			
2012			1.020	1.012	1.004	1.002	1.001	1.000	1.000	1.001	1.000	1.000				
2013		1.066	1.022	1.007	1.002	1.001	1.002	1.001	1.000	1.001	1.001					
2014	2.917	1.073	1.014	1.005	1.003	1.001	1.000	1.000	1.001	1.000						
2015	2.988	1.059	1.009	1.004	1.003	1.001	1.000	1.000	1.000							
2016	2.902	1.062	1.012	1.004	1.002	1.001	1.000	1.001								
2017	2.819	1.053	1.013	1.004	1.002	1.001	1.001									
2018	2.886	1.055	1.011	1.003	1.002	1.001										
2019	2.935	1.058	1.013	1.005	1.005											
2020	2.823	1.055	1.012	1.008												
2021	2.880	1.055	1.017													
2022	2.886	1.068														
2023	2.932															
	Latest Year															
Age-to-Age	2.932	1.068	1.017	1.008	1.005	1.001	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
Age-to-Ultimate	3.249	1.108	1.038	1.021	1.012	1.007	1.006	1.005	1.005	1.004	1.004	1.003	1.003	1.003	1.003	1.002

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2023.

Quarterly Reported Indemnity Claim Count Development Factors

Accident Year	Development														
	<u>3-6</u>	<u>6-9</u>	<u>9-12</u>	<u>12-15</u>	<u>15-18</u>	<u>18-21</u>	<u>21-24</u>	<u>24-27</u>	<u>27-30</u>	<u>30-33</u>	<u>33-36</u>	<u>36-39</u>	<u>39-42</u>	<u>42-45</u>	<u>45-48</u>
2012	2.688	1.708	1.407	1.124	1.037	1.021	1.015	1.011	1.008	1.005	1.005	1.003	1.004	1.003	1.001
2013	2.691	1.738	1.424	1.123	1.041	1.026	1.018	1.010	1.010	1.006	1.005	1.004	1.004	1.003	1.002
2014	2.749	1.727	1.420	1.123	1.050	1.028	1.018	1.012	1.010	1.007	1.004	1.004	1.003	1.007	1.001
2015	2.821	1.739	1.421	1.138	1.045	1.027	1.016	1.010	1.009	1.013	1.003	1.003	1.003	1.001	1.002
2016	2.778	1.723	1.421	1.130	1.045	1.037	1.015	1.010	1.008	1.004	1.003	1.003	1.003	1.002	1.002
2017	2.817	1.781	1.414	1.135	1.045	1.023	1.014	1.014	1.008	1.005	1.003	1.003	1.002	1.002	1.002
2018	2.733	1.717	1.410	1.149	1.047	1.027	1.018	1.012	1.010	1.006	1.004	1.002	1.002	1.002	1.001
2019	2.892	1.696	1.423	1.138	1.034	1.023	1.015	1.010	1.009	1.005	1.003	1.003	1.002	1.001	1.001
2020	2.519	1.869	1.281	1.131	1.042	1.024	1.014	1.009	1.007	1.004	1.003	1.003	1.002	1.002	1.000
2021	--	--	--	1.129	1.043	1.023	1.015	1.009	1.007	1.005	1.003	1.007			
2022	2.846	1.713	1.417	1.137	1.045	1.026	1.016	1.017							
2023	2.778	1.719	1.424	1.144	1.047										
2024	2.746														

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2023.

Reported Indemnity Claim Settlement Ratios

Accident	Evaluated as of (in months):																
Year	6	18	30	42	54	66	78	90	102	114	126	138	150	162	174	186	198
1999																	98.0%
2000																97.7%	97.9%
2001															96.8%	97.2%	97.5%
2002														96.6%	97.1%	97.5%	97.9%
2003													96.1%	96.7%	97.2%	97.7%	98.1%
2004												95.8%	96.4%	97.0%	97.5%	98.0%	98.3%
2005											95.0%	95.9%	96.7%	97.3%	97.8%	98.2%	98.5%
2006										93.7%	95.0%	96.0%	96.8%	97.4%	97.8%	98.2%	98.4%
2007									92.3%	94.1%	95.4%	96.4%	97.1%	97.7%	98.1%	98.4%	98.6%
2008								90.2%	92.8%	94.4%	95.6%	96.6%	97.3%	97.8%	98.0%	98.3%	98.5%
2009							86.6%	90.3%	92.7%	94.5%	95.9%	96.8%	97.4%	97.8%	98.1%	98.3%	
2010						83.3%	88.2%	91.5%	93.8%	95.3%	96.5%	97.2%	97.7%	98.1%	98.3%		
2011					77.8%	84.5%	89.1%	92.3%	94.6%	95.9%	96.8%	97.4%	97.8%	98.2%			
2012				69.7%	79.1%	85.8%	90.3%	93.3%	95.1%	96.3%	97.0%	97.5%	97.9%				
2013			57.0%	70.9%	81.0%	87.5%	91.6%	94.2%	95.7%	96.7%	97.3%	97.7%					
2014		39.8%	57.8%	72.5%	82.6%	88.7%	92.3%	94.4%	95.9%	96.7%	97.4%						
2015	15.2%	40.4%	60.0%	74.9%	84.6%	89.8%	92.6%	94.7%	96.0%	96.9%							
2016	15.7%	42.7%	62.6%	77.4%	85.6%	90.1%	92.9%	94.9%	96.1%								
2017	16.7%	45.0%	65.3%	78.3%	85.7%	90.1%	93.0%	94.9%									
2018	17.9%	45.5%	64.4%	76.8%	84.8%	89.7%	92.7%										
2019	18.0%	44.6%	61.9%	75.1%	83.8%	88.9%											
2020	18.2%	43.8%	61.3%	74.6%	83.2%												
2021	18.6%	46.4%	63.1%	75.5%													
2022	18.2%	45.9%	63.0%														
2023	19.4%	45.5%															
2024	19.8%																

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2024.

Estimated Ultimate Indemnity Claim Settlement Ratios

Accident	Evaluated as of (in months):																
Year	6	18	30	42	54	66	78	90	102	114	126	138	150	162	174	186	198
1999																	98.0%
2000																98.3%	98.5%
2001															96.7%	97.0%	97.4%
2002														96.5%	97.0%	97.4%	97.7%
2003													96.0%	96.6%	97.1%	97.5%	97.9%
2004												95.6%	96.3%	96.9%	97.4%	97.9%	98.1%
2005											94.9%	95.8%	96.6%	97.1%	97.6%	98.0%	98.3%
2006										93.5%	94.9%	95.9%	96.6%	97.2%	97.6%	98.0%	98.2%
2007									92.0%	93.9%	95.2%	96.1%	96.9%	97.5%	97.8%	98.1%	98.4%
2008								89.7%	92.4%	94.1%	95.3%	96.3%	97.0%	97.5%	97.8%	98.1%	98.3%
2009							86.1%	90.0%	92.5%	94.2%	95.6%	96.5%	97.1%	97.5%	97.8%	98.1%	
2010						82.5%	87.7%	91.1%	93.4%	95.0%	96.2%	96.9%	97.4%	97.8%	98.1%		
2011					76.8%	83.9%	88.7%	91.9%	94.2%	95.6%	96.4%	97.1%	97.5%	97.9%			
2012				68.2%	78.3%	85.2%	89.8%	92.9%	94.7%	95.9%	96.6%	97.2%	97.7%				
2013			54.8%	69.8%	80.2%	86.8%	91.0%	93.7%	95.3%	96.3%	97.0%	97.4%					
2014		36.1%	56.2%	71.5%	81.8%	88.1%	91.8%	94.0%	95.4%	96.3%	97.1%						
2015	4.7%	37.3%	58.7%	74.0%	83.8%	89.2%	92.2%	94.3%	95.6%	96.5%							
2016	5.0%	39.2%	61.0%	76.5%	84.9%	89.6%	92.4%	94.4%	95.7%								
2017	5.5%	41.6%	63.6%	77.3%	84.9%	89.4%	92.4%	94.4%									
2018	5.7%	42.1%	63.0%	75.9%	84.0%	89.0%	92.1%										
2019	5.6%	40.9%	60.1%	73.8%	82.7%	88.3%											
2020	5.9%	40.2%	59.4%	73.1%	82.2%												
2021	5.9%	42.3%	60.8%	74.0%													
2022	5.7%	41.5%	60.7%														
2023	6.0%	41.0%															
2024	6.1%																

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2024.

Quarterly Ultimate Settlement Ratios

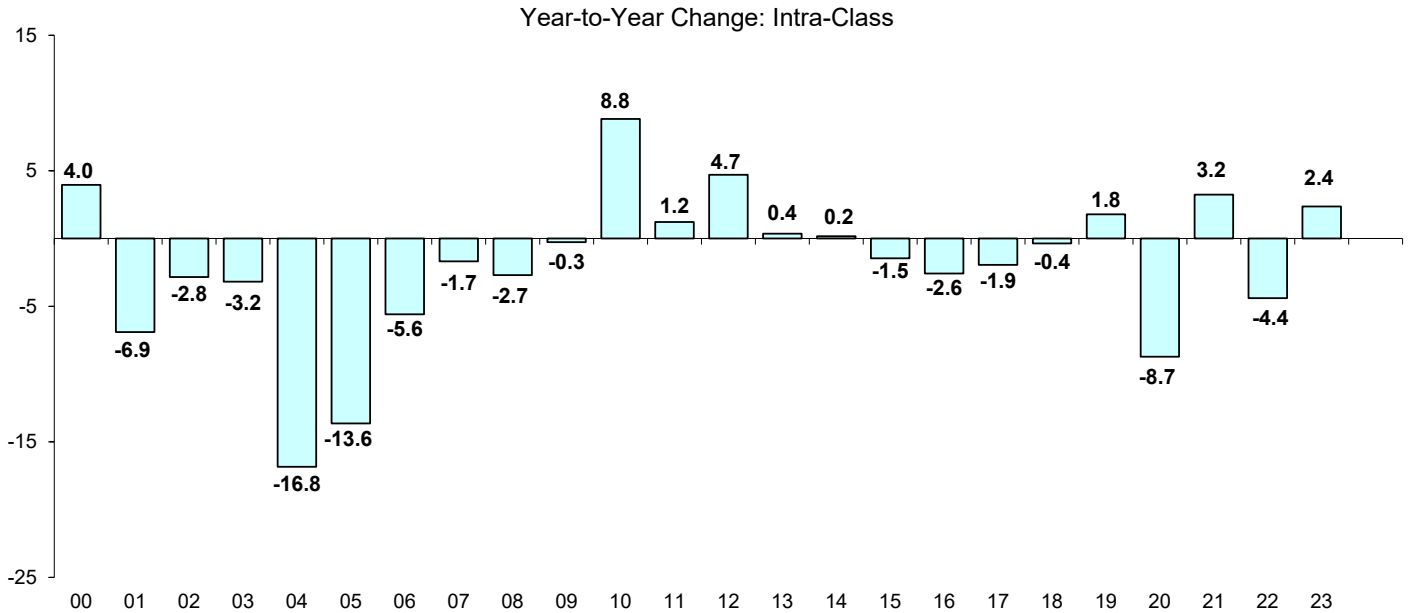
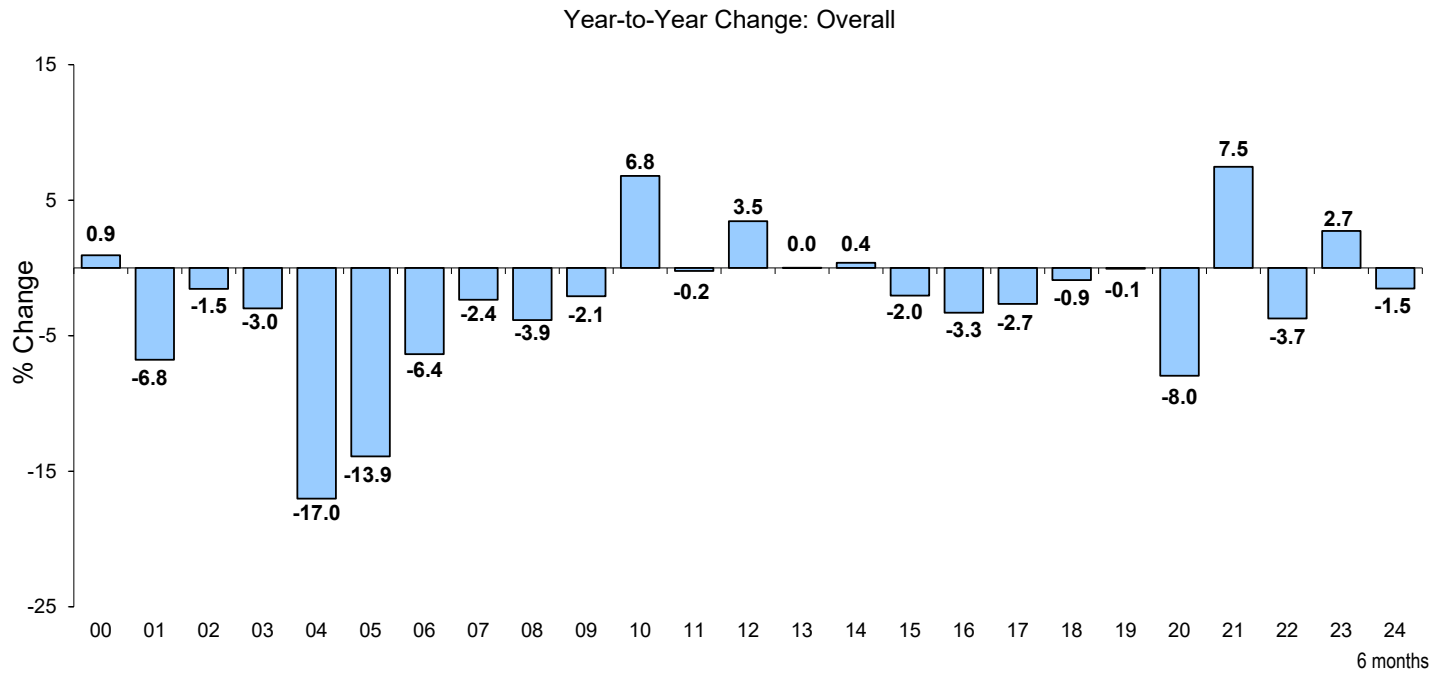
Accident Year	Evaluated as of (in months):															
	<u>3</u>	<u>6</u>	<u>9</u>	<u>12</u>	<u>15</u>	<u>18</u>	<u>21</u>	<u>24</u>	<u>27</u>	<u>30</u>	<u>33</u>	<u>36</u>	<u>39</u>	<u>42</u>	<u>45</u>	<u>48</u>
2015	0.8%	4.7%	11.9%	20.8%	30.0%	37.3%	43.1%	48.4%	53.7%	58.7%	63.2%	67.2%	70.7%	74.0%	77.1%	79.5%
2016	0.8%	5.0%	12.2%	21.7%	31.5%	39.2%	45.4%	51.1%	56.1%	61.0%	65.6%	69.7%	73.4%	76.5%	79.3%	81.6%
2017	0.8%	5.5%	13.3%	23.9%	33.9%	41.6%	48.1%	53.9%	58.9%	63.6%	68.1%	71.8%	75.0%	77.3%	79.8%	81.6%
2018	0.9%	5.7%	13.8%	24.4%	34.4%	42.1%	48.5%	54.1%	59.1%	63.0%	66.8%	70.1%	73.2%	75.9%	78.4%	80.4%
2019	1.0%	5.6%	13.6%	24.2%	34.4%	40.9%	46.6%	51.5%	55.8%	60.1%	64.2%	67.7%	70.8%	73.8%	76.8%	79.1%
2020	1.1%	5.9%	--	--	32.7%	40.2%	45.8%	50.9%	54.9%	59.4%	63.8%	67.5%	70.3%	73.1%	76.2%	78.4%
2021	0.7%	5.9%	14.1%	24.5%	34.7%	42.3%	48.3%	53.1%	57.0%	60.8%	65.2%	68.5%	71.3%	74.0%		
2022	0.8%	5.7%	14.2%	24.6%	34.4%	41.5%	48.1%	52.8%	56.9%	60.7%						
2023	1.0%	6.0%	14.3%	24.7%	33.8%	41.0%										
2024	1.1%	6.1%														

Accident Year	Quarterly Incremental Change														
	<u>3-6</u>	<u>6-9</u>	<u>9-12</u>	<u>12-15</u>	<u>15-18</u>	<u>18-21</u>	<u>21-24</u>	<u>24-27</u>	<u>27-30</u>	<u>30-33</u>	<u>33-36</u>	<u>36-39</u>	<u>39-42</u>	<u>42-45</u>	<u>45-48</u>
2015	3.9%	7.2%	8.9%	9.3%	7.3%	5.8%	5.3%	5.2%	5.0%	4.5%	3.9%	3.6%	3.3%	3.1%	2.5%
2016	4.2%	7.2%	9.5%	9.8%	7.7%	6.2%	5.7%	5.0%	5.0%	4.6%	4.1%	3.7%	3.1%	2.8%	2.3%
2017	4.7%	7.8%	10.6%	10.0%	7.7%	6.5%	5.8%	5.1%	4.7%	4.4%	3.7%	3.2%	2.3%	2.5%	1.8%
2018	4.8%	8.0%	10.6%	10.1%	7.7%	6.4%	5.5%	5.0%	3.9%	3.8%	3.3%	3.0%	2.7%	2.5%	2.0%
2019	4.7%	7.9%	10.7%	10.2%	6.5%	5.7%	4.9%	4.3%	4.3%	4.1%	3.5%	3.1%	3.0%	3.0%	2.3%
2020	--	--	--	--	7.6%	5.6%	5.0%	4.1%	4.4%	4.5%	3.6%	2.8%	2.8%	3.1%	2.2%
2021	5.2%	8.2%	10.3%	10.2%	7.6%	6.0%	4.7%	3.9%	3.8%	4.4%	3.3%	2.9%	2.7%		
2022	4.9%	8.5%	10.4%	9.8%	7.1%	6.7%	4.7%	4.1%	3.8%						
2023	4.9%	8.4%	10.4%	9.1%	7.2%										
2024	5.0%														

Notes All figures in each accident year contain information from the same combination of insurers, all of whom submitted complete data for all evaluations for that accident year. Therefore, each accident year may contain a different mix of insurers (ranging from 90% to 99% of the total California workers' compensation insured market measured using 2023 earned premium levels).

Source: WCIRB accident year experience calls, excluding COVID-19 claims for Accident Years 2020 through 2024.

California Workers' Compensation Estimated Indemnity Claim Frequency by Accident Year



Note:

The 2023 and 2024 estimates are based on a comparison of claim counts based on WCIRB accident year experience as of June 30, 2024 relative to the estimated change in statewide employment. Prior years are based on unit statistical data. Experience excludes COVID-19 claims.

Summary of COVID-19 Claim Information as of March 31, 2024

Summary of COVID-19 Claim Information as of June 30, 2024

AY2020 @6/30/2024	Based on 95% of the Market			Average per Indemnity Claim			Average per Total Claim		
	COVID-19 Claims	1Q-2024 Data Call	COVID-19 Percentage	COVID-19 Claims	All WC Claims	Without COVID-19 Claims	COVID-19 Claims	All WC Claims	Without COVID-19 Claims
Ind. Paid	149,838,969	2,756,043,800	5.4%	\$8,808	\$19,109	\$20,487	\$5,873	\$8,112	\$8,293
<u>Ind. Reserves</u>	<u>51,801,927</u>	<u>543,407,018</u>	<u>9.5%</u>	<u>\$3,045</u>	<u>\$3,768</u>	<u>\$3,864</u>	<u>\$2,030</u>	<u>\$1,599</u>	<u>\$1,564</u>
Ind. Incurred	201,640,896	3,299,450,818	6.1%	\$11,853	\$22,877	\$24,351	\$7,903	\$9,711	\$9,858
Med. Paid	108,560,246	2,902,434,253	3.7%	\$6,381	\$20,124	\$21,962	\$4,255	\$8,542	\$8,891
<u>Med. Reserves</u>	<u>57,653,964</u>	<u>732,378,473</u>	<u>7.9%</u>	<u>\$3,389</u>	<u>\$5,078</u>	<u>\$5,304</u>	<u>\$2,260</u>	<u>\$2,156</u>	<u>\$2,147</u>
Med. Incurred	166,214,210	3,634,812,726	4.6%	\$9,770	\$25,202	\$27,266	\$6,514	\$10,698	\$11,038
ALAE Paid	42,297,333	1,163,698,078	3.6%	\$2,486	\$8,069	\$8,815	\$1,658	\$3,425	\$3,568
MCCP	6,881,330	221,817,076	3.1%	\$404	\$1,538	\$1,690	\$270	\$653	\$684
Paid on Med-Only Claims	7,557,918	260,250,901	2.9%						
Ind. Paid on Open Ind. Claims	149,838,969	2,756,043,800	5.4%						
Med. Paid on Open Ind. Claims	51,801,927	543,407,018	9.5%						
AY2020 Claim Counts									
# of Open Indemnity Claims	804	22,420	3.6%						
# of Med-Only Claims	8,503	195,541	4.3%						
# of Indemnity Claims	17,012	144,227	11.8%						
Total Number of Claims	25,515	339,768	7.5%						

AY2021 @6/30/2024	Based on 95% of the Market			Average per Indemnity Claim			Average per Total Claim		
	COVID-19 Claims	1Q-2024 Data Call	COVID-19 Percentage	COVID-19 Claims	All WC Claims	Without COVID-19 Claims	COVID-19 Claims	All WC Claims	Without COVID-19 Claims
Ind. Paid	43,511,387	2,523,830,814	1.7%	\$6,316	\$17,091	\$17,619	\$4,291	\$6,893	\$6,968
<u>Ind. Reserves</u>	<u>20,813,012</u>	<u>734,968,509</u>	<u>2.8%</u>	<u>\$3,021</u>	<u>\$4,977</u>	<u>\$5,073</u>	<u>\$2,052</u>	<u>\$2,007</u>	<u>\$2,006</u>
Ind. Incurred	64,324,399	3,258,799,323	2.0%	\$9,337	\$22,068	\$22,691	\$6,343	\$8,901	\$8,974
Med. Paid	29,798,600	2,678,596,365	1.1%	\$4,326	\$18,139	\$18,815	\$2,938	\$7,316	\$7,441
<u>Med. Reserves</u>	<u>22,148,223</u>	<u>998,638,429</u>	<u>2.2%</u>	<u>\$3,215</u>	<u>\$6,763</u>	<u>\$6,936</u>	<u>\$2,184</u>	<u>\$2,728</u>	<u>\$2,743</u>
Med. Incurred	51,946,823	3,677,234,794	1.4%	\$7,541	\$24,902	\$25,752	\$5,122	\$10,044	\$10,184
ALAE Paid	13,193,359	1,047,664,121	1.3%	\$1,915	\$7,095	\$7,348	\$1,301	\$2,861	\$2,906
MCCP	2,011,049	214,376,260	0.9%	\$292	\$1,452	\$1,509	\$198	\$586	\$597
Paid on Med-Only Claims	3,027,726	278,903,053	1.1%						
Ind. Paid on Open Ind. Claims	43,511,387	2,523,830,814	1.7%						
Med. Paid on Open Ind. Claims	20,813,012	734,968,509	2.8%						
AY2021 Claim Counts									
# of Open Indemnity Claims	398	35,147	1.1%						
# of Med-Only Claims	3,252	218,457	1.5%						
# of Indemnity Claims	6,889	147,668	4.7%						
Total Number of Claims	10,141	366,125	2.8%						

AY2022 @6/30/2024	Based on 95% of the Market			Average per Indemnity Claim			Average per Total Claim		
	COVID-19 Claims	1Q-2024 Data Call	COVID-19 Percentage	COVID-19 Claims	All WC Claims	Without COVID-19 Claims	COVID-19 Claims	All WC Claims	Without COVID-19 Claims
Ind. Paid	10,506,238	2,103,083,264	0.5%	\$1,851	\$13,644	\$14,095	\$1,173	\$5,559	\$5,665
<u>Ind. Reserves</u>	<u>6,165,607</u>	<u>987,708,349</u>	<u>0.6%</u>	<u>\$1,086</u>	<u>\$6,408</u>	<u>\$6,611</u>	<u>\$689</u>	<u>\$2,611</u>	<u>\$2,657</u>
Ind. Incurred	16,671,845	3,090,791,613	0.5%	\$2,937	\$20,051	\$20,706	\$1,862	\$8,169	\$8,322
Med. Paid	6,087,800	2,226,093,418	0.3%	\$1,073	\$14,442	\$14,953	\$680	\$5,884	\$6,010
<u>Med. Reserves</u>	<u>5,075,016</u>	<u>1,336,581,129</u>	<u>0.4%</u>	<u>\$894</u>	<u>\$8,671</u>	<u>\$8,968</u>	<u>\$567</u>	<u>\$3,533</u>	<u>\$3,605</u>
Med. Incurred	11,162,816	3,562,674,547	0.3%	\$1,967	\$23,113	\$23,921	\$1,247	\$9,416	\$9,614
ALAE Paid	4,098,582	882,551,922	0.5%	\$722	\$5,726	\$5,917	\$458	\$2,333	\$2,378
MCCP	601,937	181,254,355	0.3%	\$106	\$1,176	\$1,217	\$67	\$479	\$489
Paid on Med-Only Claims	1,055,219	274,869,487	0.4%						
Ind. Paid on Open Ind. Claims	10,506,238	2,103,083,264	0.5%						
Med. Paid on Open Ind. Claims	6,165,607	987,708,349	0.6%						
AY2022 Claim Counts									
# of Open Indemnity Claims	235	55,590	0.4%						
# of Med-Only Claims	3,277	224,205	1.5%						
# of Indemnity Claims	5,676	154,143	3.7%						
Total Number of Claims	8,953	378,348	2.4%						

Source: WCIRB quarterly calls for experience.

Summary of COVID-19 Claim Information as of March 31, 2024

AY2023 @6/30/2024	Based on 95% of the Market			Average per Indemnity Claim			Average per Total Claim		
	COVID-19 Claims	1Q-2024 Data Call	COVID-19 Percentage	COVID-19 Claims	All WC Claims	Without COVID-19 Claims	COVID-19 Claims	All WC Claims	Without COVID-19 Claims
Ind. Paid	3,162,696	1,162,365,209	0.3%	\$1,194	\$7,899	\$8,022	\$981	\$3,213	\$3,233
<u>Ind. Reserves</u>	<u>1,432,685</u>	<u>1,045,913,681</u>	<u>0.1%</u>	<u>\$541</u>	<u>\$7,108</u>	<u>\$7,228</u>	<u>\$444</u>	<u>\$2,891</u>	<u>\$2,913</u>
Ind. Incurred	4,595,381	2,208,278,890	0.2%	\$1,735	\$15,007	\$15,250	\$1,425	\$6,104	\$6,146
Med. Paid	551,350	1,349,322,025	0.0%	\$208	\$9,170	\$9,334	\$171	\$3,730	\$3,762
<u>Med. Reserves</u>	<u>1,438,676</u>	<u>1,592,274,150</u>	<u>0.1%</u>	<u>\$543</u>	<u>\$10,821</u>	<u>\$11,009</u>	<u>\$446</u>	<u>\$4,401</u>	<u>\$4,437</u>
Med. Incurred	1,990,026	2,941,596,175	0.1%	\$751	\$19,990	\$20,343	\$617	\$8,131	\$8,199
ALAE Paid	575,134	501,147,477	0.1%	\$217	\$3,406	\$3,464	\$178	\$1,385	\$1,396
MCCP	132,235	123,637,830	0.1%	\$50	\$840	\$855	\$41	\$342	\$344
Paid on Med-Only Claims	95,651	252,038,083	0.0%						
Ind. Paid on Open Ind. Claims	3,162,696	1,162,365,209	0.3%						
Med. Paid on Open Ind. Claims	1,432,685	1,045,913,681	0.1%						
<u>AY2023 Claim Counts</u>									
# of Open Indemnity Claims	103	79,360	0.1%						
# of Med-Only Claims	576	214,624	0.3%						
# of Indemnity Claims	2,649	147,150	1.8%						
Total Number of Claims	3,225	361,774	0.9%						

AY2024 @6/30/2024	Based on 95% of the Market			Average per Indemnity Claim			Average per Total Claim		
	COVID-19 Claims	1Q-2024 Data Call	COVID-19 Percentage	COVID-19 Claims	All WC Claims	Without COVID-19 Claims	COVID-19 Claims	All WC Claims	Without COVID-19 Claims
Ind. Paid	69,270	131,736,057	0.1%	\$545	\$2,645	\$2,650	\$275	\$1,018	\$1,019
<u>Ind. Reserves</u>	<u>69,656</u>	<u>360,479,349</u>	<u>0.0%</u>	<u>\$548</u>	<u>\$7,237</u>	<u>\$7,254</u>	<u>\$276</u>	<u>\$2,785</u>	<u>\$2,790</u>
Ind. Incurred	138,926	492,215,406	0.0%	\$1,094	\$9,882	\$9,905	\$551	\$3,803	\$3,810
Med. Paid	19,950	197,378,309	0.0%	\$157	\$3,963	\$3,972	\$79	\$1,525	\$1,528
<u>Med. Reserves</u>	<u>180,433</u>	<u>729,099,114</u>	<u>0.0%</u>	<u>\$1,421</u>	<u>\$14,638</u>	<u>\$14,672</u>	<u>\$716</u>	<u>\$5,634</u>	<u>\$5,643</u>
Med. Incurred	200,383	926,477,423	0.0%	\$1,578	\$18,601	\$18,644	\$795	\$7,159	\$7,171
ALAE Paid	20,412	43,289,077	0.0%	\$161	\$869	\$871	\$81	\$334	\$335
MCCP	3,694	17,323,216	0.0%	\$29	\$348	\$349	\$15	\$134	\$134
Paid on Med-Only Claims	8,767	59,036,708	0.0%						
Ind. Paid on Open Ind. Claims	69,270	131,736,057	0.1%						
Med. Paid on Open Ind. Claims	69,656	360,479,349	0.0%						
<u>AY2024 Claim Counts</u>									
# of Open Indemnity Claims	37	40,050	0.1%						
# of Med-Only Claims	125	79,612	0.2%						
# of Indemnity Claims	127	49,809	0.3%						
Total Number of Claims	252	129,421	0.2%						

Source: WCIRB quarterly calls for experience.

Average Paid ALAE per Reported Indemnity Claim - Private Insurers

As of June 30, 2024

Accident	Evaluated as of (in months):									
<u>Year</u>	<u>6</u>	<u>18</u>	<u>30</u>	<u>42</u>	<u>54</u>	<u>66</u>	<u>78</u>	<u>90</u>	<u>102</u>	<u>114</u>
2002							5,765	6,142	6,358	6,536
2003						5,665	6,151	6,458	6,704	6,911
2004					4,742	5,345	5,779	6,094	6,336	6,535
2005				3,543	4,389	4,977	5,408	5,749	6,034	6,228
2006			2,523	3,683	4,534	5,169	5,659	6,006	6,279	6,527
2007		1,233	2,711	3,916	4,844	5,553	6,127	6,522	6,845	7,093
2008	249	1,370	2,899	4,302	5,345	6,163	6,734	7,205	7,546	7,786
2009	298	1,503	3,263	4,802	5,988	6,837	7,519	8,012	8,354	8,612
2010	290	1,581	3,427	4,946	6,084	6,950	7,627	8,074	8,390	8,618
2011	275	1,600	3,382	4,878	6,072	7,008	7,607	8,009	8,312	8,528
2012	271	1,606	3,475	5,096	6,323	7,149	7,678	8,049	8,356	8,523
2013	297	1,721	3,758	5,341	6,443	7,152	7,639	7,993	8,192	8,330
2014	312	1,910	3,951	5,487	6,496	7,149	7,629	7,904	8,092	8,220
2015	357	2,001	4,047	5,494	6,441	7,076	7,443	7,700	7,874	8,154
2016	348	2,054	4,084	5,529	6,455	6,991	7,368	7,629	7,974	
2017	375	2,122	4,190	5,547	6,370	6,907	7,276	7,724		
2018	412	2,251	4,335	5,702	6,622	7,225	7,842			
2019	419	2,286	4,306	5,775	6,725	7,548				
2020	428	2,292	4,444	5,964	7,120					
2021	400	2,162	4,259	5,841						
2022	421	2,373	4,704							
2023	464	2,575								
2024	528									

	Annual Change									
<u>Year</u>	<u>6</u>	<u>18</u>	<u>30</u>	<u>42</u>	<u>54</u>	<u>66</u>	<u>78</u>	<u>90</u>	<u>102</u>	<u>114</u>
2003							6.7%	5.1%	5.4%	5.7%
2004						-5.6%	-6.1%	-5.6%	-5.5%	-5.4%
2005					-7.4%	-6.9%	-6.4%	-5.7%	-4.8%	-4.7%
2006				4.0%	3.3%	3.9%	4.7%	4.5%	4.1%	4.8%
2007			7.4%	6.3%	6.8%	7.4%	8.3%	8.6%	9.0%	8.7%
2008		11.1%	6.9%	9.9%	10.3%	11.0%	9.9%	10.5%	10.3%	9.8%
2009	19.8%	9.7%	12.5%	11.6%	12.0%	10.9%	11.7%	11.2%	10.7%	10.6%
2010	-2.6%	5.2%	5.0%	3.0%	1.6%	1.7%	1.4%	0.8%	0.4%	0.1%
2011	-5.4%	1.2%	-1.3%	-1.4%	-0.2%	0.8%	-0.3%	-0.8%	-0.9%	-1.0%
2012	-1.3%	0.4%	2.8%	4.5%	4.1%	2.0%	0.9%	0.5%	0.5%	-0.1%
2013	9.4%	7.2%	8.1%	4.8%	1.9%	0.0%	-0.5%	-0.7%	-2.0%	-2.3%
2014	5.3%	11.0%	5.1%	2.7%	0.8%	0.0%	-0.1%	-1.1%	-1.2%	-1.3%
2015	14.3%	4.8%	2.4%	0.1%	-0.9%	-1.0%	-2.4%	-2.6%	-2.7%	-0.8%
2016	-2.6%	2.6%	0.9%	0.6%	0.2%	-1.2%	-1.0%	-0.9%	1.3%	
2017	7.7%	3.3%	2.6%	0.3%	-1.3%	-1.2%	-1.3%	1.2%		
2018	9.9%	6.1%	3.5%	2.8%	4.0%	4.6%	7.8%			
2019	1.8%	1.6%	-0.7%	1.3%	1.6%	4.5%				
2020	2.1%	0.3%	3.2%	3.3%	5.9%					
2021	-6.6%	-5.7%	-4.2%	-2.1%						
2022	5.3%	9.8%	10.4%							
2023	10.2%	8.5%								
2024	13.8%									

Source: WCIRB accident year experience calls excluding COVID-19 claims for accident years 2020 to 2024.

Paid Allocated Loss Adjustment Expense Development - Private Insurers
As of June 30, 2024

Accident	Age-to-Age Development (in months):															
Year	18-30	30-42	42-54	54-66	66-78	78-90	90-102	102-114	114-126	126-138	138-150	150-162	162-174	174-186	186-198	198-210
1997	2.424	1.511	1.194	1.112	1.081	1.064	1.051	1.040	1.033	1.025	1.020	1.016	1.013	1.013	1.011	1.009
1998	2.618	1.463	1.229	1.139	1.102	1.083	1.055	1.041	1.028	1.023	1.020	1.018	1.014	1.013	1.011	1.011
1999	2.514	1.559	1.256	1.152	1.111	1.076	1.058	1.039	1.033	1.027	1.020	1.018	1.015	1.013	1.011	1.011
2000	2.801	1.593	1.262	1.166	1.110	1.079	1.051	1.042	1.030	1.024	1.020	1.018	1.015	1.013	1.013	1.010
2001	3.053	1.597	1.291	1.156	1.108	1.075	1.052	1.034	1.028	1.023	1.019	1.016	1.017	1.014	1.010	1.009
2002	2.790	1.592	1.261	1.153	1.102	1.064	1.040	1.031	1.025	1.020	1.017	1.016	1.013	1.011	1.009	1.007
2003	2.931	1.550	1.267	1.155	1.089	1.057	1.042	1.032	1.028	1.022	1.019	1.017	1.012	1.009	1.007	1.007
2004	2.785	1.573	1.283	1.149	1.090	1.064	1.045	1.033	1.029	1.024	1.019	1.014	1.011	1.009	1.008	1.005
2005	2.746	1.599	1.285	1.157	1.104	1.072	1.052	1.042	1.032	1.027	1.019	1.016	1.012	1.011	1.008	1.006
2006	2.878	1.591	1.278	1.165	1.108	1.075	1.056	1.043	1.032	1.023	1.018	1.013	1.010	1.008	1.006	1.005
2007	2.902	1.570	1.291	1.173	1.116	1.081	1.054	1.042	1.029	1.021	1.017	1.012	1.010	1.007	1.005	1.005
2008	2.832	1.621	1.311	1.177	1.115	1.077	1.055	1.037	1.027	1.020	1.015	1.011	1.008	1.007	1.006	
2009	3.005	1.623	1.302	1.178	1.112	1.076	1.049	1.034	1.025	1.018	1.013	1.009	1.007	1.006		
2010	2.944	1.591	1.295	1.166	1.108	1.068	1.044	1.030	1.022	1.016	1.008	1.007	1.006			
2011	2.943	1.596	1.296	1.168	1.096	1.065	1.042	1.027	1.015	1.012	1.009	1.008				
2012	3.044	1.603	1.286	1.153	1.092	1.054	1.039	1.021	1.015	1.012	1.009					
2013	2.999	1.552	1.253	1.136	1.077	1.049	1.026	1.018	1.013	1.011						
2014	2.881	1.508	1.234	1.120	1.072	1.041	1.024	1.017	1.013							
2015	2.780	1.477	1.211	1.112	1.061	1.035	1.023	1.019								
2016	2.781	1.466	1.200	1.100	1.055	1.036	1.027									
2017	2.684	1.426	1.184	1.087	1.055	1.041										
2018	2.594	1.418	1.166	1.094	1.060											
2019	2.544	1.361	1.171	1.101												
2020	2.061	1.362	1.190													
2021	2.093	1.385														
2022	2.106															

<u>Latest Year</u>																
Age-to-Age	2.106	1.385	1.190	1.101	1.060	1.041	1.027	1.019	1.013	1.011	1.009	1.008	1.006	1.006	1.006	1.005
Cumulative	5.036	2.391	1.726	1.451	1.318	1.243	1.194	1.163	1.141	1.126	1.114	1.104	1.095	1.088	1.081	1.075

<u>3-Year Arithmetic Average</u>																
Age-to-Age	2.087	1.369	1.176	1.094	1.057	1.037	1.025	1.018	1.014	1.012	1.009	1.008	1.007	1.006	1.006	1.005
Cumulative	4.805	2.303	1.682	1.430	1.307	1.237	1.192	1.164	1.143	1.128	1.115	1.105	1.096	1.088	1.081	1.075

Accident	Age-to-Age Development (in months):															
Year	210-222	222-234	234-246	246-258	258-270	270-282	282-294	294-306	306-318	318-330	330-342	342-354	354-366	366-378	378-390	390-402
1991	1.003	1.002	1.003	1.003	1.003	1.003	1.003	1.002	1.003	1.003	1.002	1.002	1.002	1.001	1.001	1.001
1992	1.003	1.004	1.004	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.002	1.002	1.001	1.001	
1993	1.006	1.007	1.006	1.006	1.005	1.005	1.005	1.004	1.004	1.003	1.003	1.002	1.002	1.002		
1994	1.007	1.007	1.006	1.007	1.005	1.005	1.004	1.004	1.003	1.003	1.002	1.002	1.002			
1995	1.009	1.009	1.008	1.007	1.008	1.006	1.006	1.005	1.004	1.003	1.002	1.003				
1996	1.009	1.008	1.008	1.006	1.005	1.006	1.005	1.003	1.003	1.003	1.003					
1997	1.008	1.008	1.007	1.006	1.006	1.005	1.004	1.003	1.003	1.003						
1998	1.011	1.009	1.008	1.006	1.005	1.004	1.003	1.003	1.002							
1999	1.009	1.007	1.007	1.005	1.004	1.003	1.002	1.003								
2000	1.008	1.007	1.006	1.004	1.004	1.003	1.002									
2001	1.007	1.007	1.004	1.004	1.003	1.003										
2002	1.007	1.005	1.004	1.003	1.003											
2003	1.006	1.004	1.003	1.003												
2004	1.005	1.003	1.004													
2005	1.005	1.005														
2006	1.004															

<u>Latest Year</u>																
Age-to-Age	1.004	1.005	1.004	1.003	1.003	1.003	1.002	1.003	1.002	1.003	1.003	1.003	1.002	1.002	1.001	1.001
Cumulative ⁽¹⁾	1.070	1.065	1.061	1.057	1.053	1.050	1.047	1.045	1.042	1.040	1.037	1.034	1.031	1.029	1.028	1.026

<u>3-Year Arithmetic Average</u>																
Age-to-Age	1.005	1.004	1.003	1.003	1.003	1.003	1.002	1.003	1.003	1.003	1.003	1.002	1.002	1.001	1.001	1.001
Cumulative ⁽¹⁾	1.070	1.065	1.060	1.057	1.053	1.050	1.047	1.044	1.041	1.038	1.035	1.033	1.031	1.029	1.027	1.026

Note:

⁽¹⁾ Factors in italics are based on powerail fit to the "3-Year Arithmetic Average" factors.

Source: WCIRB quarterly experience calls, excluding MCCP costs and COVID-19 claims from Accident Years 2020-2022

Quarterly Paid ALAE Loss Development Factors - Private Insurers

Age in Months	Accident Year															
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
3 - 6	5.434	9.136	8.769	8.693	8.584	6.234	9.857	8.970	8.932	8.255	7.884	--	9.251	8.756	8.709	6.884
6 - 9	2.630	3.023	3.176	3.213	3.058	3.163	3.169	3.155	3.050	3.134	3.137	--	3.169	3.062	3.055	
9 - 12	2.034	2.077	2.165	2.115	2.133	2.158	2.103	2.100	2.130	2.076	2.133	--	2.065	2.126	2.109	
12 - 15	1.724	1.737	1.701	1.713	1.784	1.744	1.730	1.771	1.699	1.672	1.662	1.639	1.667	1.718	1.683	
15 - 18	1.509	1.482	1.486	1.510	1.494	1.486	1.480	1.488	1.450	1.442	1.432	1.458	1.469	1.485	1.470	
18 - 21	1.326	1.334	1.343	1.338	1.349	1.328	1.309	1.307	1.309	1.289	1.261	1.309	1.314	1.311		
21 - 24	1.255	1.253	1.248	1.249	1.237	1.237	1.225	1.226	1.226	1.213	1.218	1.209	1.207	1.217		
24 - 27	1.197	1.189	1.186	1.205	1.187	1.176	1.183	1.167	1.150	1.150	1.157	1.152	1.165	1.159		
27 - 30	1.170	1.158	1.163	1.160	1.156	1.149	1.141	1.132	1.129	1.123	1.131	1.131	1.134	1.133		
30 - 33	1.138	1.133	1.131	1.130	1.122	1.116	1.110	1.109	1.099	1.101	1.109	1.105	1.113			
33 - 36	1.114	1.113	1.108	1.104	1.101	1.095	1.088	1.092	1.084	1.078	1.084	1.082	1.086			
36 - 39	1.094	1.091	1.095	1.093	1.085	1.085	1.073	1.068	1.061	1.063	1.068	1.071	1.071			
39 - 42	1.082	1.083	1.081	1.081	1.076	1.072	1.062	1.062	1.055	1.057	1.062	1.063	1.064			
42 - 45	1.074	1.069	1.068	1.070	1.061	1.057	1.054	1.049	1.047	1.050	1.052	1.055				
45 - 48	1.064	1.062	1.059	1.057	1.055	1.050	1.046	1.043	1.039	1.040	1.041	1.044				
48 - 51	1.053	1.053	1.051	1.049	1.047	1.041	1.036	1.034	1.031	1.035	1.036	1.037				
51 - 54	1.050	1.048	1.048	1.045	1.042	1.036	1.034	1.031	1.030	1.032	1.032	1.036				
54 - 57	1.043	1.040	1.043	1.038	1.035	1.031	1.027	1.025	1.027	1.027	1.032					
57 - 60	1.039	1.037	1.036	1.035	1.031	1.028	1.026	1.023	1.022	1.023	1.024					
60 - 63	1.034	1.032	1.031	1.031	1.025	1.023	1.021	1.018	1.018	1.020	1.021					
63 - 66	1.031	1.032	1.029	1.028	1.023	1.021	1.019	1.018	1.018	1.021	1.020					
66 - 69	1.028	1.028	1.024	1.024	1.021	1.017	1.015	1.017	1.015	1.015	1.020					
69 - 72	1.026	1.023	1.023	1.021	1.018	1.018	1.014	1.014	1.014	1.014						
72 - 75	1.022	1.021	1.020	1.019	1.017	1.015	1.012	1.012	1.012	1.013						
75 - 78	1.022	1.020	1.019	1.016	1.015	1.013	1.012	1.012	1.011	1.013						
78 - 81	1.020	1.017	1.017	1.015	1.011	1.010	1.011	1.010	1.013							
81 - 84	1.017	1.016	1.014	1.014	1.012	1.009	1.009	1.009	1.010							
84 - 87	1.015	1.014	1.014	1.013	1.011	1.008	1.008	1.009	1.009							
87 - 90	1.014	1.012	1.012	1.011	1.008	1.008	1.008	1.007	1.009							
90 - 93	1.012	1.012	1.011	1.009	1.005	1.007	1.005	1.008								
93 - 96	1.012	1.010	1.011	1.009	1.007	1.006	1.007	1.007								
96 - 99	1.010	1.010	1.008	1.010	1.006	1.006	1.005	1.006								
99 - 102	1.009	1.009	1.008	1.007	1.006	1.006	1.006	1.006								
102 - 105	1.009	1.008	1.007	1.004	1.005	1.005	1.005									
105 - 108	1.008	1.007	1.007	1.005	1.005	1.004	1.006									
108 - 111	1.008	1.006	1.005	1.005	1.004	1.004	1.004									
111 - 114	1.007	1.006	1.005	1.004	1.004	1.004	1.004									
114 - 117	1.007	1.006	1.004	1.005	1.003	1.004										
117 - 120	1.006	1.005	1.004	1.004	1.003	1.003										
120 - 123	1.005	1.005	1.004	1.003	1.003	1.003										

Source: WCIRB quarterly experience calls, excluding MCCP costs and COVID claims from Accident Years 2020-2022

Average Paid M CCP per Reported Indemnity Claim - Statewide
As of June 30, 2024

Accident	Evaluated as of (in months):							
<u>Year</u>	<u>6</u>	<u>18</u>	<u>30</u>	<u>42</u>	<u>54</u>	<u>66</u>	<u>78</u>	<u>90</u>
2015	380	1,002	1,454	1,723	1,882	1,921	1,982	2,032
2016	369	946	1,361	1,591	1,675	1,757	1,823	1,872
2017	342	927	1,326	1,519	1,653	1,742	1,807	1,945
2018	380	979	1,321	1,543	1,685	1,788	1,945	
2019	377	904	1,309	1,545	1,699	1,884		
2020	355	892	1,269	1,503	1,718			
2021	370	846	1,242	1,542				
2022	320	790	1,234					
2023	316	851						
2024	360							

Accident	Annual Change							
<u>Year</u>	<u>6</u>	<u>18</u>	<u>30</u>	<u>42</u>	<u>54</u>	<u>66</u>	<u>78</u>	<u>90</u>
2016	-2.8%	-5.6%	-6.4%	-7.7%	-11.0%	-8.6%	-8.0%	-7.8%
2017	-7.2%	-2.0%	-2.6%	-4.5%	-1.3%	-0.9%	-0.9%	3.9%
2018	11.1%	5.6%	-0.4%	1.6%	1.9%	2.6%	7.6%	
2019	-0.9%	-7.7%	-0.9%	0.2%	0.8%	5.4%		
2020	-5.8%	-1.3%	-3.0%	-2.8%	1.2%			
2021	4.1%	-5.2%	-2.1%	2.6%				
2022	-13.5%	-6.6%	-0.6%					
2023	-1.3%	7.7%						
2024	14.0%							

Source: WCIRB accident year experience calls excluding COVID-19 claims for accident years 2020-2024.

Item AC24-09-03

Experience Rating Credibility Methodology for D-Ratios

Background

Expected loss rates and D-ratios by classification and primary threshold are included in the annual update of the *California Workers' Compensation Experience Rating Plan—1995* (ERP). A D-ratio is an estimate of the share of each classification's limited (to \$175,000) losses below a given primary threshold and is used in conjunction with classification expected loss rates to calculate expected losses below that primary threshold (expected primary losses). Prior to 2017, a single primary threshold of \$7,000 was used for experience rating. Beginning in 2017, primary thresholds vary by the size of employer, as measured by expected losses for the experience period used to calculate the modification. Currently, D-ratios are promulgated for each classification at each of ninety-two primary thresholds ranging from \$4,500 to \$75,000.

The promulgated D-ratios are calculated using the most recent available unit statistical data by classification at first, second and third report level, trended to the projection period the D-ratios will be in effect. Since some classifications have relatively limited statistical experience, the final values are credibility-weighted empirical classification D-ratios, using empirical retro hazard group (RHG) D-ratios as the complement of credibility.

Beginning in 2019, the experience modification formula was simplified to

$$\frac{A_p + E_e}{E}$$

where A_p is the actual losses in the primary layer, E_e is the expected loss above the primary layer, and E is the expected loss. The credibility-weighted D-ratio is used to compute the expected excess loss term.

This item will focus on the impact on experience modifications of different credibility formulas as well as the impact of switching from D-ratios based on credibility weighted classification experience to the D-ratio based on the classification's assigned RHG.

Credibility Methodology Background

Prior to 2021, limited fluctuation, or classical, credibility was used.¹ A shifted log-logistic curve was used to fit the relationship between volatility across the policy years and classification size and the 95th percentile of this curve was selected as the coefficient of variation corresponding to full credibility. The expected volatility for a fully credible classification was then used to estimate indicated credibility as full credibility D-ratio volatility / classification D-ratio volatility. These indicated credibilities were then used as the response (y) variable in fitting the equation $Z = \min\left(100\%, \sqrt{\frac{N}{K}}\right)$ by non-linear least squares, where N is the number of indemnity claims for the classification and K is the number of indemnity claims required for full credibility. The squared-error minimizing estimate of K was computed for each primary threshold. These estimates of K were then smoothed by the size of the primary threshold. These smoothed squared-error minimizing values of K for each primary threshold are used to calculate classification credibility.

The current methodology applies Bühlmann credibility which takes the form $\frac{N}{N+K}$, where N is the number of observations and K is a constant term. The constant term K is determined by the relationship between the in-group and between-group variance of the underlying data. Specifically, the constant is the ratio of the expected value of the process variance (EPV) to the variance of the hypothetical mean (VHM), or $K =$

¹ See Item AC20-04-03 of the April 2, 2020 WCIRB Actuarial Committee Agenda and the corresponding minutes for more information.

$\frac{EPV}{VHM}$. The weighted means of the D-ratios for each classification are used to calculate EPV and VHM. The EPV is calculated as the weighted mean of the classification weighted variances and the VHM is calculated as the weighted variance of the classification weighted means. The D-ratio is computed for each claim used in the underlying experience. Each claim must be weighted by its losses, limited to \$175,000 with the first \$250 removed. Using these weights, the weighted mean D-ratio (EPV) can be expressed as

$$D_{C,K} = \frac{1}{A} \sum_{i=1}^N w_i d_{i,K}$$

where C represents the classification code, K is the primary threshold, N is the number of claims, w is the weight described above, d are the individual claim D-ratios, and A is the sum of the weights. The weighted variance (VHM) for each classification is

$$v_{C,K} = \frac{A}{A^2 - B} \sum_{i=1}^N w_i (d_{i,K} - D_{C,K})^2$$

where B is the sum of the squared weights.

Effect of Alternative Credibility Formulas on Experience Modifications

Staff observed that decreases in the calculated Bühlmann credibility constants for recent years led to higher credibility for small and mid-sized classifications. Under the limited fluctuation credibility method, more dispersion among D-ratios leads to higher classification D-ratio volatility resulting in a higher estimate of the K and lower credibility. Under the Bühlmann method, more dispersion among classification D-ratios led to increasing VHM, which resulted in smaller K and higher credibility as shown in Exhibits 1 and 2. Staff noticed closing rates at the individual classification level have been increasing for all sizes of classifications over time, as shown in Exhibit 3. The increasing speed of claim closures for all classifications is leading to more dispersion among empirical classification D-ratios, as shown in Exhibit 4.

Due to the differences in the functional forms for Bühlmann and limited fluctuation credibility, many small to mid-sized classifications will receive higher credibility under the Bühlmann method than the limited fluctuation method, especially when claims close faster. Staff investigated the impact of alternative credibility methods on expected excess loss and experience modifications by computing the efficiency of the experience modifications, which is a measure of how accurately the experience modifications predict the relative loss experience of the insured in the projection year (see Exhibit 5). The differences in efficiency between credibility alternatives was negligible, as shown in Exhibit 5. The alternative credibility frameworks have little impact on the experience modifications because the classification credibility-weighted D-ratios under the methods are similar for most mid-sized classifications and are the same for large classifications. Only a small portion of classifications have a normalized difference between the Bühlmann and classical credibility-weighted D-ratio that exceeds 10%, where the normalized difference is computed as

$$\frac{|Buhlmann CredWtd Dratio - Classical CredWtd Dratio|}{Classification Dratio}$$

These classifications tend to be smaller classifications, with fewer indemnity claim counts and lower volumes of losses, as shown in Exhibit 6. Staff also found that only a small proportion of insureds have exposure within classifications with high differences in credibility-weighted D-ratios. To quantify the impact on experience modifications, staff computed the difference between the experience modifications under the current Bühlmann method and the prior limited fluctuation method for all experience rated employers. Employers with lower expected losses tend to have larger differences in experience modifications because smaller insureds tend to have a greater proportion of their exposure in high difference

classifications, as shown in Exhibit 7. Most experience rated employers have a difference in experience modifications of less than 0.02, as shown in Exhibit 8.

Staff grouped employers by their expected loss in groups of 5,000 (cohort) and calculated the maximum impact that a credibility method could have on the efficiency of experience modifications by comparing experience modifications calculated with D-ratios based on individual classification experience only (full credibility) and experience modifications calculated with RHG D-ratios (no credibility), as shown in Exhibit 9.

Impact from Switching to RHG D-ratios

As there is little difference in the efficiency of experience modifications when classification experience is included in the calculation of D-ratios, staff investigated the impact of simplifying the calculation of D-ratios to rely on RHG experience only. Staff reviewed the relationship between empirical classification D-ratios and RHG D-ratios. Staff observed large classifications represent a large share of their RHG and thus their classification D-ratios are similar to their RHG D-ratios. This relationship is consistent across projection years and RHGs, as shown in Exhibit 10.

Staff computed the exposure weighted difference in D-ratios for insureds,

$$\sum_{i=1}^N \text{Proportion of Exposure in Class}_i \times \frac{\text{Buhlmann CrdWtd Dratio}_{\text{Class } i} - \text{RHG Dratio}_{\text{Class } i}}{\text{Empirical Dratio}_{\text{Class } i}}$$

Insureds with smaller expected losses have a greater proportion of their exposure in classifications with a large difference between Bühlmann credibility-weighted D-ratios and RHG D-ratios and the exposure weighted difference is further from zero for smaller insureds, as shown in Exhibit 11.

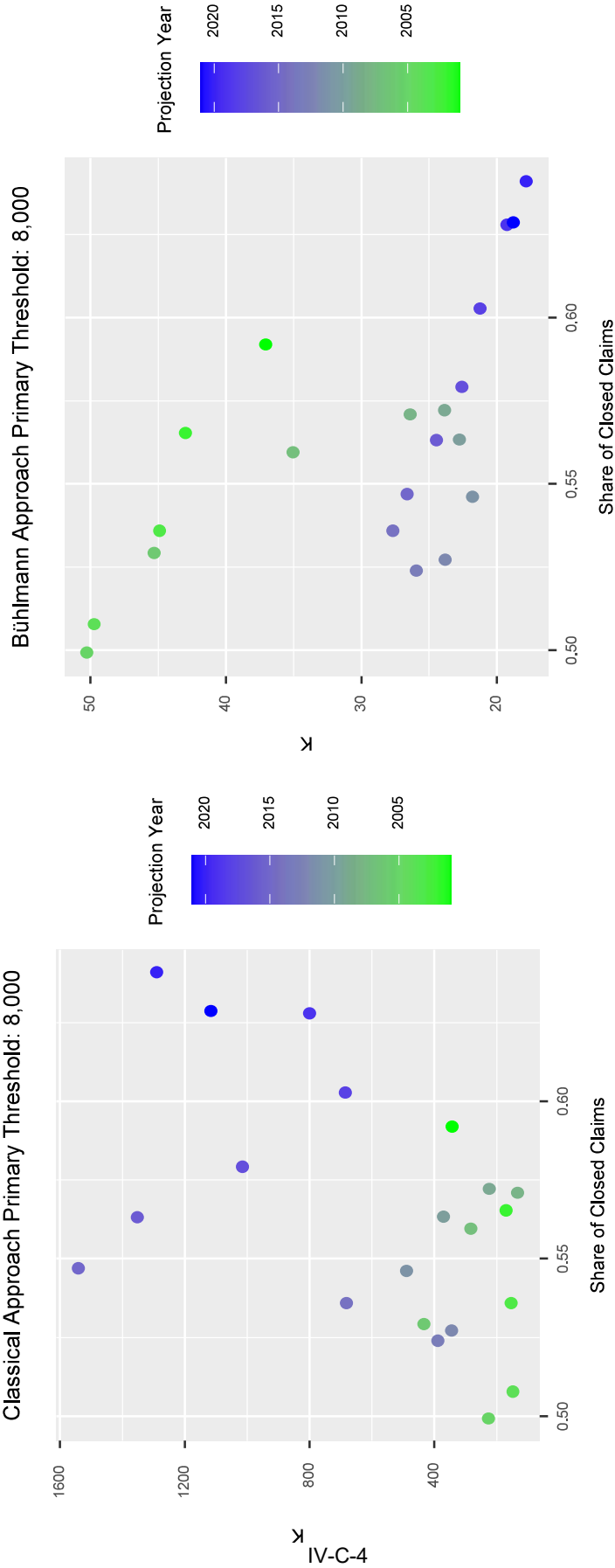
Staff computed the efficiency and volatility of the efficiency for the experience modification using both the current Bühlmann credibility method and the RHG approach. The differences in efficiency and volatility are negligible and neither approach consistently outperforms the other, as shown in Exhibit 12. Staff computed the differences in experience modifications between the Bühlmann credibility method and the RHG approach for each cohort. For most insureds within each cohort and projection year, the difference in modification is less than 5%, shown in Exhibit 13. Similarly, the difference in modifications is less than 5% for most insureds in each cohort and projection year.

Findings

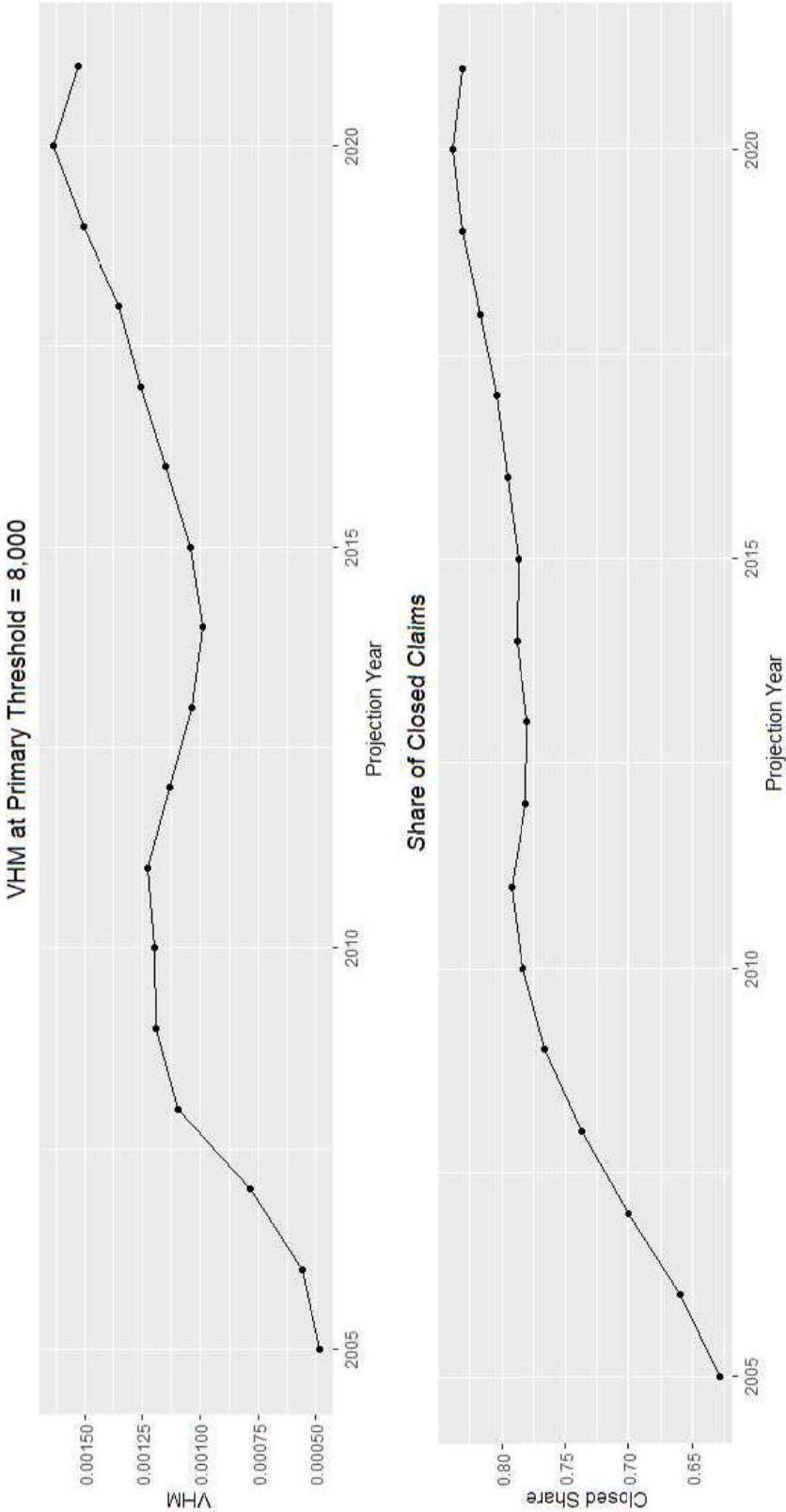
Staff observed little difference between the accuracy and stability of D-ratios calculated with credibility-weighted classification experience using either Bühlmann or classical credibility and those calculated with RHG experience only. While there would be dislocation for a single projection year from switching to RHG based D-ratios, the annual update process would be simplified.

Feedback on the benefits of classification-based D-ratios compared to RHG based D-ratios will be solicited at the meeting.

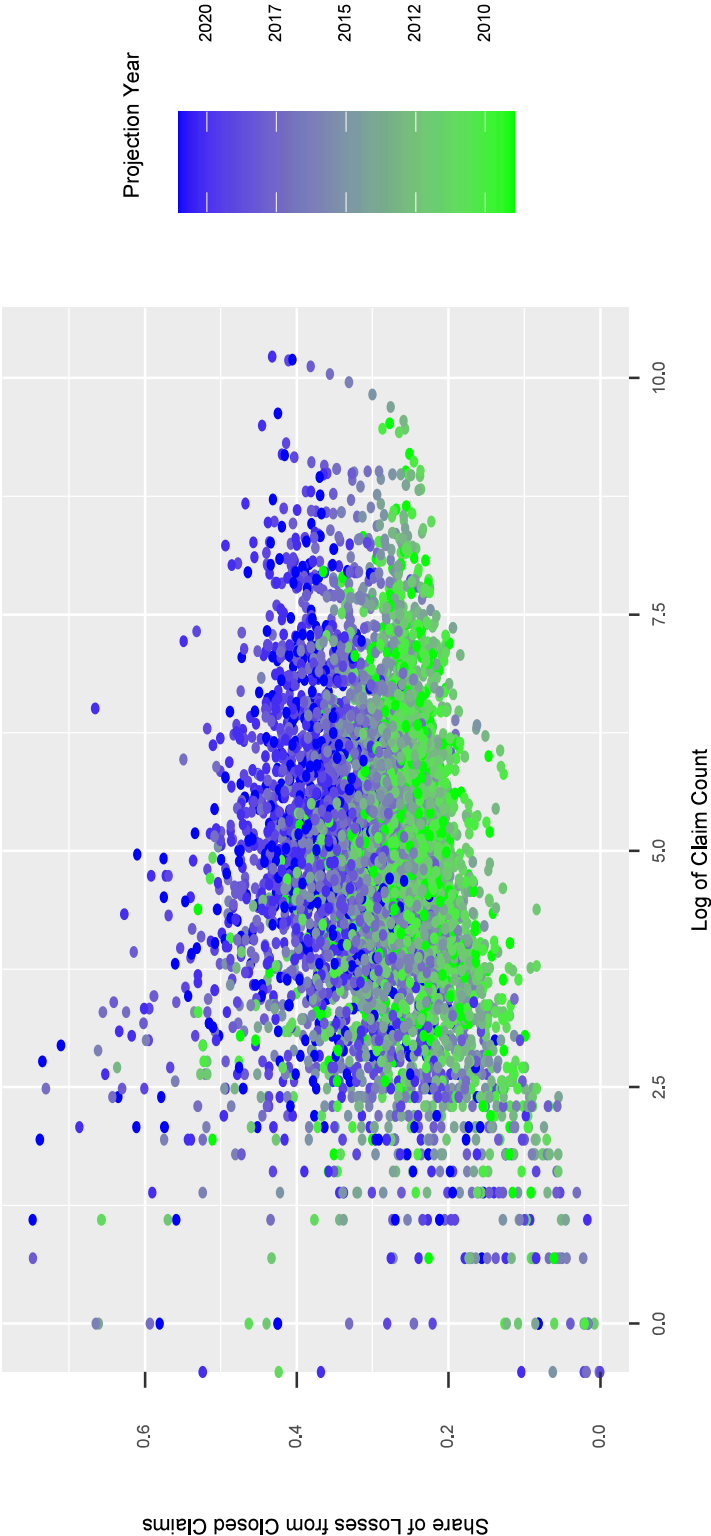
Closing Rate vs. Credibility Constants (K)



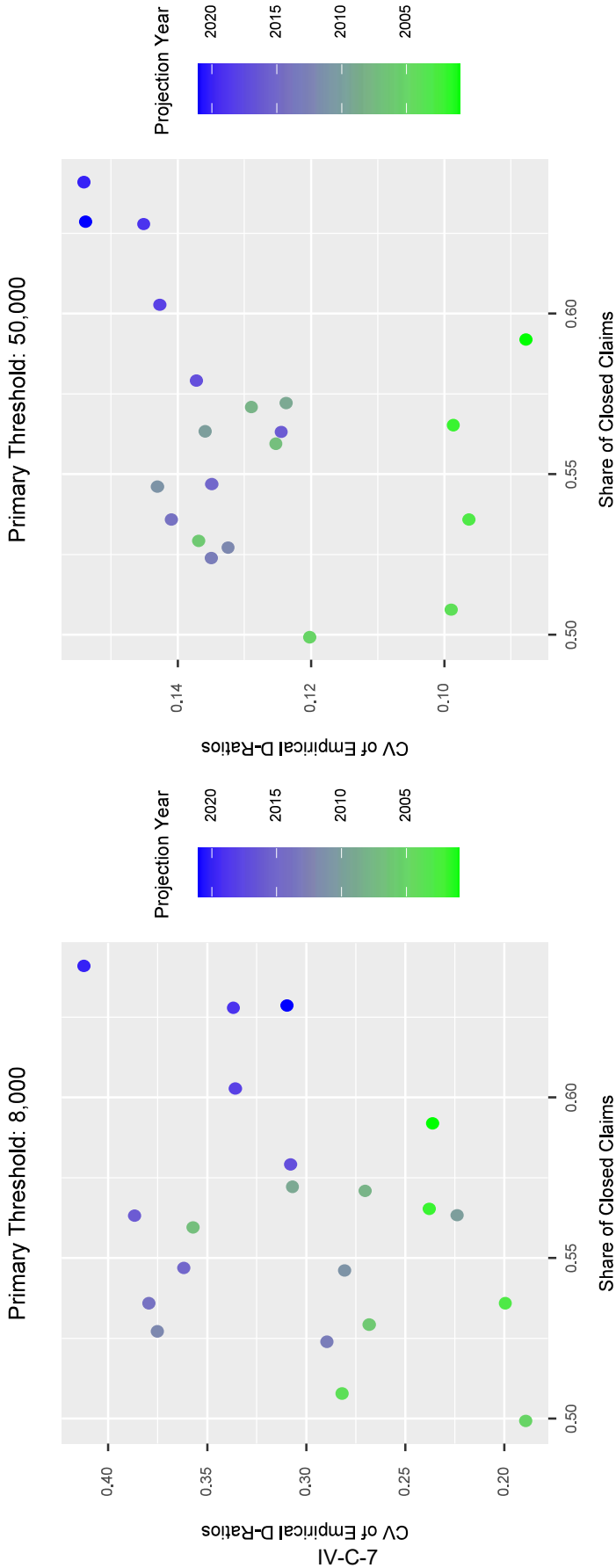
Closing Rate vs Variance of the Hypothetical Means (VHM)



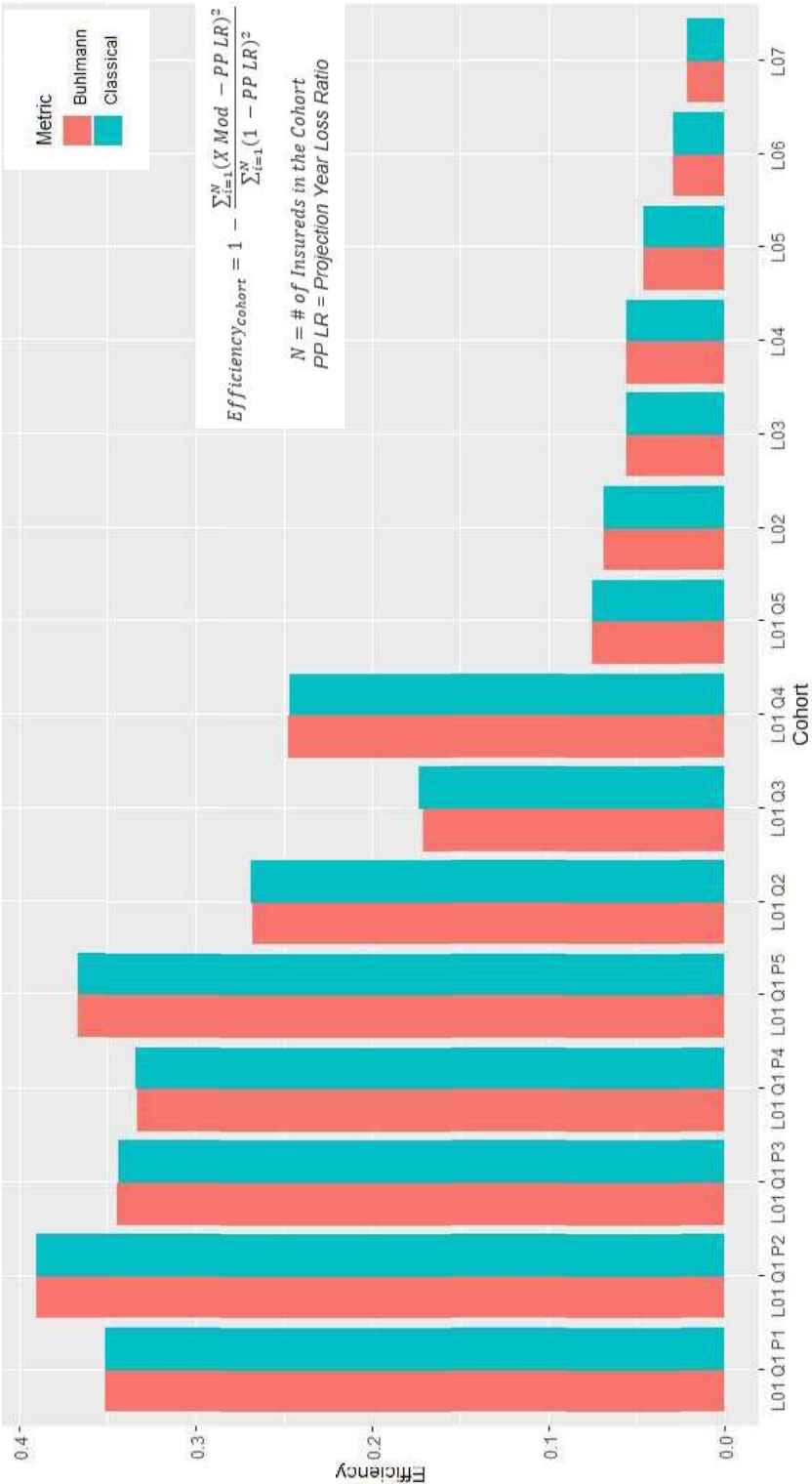
Share of Losses from Closed Claims by Size of Classification and Projection Year



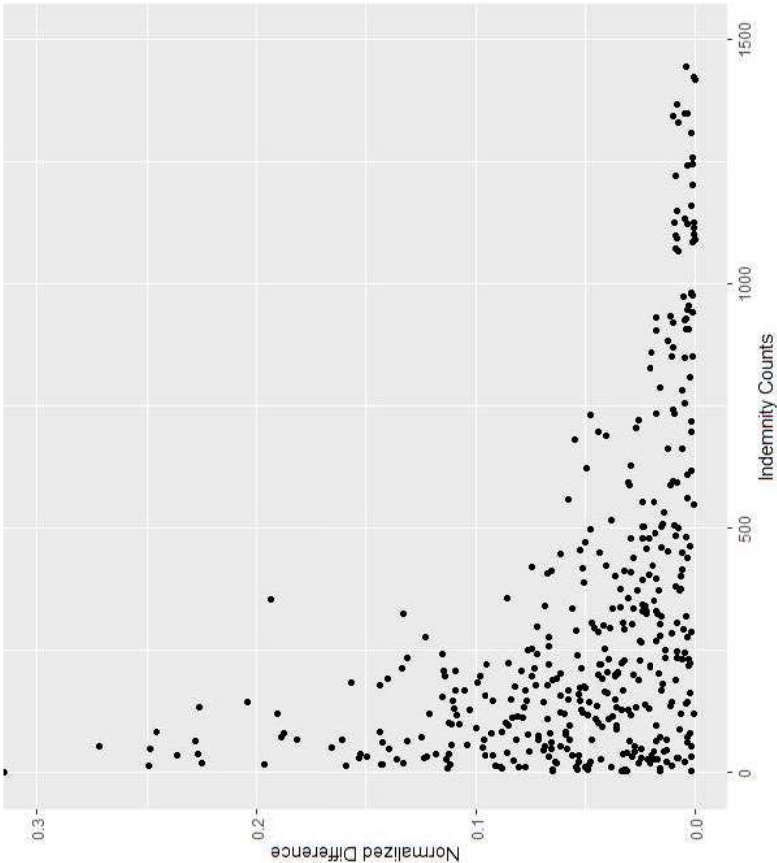
Closing Rate vs. CV of Empirical D-Ratios



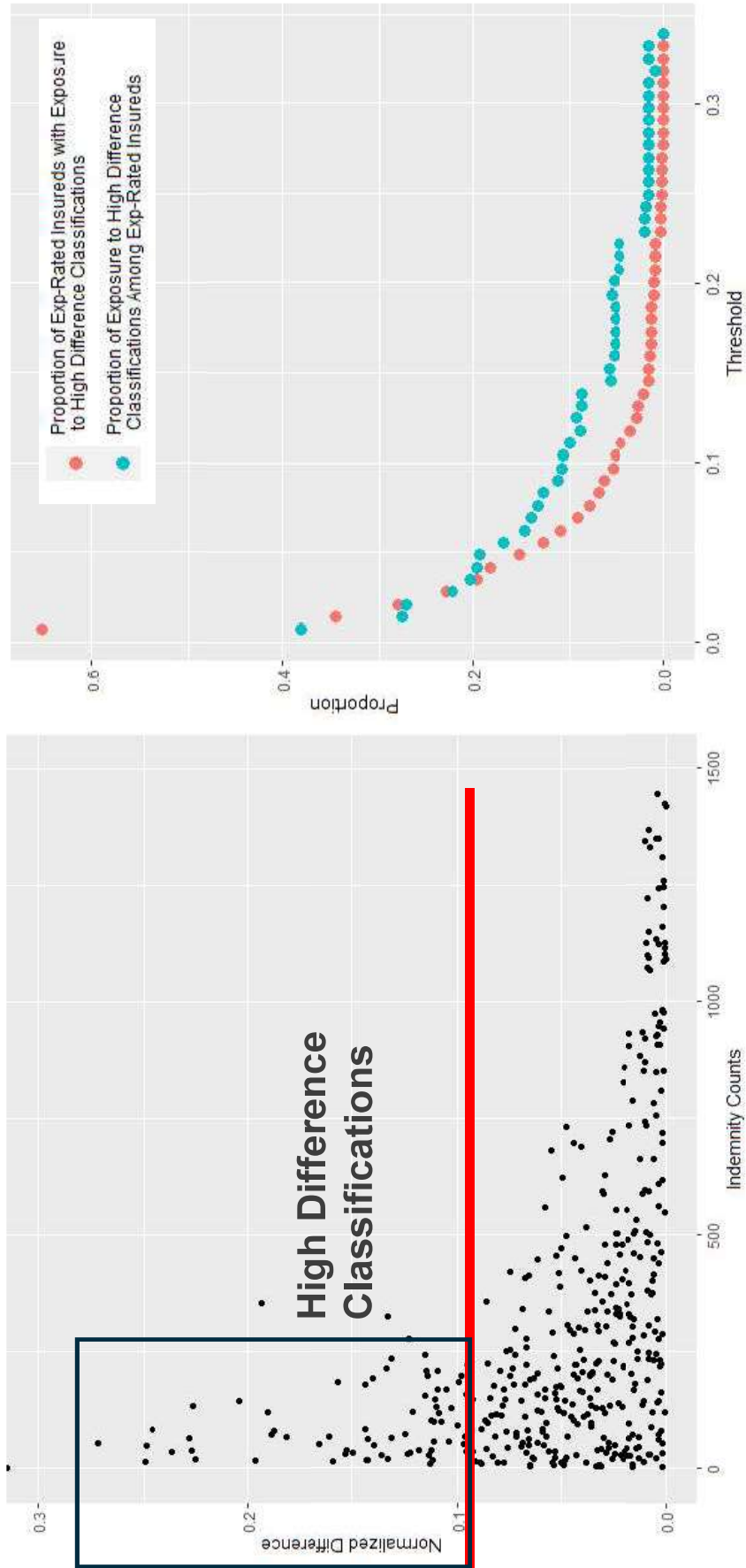
Differences in the Efficiency of Experience Modifications
Due to Credibility Approach for D-ratios



Difference Between Bühlmann and Classical Credibility-Weighted Classification D-Ratios

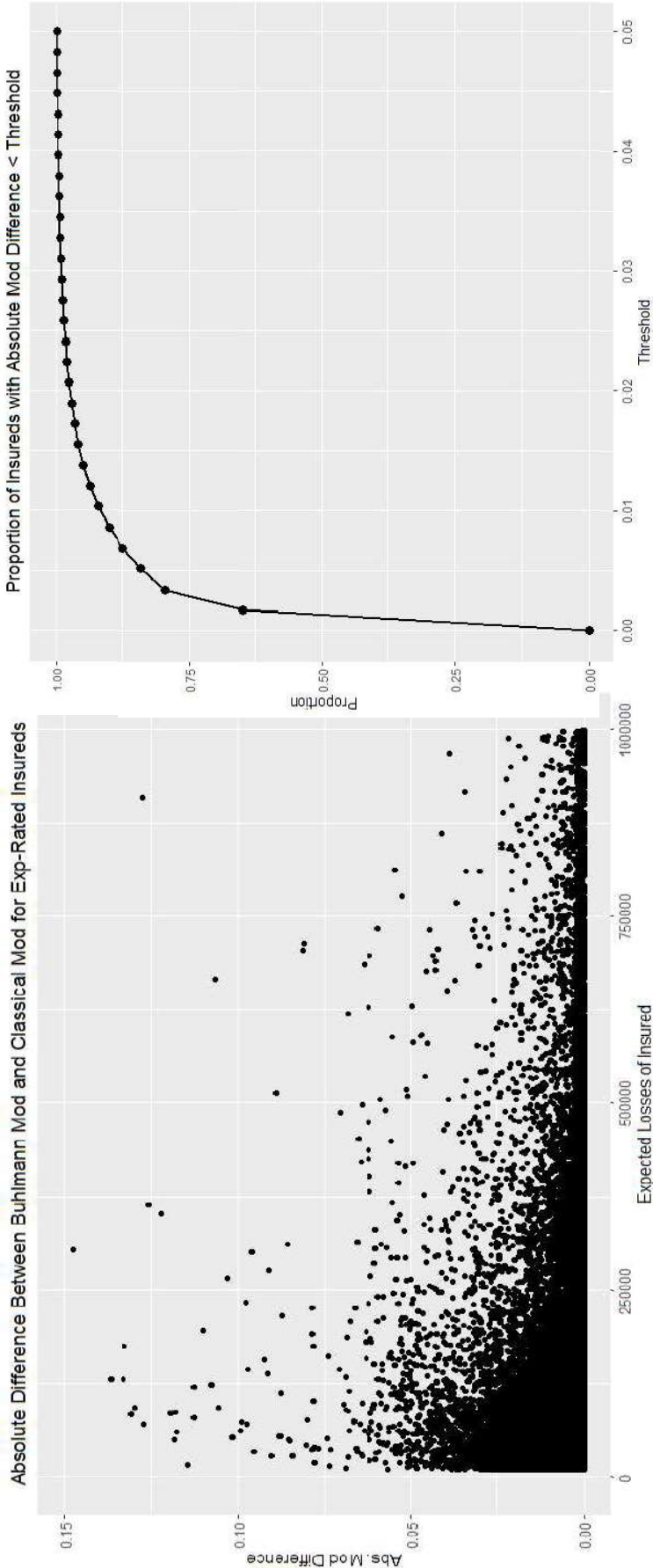


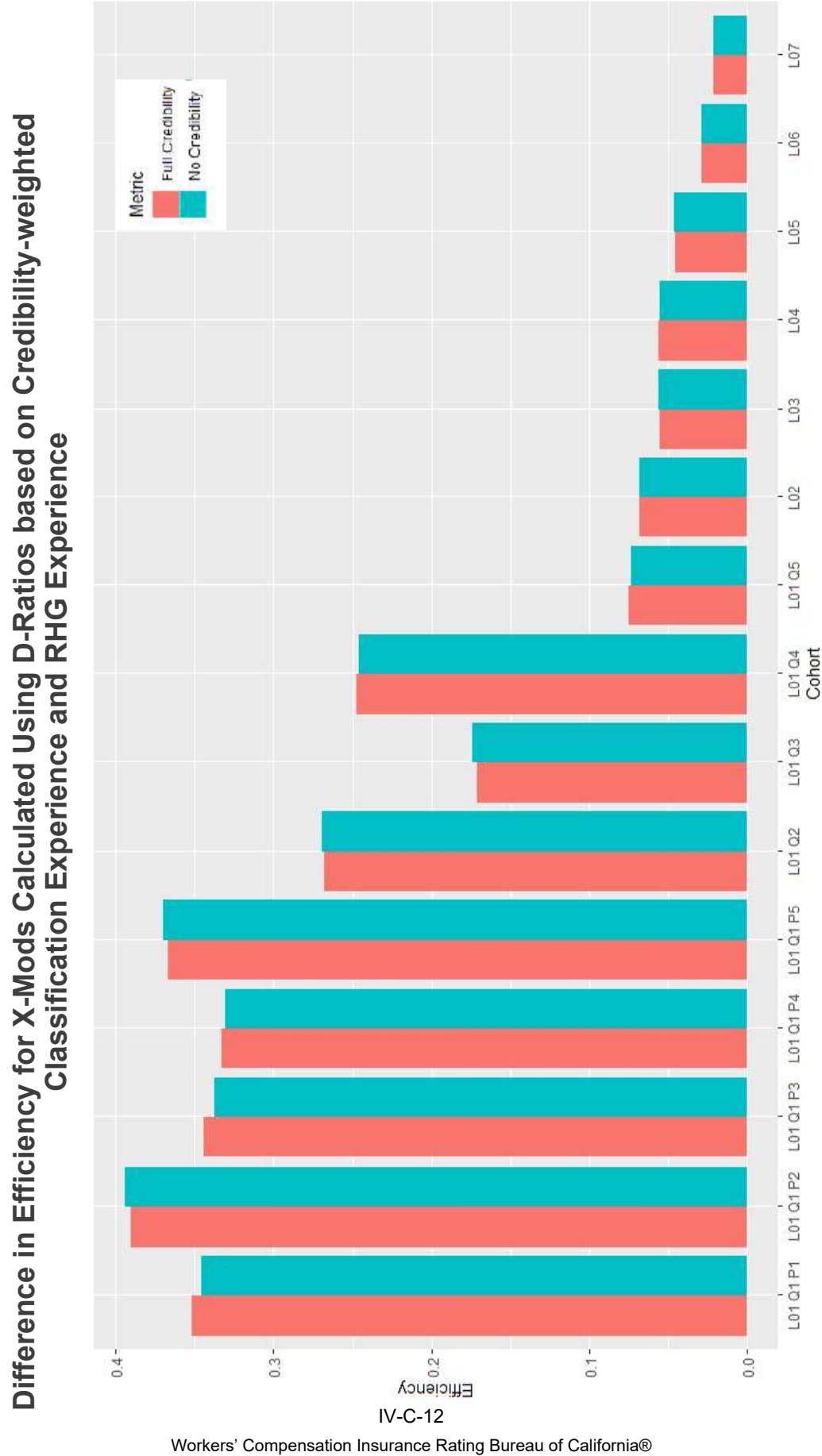
Proportion of Experience Rated Insureds with Exposure in High Difference Classifications



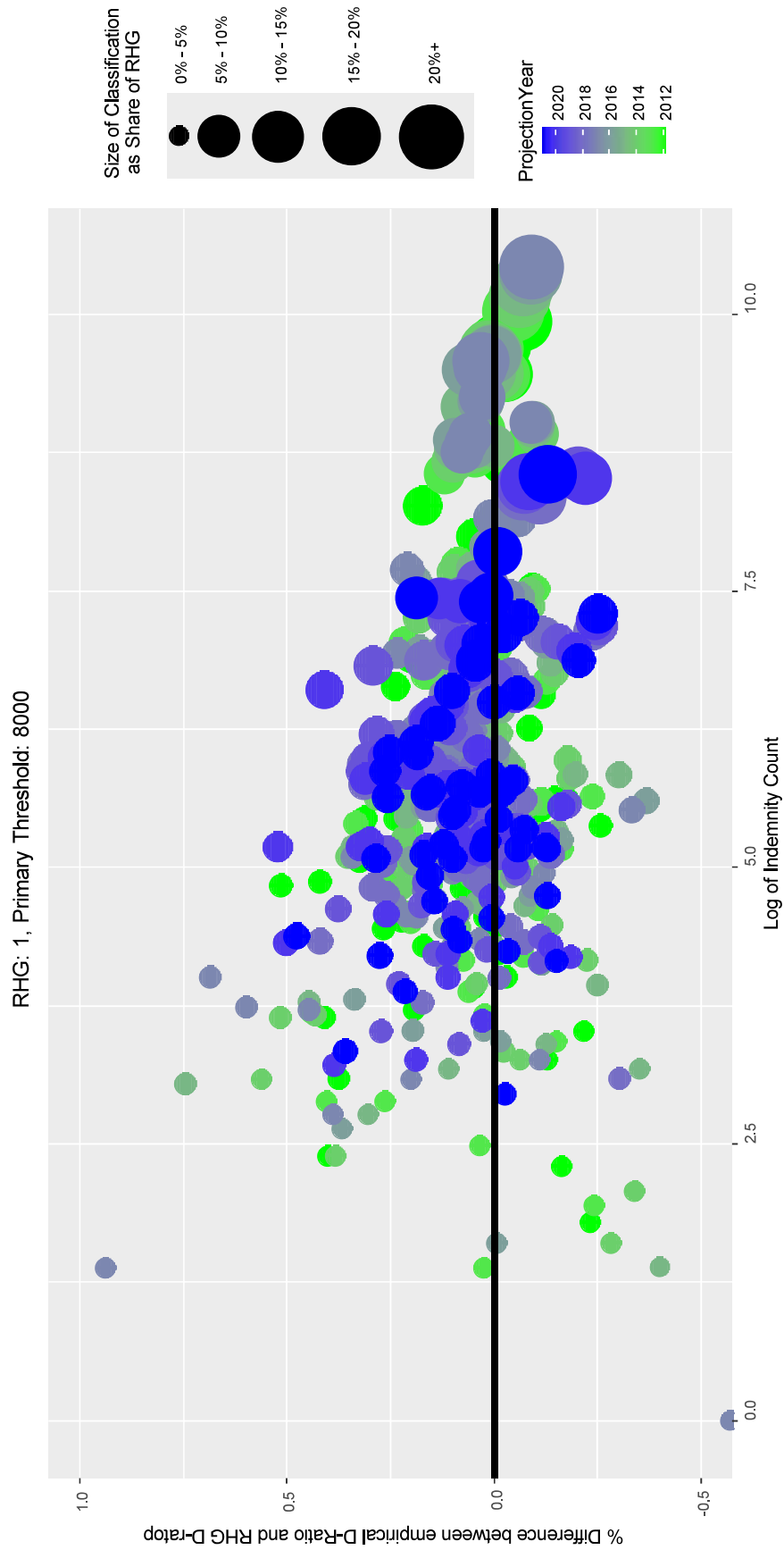
IV-C-10

Absolute Difference Between Bühlmann and Classical Modifications
(Experience-Rated Insureds)



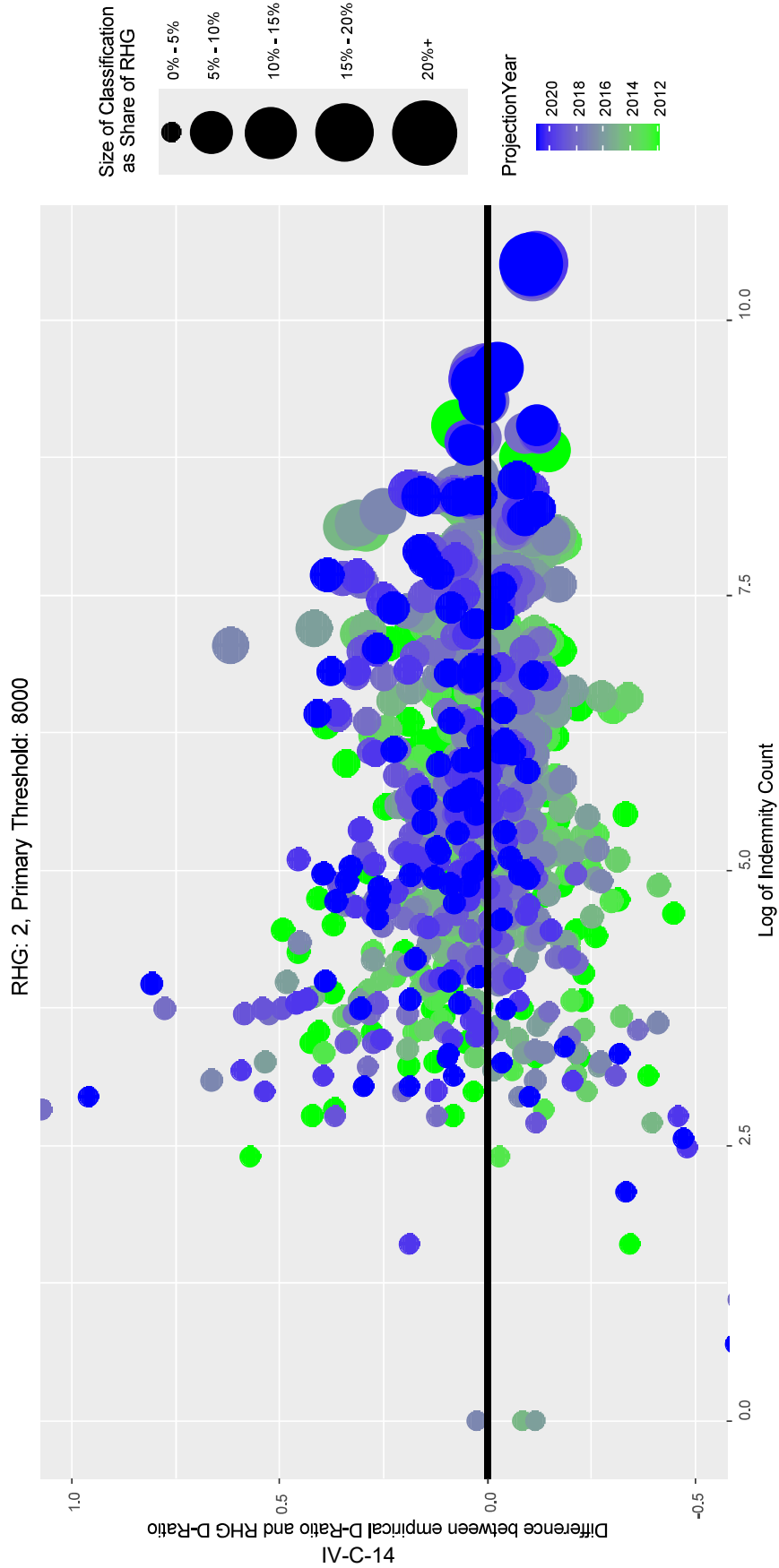


Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification

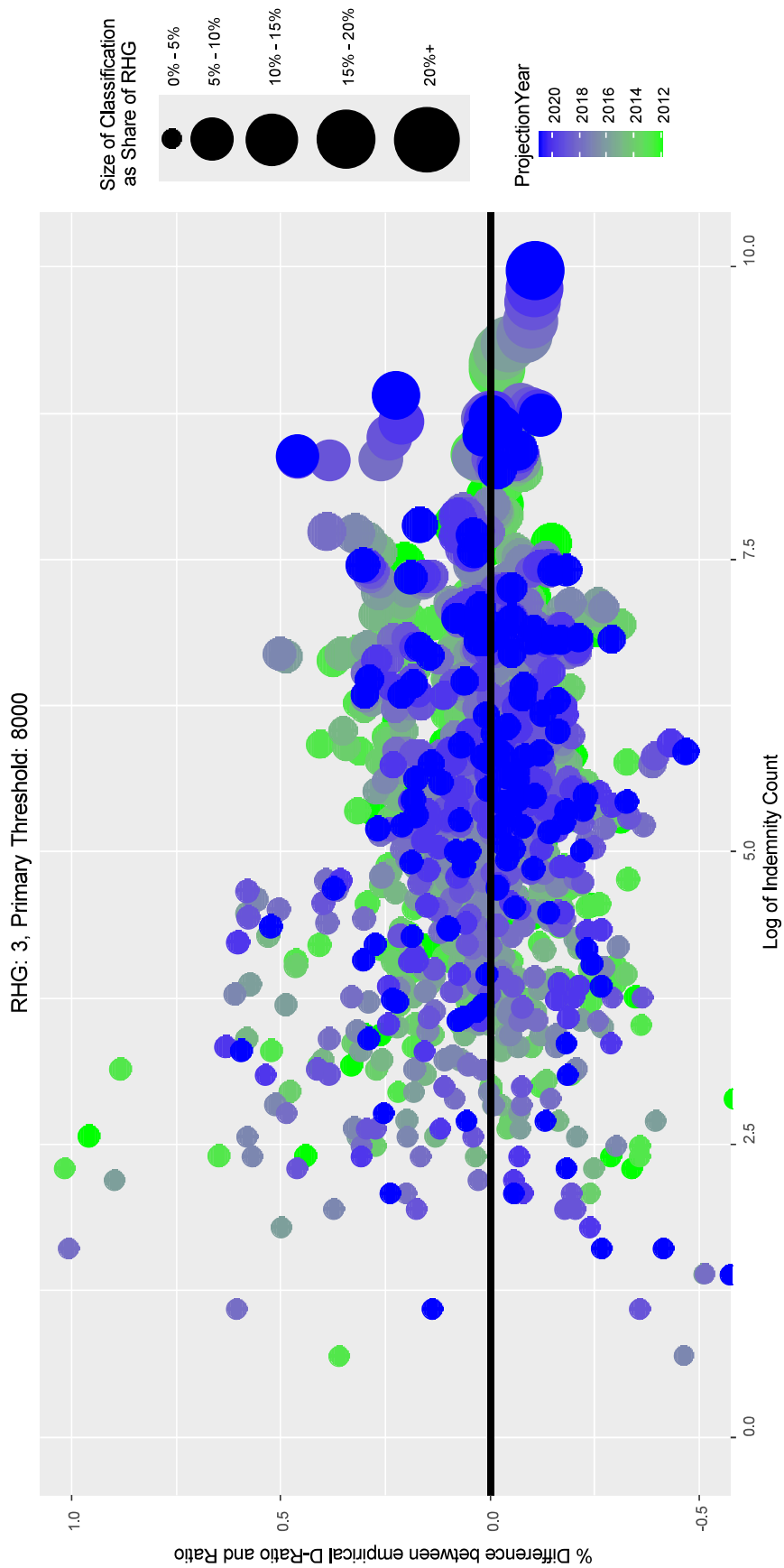


IV-C-13

Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification

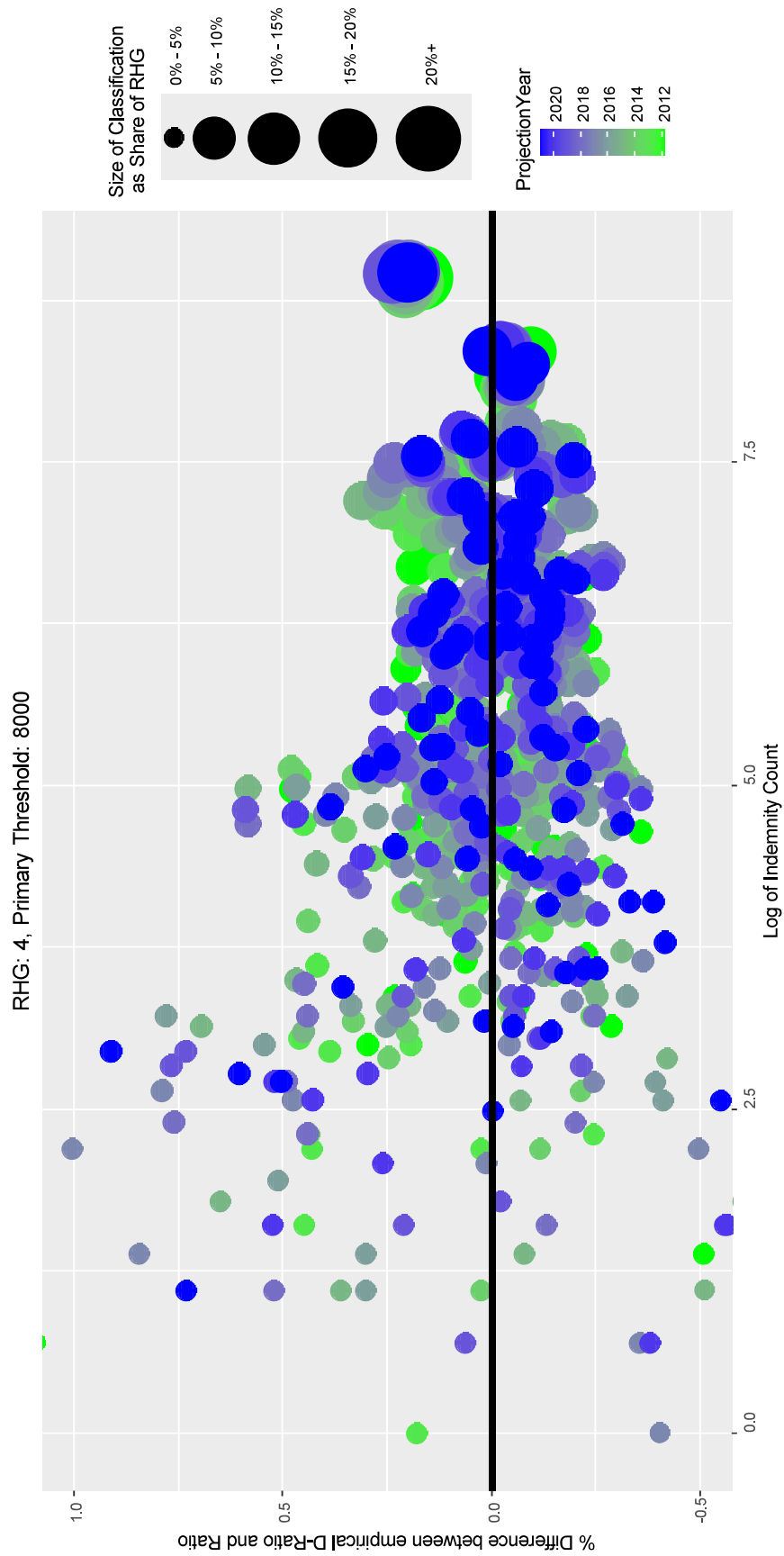


Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification



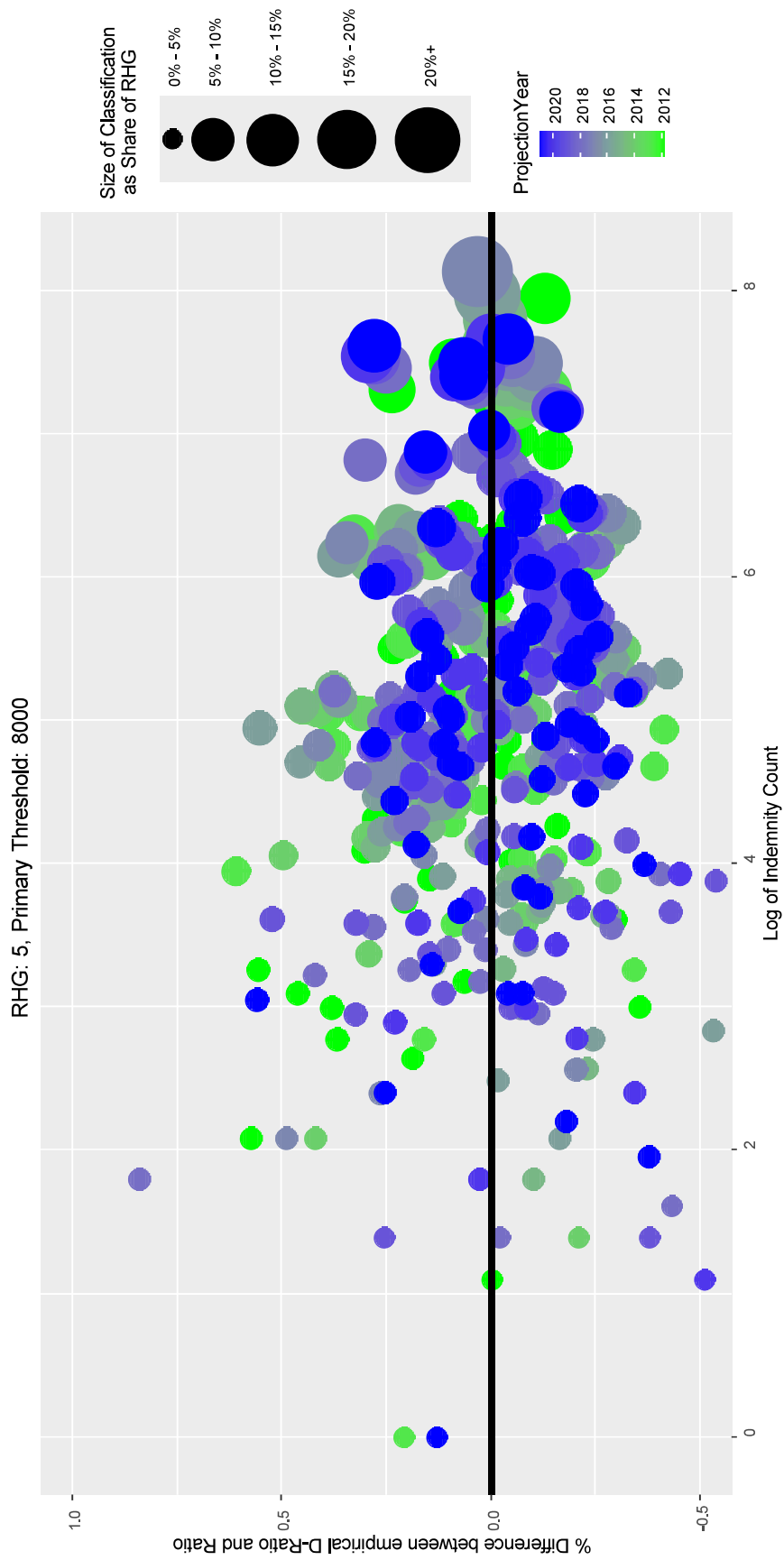
IV-C-15

Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification



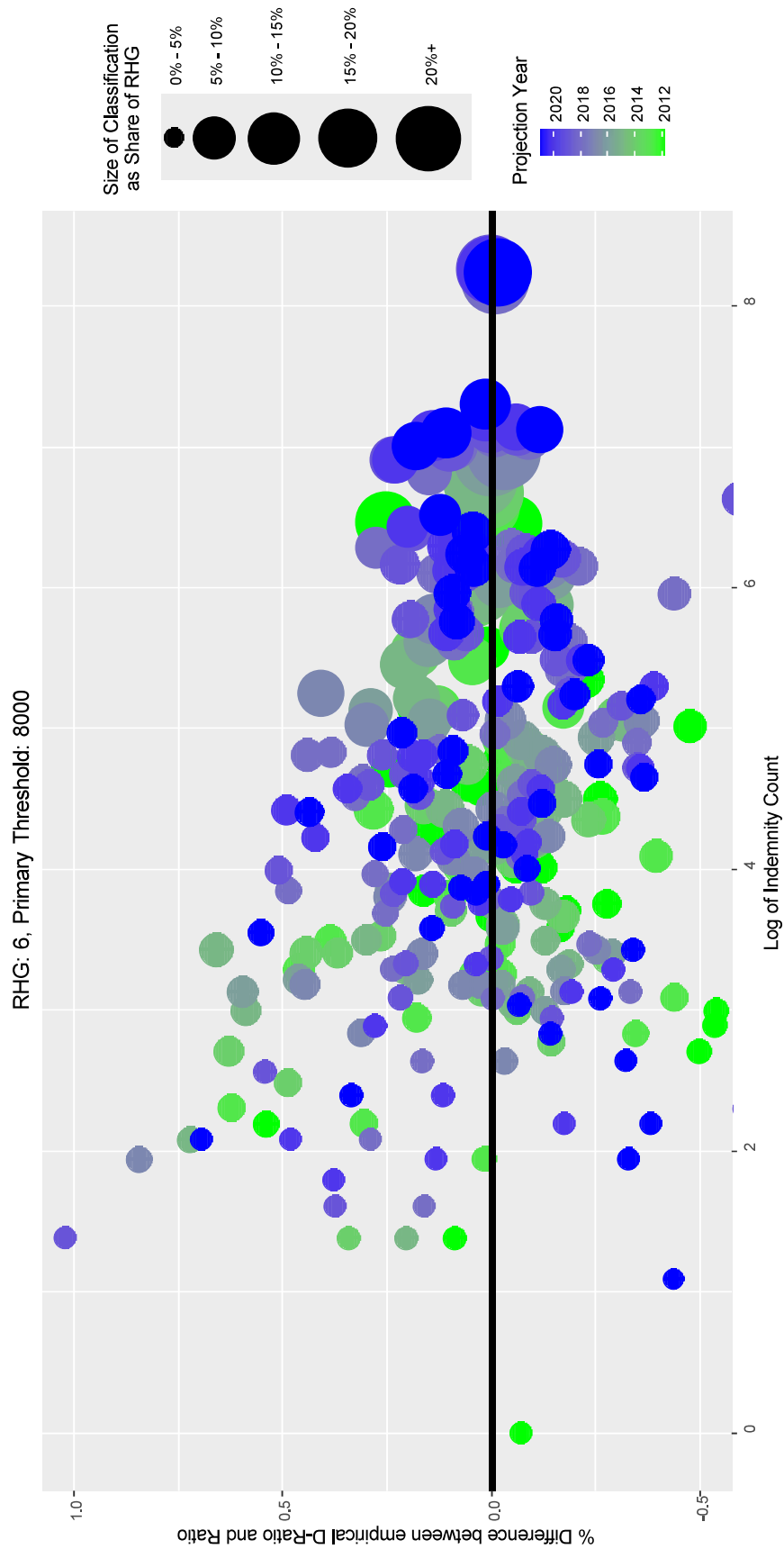
IV-C-16

Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification



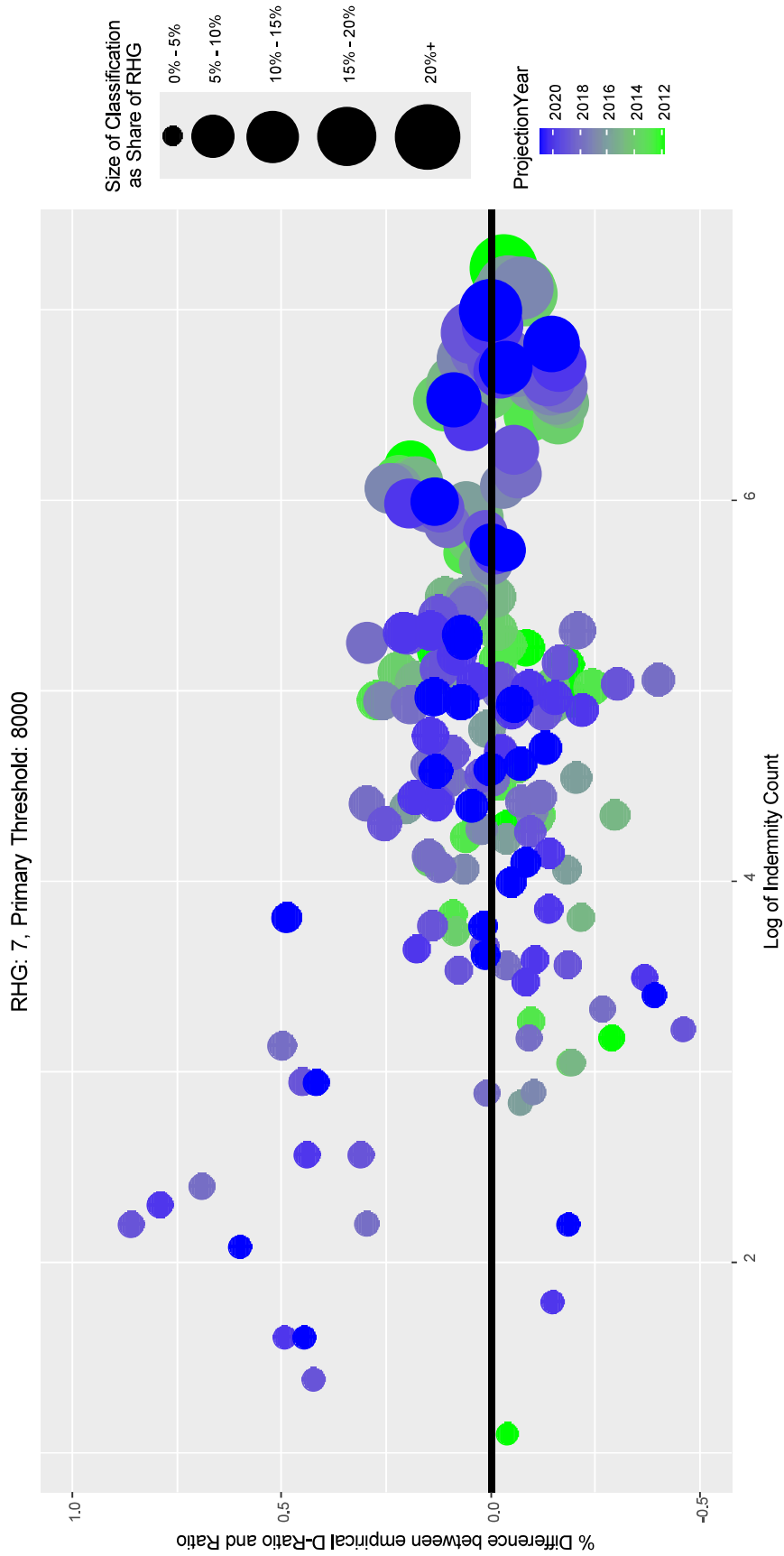
IV-C-17

Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification

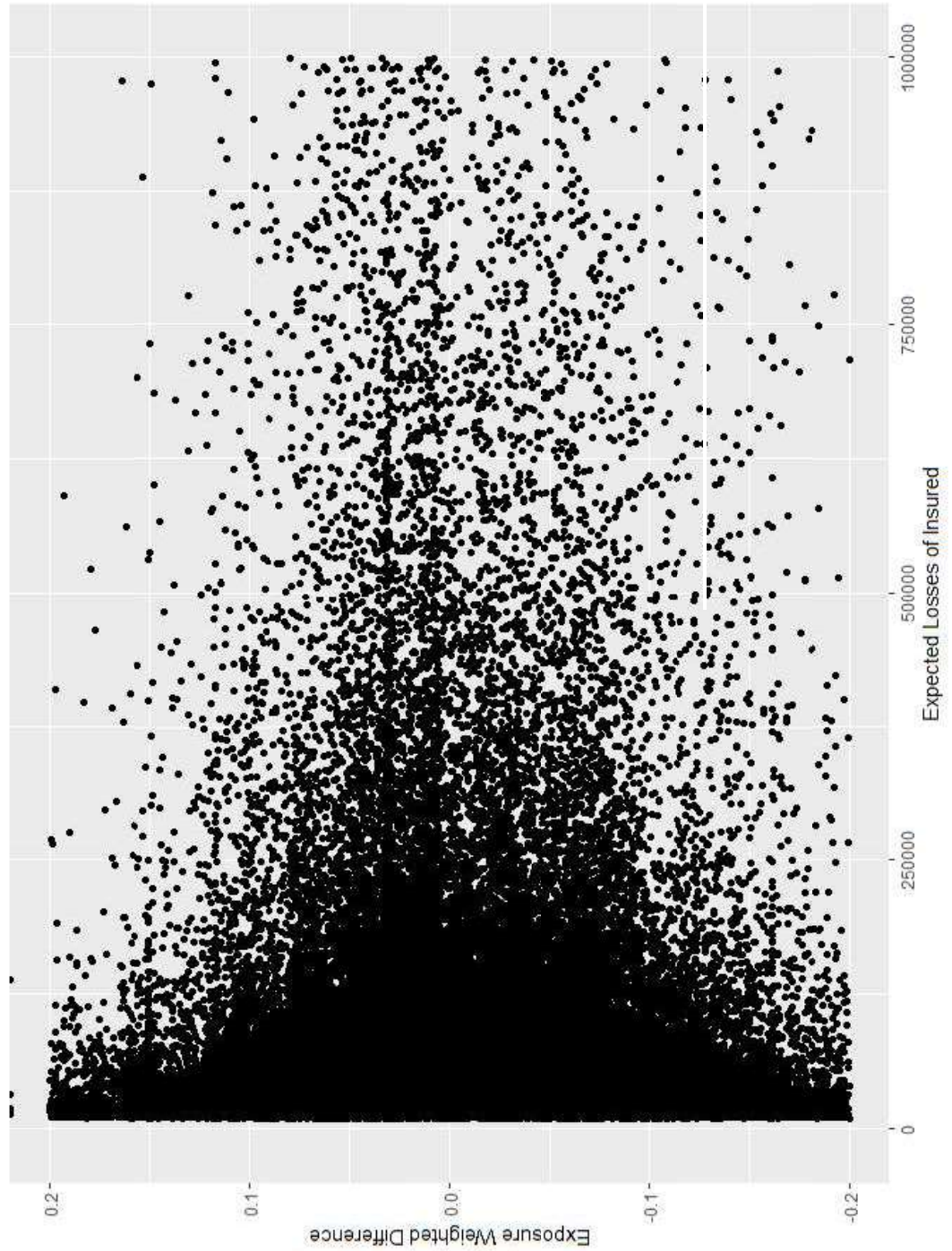


IV-C-18

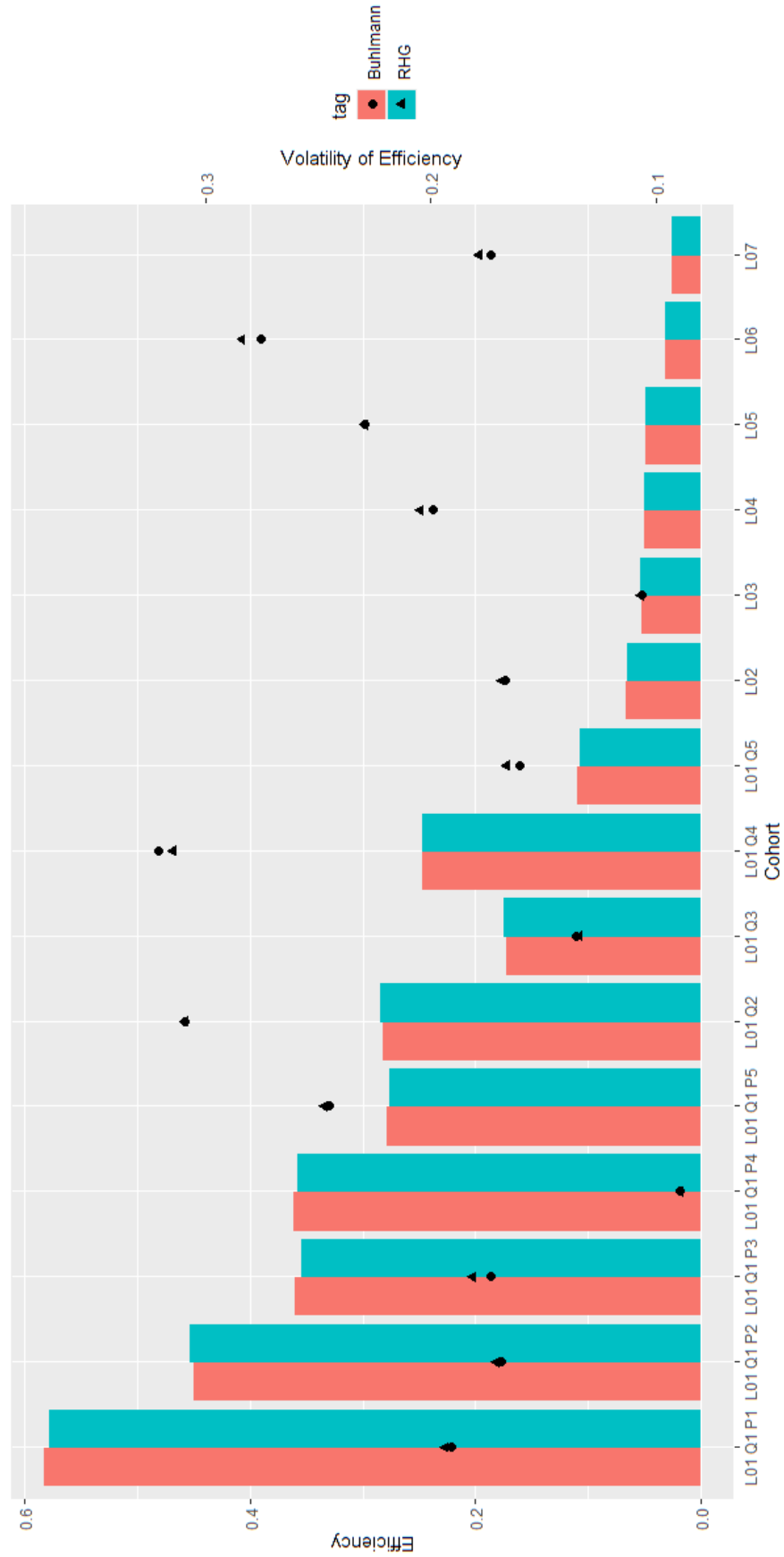
Differences between Empirical Classification D-Ratios and RHG D-Ratios by Projection Year and Size of Classification



Exposure Weighted Differences in D-Ratios by Size of Insured



Difference in Efficiency for X-Mods Calculated Using D-Ratios based on Credibility-weighted Classification Experience and RHG Experience



Projection Year Cohort			Distribution of X-Mod Differences (Loss Weighted)					Distribution of X-Mod Differences (Count Weighted)					% Insureds Loss Free	CV of Mod- Differences
			Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%				
2012	L01 Q1 P1	2013	94.4%	5.6%	0.0%	0.0%	93.5%	6.5%	0.0%	0.0%	0.0%	0.880		
2013	L01 Q1 P1	2014	86.7%	13.1%	0.2%	0.0%	92.5%	7.0%	0.5%	0.0%	0.0%	0.886		
2014	L01 Q1 P1	2015	90.4%	6.7%	2.9%	0.0%	89.5%	8.5%	2.0%	0.0%	0.0%	1.013		
2015	L01 Q1 P1	2016	84.3%	15.3%	0.4%	0.0%	88.5%	11.0%	0.5%	0.0%	0.0%	0.920		
2016	L01 Q1 P1	2017	91.1%	6.9%	2.0%	0.0%	87.5%	11.5%	1.0%	0.0%	0.0%	0.962		
2017	L01 Q1 P1	2018	91.7%	5.9%	2.4%	0.0%	89.0%	10.0%	1.0%	0.0%	0.0%	0.937		
2018	L01 Q1 P1	2019	93.0%	6.5%	0.5%	0.0%	90.5%	9.0%	0.5%	0.0%	0.0%	0.916		
2019	L01 Q1 P1	2020	95.7%	3.1%	1.2%	0.0%	93.5%	5.0%	1.5%	0.0%	0.0%	0.979		
2020	L01 Q1 P1	2021	95.6%	3.5%	0.9%	0.0%	93.0%	5.5%	1.5%	0.0%	0.0%	0.972		
2021	L01 Q1 P1	2012	93.6%	4.3%	2.1%	0.0%	89.5%	7.5%	3.0%	0.0%	0.0%	1.135		
2012	L01 Q1 P2	2013	86.2%	12.8%	1.0%	0.0%	87.0%	12.0%	1.0%	0.0%	0.0%	0.913		
2013	L01 Q1 P2	2014	88.1%	9.9%	2.0%	0.0%	88.0%	10.0%	2.0%	0.0%	0.0%	1.019		
2014	L01 Q1 P2	2015	81.8%	15.2%	3.0%	0.0%	82.0%	15.0%	3.0%	0.0%	0.0%	1.038		
2015	L01 Q1 P2	2016	84.1%	12.0%	3.8%	0.0%	84.5%	12.0%	3.5%	0.0%	0.0%	1.044		
2016	L01 Q1 P2	2017	86.3%	10.6%	3.1%	0.0%	86.0%	11.0%	3.0%	0.0%	0.0%	1.015		
2017	L01 Q1 P2	2018	82.7%	13.8%	3.4%	0.0%	82.5%	14.0%	3.5%	0.0%	0.0%	0.967		
2018	L01 Q1 P2	2019	87.2%	10.9%	1.9%	0.0%	87.5%	10.5%	2.0%	0.0%	0.0%	0.878		
2019	L01 Q1 P2	2020	85.5%	13.6%	0.9%	0.0%	85.5%	13.5%	1.0%	0.0%	0.0%	0.820		
2020	L01 Q1 P2	2021	84.2%	15.3%	0.5%	0.0%	84.5%	15.0%	0.5%	0.0%	0.0%	0.754		
2021	L01 Q1 P2	2012	80.3%	18.4%	1.4%	0.0%	80.0%	18.5%	1.5%	0.0%	0.0%	0.830		
2012	L01 Q1 P3	2013	87.9%	12.1%	0.0%	0.0%	88.0%	12.0%	0.0%	0.0%	0.0%	0.830		
2013	L01 Q1 P3	2014	87.5%	9.5%	3.0%	0.0%	87.5%	9.5%	3.0%	0.0%	0.0%	0.976		
2014	L01 Q1 P3	2015	84.2%	12.4%	3.3%	0.0%	84.0%	12.5%	3.5%	0.0%	0.0%	0.947		
2015	L01 Q1 P3	2016	84.3%	12.3%	3.4%	0.0%	84.0%	12.5%	3.5%	0.0%	0.0%	1.040		
2016	L01 Q1 P3	2017	82.8%	13.9%	2.8%	0.5%	82.5%	14.0%	3.0%	0.5%	0.0%	0.984		
2017	L01 Q1 P3	2018	83.1%	13.2%	3.7%	0.0%	82.5%	13.5%	4.0%	0.0%	0.0%	0.897		
2018	L01 Q1 P3	2019	78.5%	14.4%	7.2%	0.0%	78.5%	14.5%	7.0%	0.0%	0.0%	0.968		
2019	L01 Q1 P3	2020	79.7%	14.3%	4.5%	1.5%	79.5%	14.5%	4.5%	1.5%	0.0%	1.122		
2020	L01 Q1 P3	2021	79.5%	14.6%	5.4%	0.4%	79.5%	14.5%	5.5%	0.5%	0.0%	0.908		
2021	L01 Q1 P3	2012	82.1%	12.6%	4.4%	0.9%	82.0%	12.5%	4.5%	1.0%	0.0%	1.005		
2012	L01 Q1 P4	2013	86.0%	12.0%	2.0%	0.0%	86.0%	12.0%	2.0%	0.0%	0.0%	0.881		
2013	L01 Q1 P4	2014	85.2%	12.3%	2.5%	0.0%	85.5%	12.0%	2.5%	0.0%	0.0%	0.902		
2014	L01 Q1 P4	2015	81.5%	15.5%	2.9%	0.0%	81.5%	15.5%	3.0%	0.0%	0.0%	0.927		
2015	L01 Q1 P4	2016	79.4%	17.1%	3.5%	0.0%	79.5%	17.0%	3.5%	0.0%	0.0%	0.934		
2016	L01 Q1 P4	2017	80.7%	14.2%	5.1%	0.0%	81.0%	14.0%	5.0%	0.0%	0.0%	0.933		
2017	L01 Q1 P4	2018	80.3%	15.8%	3.9%	0.0%	80.5%	15.5%	4.0%	0.0%	0.0%	0.974		
2018	L01 Q1 P4	2019	79.0%	16.1%	4.4%	0.5%	79.0%	16.0%	4.5%	0.5%	0.0%	0.998		
2019	L01 Q1 P4	2020	78.3%	17.7%	4.0%	0.0%	78.0%	18.0%	4.0%	0.0%	0.0%	0.886		
2020	L01 Q1 P4	2021	74.7%	17.4%	7.5%	0.5%	74.5%	17.5%	7.5%	0.5%	0.0%	1.096		
2021	L01 Q1 P4		74.5%	18.5%	7.0%	0.0%	74.5%	18.5%	7.0%	0.0%	0.0%	0.896		

Cohort	Projection Year	Distribution of X-Mod Differences (Loss Weighted)					Distribution of X-Mod Differences (Count Weighted)					% Insureds Loss Free	CV of Mod- Differences
		Less than 5%	5% to 10%	10% to 20%	Greater than 20%		Less than 5%	5% to 10%	10% to 20%	Greater than 20%			
L01 Q1 P5	2012	91.5%	8.0%	0.5%	0.0%		91.5%	8.0%	0.5%	0.0%		0.0%	0.833
L01 Q1 P5	2013	86.9%	11.5%	1.5%	0.0%		87.0%	11.5%	1.5%	0.0%		0.0%	0.977
L01 Q1 P5	2014	84.0%	14.5%	1.5%	0.0%		84.0%	14.5%	1.5%	0.0%		0.0%	0.965
L01 Q1 P5	2015	83.6%	11.9%	4.0%	0.5%		83.5%	12.0%	4.0%	0.5%		0.0%	1.095
L01 Q1 P5	2016	84.0%	11.0%	4.6%	0.5%		84.0%	11.0%	4.5%	0.5%		0.0%	1.134
L01 Q1 P5	2017	83.6%	12.9%	3.5%	0.0%		83.5%	13.0%	3.5%	0.0%		0.0%	0.938
L01 Q1 P5	2018	85.2%	12.2%	2.0%	0.5%		85.0%	12.5%	2.0%	0.5%		0.0%	0.916
L01 Q1 P5	2019	80.4%	14.0%	5.0%	0.5%		80.5%	14.0%	5.0%	0.5%		0.0%	1.018
L01 Q1 P5	2020	82.4%	14.7%	2.9%	0.0%		82.5%	14.5%	3.0%	0.0%		0.0%	0.792
L01 Q1 P5	2021	77.2%	17.3%	4.6%	1.0%		77.0%	17.5%	4.5%	1.0%		0.0%	0.965
L01 Q2	2012	86.9%	11.8%	1.3%	0.1%		86.7%	11.9%	1.3%	0.1%		0.0%	0.930
L01 Q2	2013	85.4%	12.4%	2.2%	0.0%		85.2%	12.5%	2.3%	0.0%		0.0%	0.951
L01 Q2	2014	83.6%	13.6%	2.8%	0.0%		83.5%	13.7%	2.8%	0.0%		0.0%	0.973
L01 Q2	2015	84.2%	12.8%	2.9%	0.1%		84.0%	13.0%	2.9%	0.1%		0.0%	0.977
L01 Q2	2016	78.6%	16.5%	4.7%	0.2%		78.8%	16.6%	4.4%	0.2%		0.0%	0.936
L01 Q2	2017	78.6%	17.3%	3.7%	0.4%		78.3%	17.6%	3.7%	0.4%		0.0%	0.969
L01 Q2	2018	74.8%	19.4%	5.5%	0.4%		74.7%	19.6%	5.3%	0.4%		0.0%	0.897
L01 Q2	2019	73.8%	19.7%	6.4%	0.1%		73.9%	19.7%	6.3%	0.1%		0.1%	0.902
L01 Q2	2020	73.2%	20.1%	6.4%	0.3%		73.7%	19.7%	6.2%	0.4%		0.0%	0.918
L01 Q2	2021	76.4%	17.2%	5.5%	0.8%		76.5%	17.3%	5.4%	0.8%		0.0%	1.012
L01 Q3	2012	87.1%	11.4%	1.5%	0.0%		87.1%	11.4%	1.5%	0.0%		0.0%	0.909
L01 Q3	2013	85.7%	12.2%	2.0%	0.1%		85.7%	12.2%	2.0%	0.1%		0.1%	0.974
L01 Q3	2014	83.0%	14.2%	2.8%	0.0%		82.9%	14.3%	2.8%	0.0%		0.2%	0.983
L01 Q3	2015	81.4%	15.8%	2.8%	0.0%		81.5%	15.7%	2.8%	0.0%		0.3%	0.962
L01 Q3	2016	81.1%	14.6%	4.3%	0.0%		81.1%	14.6%	4.3%	0.0%		0.2%	0.921
L01 Q3	2017	79.7%	17.2%	2.9%	0.2%		79.7%	17.1%	3.0%	0.2%		0.1%	0.946
L01 Q3	2018	77.7%	18.0%	3.8%	0.5%		77.4%	18.2%	3.9%	0.5%		0.2%	0.974
L01 Q3	2019	76.9%	17.7%	5.0%	0.5%		76.8%	17.6%	5.1%	0.5%		0.2%	0.988
L01 Q3	2020	75.2%	19.0%	5.3%	0.5%		75.1%	19.0%	5.4%	0.5%		0.1%	1.003
L01 Q3	2021	76.9%	16.7%	5.5%	0.8%		76.7%	17.0%	5.5%	0.8%		0.1%	1.001
L01 Q4	2012	87.4%	12.0%	0.5%	0.0%		87.5%	12.0%	0.5%	0.0%		0.4%	0.896
L01 Q4	2013	85.0%	12.7%	2.4%	0.0%		85.2%	12.5%	2.3%	0.0%		0.3%	0.941
L01 Q4	2014	84.0%	12.9%	3.0%	0.1%		84.2%	12.7%	3.0%	0.1%		0.3%	0.997
L01 Q4	2015	82.2%	14.9%	2.9%	0.0%		82.3%	14.8%	2.9%	0.0%		0.1%	0.923
L01 Q4	2016	81.7%	14.6%	3.6%	0.1%		81.8%	14.6%	3.5%	0.1%		0.2%	0.925
L01 Q4	2017	81.1%	15.9%	2.8%	0.3%		81.1%	15.8%	2.8%	0.3%		0.2%	0.929
L01 Q4	2018	77.6%	18.6%	3.9%	0.0%		77.6%	18.6%	3.8%	0.0%		0.3%	0.887
L01 Q4	2019	76.3%	17.3%	5.8%	0.5%		76.2%	17.4%	5.9%	0.5%		0.2%	0.972
L01 Q4	2020	75.4%	18.4%	5.7%	0.6%		75.2%	18.5%	5.7%	0.6%		0.5%	0.956
L01 Q4	2021	73.9%	19.8%	6.2%	0.2%		73.8%	19.8%	6.2%	0.2%		0.6%	0.895

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		Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%	
L01 Q5	2012	86.8%	12.3%	0.9%	0.0%	86.8%	12.3%	0.9%	0.0%	86.8%	12.3%	0.9%	0.0%	0.874
L01 Q5	2013	86.2%	11.9%	1.8%	0.1%	86.1%	12.0%	1.8%	0.1%	86.1%	12.0%	1.8%	0.1%	0.931
L01 Q5	2014	85.0%	12.8%	2.2%	0.0%	85.0%	12.8%	2.2%	0.0%	85.0%	12.8%	2.2%	0.0%	0.947
L01 Q5	2015	84.8%	12.2%	3.0%	0.0%	84.9%	12.1%	3.0%	0.0%	84.9%	12.1%	3.0%	0.0%	0.972
L01 Q5	2016	83.5%	13.1%	3.3%	0.2%	83.4%	13.1%	3.3%	0.2%	83.4%	13.1%	3.3%	0.2%	0.954
L01 Q5	2017	79.5%	16.4%	3.8%	0.3%	79.5%	16.4%	3.8%	0.3%	79.5%	16.4%	3.8%	0.3%	0.928
L01 Q5	2018	72.5%	21.5%	5.6%	0.3%	72.7%	21.4%	5.6%	0.3%	72.7%	21.4%	5.6%	0.3%	0.867
L01 Q5	2019	71.6%	22.9%	5.3%	0.2%	71.6%	22.9%	5.3%	0.2%	71.6%	22.9%	5.3%	0.2%	0.901
L01 Q5	2020	73.4%	19.5%	6.5%	0.6%	73.3%	19.6%	6.5%	0.6%	73.3%	19.6%	6.5%	0.6%	0.956
L01 Q5	2021	74.1%	20.1%	5.3%	0.5%	74.0%	20.2%	5.3%	0.5%	74.0%	20.2%	5.3%	0.5%	0.937
L02	2012	86.4%	12.6%	1.0%	0.0%	86.4%	12.6%	1.0%	0.0%	86.4%	12.6%	1.0%	0.0%	0.890
L02	2013	86.6%	11.9%	1.5%	0.0%	86.6%	11.9%	1.5%	0.0%	86.6%	11.9%	1.5%	0.0%	0.914
L02	2014	85.0%	12.8%	2.1%	0.0%	85.0%	12.9%	2.1%	0.0%	85.0%	12.9%	2.1%	0.0%	0.920
L02	2015	83.4%	14.1%	2.5%	0.0%	83.4%	14.1%	2.5%	0.0%	83.4%	14.1%	2.5%	0.0%	0.922
L02	2016	81.1%	15.8%	3.0%	0.1%	81.1%	15.9%	2.9%	0.1%	81.1%	15.9%	2.9%	0.1%	0.945
L02	2017	80.6%	16.4%	2.9%	0.1%	80.5%	16.5%	2.8%	0.1%	80.5%	16.5%	2.8%	0.1%	0.923
L02	2018	76.0%	19.4%	4.5%	0.2%	76.1%	19.3%	4.5%	0.2%	76.1%	19.3%	4.5%	0.2%	0.916
L02	2019	76.0%	19.0%	4.6%	0.4%	76.0%	19.0%	4.6%	0.4%	76.0%	19.0%	4.6%	0.4%	0.932
L02	2020	74.7%	20.4%	4.5%	0.4%	74.8%	20.3%	4.6%	0.4%	74.8%	20.3%	4.6%	0.4%	0.942
L02	2021	75.2%	20.5%	4.2%	0.2%	75.0%	20.7%	4.2%	0.2%	75.0%	20.7%	4.2%	0.2%	0.890
L03	2012	87.5%	11.2%	1.3%	0.0%	87.5%	11.2%	1.3%	0.0%	87.5%	11.2%	1.3%	0.0%	0.890
L03	2013	86.8%	11.8%	1.3%	0.0%	86.8%	11.9%	1.3%	0.0%	86.8%	11.9%	1.3%	0.0%	0.906
L03	2014	84.1%	14.4%	1.5%	0.0%	84.1%	14.4%	1.5%	0.0%	84.1%	14.4%	1.5%	0.0%	0.878
L03	2015	83.0%	15.1%	1.9%	0.0%	83.0%	15.1%	1.8%	0.0%	83.0%	15.1%	1.8%	0.0%	0.884
L03	2016	81.8%	15.7%	2.5%	0.0%	81.9%	15.6%	2.5%	0.0%	81.9%	15.6%	2.5%	0.0%	0.909
L03	2017	80.7%	16.6%	2.6%	0.1%	80.8%	16.5%	2.6%	0.1%	80.8%	16.5%	2.6%	0.1%	0.909
L03	2018	77.3%	18.2%	4.4%	0.0%	77.4%	18.2%	4.3%	0.0%	77.4%	18.2%	4.3%	0.0%	0.901
L03	2019	77.4%	18.3%	4.2%	0.1%	77.4%	18.2%	4.2%	0.1%	77.4%	18.2%	4.2%	0.1%	0.916
L03	2020	76.3%	19.5%	4.0%	0.2%	76.4%	19.5%	3.9%	0.2%	76.4%	19.5%	3.9%	0.2%	0.941
L03	2021	77.3%	19.2%	3.3%	0.2%	77.4%	19.2%	3.2%	0.2%	77.4%	19.2%	3.2%	0.2%	0.932
L04	2012	87.9%	11.2%	0.9%	0.0%	88.0%	11.1%	0.9%	0.0%	88.0%	11.1%	0.9%	0.0%	0.893
L04	2013	86.8%	12.2%	1.0%	0.0%	86.8%	12.2%	1.0%	0.0%	86.8%	12.2%	1.0%	0.0%	0.896
L04	2014	85.4%	13.3%	1.3%	0.0%	85.4%	13.3%	1.3%	0.0%	85.4%	13.3%	1.3%	0.0%	0.886
L04	2015	83.9%	14.7%	1.4%	0.0%	83.9%	14.7%	1.4%	0.0%	83.9%	14.7%	1.4%	0.0%	0.876
L04	2016	82.3%	15.6%	2.1%	0.0%	82.4%	15.6%	2.0%	0.0%	82.4%	15.6%	2.0%	0.0%	0.888
L04	2017	81.6%	16.5%	1.9%	0.0%	81.6%	16.5%	1.9%	0.0%	81.6%	16.5%	1.9%	0.0%	0.872
L04	2018	78.6%	18.6%	2.7%	0.0%	78.6%	18.6%	2.7%	0.0%	78.6%	18.6%	2.7%	0.0%	0.889
L04	2019	79.5%	17.3%	3.1%	0.1%	79.6%	17.3%	3.0%	0.1%	79.6%	17.3%	3.0%	0.1%	0.946
L04	2020	78.7%	17.8%	3.4%	0.1%	78.7%	17.9%	3.3%	0.1%	78.7%	17.9%	3.3%	0.1%	0.935
L04	2021	78.4%	18.8%	2.7%	0.1%	78.4%	18.8%	2.7%	0.1%	78.4%	18.8%	2.7%	0.1%	0.888

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		Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%
L05	2012	88.5%	11.0%	0.5%	0.0%	88.6%	10.9%	0.5%	0.0%	88.6%	10.9%	0.5%	0.0%
L05	2013	88.4%	10.7%	0.9%	0.0%	88.3%	10.7%	1.0%	0.0%	88.3%	10.7%	1.0%	0.0%
L05	2014	86.3%	12.6%	1.2%	0.0%	86.3%	12.5%	1.2%	0.0%	86.3%	12.5%	1.2%	0.0%
L05	2015	85.2%	13.6%	1.2%	0.1%	85.2%	13.5%	1.2%	0.1%	85.2%	13.5%	1.2%	0.1%
L05	2016	83.7%	14.7%	1.6%	0.0%	83.8%	14.6%	1.6%	0.0%	83.8%	14.6%	1.6%	0.0%
L05	2017	84.6%	13.8%	1.7%	0.0%	84.6%	13.7%	1.6%	0.0%	84.6%	13.7%	1.6%	0.0%
L05	2018	80.0%	17.4%	2.6%	0.1%	80.0%	17.4%	2.6%	0.1%	80.0%	17.4%	2.6%	0.1%
L05	2019	80.1%	17.1%	2.8%	0.1%	80.1%	17.1%	2.7%	0.1%	80.1%	17.1%	2.7%	0.1%
L05	2020	79.9%	17.2%	2.8%	0.1%	79.9%	17.2%	2.8%	0.1%	79.9%	17.2%	2.8%	0.1%
L05	2021	80.0%	17.6%	2.3%	0.1%	80.0%	17.7%	2.3%	0.1%	80.0%	17.7%	2.3%	0.1%
L06	2012	90.1%	9.6%	0.3%	0.0%	90.1%	9.6%	0.3%	0.0%	90.1%	9.6%	0.3%	0.0%
L06	2013	88.6%	10.7%	0.7%	0.0%	88.7%	10.7%	0.7%	0.0%	88.7%	10.7%	0.7%	0.0%
L06	2014	87.4%	12.0%	0.6%	0.0%	87.5%	11.9%	0.6%	0.0%	87.5%	11.9%	0.6%	0.0%
L06	2015	87.5%	12.0%	0.6%	0.0%	87.5%	11.9%	0.6%	0.0%	87.5%	11.9%	0.6%	0.0%
L06	2016	84.5%	14.3%	1.2%	0.0%	84.5%	14.3%	1.1%	0.0%	84.5%	14.3%	1.1%	0.0%
L06	2017	85.0%	13.7%	1.3%	0.0%	85.0%	13.7%	1.3%	0.0%	85.0%	13.7%	1.3%	0.0%
L06	2018	81.3%	17.1%	1.5%	0.0%	81.4%	17.1%	1.5%	0.0%	81.4%	17.1%	1.5%	0.0%
L06	2019	82.6%	15.2%	2.2%	0.1%	82.6%	15.1%	2.2%	0.1%	82.6%	15.1%	2.2%	0.1%
L06	2020	80.6%	16.8%	2.5%	0.1%	80.7%	16.8%	2.5%	0.1%	80.7%	16.8%	2.5%	0.1%
L06	2021	80.8%	17.6%	1.6%	0.0%	80.8%	17.6%	1.6%	0.0%	80.8%	17.6%	1.6%	0.0%
L07	2012	90.6%	9.1%	0.4%	0.0%	90.6%	9.0%	0.4%	0.0%	90.6%	9.0%	0.4%	0.0%
L07	2013	90.2%	9.4%	0.4%	0.0%	90.2%	9.4%	0.4%	0.0%	90.2%	9.4%	0.4%	0.0%
L07	2014	88.9%	10.7%	0.4%	0.0%	89.0%	10.6%	0.4%	0.0%	89.0%	10.6%	0.4%	0.0%
L07	2015	88.6%	10.9%	0.5%	0.0%	88.7%	10.8%	0.5%	0.0%	88.7%	10.8%	0.5%	0.0%
L07	2016	86.5%	12.8%	0.7%	0.0%	86.5%	12.8%	0.7%	0.0%	86.5%	12.8%	0.7%	0.0%
L07	2017	86.1%	12.9%	1.0%	0.0%	86.1%	12.9%	1.0%	0.0%	86.1%	12.9%	1.0%	0.0%
L07	2018	82.2%	16.8%	0.9%	0.0%	82.3%	16.8%	0.9%	0.0%	82.3%	16.8%	0.9%	0.0%
L07	2019	82.6%	15.4%	1.9%	0.1%	82.6%	15.4%	1.9%	0.1%	82.6%	15.4%	1.9%	0.1%
L07	2020	82.2%	15.9%	1.8%	0.1%	82.2%	15.9%	1.8%	0.1%	82.2%	15.9%	1.8%	0.1%
L07	2021	82.7%	16.3%	1.0%	0.0%	82.8%	16.2%	1.0%	0.0%	82.8%	16.2%	1.0%	0.0%
L08	2012	92.6%	7.2%	0.3%	0.0%	92.6%	7.2%	0.3%	0.0%	92.6%	7.2%	0.3%	0.0%
L08	2013	91.3%	8.5%	0.1%	0.0%	91.3%	8.5%	0.1%	0.0%	91.3%	8.5%	0.1%	0.0%
L08	2014	90.4%	9.2%	0.4%	0.0%	90.4%	9.2%	0.4%	0.0%	90.4%	9.2%	0.4%	0.0%
L08	2015	90.0%	9.5%	0.5%	0.0%	90.0%	9.5%	0.5%	0.0%	90.0%	9.5%	0.5%	0.0%
L08	2016	89.9%	9.5%	0.5%	0.0%	90.0%	9.5%	0.5%	0.0%	90.0%	9.5%	0.5%	0.0%
L08	2017	88.1%	11.3%	0.6%	0.0%	88.2%	11.2%	0.6%	0.0%	88.2%	11.2%	0.6%	0.0%
L08	2018	82.0%	16.9%	1.0%	0.0%	82.0%	16.9%	1.0%	0.0%	82.0%	16.9%	1.0%	0.0%
L08	2019	83.0%	15.4%	1.5%	0.1%	83.0%	15.4%	1.5%	0.1%	83.0%	15.4%	1.5%	0.1%
L08	2020	82.8%	15.2%	2.0%	0.0%	82.8%	15.2%	2.0%	0.0%	82.8%	15.2%	2.0%	0.0%
L08	2021	83.6%	15.6%	0.8%	0.0%	83.6%	15.5%	0.8%	0.0%	83.6%	15.5%	0.8%	0.0%

Cohort	Projection Year	Distribution of X-Mod Differences (Loss Weighted)				Distribution of X-Mod Differences (Count Weighted)				% Insureds Loss Free	CV of Mod- Differences
		Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%		
L09	2012	93.1%	6.7%	0.2%	0.0%	93.1%	6.7%	0.2%	0.0%	31.5%	0.851
L09	2013	92.3%	7.5%	0.1%	0.0%	92.3%	7.5%	0.1%	0.0%	33.1%	0.887
L09	2014	91.4%	8.1%	0.5%	0.0%	91.4%	8.1%	0.5%	0.0%	32.0%	0.871
L09	2015	91.0%	8.9%	0.2%	0.0%	91.0%	8.9%	0.2%	0.0%	30.4%	0.829
L09	2016	90.8%	8.7%	0.5%	0.0%	90.8%	8.7%	0.5%	0.0%	29.8%	0.816
L09	2017	90.7%	8.7%	0.6%	0.0%	90.8%	8.7%	0.6%	0.0%	30.4%	0.782
L09	2018	84.4%	15.2%	0.4%	0.0%	84.4%	15.2%	0.4%	0.0%	28.7%	0.838
L09	2019	83.5%	15.1%	1.4%	0.1%	83.5%	15.0%	1.4%	0.1%	28.3%	0.883
L09	2020	83.2%	15.4%	1.4%	0.0%	83.2%	15.4%	1.4%	0.0%	27.9%	0.839
L09	2021	84.1%	15.3%	0.6%	0.0%	84.1%	15.3%	0.6%	0.0%	27.9%	0.829
L10	2012	93.9%	6.1%	0.0%	0.0%	93.9%	6.1%	0.0%	0.0%	35.1%	0.837
L10	2013	93.5%	6.4%	0.1%	0.0%	93.5%	6.4%	0.1%	0.0%	37.4%	0.891
L10	2014	91.8%	7.7%	0.5%	0.0%	91.8%	7.7%	0.5%	0.0%	35.7%	0.874
L10	2015	91.6%	8.3%	0.1%	0.0%	91.6%	8.3%	0.1%	0.0%	36.0%	0.813
L10	2016	92.1%	7.7%	0.2%	0.0%	92.1%	7.7%	0.2%	0.0%	34.3%	0.795
L10	2017	92.8%	6.9%	0.3%	0.0%	92.8%	6.9%	0.3%	0.0%	34.0%	0.766
L10	2018	85.3%	14.1%	0.5%	0.0%	85.3%	14.1%	0.5%	0.0%	32.0%	0.861
L10	2019	84.5%	14.3%	1.1%	0.0%	84.6%	14.3%	1.1%	0.0%	31.9%	0.874
L10	2020	84.1%	14.9%	1.0%	0.0%	84.1%	14.9%	1.0%	0.0%	31.9%	0.844
L10	2021	85.8%	13.6%	0.6%	0.0%	85.8%	13.6%	0.6%	0.0%	32.5%	0.811
L11	2012	94.1%	5.9%	0.1%	0.0%	94.1%	5.9%	0.1%	0.0%	39.5%	0.829
L11	2013	94.1%	5.8%	0.0%	0.0%	94.1%	5.8%	0.0%	0.0%	39.5%	0.898
L11	2014	93.7%	6.0%	0.3%	0.0%	93.7%	6.0%	0.3%	0.0%	39.8%	0.878
L11	2015	92.0%	7.9%	0.1%	0.0%	92.0%	7.9%	0.1%	0.0%	39.9%	0.840
L11	2016	92.3%	7.5%	0.2%	0.0%	92.3%	7.5%	0.2%	0.0%	37.5%	0.799
L11	2017	93.1%	6.5%	0.4%	0.0%	93.1%	6.5%	0.4%	0.0%	36.7%	0.774
L11	2018	89.1%	10.7%	0.2%	0.0%	89.1%	10.7%	0.2%	0.0%	35.9%	0.845
L11	2019	87.4%	12.0%	0.6%	0.0%	87.4%	11.9%	0.6%	0.0%	37.4%	0.839
L11	2020	86.1%	13.1%	0.8%	0.0%	86.1%	13.1%	0.8%	0.0%	34.2%	0.828
L11	2021	89.0%	10.5%	0.5%	0.0%	89.1%	10.4%	0.5%	0.0%	36.1%	0.816
L12	2012	95.0%	5.0%	0.0%	0.0%	95.1%	4.9%	0.0%	0.0%	42.5%	0.846
L12	2013	94.9%	5.1%	0.0%	0.0%	94.9%	5.1%	0.0%	0.0%	44.5%	0.876
L12	2014	94.1%	5.7%	0.2%	0.0%	94.1%	5.7%	0.2%	0.0%	43.1%	0.885
L12	2015	94.9%	5.0%	0.0%	0.0%	94.9%	5.0%	0.0%	0.0%	42.1%	0.827
L12	2016	94.3%	5.6%	0.1%	0.0%	94.3%	5.6%	0.1%	0.0%	41.2%	0.799
L12	2017	94.1%	5.8%	0.1%	0.0%	94.2%	5.8%	0.1%	0.0%	40.3%	0.762
L12	2018	91.1%	8.8%	0.1%	0.0%	91.1%	8.8%	0.1%	0.0%	39.6%	0.846
L12	2019	90.9%	8.6%	0.6%	0.0%	90.9%	8.6%	0.6%	0.0%	38.6%	0.839
L12	2020	88.7%	10.6%	0.8%	0.0%	88.7%	10.6%	0.8%	0.0%	38.7%	0.836
L12	2021	92.1%	7.6%	0.3%	0.0%	92.1%	7.5%	0.3%	0.0%	39.3%	0.819

Cohort	Projection Year	Distribution of X-Mod Differences (Loss Weighted)				Distribution of X-Mod Differences (Count Weighted)				% Insureds Loss Free	CV of Mod- Differences
		Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%		
L13	2012	95.9%	4.1%	0.0%	0.0%	95.9%	4.1%	0.0%	0.0%	47.2%	0.812
	2013	95.5%	4.5%	0.0%	0.0%	95.5%	4.5%	0.0%	0.0%	47.7%	0.895
	2014	95.4%	4.5%	0.1%	0.0%	95.4%	4.5%	0.1%	0.0%	45.2%	0.880
	2015	96.0%	4.0%	0.0%	0.0%	96.0%	4.0%	0.0%	0.0%	46.6%	0.805
	2016	95.0%	4.9%	0.1%	0.0%	95.0%	4.9%	0.1%	0.0%	44.7%	0.797
	2017	94.3%	5.6%	0.1%	0.0%	94.3%	5.6%	0.1%	0.0%	43.4%	0.761
	2018	92.8%	7.0%	0.1%	0.0%	92.9%	7.0%	0.1%	0.0%	42.9%	0.825
	2019	91.7%	8.0%	0.3%	0.0%	91.7%	8.0%	0.3%	0.0%	41.7%	0.837
	2020	90.4%	9.0%	0.6%	0.0%	90.4%	9.1%	0.6%	0.0%	41.8%	0.822
	2021	92.2%	7.6%	0.2%	0.0%	92.3%	7.6%	0.2%	0.0%	43.5%	0.794
	L14	2012	96.1%	3.8%	0.0%	0.0%	96.1%	3.8%	0.0%	0.0%	50.7%
2013		94.9%	5.1%	0.0%	0.0%	94.9%	5.1%	0.0%	0.0%	49.7%	0.916
2014		95.5%	4.4%	0.0%	0.0%	95.5%	4.4%	0.0%	0.0%	50.2%	0.879
2015		95.3%	4.7%	0.0%	0.0%	95.4%	4.6%	0.0%	0.0%	49.1%	0.819
2016		95.0%	4.9%	0.0%	0.0%	95.0%	4.9%	0.0%	0.0%	48.2%	0.794
2017		94.9%	5.1%	0.0%	0.0%	94.9%	5.1%	0.0%	0.0%	46.5%	0.760
2018		94.1%	5.8%	0.1%	0.0%	94.1%	5.8%	0.1%	0.0%	45.7%	0.851
2019		92.5%	7.1%	0.3%	0.0%	92.5%	7.1%	0.3%	0.0%	45.4%	0.839
2020		91.9%	7.8%	0.3%	0.0%	91.9%	7.8%	0.3%	0.0%	46.6%	0.823
2021		92.6%	7.2%	0.2%	0.0%	92.6%	7.2%	0.2%	0.0%	47.3%	0.801
L15		2012	96.1%	3.9%	0.0%	0.0%	96.1%	3.9%	0.0%	0.0%	52.7%
	2013	95.5%	4.5%	0.0%	0.0%	95.5%	4.5%	0.0%	0.0%	53.6%	0.923
	2014	96.0%	3.9%	0.0%	0.0%	96.0%	3.9%	0.0%	0.0%	52.2%	0.914
	2015	95.9%	4.0%	0.0%	0.0%	95.9%	4.0%	0.0%	0.0%	51.4%	0.824
	2016	96.0%	4.0%	0.1%	0.0%	95.9%	4.0%	0.1%	0.0%	49.2%	0.798
	2017	95.6%	4.4%	0.0%	0.0%	95.6%	4.4%	0.0%	0.0%	48.4%	0.763
	2018	94.8%	5.2%	0.1%	0.0%	94.8%	5.1%	0.1%	0.0%	48.4%	0.837
	2019	93.3%	6.4%	0.3%	0.0%	93.3%	6.4%	0.3%	0.0%	48.3%	0.833
	2020	93.3%	6.5%	0.1%	0.0%	93.3%	6.5%	0.1%	0.0%	47.9%	0.844
	2021	93.0%	6.7%	0.3%	0.0%	93.0%	6.7%	0.3%	0.0%	49.1%	0.799
	L16	2012	97.1%	2.9%	0.0%	0.0%	97.1%	2.9%	0.0%	0.0%	55.3%
2013		96.2%	3.8%	0.0%	0.0%	96.2%	3.8%	0.0%	0.0%	56.4%	0.913
2014		96.2%	3.8%	0.1%	0.0%	96.2%	3.8%	0.1%	0.0%	56.4%	0.929
2015		97.0%	3.0%	0.0%	0.0%	97.0%	3.0%	0.0%	0.0%	54.1%	0.853
2016		96.4%	3.6%	0.1%	0.0%	96.4%	3.6%	0.1%	0.0%	53.9%	0.808
2017		95.3%	4.7%	0.0%	0.0%	95.3%	4.7%	0.0%	0.0%	52.5%	0.760
2018		94.8%	5.2%	0.0%	0.0%	94.8%	5.2%	0.0%	0.0%	51.8%	0.824
2019		93.8%	6.1%	0.1%	0.0%	93.8%	6.1%	0.1%	0.0%	51.9%	0.828
2020		92.2%	7.5%	0.3%	0.0%	92.2%	7.5%	0.3%	0.0%	51.4%	0.815
2021		93.5%	6.3%	0.2%	0.0%	93.4%	6.3%	0.2%	0.0%	52.0%	0.794

	Cohort	Projection Year	Distribution of X-Mod Differences (Loss Weighted)				Distribution of X-Mod Differences (Count Weighted)				% Insureds Loss Free	CV of Mod- Differences
			Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%		
L17	L17	2012	97.4%	2.6%	0.0%	0.0%	97.4%	2.6%	0.0%	0.0%	57.3%	0.828
	L17	2013	97.2%	2.8%	0.0%	0.0%	97.2%	2.8%	0.0%	0.0%	58.4%	0.893
	L17	2014	96.9%	3.1%	0.0%	0.0%	96.9%	3.1%	0.0%	0.0%	59.0%	0.892
	L17	2015	97.4%	2.6%	0.0%	0.0%	97.4%	2.6%	0.0%	0.0%	57.8%	0.828
	L17	2016	96.6%	3.3%	0.0%	0.0%	96.6%	3.3%	0.0%	0.0%	55.5%	0.804
	L17	2017	96.2%	3.8%	0.0%	0.0%	96.2%	3.8%	0.0%	0.0%	53.8%	0.759
	L17	2018	95.4%	4.6%	0.0%	0.0%	95.4%	4.6%	0.0%	0.0%	54.6%	0.815
	L17	2019	94.3%	5.6%	0.1%	0.0%	94.3%	5.6%	0.1%	0.0%	54.1%	0.828
	L17	2020	92.7%	7.1%	0.2%	0.0%	92.7%	7.1%	0.2%	0.0%	54.7%	0.803
	L17	2021	94.3%	5.5%	0.2%	0.0%	94.3%	5.5%	0.2%	0.0%	54.7%	0.804
	L18	L18	2012	97.6%	2.4%	0.0%	0.0%	97.6%	2.4%	0.0%	0.0%	59.9%
L18		2013	96.8%	3.2%	0.0%	0.0%	96.8%	3.2%	0.0%	0.0%	60.4%	0.919
L18		2014	97.0%	3.0%	0.0%	0.0%	97.0%	3.0%	0.0%	0.0%	60.6%	0.953
L18		2015	98.0%	2.0%	0.0%	0.0%	98.0%	2.0%	0.0%	0.0%	59.2%	0.840
L18		2016	97.7%	2.2%	0.1%	0.0%	97.7%	2.2%	0.1%	0.0%	59.2%	0.797
L18		2017	97.6%	2.4%	0.0%	0.0%	97.6%	2.4%	0.0%	0.0%	57.4%	0.752
L18		2018	96.4%	3.6%	0.0%	0.0%	96.4%	3.6%	0.0%	0.0%	57.0%	0.829
L18		2019	95.1%	4.8%	0.0%	0.0%	95.1%	4.8%	0.0%	0.0%	56.8%	0.827
L18		2020	95.1%	4.9%	0.0%	0.0%	95.1%	4.9%	0.0%	0.0%	56.7%	0.775
L18		2021	93.3%	6.5%	0.2%	0.0%	93.3%	6.5%	0.2%	0.0%	56.8%	0.791
L19		L19	2012	97.7%	2.3%	0.0%	0.0%	97.7%	2.3%	0.0%	0.0%	62.0%
	L19	2013	97.0%	3.0%	0.0%	0.0%	97.0%	3.0%	0.0%	0.0%	63.0%	0.917
	L19	2014	97.5%	2.5%	0.0%	0.0%	97.5%	2.5%	0.0%	0.0%	62.9%	0.938
	L19	2015	98.0%	2.0%	0.0%	0.0%	98.0%	2.0%	0.0%	0.0%	61.7%	0.855
	L19	2016	97.7%	2.3%	0.0%	0.0%	97.7%	2.3%	0.0%	0.0%	61.0%	0.792
	L19	2017	97.7%	2.3%	0.0%	0.0%	97.7%	2.3%	0.0%	0.0%	60.0%	0.763
	L19	2018	96.2%	3.7%	0.1%	0.0%	96.2%	3.7%	0.1%	0.0%	59.9%	0.843
	L19	2019	94.5%	5.4%	0.1%	0.0%	94.5%	5.4%	0.1%	0.0%	57.5%	0.830
	L19	2020	92.9%	7.0%	0.1%	0.0%	92.9%	7.0%	0.1%	0.0%	59.0%	0.804
	L19	2021	95.4%	4.5%	0.1%	0.0%	95.4%	4.5%	0.1%	0.0%	59.4%	0.808
	L20	L20	2012	97.7%	2.3%	0.0%	0.0%	97.7%	2.3%	0.0%	0.0%	63.3%
L20		2013	97.5%	2.5%	0.0%	0.0%	97.5%	2.5%	0.0%	0.0%	64.3%	0.910
L20		2014	98.0%	1.9%	0.0%	0.0%	98.0%	1.9%	0.0%	0.0%	63.2%	0.944
L20		2015	98.3%	1.7%	0.0%	0.0%	98.3%	1.7%	0.0%	0.0%	62.4%	0.874
L20		2016	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	61.9%	0.806
L20		2017	97.8%	2.2%	0.0%	0.0%	97.8%	2.2%	0.0%	0.0%	62.7%	0.790
L20		2018	97.0%	3.0%	0.0%	0.0%	97.0%	3.0%	0.0%	0.0%	61.1%	0.860
L20		2019	95.5%	4.5%	0.1%	0.0%	95.5%	4.5%	0.1%	0.0%	61.4%	0.814
L20		2020	95.6%	4.3%	0.1%	0.0%	95.6%	4.3%	0.1%	0.0%	61.0%	0.791
L20		2021	95.8%	4.1%	0.1%	0.0%	95.8%	4.1%	0.1%	0.0%	61.8%	0.788

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			Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%		
	L21	2012	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	65.8%	0.849
	L21	2013	97.8%	2.2%	0.0%	0.0%	97.8%	2.2%	0.0%	0.0%	65.5%	0.918
	L21	2014	97.9%	2.1%	0.0%	0.0%	97.9%	2.1%	0.0%	0.0%	64.7%	0.961
	L21	2015	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	65.5%	0.864
	L21	2016	98.6%	1.4%	0.0%	0.0%	98.6%	1.4%	0.0%	0.0%	63.6%	0.802
	L21	2017	98.0%	2.0%	0.0%	0.0%	98.0%	2.0%	0.0%	0.0%	62.8%	0.803
	L21	2018	97.5%	2.5%	0.0%	0.0%	97.5%	2.5%	0.0%	0.0%	62.6%	0.839
	L21	2019	96.7%	3.3%	0.1%	0.0%	96.7%	3.3%	0.1%	0.0%	62.6%	0.832
	L21	2020	95.8%	4.0%	0.2%	0.0%	95.8%	4.0%	0.2%	0.0%	63.6%	0.794
	L21	2021	95.8%	4.2%	0.0%	0.0%	95.8%	4.2%	0.0%	0.0%	62.1%	0.789
		L22	2012	98.0%	2.0%	0.0%	0.0%	98.0%	2.0%	0.0%	0.0%	67.0%
L22		2013	98.1%	1.9%	0.0%	0.0%	98.1%	1.9%	0.0%	0.0%	68.7%	0.911
L22		2014	98.7%	1.3%	0.0%	0.0%	98.7%	1.3%	0.0%	0.0%	67.0%	0.928
L22		2015	98.3%	1.7%	0.0%	0.0%	98.3%	1.7%	0.0%	0.0%	67.5%	0.875
L22		2016	98.3%	1.7%	0.0%	0.0%	98.3%	1.7%	0.0%	0.0%	66.6%	0.823
L22		2017	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	65.8%	0.773
L22		2018	97.2%	2.7%	0.1%	0.0%	97.2%	2.7%	0.1%	0.0%	64.7%	0.870
L22		2019	96.6%	3.3%	0.1%	0.0%	96.6%	3.3%	0.1%	0.0%	65.3%	0.864
L22		2020	95.8%	4.2%	0.1%	0.0%	95.8%	4.2%	0.1%	0.0%	64.1%	0.796
L22		2021	96.1%	3.9%	0.1%	0.0%	96.1%	3.9%	0.1%	0.0%	65.6%	0.813
		L23	2012	98.7%	1.3%	0.0%	0.0%	98.7%	1.3%	0.0%	0.0%	68.9%
	L23	2013	98.2%	1.8%	0.0%	0.0%	98.2%	1.8%	0.0%	0.0%	68.7%	0.922
	L23	2014	98.2%	1.8%	0.0%	0.0%	98.2%	1.8%	0.0%	0.0%	68.7%	0.971
	L23	2015	98.7%	1.3%	0.0%	0.0%	98.7%	1.3%	0.0%	0.0%	67.8%	0.891
	L23	2016	98.5%	1.5%	0.0%	0.0%	98.5%	1.5%	0.0%	0.0%	68.1%	0.828
	L23	2017	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	65.8%	0.797
	L23	2018	98.4%	1.6%	0.0%	0.0%	98.4%	1.6%	0.0%	0.0%	66.1%	0.873
	L23	2019	97.5%	2.4%	0.0%	0.0%	97.5%	2.4%	0.0%	0.0%	65.2%	0.848
	L23	2020	95.1%	4.8%	0.1%	0.0%	95.1%	4.8%	0.1%	0.0%	66.3%	0.818
	L23	2021	96.5%	3.4%	0.0%	0.0%	96.5%	3.4%	0.0%	0.0%	67.3%	0.796
		L24	2012	98.2%	1.8%	0.0%	0.0%	98.2%	1.8%	0.0%	0.0%	70.7%
L24		2013	98.2%	1.8%	0.0%	0.0%	98.2%	1.8%	0.0%	0.0%	71.4%	0.921
L24		2014	98.1%	1.9%	0.0%	0.0%	98.1%	1.9%	0.0%	0.0%	70.9%	0.991
L24		2015	98.8%	1.2%	0.0%	0.0%	98.8%	1.2%	0.0%	0.0%	70.6%	0.882
L24		2016	98.5%	1.5%	0.0%	0.0%	98.5%	1.5%	0.0%	0.0%	68.6%	0.836
L24		2017	98.3%	1.7%	0.0%	0.0%	98.3%	1.7%	0.0%	0.0%	67.8%	0.796
L24		2018	98.1%	1.9%	0.0%	0.0%	98.1%	1.9%	0.0%	0.0%	68.0%	0.871
L24		2019	97.2%	2.8%	0.0%	0.0%	97.2%	2.8%	0.0%	0.0%	67.8%	0.882
L24		2020	96.8%	3.2%	0.0%	0.0%	96.8%	3.2%	0.0%	0.0%	68.5%	0.812
L24		2021	96.8%	3.1%	0.1%	0.0%	96.8%	3.1%	0.1%	0.0%	68.1%	0.796

Cohort	Projection Year	Distribution of X-Mod Differences (Loss Weighted)					Distribution of X-Mod Differences (Count Weighted)					% Insureds Loss Free	CV of Mod- Differences
		Less than 5%	5% to 10%	10% to 20%	Greater than 20%	Less than 5%	5% to 10%	10% to 20%	Greater than 20%	10% to 20%	Greater than 20%		
L25	2012	98.9%	1.1%	0.0%	0.0%	98.9%	1.1%	0.0%	0.0%	0.0%	0.0%	71.7%	0.860
L25	2013	98.1%	1.9%	0.0%	0.0%	98.1%	1.9%	0.0%	0.0%	0.0%	0.0%	72.2%	0.960
L25	2014	98.3%	1.7%	0.0%	0.0%	98.3%	1.7%	0.0%	0.0%	0.0%	0.0%	72.1%	0.965
L25	2015	98.9%	1.1%	0.0%	0.0%	98.9%	1.1%	0.0%	0.0%	0.0%	0.0%	71.6%	0.886
L25	2016	98.7%	1.3%	0.0%	0.0%	98.7%	1.3%	0.0%	0.0%	0.0%	0.0%	70.9%	0.839
L25	2017	98.7%	1.3%	0.0%	0.0%	98.7%	1.3%	0.0%	0.0%	0.0%	0.0%	68.6%	0.786
L25	2018	98.2%	1.8%	0.0%	0.0%	98.2%	1.8%	0.0%	0.0%	0.0%	0.0%	69.1%	0.878
L25	2019	97.3%	2.6%	0.0%	0.0%	97.4%	2.6%	0.0%	0.0%	0.0%	0.0%	69.6%	0.836
L25	2020	95.7%	4.3%	0.0%	0.0%	95.6%	4.3%	0.0%	0.0%	0.0%	0.0%	69.6%	0.804
L25	2021	96.8%	3.2%	0.0%	0.0%	96.8%	3.2%	0.0%	0.0%	0.0%	0.0%	70.0%	0.805