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Report

# Friction in the California Compensation System

November 2021



# Report Summary

Frictional costs in the California workers' compensation system are much higher than other systems across multiple categories (Pages [4](#), [18](#), and [19](#)). These differences become much greater at later periods ([Page 8](#)).

California's higher frictional costs are driven by the "Frictional Four" drivers: a higher volume of permanent disability claims ([Page 6](#)), higher proportions of claims involving cumulative trauma injury ([Page 7](#)), longer average claim duration ([Page 8](#)), and regional differences within the state ([Page 9](#)). After adjusting these components to that closer to the median state, average ALAE costs in California would be significantly lower ([Page 10](#)).

California's high allocated loss adjustment expense (ALAE) costs are driven more by the frequency of claims involving significant ALAE costs, which is highly impacted by where the claim occurs and whether it involves a cumulative trauma injury. However, once a claim has a nontrivial ALAE cost, the average ALAE cost per claim is not significantly different regardless of claim type (Pages [7](#) and [9](#)).

After controlling for various claim characteristics and demographics such as the type of injury or diagnosis, claims with over \$10,000 in paid ALAE have 50% to 60% higher incurred loss amounts on average ([Page 14](#)).

A speed-up in claim settlement following the implementation of Senate Bill No. 863 helped lower projected future ALAE development and flattened the decades-long trend of sharply increasing average ALAE costs. However, claim settlements have slowed in 2020 and the first half of 2021 which may lead to increases in ALAE costs in the future ([Page 17](#)).

# Key Figures

**\$0.48**

It costs \$0.48 to deliver \$1 of benefits in California which is 92% higher than the median state.

**2X**

California has more than twice the frequency of permanent disability (PD) claims and twice the percent of indemnity claims open at 60 months compared to many other states.

**+27%**

Average allocated loss adjustment expense (ALAE) costs in the Los Angeles Basin area are 27% higher than in the remainder of California.

**+50%**

Claims with higher ALAE costs but similar other claim characteristics have 50% more incurred indemnity and medical benefits on average.

**-9%**

Driven by acceleration in claim settlement rates, average ALAE costs are 9% lower in 2020 than in 2009.

Chart 1: Cost to Deliver \$1 of Benefits



Chart 2: Ratios of ALAE (DCC) to Losses by State

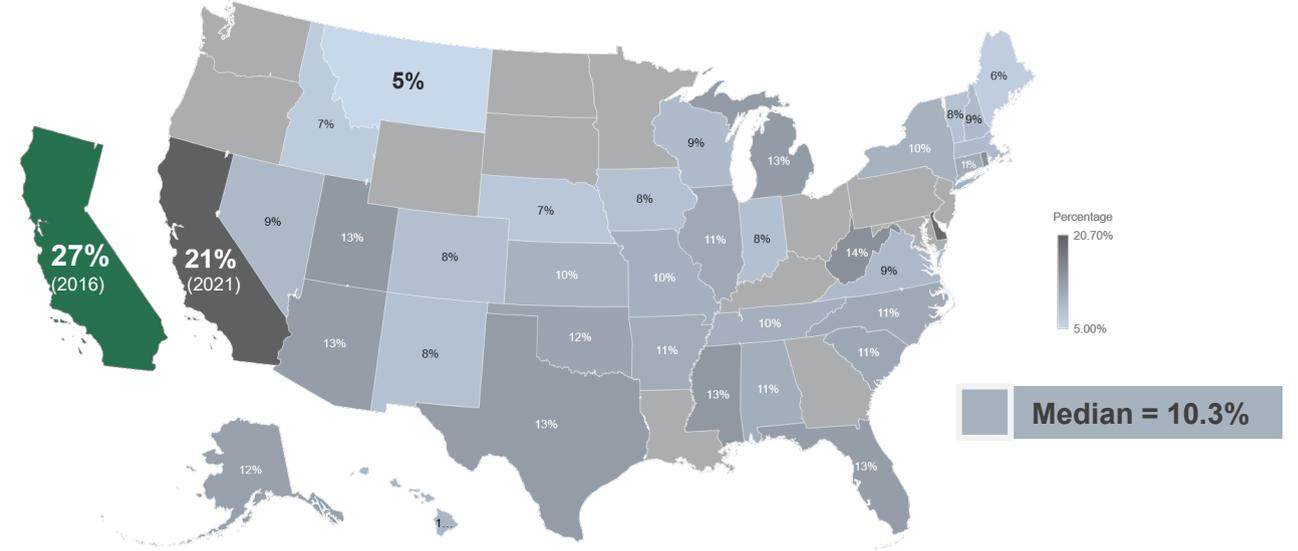
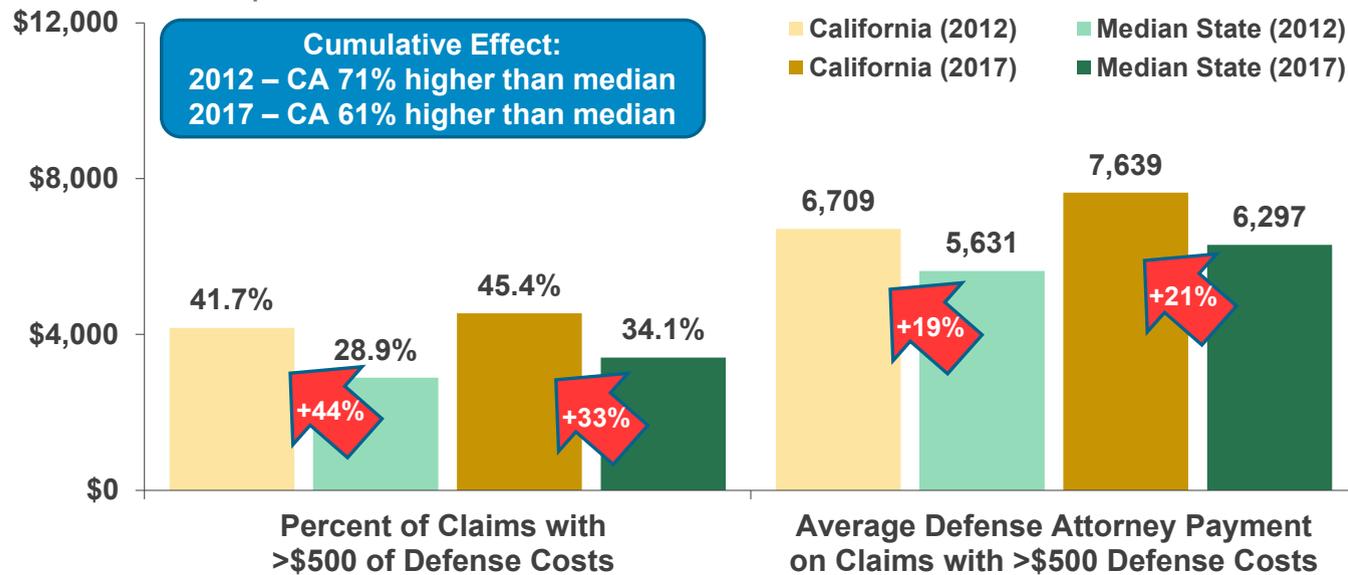


Chart 3: Comparisons of California Defense Costs at 36 Months



**Insights California Comparisons**

- In California, it costs \$0.48 in frictional costs to deliver \$1 of benefits to injured workers. This is almost twice the median workers' compensation system and significantly above other systems that deliver medical benefits (Chart 1).
- Despite reforms and other factors recently lowering allocated loss adjustment expense (ALAE) costs, California still has the highest ratio of ALAE to losses of any state (Chart 2).
- According to Workers' Compensation Research Institute (WCRI) data, California has both a significantly higher share of claims involving nontrivial defense costs and a higher average defense cost on these claims when compared to the median state (Chart 3).
- Recent favorable trends have moved California somewhat closer to the median state in the last 5 years, but we are still 61% higher than the median state in total defense costs per lost time claim at 36 months (Chart 3). Given the significantly longer claim duration in California, these differences are likely larger at later periods.

Chart 1 Source: Workers' compensation figures are from WCIRB aggregate financial data calls and the 2021 NCCI Annual Statistical Bulletin; Medicare figures are from the Centers for Medicare and Medicaid Services 2018 Medicare Trustees Report; Private group health insurance figures are estimated from a number of published studies on group health administrative costs.

Chart 2 Source: NCCI Annual Statistical Bulletin – 2021 Edition.

Chart 3 Source: WCRI Compscope Benchmarks for California, 16th and 21st Editions. Based on claims with 7 or more days of lost time.



The WCIRB has identified four primary drivers of California frictional costs, labeled the "Frictional Four". They include the higher volume of permanent disability claims ([Page 6](#)), the higher proportion of cumulative trauma injuries ([Page 7](#)), the longer duration that claims remain open ([Page 8](#)), and disproportionate levels of friction regionally within California ([Page 9](#)).

Chart 4: Permanent Partial Disability Claims per 100,000 Employees by State

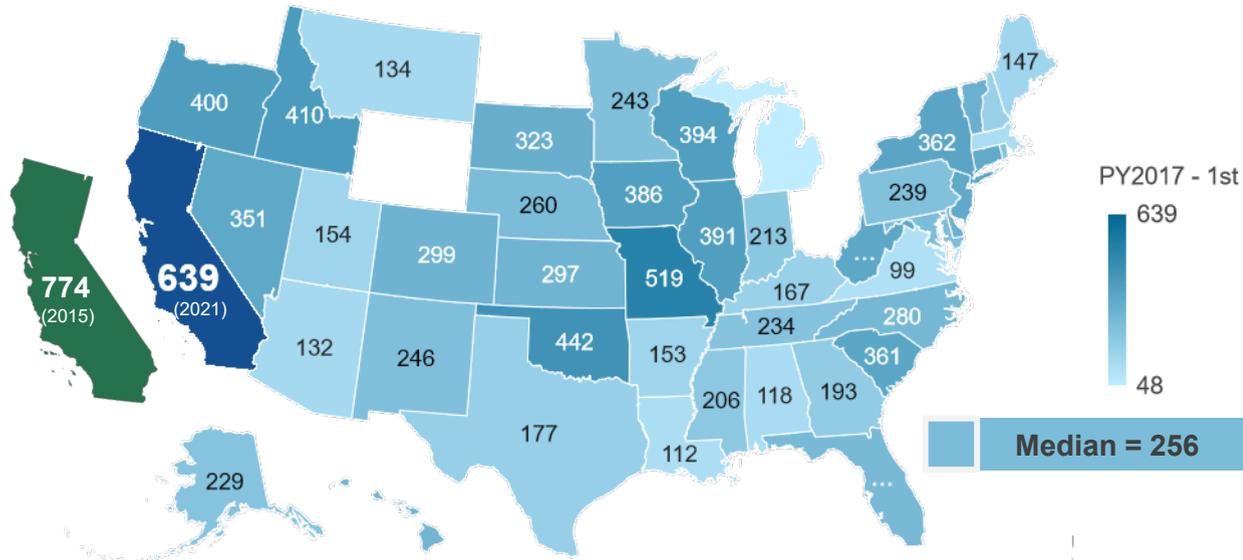


Chart 6: Distribution of Indemnity Claims by ALAE Category within Injury Type

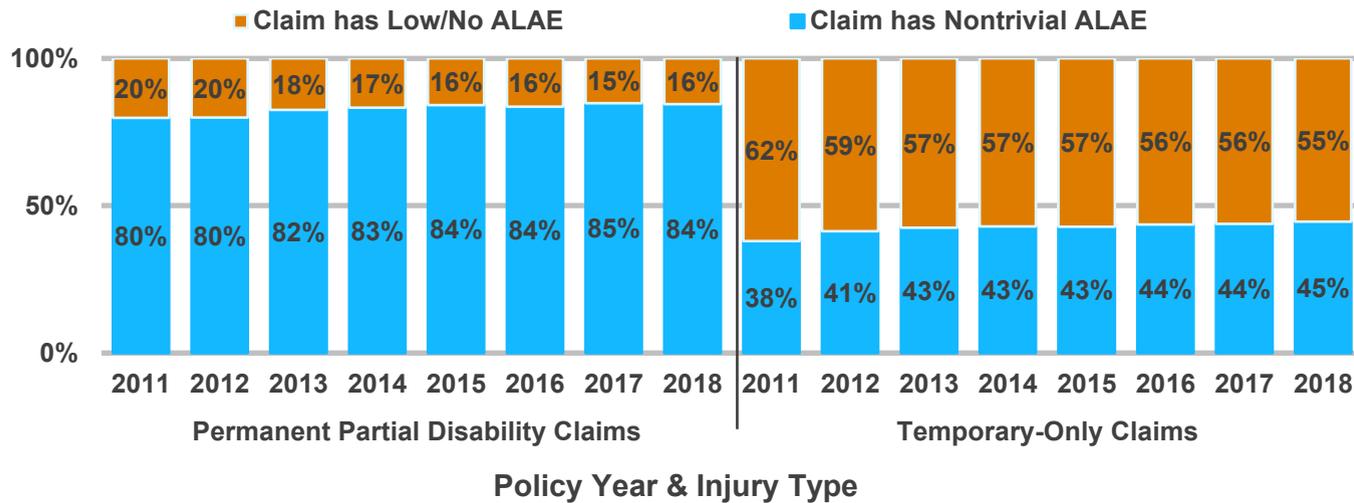
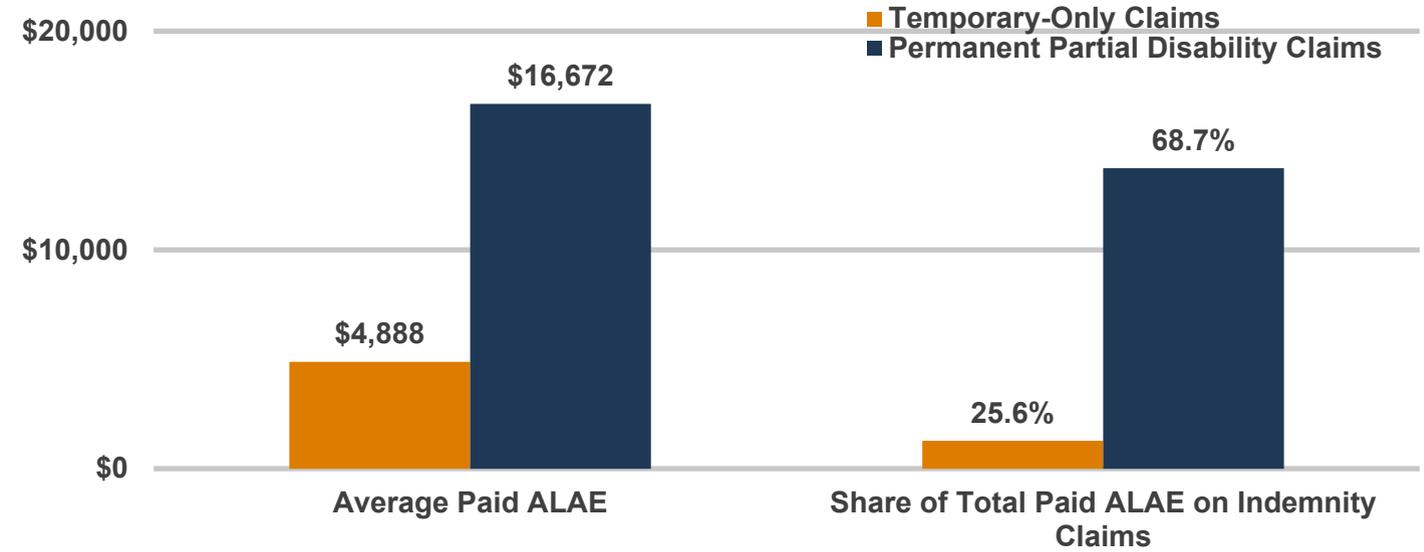


Chart 5: Average Paid ALAE per Claim by Injury Type



### Insights Permanent Disability

- One of the “Frictional Four” drivers of higher California costs is the number of permanent partial disability (PPD) claims filed. California has by far the highest number of PPD claims filed compared to any other state and more than twice that of the median state (Chart 4). States that use the same version of the American Medical Association (AMA) guides to determine permanent disability as California do not have similar volumes of PPD claims.
- PPD claims are more complex, remain open longer, and incur more than three times the ALAE than temporary-only claims on average (Chart 5).
- The vast majority of PPD claims involve nontrivial ALAE costs, which is almost twice the proportion for temporary-only claims (Chart 6). A significant number of early reported temporary-only claims also later involve PPD and incur significant ALAE costs (see [Appendix A](#)).

Chart 4 Source: NCCI Annual Statistical Bulletin – 2021 Edition.

Chart 5 Source: WCIRB unit statistical data for policy year 2019 developed to a 10th report level. Paid ALAE data includes MCCP costs

Chart 6 Source: WCIRB unit statistical data at 2nd report level. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.

Chart 7: Percentage of Claims Involving Cumulative Injury within ALAE Category

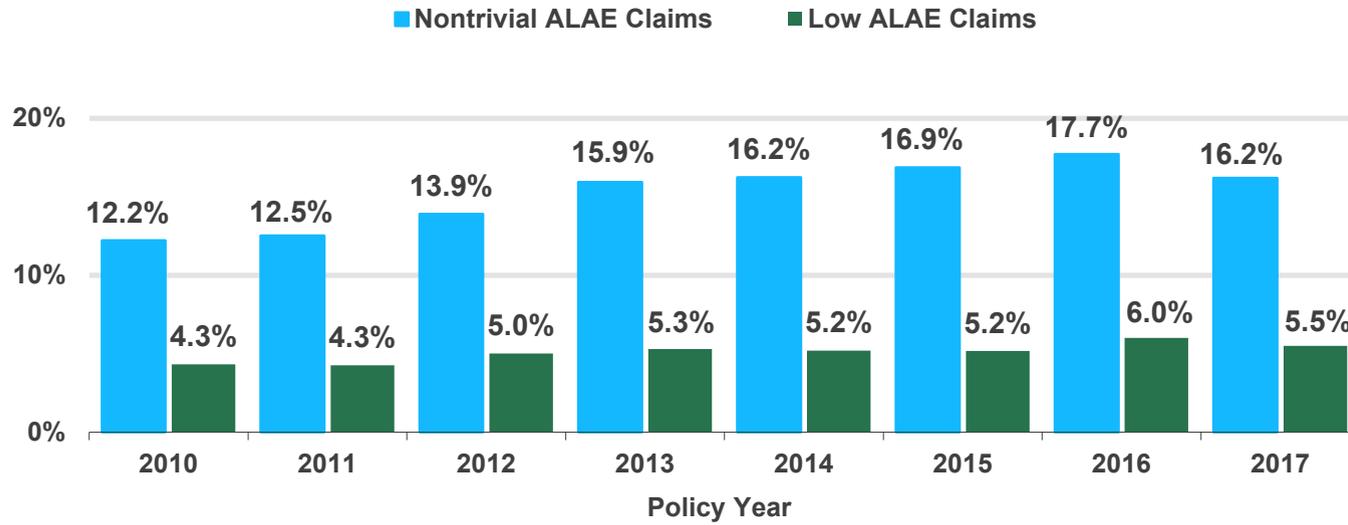


Chart 8: Distribution of Indemnity Claims by ALAE Category within Claim Type

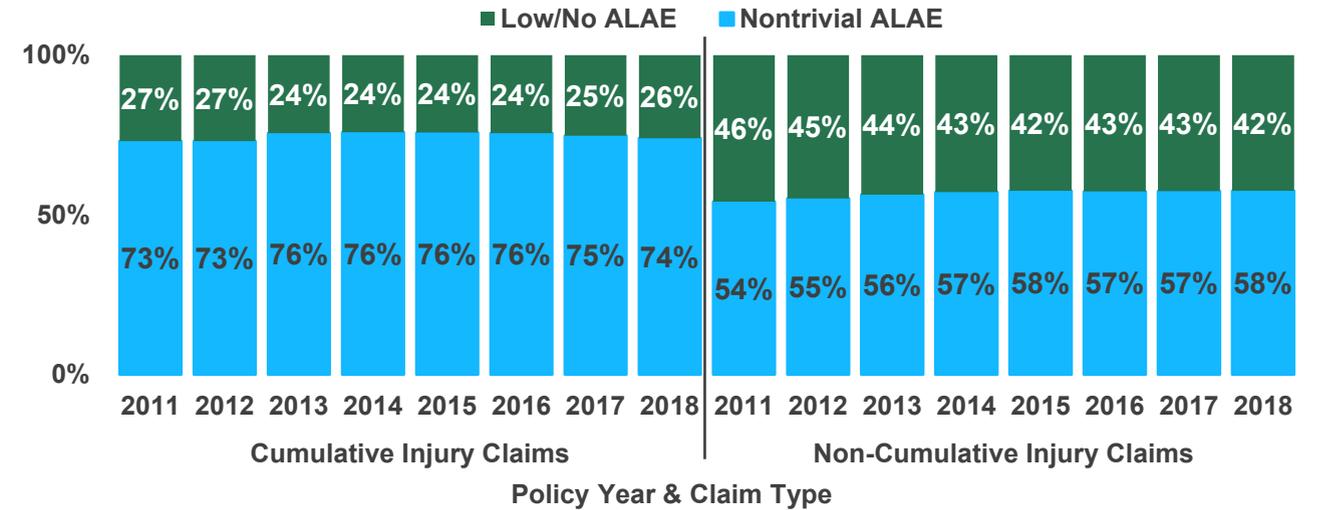
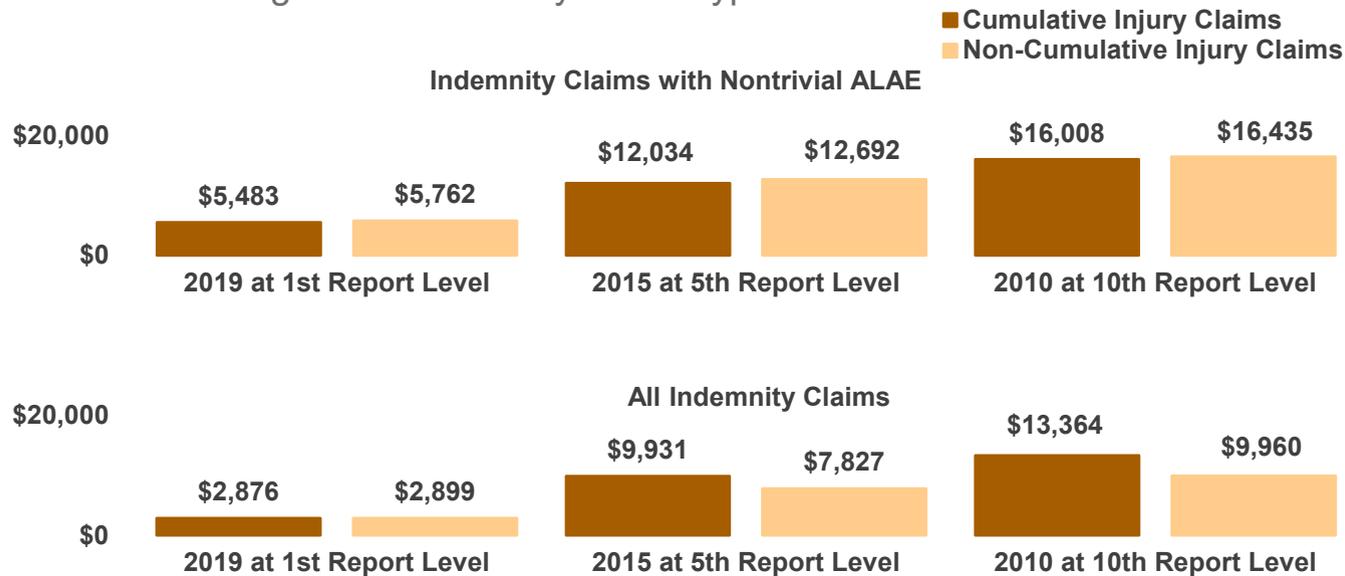


Chart 9: Average ALAE Costs by Claim Type



### Insights Cumulative Trauma

- The second of the “Frictional Four” drivers of higher California frictional costs is the proportion of indemnity claims that involve cumulative trauma (CT) injuries. Recent growth in the proportion of CT claims has been driven by claims involving nontrivial ALAE costs where over 16% of these higher cost claims involve CT at 3rd unit statistical report level (Chart 7).
- The proportion of CT claims that involve nontrivial ALAE costs is significantly higher compared to that for specific injury claims (Chart 8). Prior WCIRB studies also indicate that the vast majority of CT claims are litigated with many filed later and on a post-termination basis.
- Once a claim incurs nontrivial ALAE costs, the average ALAE cost per claim does not differ significantly whether a claim is for CT or specific injury (Chart 9). Given that a much greater share of CT claims involve higher ALAE costs, the average ALAE cost per CT claim is approximately 34% higher than on a specific injury claim at 10th unit statistical report level.
- While data in other states is not readily available, CT claims are believed to be significantly more prevalent in California.

Chart 7 Source: WCIRB unit statistical data at 3<sup>rd</sup> report level. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.  
 Chart 8 Source: WCIRB unit statistical data at 2<sup>nd</sup> report level. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.  
 Chart 9 Source: WCIRB unit statistical data. Nontrivial ALAE is paid ALAE > \$1,000.

Chart 10: Percent of Indemnity Claims Open at 60 Months

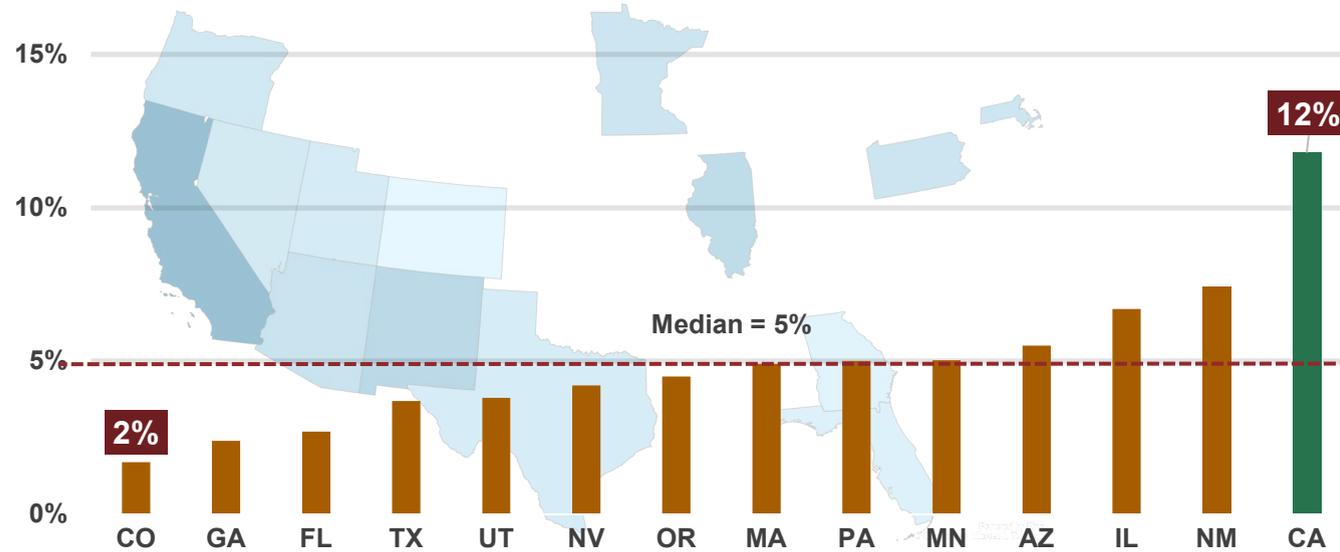


Chart 11: Average Paid ALAE per Permanent Disability Claim Over Time

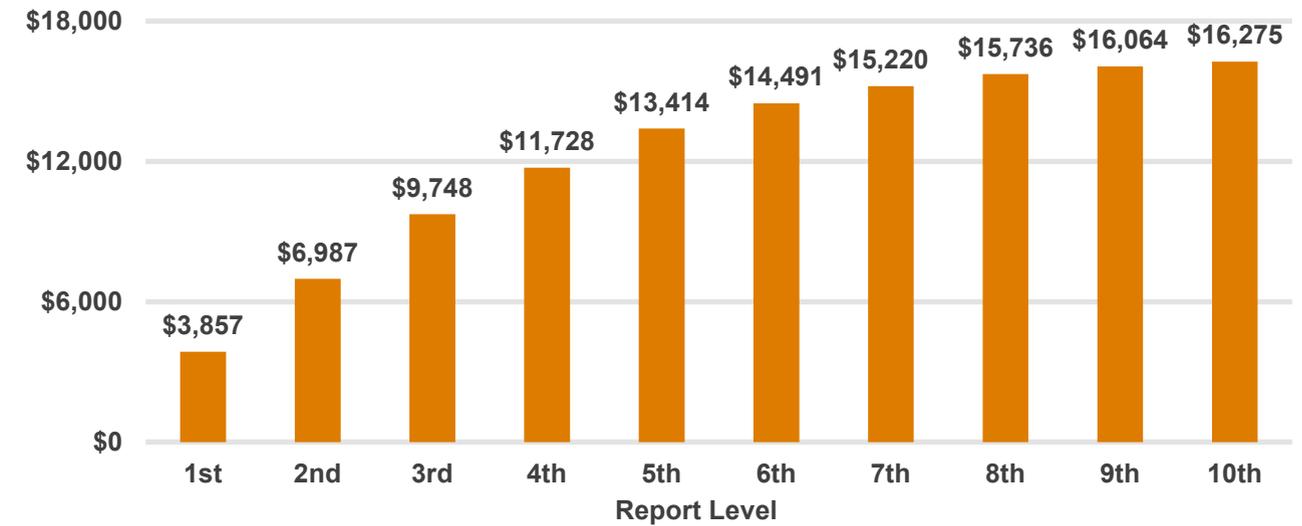
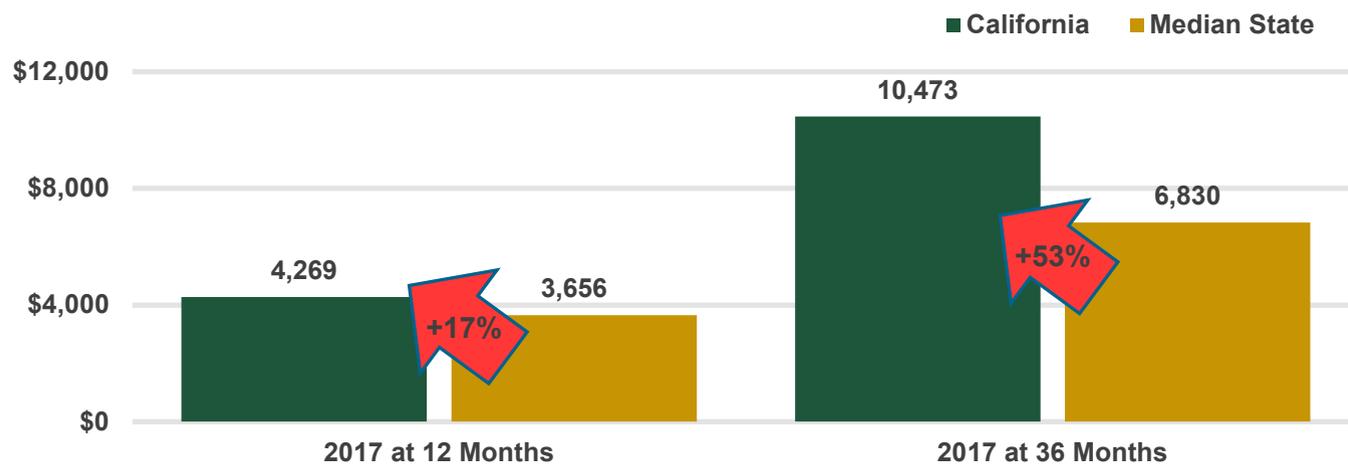


Chart 12: Comparisons of Average Benefit Delivery Costs per Claim



### Insights Claim Duration

- The third of the “Frictional Four” drivers of higher California frictional costs is the average duration of claims. At 60 months, the proportion of indemnity claims still open in California is the highest of any state reviewed and over twice the comparison state median (Chart 10).
- As claims remain open longer, average ALAE costs grow significantly over time, with the average ALAE at 10th unit statistical report level over four times the cost at 1st report level (Chart 11).
- According to WCRI data, the differences in benefit delivery costs between California and the median state grow significantly as claims mature, with only a 17% difference at 12 months growing to a 53% difference at 36 months (Chart 12). These differences are likely larger at later periods.

Chart 10 Source: WCIRB aggregate financial data, NCCI and independent rating bureaus.

Chart 11 Source: WCIRB unit statistical data for July 1, 2010 to December 31, 2010 policies.

Chart 12 Source: WCRI *Compscope Benchmarks for California, 19th and 21st Editions*. Based on claims with 7 or more days of lost time.

Chart 13: Median Paid ALAE on Permanent Disability Claims by Region

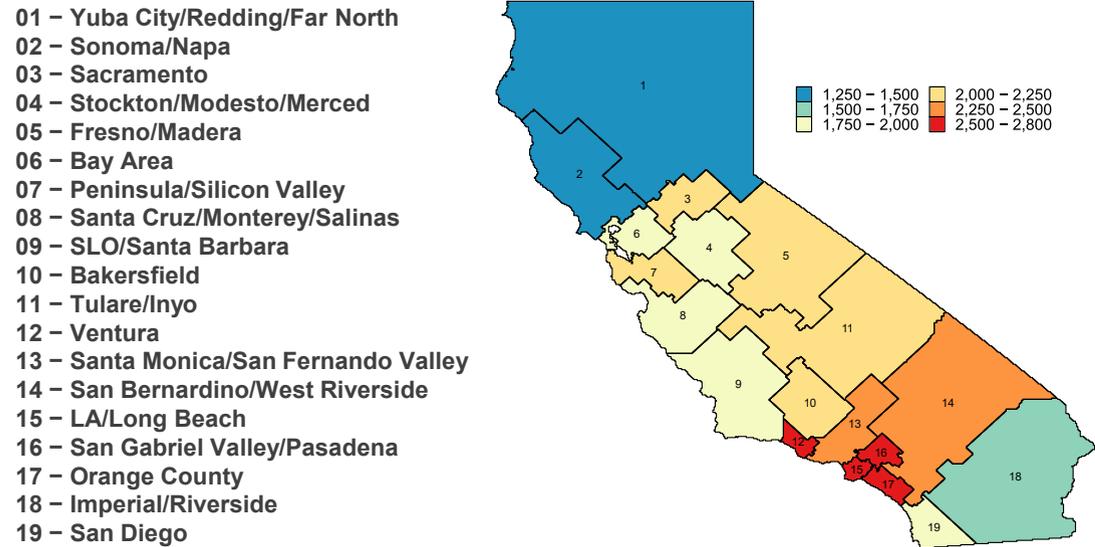


Chart 15: Average ALAE Costs by Region

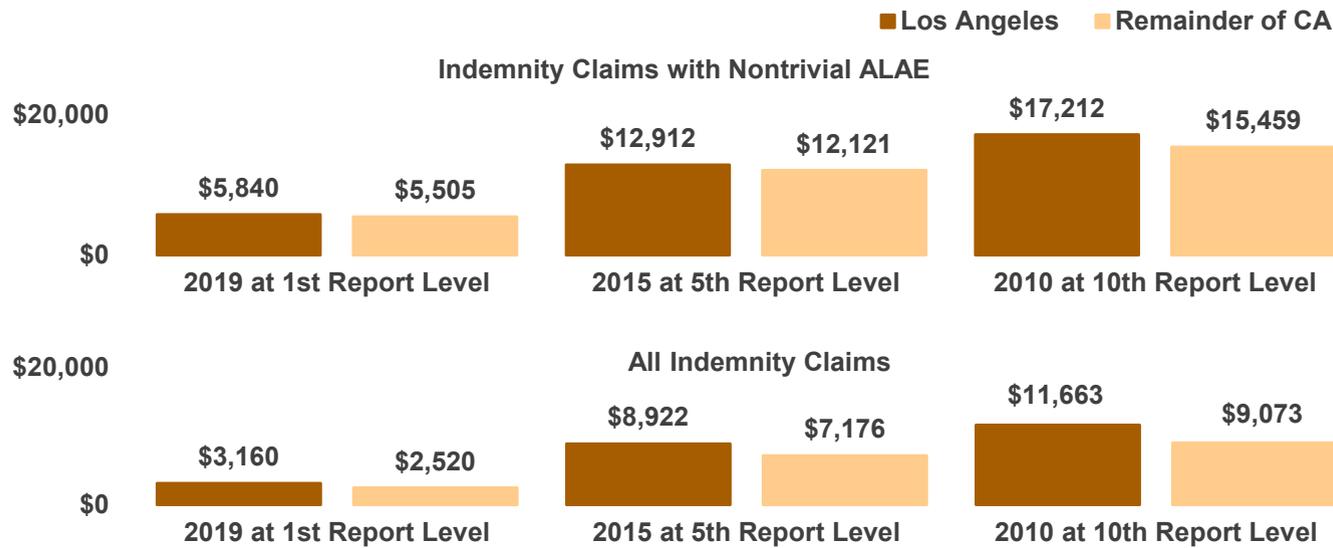
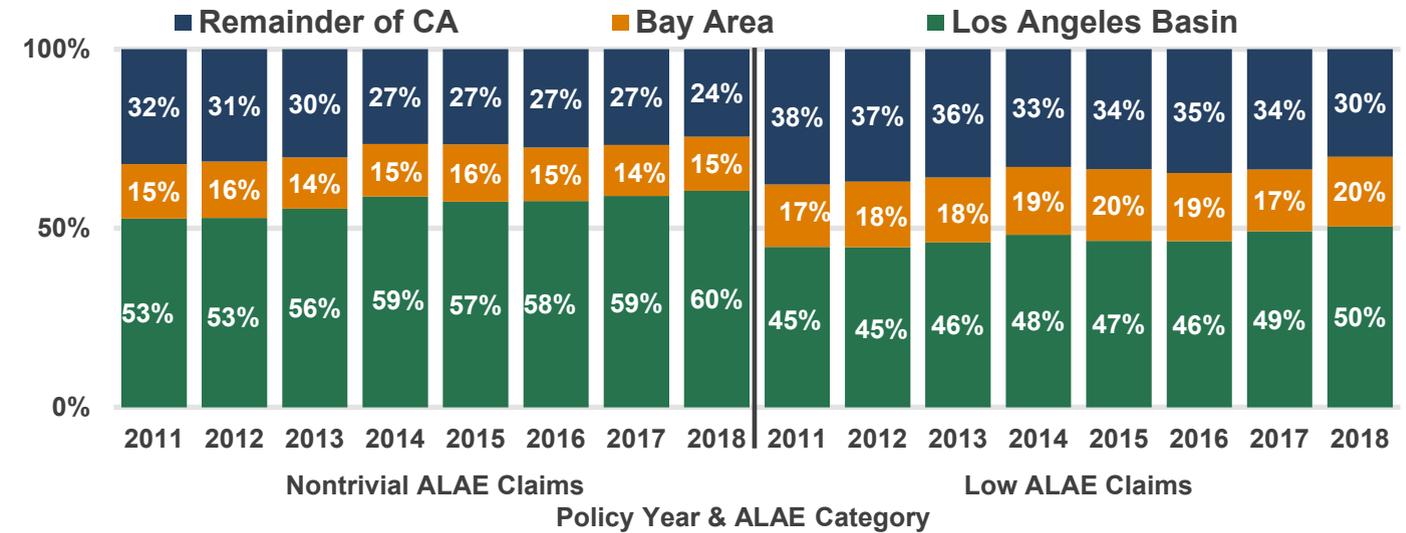


Chart 13 Source: WCIRB unit statistical data and geocoded data

Chart 14 Source: WCIRB unit statistical data at 2<sup>nd</sup> report level. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.

Chart 15 Source: WCIRB unit statistical data. Nontrivial ALAE is paid ALAE > \$1,000.

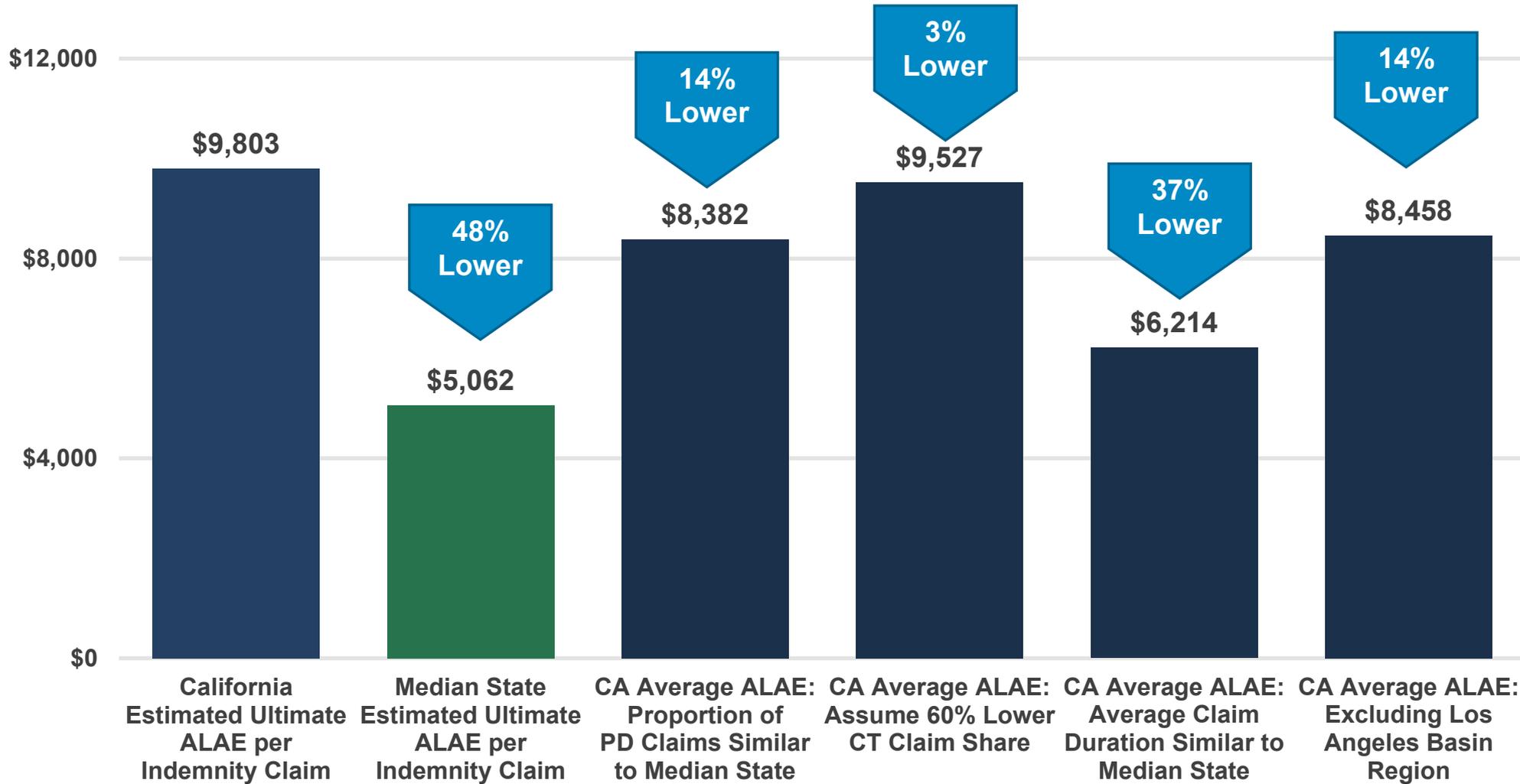
Chart 14: Distribution of Indemnity Claims by Region within ALAE Category



### Insights Regional Differences

- The final “Frictional Four” cost driver is regional differences within California. Average ALAE costs differ significantly across the state with the highest costs in Southern California around the Los Angeles Basin (Chart 13).
- The Los Angeles Basin region has 60% of the claims with nontrivial ALAE costs but only half of the claims with lower ALAE costs (Chart 14).
- Once a claim incurs nontrivial ALAE costs, the average ALAE cost per claim does not differ significantly by region (Chart 15). Given that a much greater share of claims in the Los Angeles Basin involve higher ALAE costs, the average ALAE cost per indemnity claim in this region is approximately 29% higher than the rest of the state at 10th unit statistical report level.

Chart 16: Impact of the “Frictional Four”



**Insights The Frictional Four**

- Each of the “Frictional Four” cost drivers contribute to the higher average ALAE costs in California, which is almost twice the median state (Chart 16).
- When assuming California has a proportion of PD claims similar to the median state, average ALAE costs are 14% lower. When assuming California has a proportion of CT claims similar to the proportion on claims with lower ALAE costs, average ALAE costs are 3% lower. When excluding the Los Angeles Basin, average ALAE costs in California are 14% lower.
- The longer claim duration is estimated to have the most significant impact on California average ALAE costs, reducing it by over 30% when assuming an average duration similar to the median state.
- These factors are not mutually exclusive. For example, many CT claims involve PD, occur in Southern California, and stay open longer than other types of claims. As a result, the indicated percentage reductions shown for each component cannot be combined into a “total impact”. However, combined, these factors likely explain the majority of the difference in average ALAE costs between California and the median workers’ compensation system.

Chart 16 Source: WCIRB aggregate financial data and unit statistical data, median state information based on data provided by the NCCI and WCRIBMA

# Impact of High Frictional Cost Claims



Claims with higher frictional costs have different characteristics than lower-friction claims. This section explores those differences on [Page 12](#). The WCIRB also reviewed the impact of higher frictional costs on a claim after controlling for other underlying claim characteristics. The high-level results of this review are included in Pages [13](#) and [14](#) with more details included in [Appendix B](#).

Chart 17: Distribution of Indemnity Claims with Nontrivial ALAE

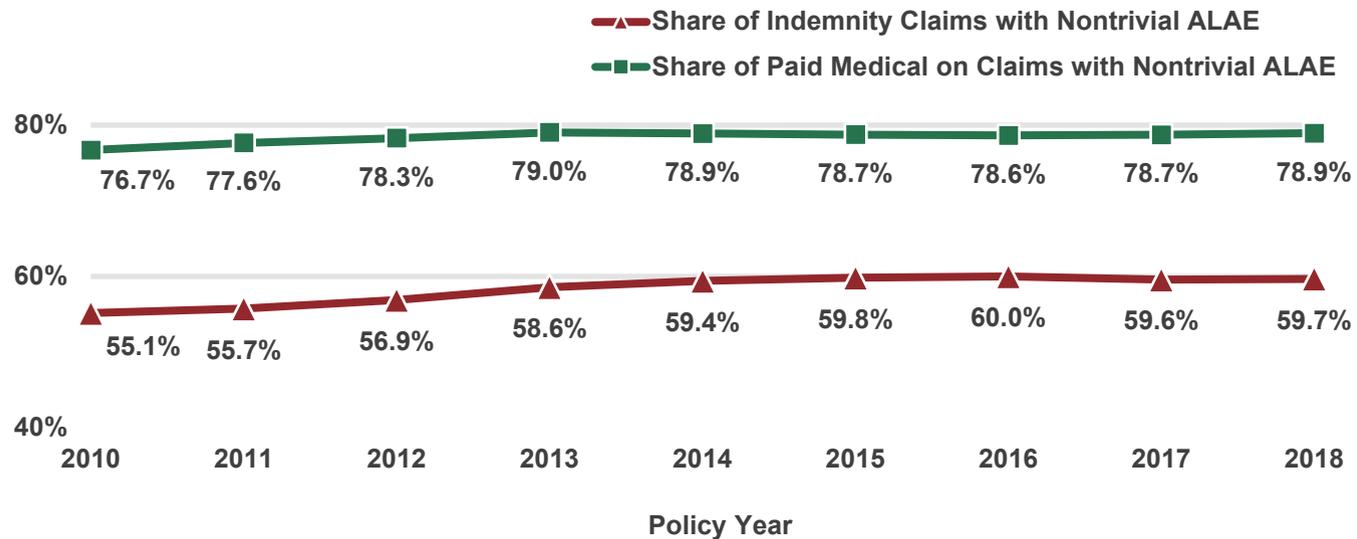


Chart 18: Indemnity Claim Closing Rates

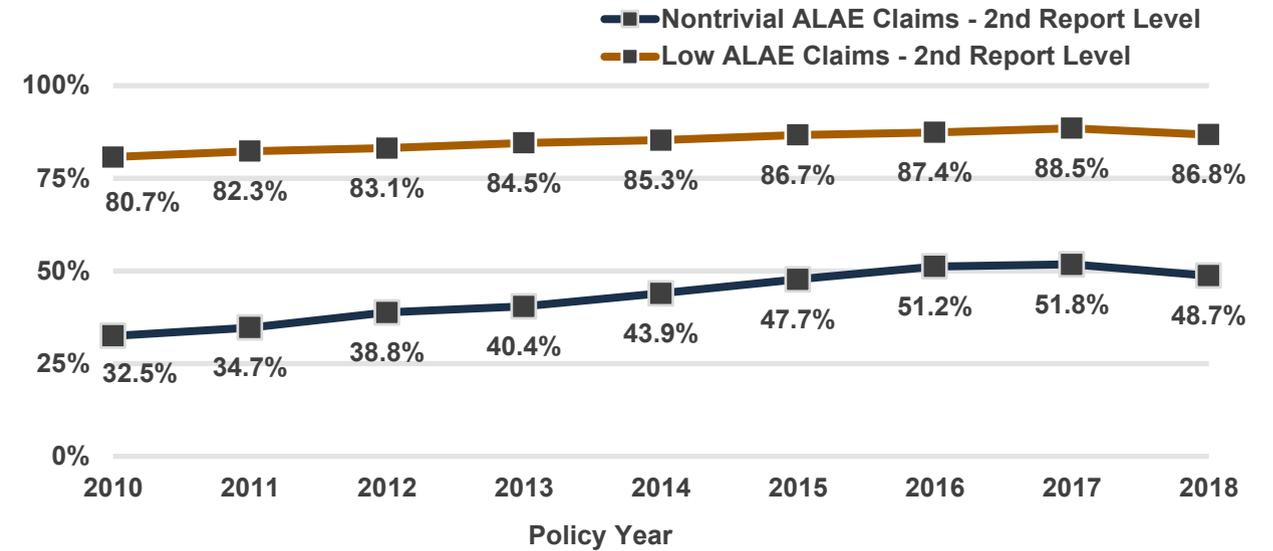
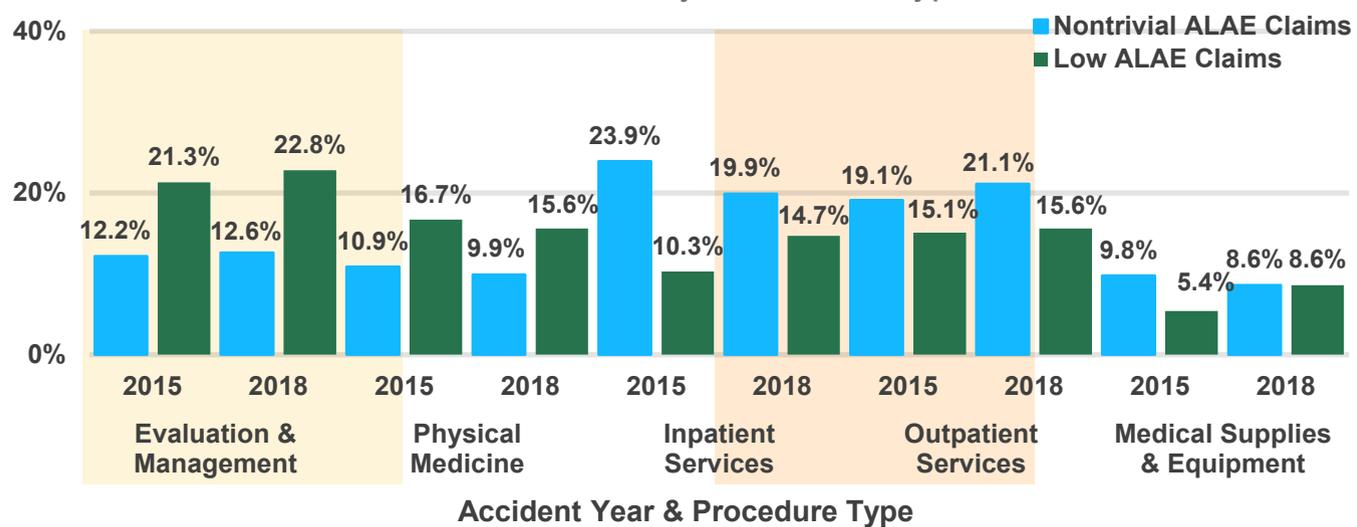


Chart 19: Distribution of Paid Medical by Procedure Type



### Insights Characteristics of Higher Friction Claims

- Just under 60% of indemnity claims involve nontrivial ALAE costs but these claims account for 80% of the paid medical benefits (Chart 17). These claims account for an even larger share of medical costs at later periods (see [Appendix A](#)).
- The proportion of claims and medical costs with nontrivial ALAE has been relatively stable over the last few years as average ALAE cost trends have moderated (Charts 17 and 28).
- The recent moderation in average ALAE costs is driven by increases in the rate claims are settling. This acceleration has been greatest in claims with nontrivial ALAE costs, increasing by 60% from 2010 to 2017 at 2nd unit statistical report level compared to a 10% increase for claims with low ALAE costs (Chart 18). These settlement rates have begun to slow down in the most recent year due to the pandemic, which may give rise to future increases in ALAE costs.
- Claims with nontrivial ALAE costs have a larger share of inpatient and outpatient medical services and a lower share of evaluation & management and physical medicine services compared to claims with low ALAE costs (Chart 19).

Chart 17 Source: WCIRB unit statistical data at 2<sup>nd</sup> report level. Nontrivial ALAE is paid ALAE > \$1,000.

Chart 18 Source: WCIRB unit statistical data. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.

Chart 19 Source: WCIRB medical transaction data for permanent disability claims. Nontrivial ALAE is paid ALAE > \$1,000. Low ALAE is ALAE >\$0 and <= \$1,000.

Chart 20: Matching Pair Study of Impact of Higher ALAE Costs on Claims

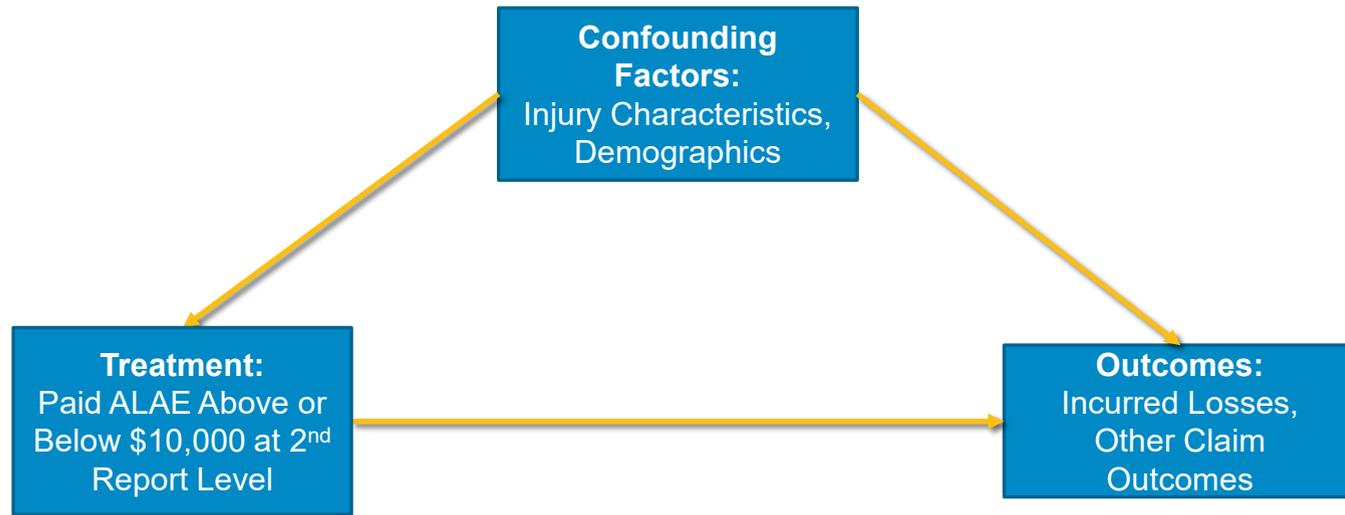


Chart 21: Average Permanent Disability Rating

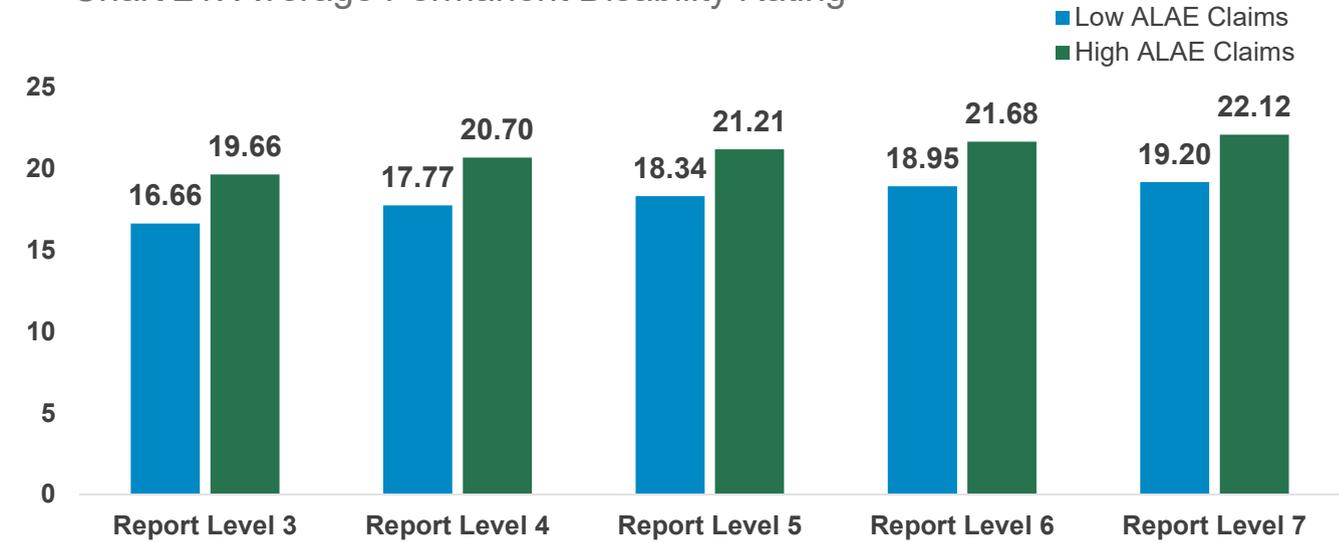
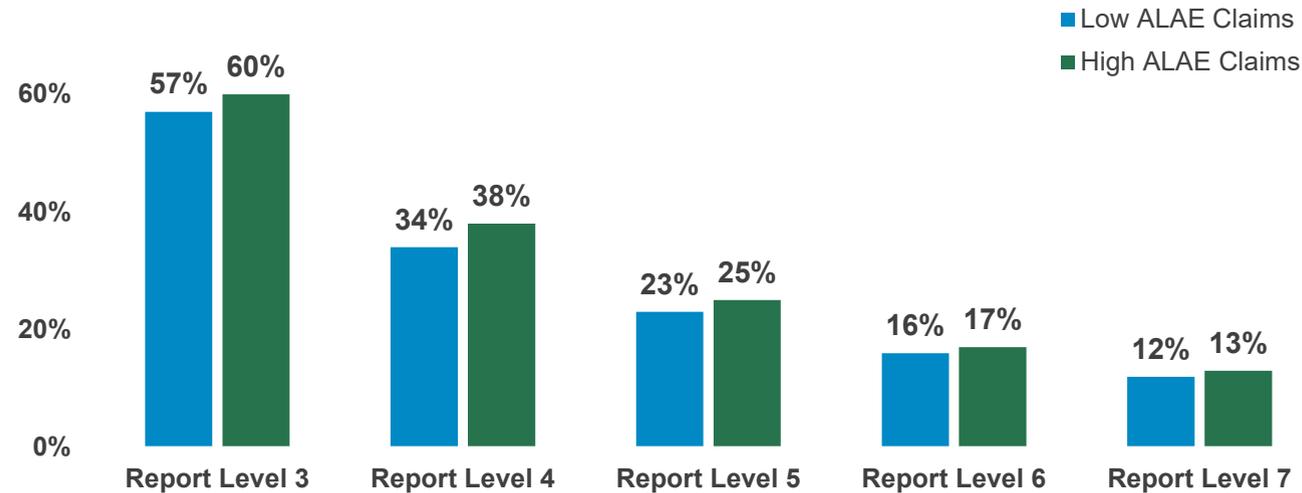


Chart 22: Percent of Open Permanent Disability Claims



### Insights Impact of Higher Friction Claims

- Using a matching pair algorithm, the WCIRB identified groups of claims with similar characteristics at 2nd unit statistical report level such as type of injury, region, and medical diagnosis but differed based on the amount of paid ALAE costs, either above or below \$10,000 (Chart 20, see Appendix B for more information). The WCIRB analyzed all indemnity claims and PD claims separately.
- The WCIRB evaluated the different outcomes of these two groups claims. Claims with over \$10,000 paid ALAE costs had moderately higher average PD ratings (Chart 21). However, despite the differences in paid ALAE costs, the differences in claim duration for the two groups of PD claims were modest (Chart 22).

Chart 23: Incurred Indemnity on Permanent Disability Claims

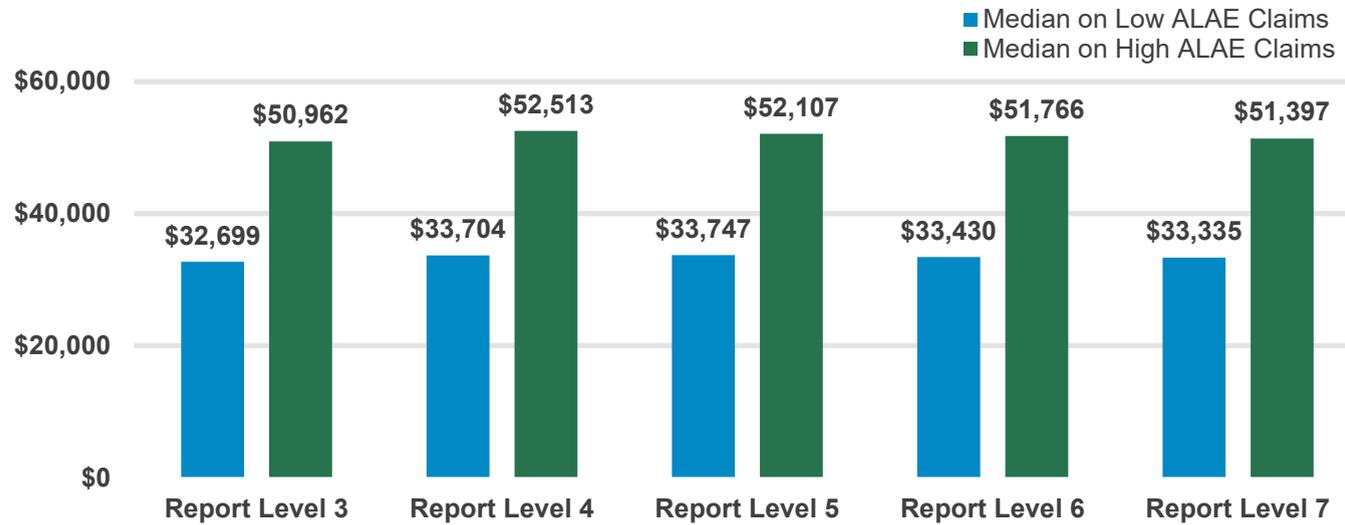


Chart 24: Incurred Medical on Permanent Disability Claims



Chart 25: Average SJDB Incurred on Permanent Disability Claims



**Insights** Impact of Higher Friction Claims

- Differences in average indemnity and medical costs were much greater between the two groups of PD claims. Claims with over \$10,000 paid ALAE costs but very similar other characteristics had a median incurred indemnity cost over 50% higher and a median incurred medical cost over 60% higher when these claims were valued later (Charts 23 and 24).
- The average incurred supplemental job displacement benefit (SJDB) is also higher for claims with more than \$10,000 paid ALAE costs (Chart 25). This may be related to differences in awareness of the availability of the SJDB when a claim is litigated.

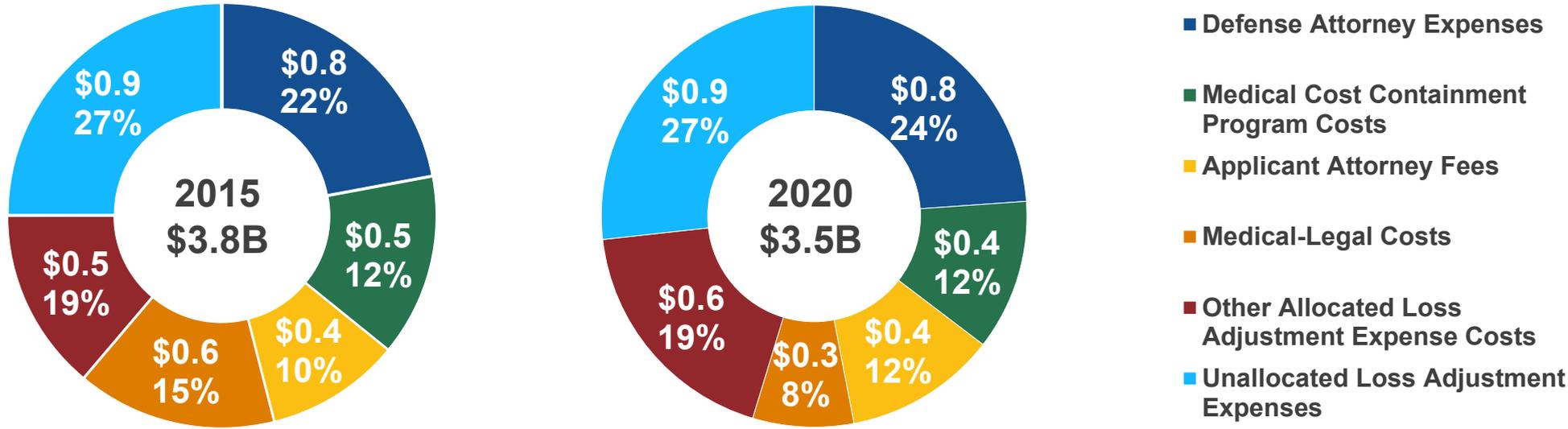
Charts 23 to 25 Source: WCIRB unit statistical data, excluding cumulative trauma claims. Low/High ALAE is based on a \$10,000 threshold with claims matched on several confounding factors.

# Recent Trends in Frictional Costs



After increasing steadily for several years, frictional cost trends in California have recently moderated. This section summarizes some of the recent trends in the various components of frictional costs.

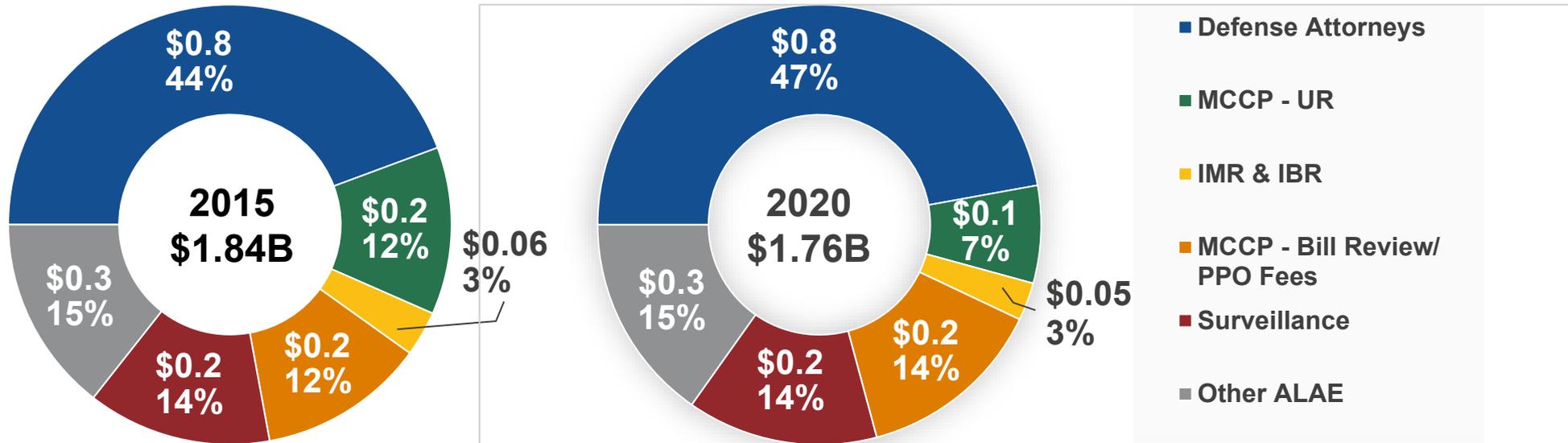
Chart 26: Distribution of Paid Frictional Costs (in Billions)



**Insights** Frictional Cost Distributions

- Frictional costs are comprised of several components, including defense attorney costs, medical cost containment program (MCCP) costs, and other loss adjustment expenses (Chart 26). They also include medical-legal costs, which are typically included in reported medical costs, and applicant attorney fees, which are typically included in reported indemnity costs.
- Since 2015, total frictional costs in the California insured system declined by about \$0.3 billion (Chart 26). This decline was largely concentrated in medical-legal costs (see Charts 34 and 35).

Chart 27: Distribution of Calendar Year Paid ALAE Costs (in Billions)



- ALAE costs are comprised mostly of defense attorney expenses, but also include utilization review (UR) and bill review, which are included in MCCP costs (Chart 27). Since 2015, the largest decline in ALAE costs has been in UR, corresponding with the overall reduction in average medical benefits and the reforms of Senate Bill No. 1160 and Assembly Bill No. 1124 which included provisions related to UR (see Charts 36 and 37).

Chart 26 Source: WCIRB aggregate financial data calls and medical transaction data

Chart 27 Source: WCIRB aggregate financial data calls and CWCI information on the cost of medical cost containment programs. ALAE amounts shown include all medical cost containment program costs including those reported in medical losses.

Chart 28: Estimated Ultimate ALAE per Indemnity Claim

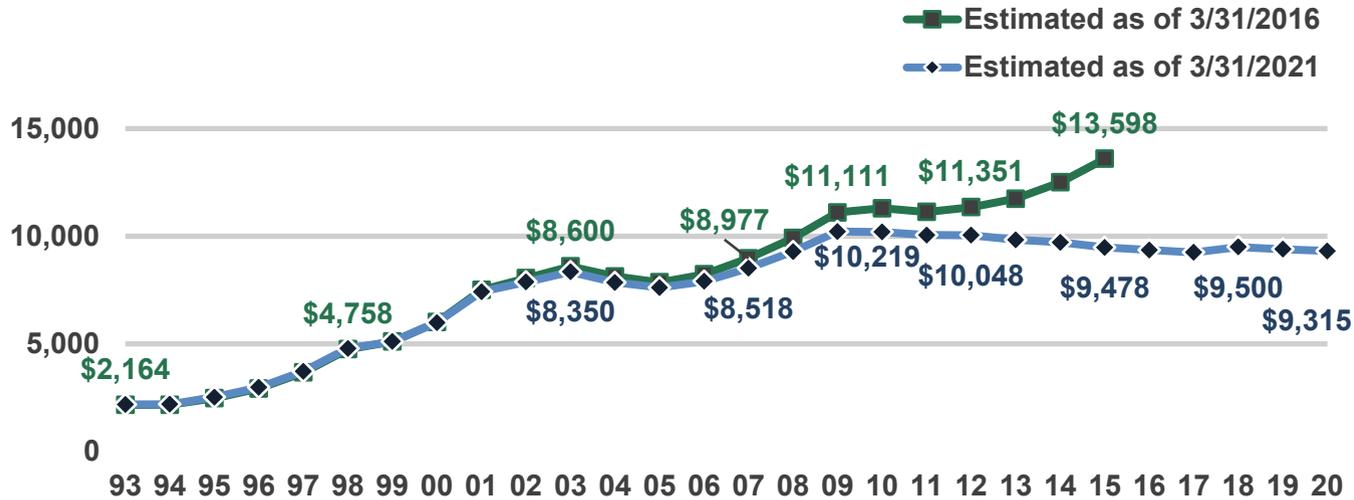


Chart 29: Cumulative Paid ALAE Development from 12 to 90 Months as of June 30, 2021

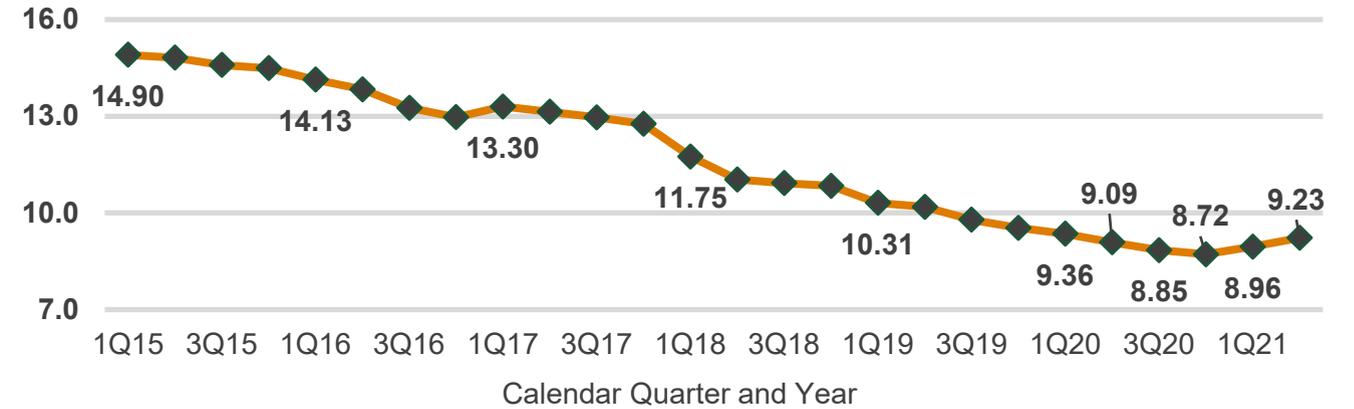
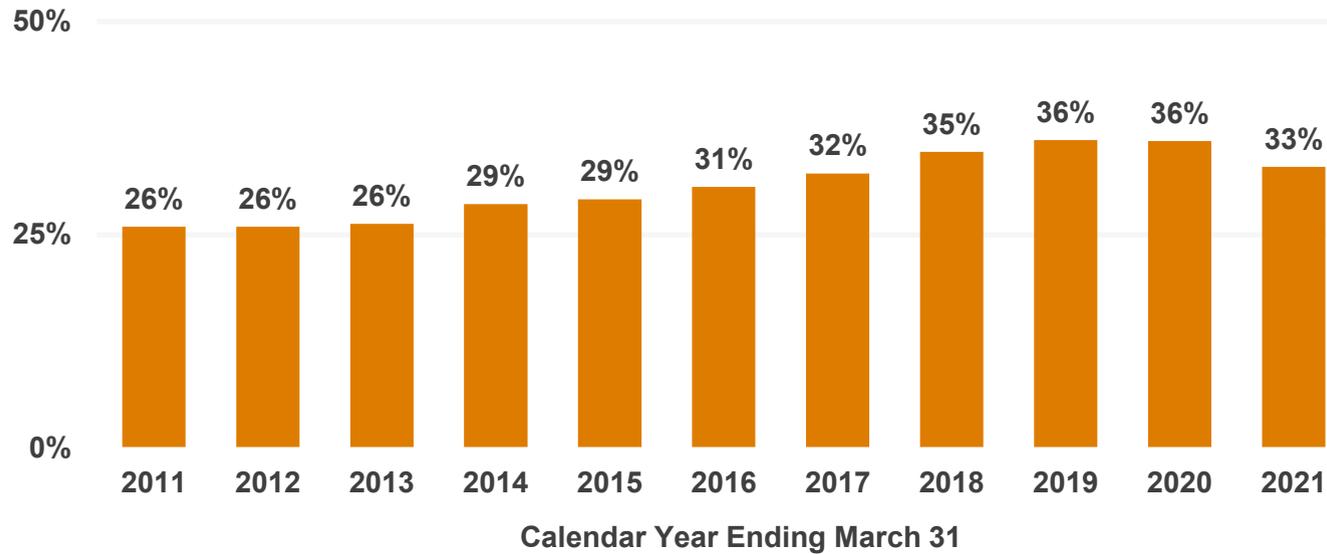


Chart 30: Percent of Open Indemnity Claims Closed in Next Year



### Insights Recent ALAE Cost Trends

- Although ALAE costs are higher in California compared to other states, they have been trending downward over the last several years. The projected average ALAE per indemnity claim for 2020 is 9% lower than 2009. Additionally, the projected average ALAE per indemnity claim for 2016 as of March 31, 2021 is 40% below the projection as of five years ago (Chart 28). This has resulted in a period of relatively flat ALAE costs compared to the steady and often sharp growth in ALAE costs per claim which had been typical for some time.
- The recent decline in average ALAE costs has coincided with a sharp drop in projected future ALAE development on claims (Chart 29). However, in the first two quarters of 2021, projected future ALAE development has started to increase, likely driven by slowdowns in the claims process during the COVID-19 pandemic.
- As claim duration is a significant factor driving higher ALAE costs, the post-Senate Bill No. 863 period of increasing claim settlement rates has helped reduce average ALAE costs and projected future ALAE development (Chart 30). As with projected future ALAE development, claim settlement rates have turned around in the most recent year during the pandemic period. This may lead to increases in average ALAE in the future.

Charts 28 and 29 Source: WCIRB aggregate financial data. MCCP is excluded.  
Chart 30 Source: WCIRB aggregate financial data



Chart 33: Comparisons of Medical-Legal Costs at 36 Months

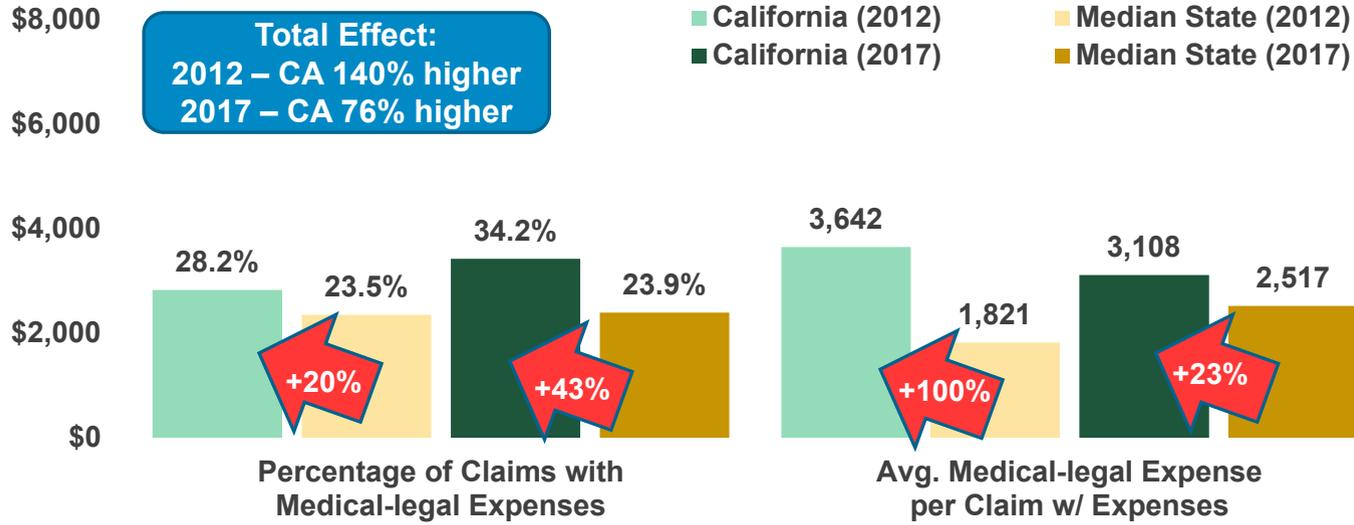


Chart 34: Number of Medical-Legal Reports per Claim

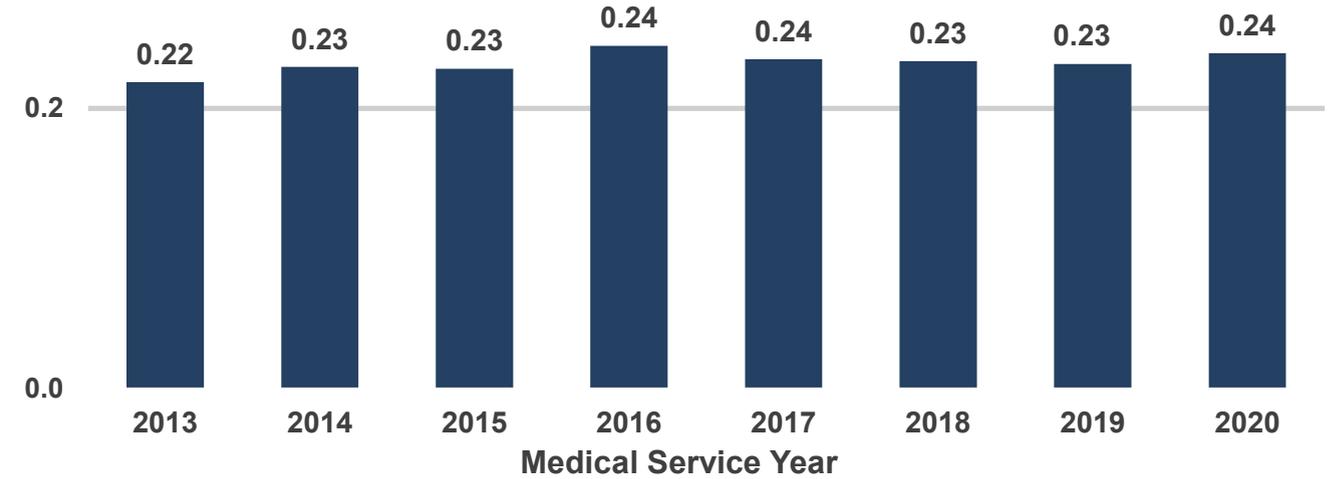
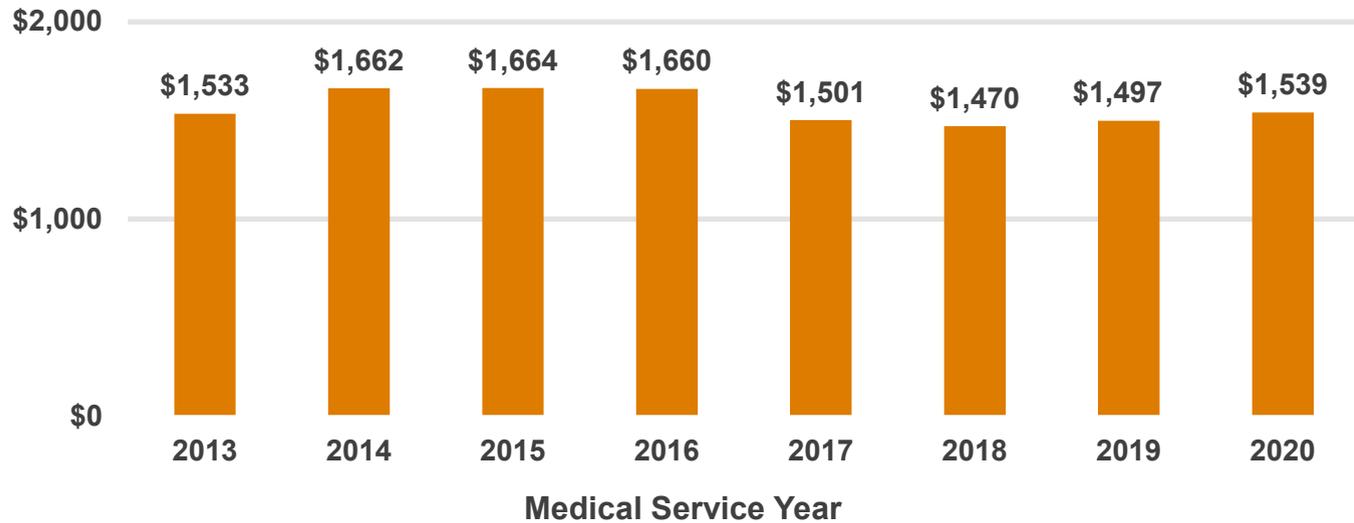


Chart 35: Average Payment per Medical-Legal Report

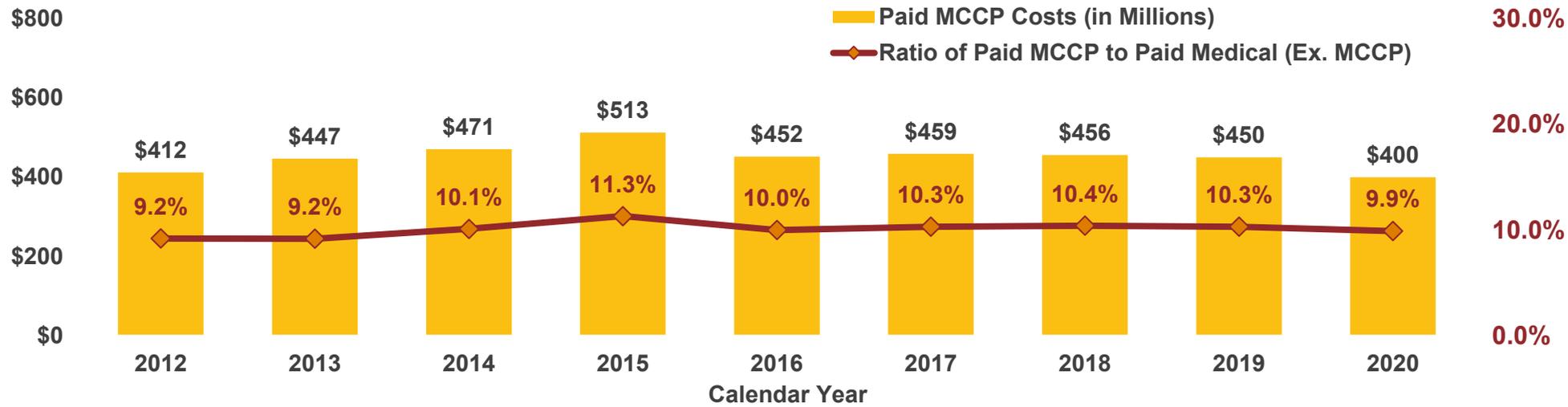


**Insights Medical-Legal Costs**

- According to WCRI data, California has both a significantly higher share of claims involving medical-legal costs and a higher average medical-legal cost on these claims when compared to the median state (Chart 33). California’s difference from the median state has been reduced by half in the last five years, but we are still over 75% higher than the median in total medical-legal costs per claim at 36 months.
- Despite sharp declines in the utilization of many types of medical services, such as pharmaceuticals, the number of medical-legal reports per claim has remained fairly steady over the last several years (Chart 34).
- The average payment per medical-legal report declined in 2017 and remained relatively flat through 2020 (Chart 35). However, this data is prior the new Medical-Legal Fee Schedule adopted by the Division of Workers’ Compensation effective April 1, 2021, which the WCIRB estimates will significantly increase medical-legal payments.

Chart 33 Source: WCRI Compscope Benchmarks for California, 16th and 21st Editions. Based on claims with 7 or more days of lost time.  
Charts 34 and 35 Source: WCIRB medical transaction data

Chart 36: Calendar Year Paid MCCP Costs



**Insights MCCP Costs**

- Medical cost containment program (MCCP) costs, which predominantly include UR and bill review, are approximately 10% of medical costs (Chart 36). This ratio has been fairly steady since 2016.
- MCCP costs are associated with medical costs and medical service utilization. As medical costs per indemnity claim have declined since 2012, so has average MCCP costs (Chart 37). The reforms of SB 1160 (implemented in 2017) and AB 1124 (implemented in 2018), which include provisions intended to reduce the use of UR, may also be contributing to this decline.

Chart 37: Estimated Ultimate MCCP per Indemnity Claim

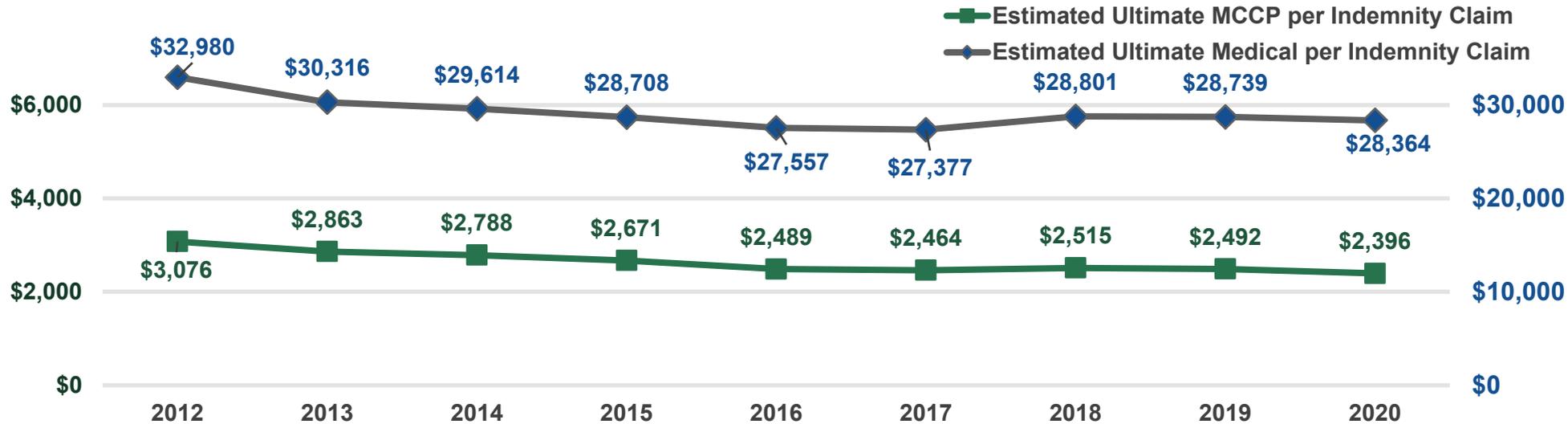
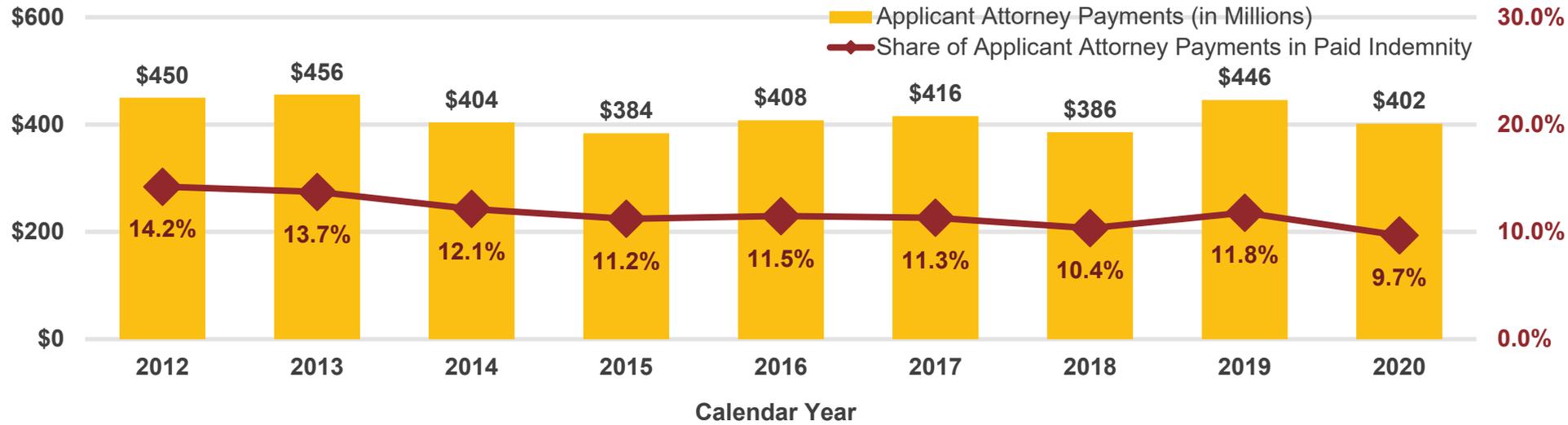


Chart 38: Calendar Year Payments to Applicant Attorneys



**Insights** Applicant Attorney Costs

- The costs associated with applicant attorneys are typically included in reported indemnity benefits. They comprised approximately 10% of indemnity benefits in 2020 (Chart 38). Since 2012, the share of indemnity payments for applicant attorneys has generally been declining.
- The share of permanent disability claims that are represented by an applicant attorney is significantly higher in Southern California (Chart 39). The share of represented claims has not changed significantly in the last several years.

Chart 39: Rates of Representation on Permanent Disability Claims

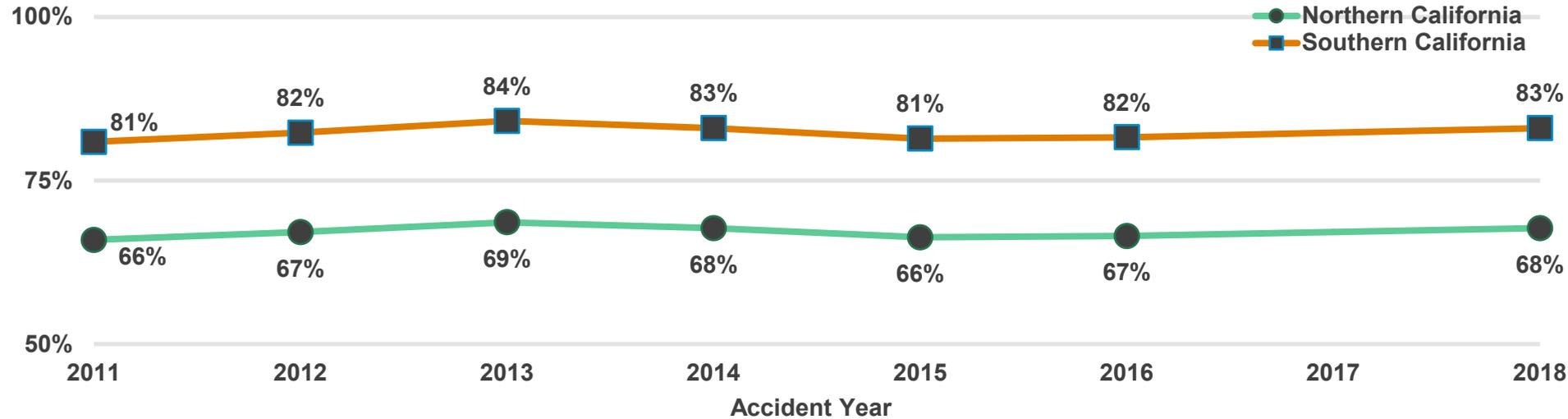


Chart 38: Source: WCIRB aggregate financial data

Chart 39: Source: WCIRB Permanent Disability Claim Survey at first survey level (approximately 28 months) on open claims only



# Appendix A

This Appendix provides more detailed information on frictional costs by year and development period which is summarized in the earlier sections of this report.

Share of All Indemnity Claim Counts and Paid Loss for Claims with Paid ALAE Greater than \$1K, \$4K and \$10K

| PY/RL                                   | Greater than \$10,000 ALAE |       |       |       |       |       |       |       |       |       | Greater than \$4,000 ALAE |       |       |       |       |       |       |       |       |       | Greater than \$1,000 ALAE |       |       |       |       |       |       |       |       |       |
|-----------------------------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                         | 1                          | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1                         | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1                         | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
| <b>Indemnity Claim Counts</b>           |                            |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07                                 | 5.5%                       | 15.6% | 23.2% | 26.7% | 29.2% | 30.4% | 30.9% | 31.3% | 31.4% | 31.6% | 19.4%                     | 33.9% | 40.1% | 42.8% | 45.0% | 45.7% | 46.2% | 46.5% | 46.6% | 46.7% | 43.3%                     | 55.1% | 58.9% | 60.3% | 61.5% | 61.9% | 62.2% | 62.5% | 62.5% | 62.5% |
| 2011                                    | 5.3%                       | 15.4% | 22.7% | 26.6% | 28.9% | 30.0% | 30.4% | 30.7% | 30.9% | 19.3% | 34.2%                     | 40.2% | 43.5% | 45.2% | 46.0% | 46.4% | 46.6% | 46.8% | 43.6% | 55.7% | 59.2%                     | 61.0% | 61.8% | 62.3% | 62.5% | 62.6% | 62.7% |       |       |       |
| 2012                                    | 5.1%                       | 15.6% | 22.9% | 26.8% | 28.6% | 29.6% | 30.0% | 30.2% | 19.4% | 34.7% | 41.3%                     | 44.4% | 45.8% | 46.5% | 46.8% | 46.9% | 44.4% | 56.9% | 60.8% | 62.2% | 62.9%                     | 63.3% | 63.4% | 63.5% |       |       |       |       |       |       |
| 2013                                    | 5.7%                       | 16.2% | 23.5% | 27.1% | 28.7% | 29.5% | 29.9% | 20.7% | 35.9% | 42.7% | 45.4%                     | 46.6% | 47.1% | 47.3% | 45.8% | 58.6% | 61.9% | 63.1% | 63.7% | 63.9% | 64.0%                     |       |       |       |       |       |       |       |       |       |
| 2014                                    | 6.3%                       | 16.9% | 23.9% | 26.9% | 28.3% | 28.9% | 22.0% | 37.3% | 43.4% | 45.7% | 46.6%                     | 47.1% | 47.6% | 59.4% | 62.4% | 63.4% | 63.9% | 64.1% |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2015                                    | 6.3%                       | 17.4% | 23.7% | 26.5% | 27.5% | 22.7% | 38.2% | 43.5% | 45.3% | 46.0% | 48.4%                     | 59.8% | 62.6% | 63.5% | 63.8% |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2016                                    | 6.8%                       | 17.2% | 23.0% | 25.4% | 23.5% | 37.9% | 42.7% | 44.4% | 48.8% | 60.0% | 62.6%                     | 63.4% |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2017                                    | 7.4%                       | 18.1% | 23.4% | 24.4% | 38.1% | 42.4% | 49.6% | 59.6% | 61.7% |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2018                                    | 7.6%                       | 17.7% | 24.4% | 37.7% | 50.1% | 59.7% |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2019                                    | 7.6%                       | 24.4% | 49.9% |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| <b>Paid ALAE</b>                        |                            |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07                                 | 36.5%                      | 60.3% | 73.6% | 79.1% | 82.1% | 83.8% | 84.7% | 85.2% | 85.6% | 85.8% | 72.7%                     | 87.1% | 91.7% | 93.6% | 94.6% | 95.1% | 95.3% | 95.5% | 95.6% | 95.7% | 93.7%                     | 97.4% | 98.4% | 98.7% | 98.9% | 99.0% | 99.0% | 99.1% | 99.1% | 99.1% |
| 2011                                    | 35.0%                      | 59.4% | 72.7% | 78.5% | 81.8% | 83.4% | 84.2% | 84.6% | 85.0% | 71.9% | 87.0%                     | 91.6% | 93.6% | 94.6% | 95.1% | 95.4% | 95.5% | 95.6% | 93.5% | 97.4% | 98.3%                     | 98.7% | 98.9% | 99.0% | 99.0% | 99.1% | 99.1% |       |       |       |
| 2012                                    | 33.3%                      | 59.3% | 72.1% | 78.0% | 80.7% | 82.1% | 82.9% | 83.4% | 71.2% | 86.8% | 91.5%                     | 93.5% | 94.3% | 94.8% | 95.0% | 95.2% | 93.5% | 97.5% | 98.4% | 98.8% | 98.9%                     | 99.0% | 99.0% | 99.1% |       |       |       |       |       |       |
| 2013                                    | 35.1%                      | 59.7% | 72.1% | 77.5% | 80.1% | 81.4% | 82.2% | 72.7% | 87.1% | 91.8% | 93.6%                     | 94.3% | 94.7% | 94.9% | 94.0% | 97.7% | 98.5% | 98.8% | 98.9% | 99.0% | 99.0%                     |       |       |       |       |       |       |       |       |       |
| 2014                                    | 36.8%                      | 60.5% | 72.2% | 77.1% | 79.4% | 80.6% | 74.0% | 87.8% | 92.0% | 93.5% | 94.2%                     | 94.6% | 94.6% | 97.9% | 98.6% | 98.8% | 98.9% | 99.0% |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2015                                    | 36.2%                      | 60.9% | 72.0% | 76.6% | 78.6% | 74.3% | 88.2% | 92.0% | 93.3% | 93.9% | 94.8%                     | 98.0% | 98.6% | 98.8% | 98.9% |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2016                                    | 37.9%                      | 62.0% | 72.1% | 75.8% | 75.5% | 88.3% | 91.8% | 92.9% | 95.1% | 98.0% | 98.6%                     | 98.8% |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2017                                    | 39.8%                      | 63.4% | 72.8% | 76.6% | 88.7% | 91.9% | 95.3% | 98.0% | 98.5% |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2018                                    | 41.1%                      | 62.9% | 76.7% | 88.4% | 95.3% | 97.9% |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2019                                    | 41.0%                      | 76.9% | 95.4% |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| <b>Paid Indemnity</b>                   |                            |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07                                 | 15.1%                      | 36.0% | 51.2% | 59.0% | 64.9% | 67.6% | 69.1% | 70.2% | 70.8% | 71.2% | 39.0%                     | 62.7% | 73.7% | 78.2% | 82.0% | 83.2% | 83.9% | 84.5% | 84.8% | 85.0% | 70.7%                     | 85.8% | 90.7% | 92.0% | 93.3% | 93.7% | 94.0% | 94.2% | 94.3% | 94.3% |
| 2011                                    | 13.9%                      | 35.1% | 50.3% | 58.8% | 63.9% | 66.5% | 68.0% | 68.8% | 69.4% | 37.4% | 62.7%                     | 73.1% | 78.9% | 81.7% | 83.1% | 83.9% | 84.3% | 84.6% | 70.6% | 86.2% | 90.5%                     | 92.3% | 93.2% | 93.6% | 93.9% | 94.0% | 94.0% |       |       |       |
| 2012                                    | 13.5%                      | 35.5% | 50.4% | 59.0% | 63.1% | 65.3% | 66.4% | 67.2% | 37.8% | 62.8% | 74.1%                     | 79.2% | 81.5% | 82.6% | 83.2% | 83.5% | 71.2% | 86.9% | 91.2% | 92.6% | 93.4%                     | 93.7% | 93.9% | 94.0% |       |       |       |       |       |       |
| 2013                                    | 14.7%                      | 36.4% | 51.3% | 58.8% | 62.6% | 64.4% | 65.5% | 39.9% | 64.5% | 75.5% | 80.0%                     | 81.8% | 82.6% | 83.1% | 73.2% | 88.2% | 91.9% | 93.1% | 93.6% | 93.8% | 93.9%                     |       |       |       |       |       |       |       |       |       |
| 2014                                    | 15.7%                      | 38.1% | 52.0% | 58.5% | 61.7% | 63.3% | 41.6% | 66.4% | 76.1% | 79.7% | 81.2%                     | 82.0% | 74.8% | 88.9% | 92.1% | 93.0% | 93.5% | 93.6% |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2015                                    | 15.7%                      | 38.3% | 51.8% | 57.9% | 60.6% | 42.7% | 67.7% | 76.4% | 79.6% | 80.9% | 75.9%                     | 89.4% | 92.3% | 93.2% | 93.5% |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2016                                    | 16.9%                      | 38.9% | 51.6% | 57.0% | 44.5% | 67.8% | 75.8% | 78.6% | 77.1% | 89.4% | 92.0%                     | 92.8% |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2017                                    | 18.6%                      | 41.0% | 52.6% | 45.9% | 68.5% | 76.1% | 78.0% | 89.7% | 92.1% |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2018                                    | 18.8%                      | 39.4% | 46.2% | 67.2% | 78.3% | 89.2% |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2019                                    | 17.6%                      | 43.8% | 76.6% |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| <b>Paid Medical on Indemnity Claims</b> |                            |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07                                 | 23.4%                      | 40.3% | 54.3% | 61.4% | 68.0% | 70.6% | 72.0% | 73.1% | 73.7% | 74.0% | 45.3%                     | 64.1% | 75.0% | 79.4% | 83.7% | 84.9% | 85.7% | 86.2% | 86.6% | 86.7% | 73.0%                     | 85.8% | 90.8% | 92.3% | 94.0% | 94.3% | 94.6% | 94.8% | 94.9% | 95.0% |
| 2011                                    | 19.6%                      | 38.6% | 52.7% | 61.4% | 66.6% | 69.2% | 70.6% | 71.5% | 72.0% | 42.0% | 63.6%                     | 73.9% | 80.1% | 83.0% | 84.4% | 85.2% | 85.6% | 85.9% | 72.5% | 86.4% | 90.8%                     | 92.8% | 93.7% | 94.3% | 94.5% | 94.7% | 94.7% |       |       |       |
| 2012                                    | 18.7%                      | 38.5% | 53.0% | 61.4% | 65.5% | 67.6% | 68.8% | 69.5% | 42.0% | 63.8% | 75.1%                     | 80.2% | 82.6% | 83.7% | 84.3% | 84.6% | 73.5% | 87.0% | 91.6% | 93.1% | 93.9%                     | 94.2% | 94.4% | 94.5% |       |       |       |       |       |       |
| 2013                                    | 19.5%                      | 38.7% | 52.5% | 60.2% | 63.8% | 65.7% | 67.0% | 42.4% | 65.0% | 75.6% | 80.2%                     | 82.1% | 83.0% | 83.6% | 74.3% | 88.1% | 91.8% | 93.2% | 93.8% | 94.1% | 94.2%                     |       |       |       |       |       |       |       |       |       |
| 2014                                    | 20.4%                      | 39.2% | 52.8% | 59.5% | 62.7% | 64.6% | 44.2% | 66.1% | 75.9% | 79.7% | 81.4%                     | 82.3% | 75.9% | 88.3% | 91.9% | 93.0% | 93.5% | 93.8% |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2015                                    | 19.2%                      | 38.9% | 51.8% | 58.3% | 61.5% | 43.6% | 66.3% | 75.6% | 79.1% | 80.7% | 76.6%                     | 88.7% | 91.8% | 92.9% | 93.3% |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2016                                    | 21.6%                      | 40.0% | 52.0% | 57.5% | 46.0% | 67.1% | 75.0% | 78.2% | 77.5% | 88.7% | 91.6%                     | 92.5% |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2017                                    | 22.3%                      | 42.2% | 52.9% | 47.9% | 67.8% | 75.4% | 78.2% | 89.0% | 91.6% |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2018                                    | 22.4%                      | 41.7% | 48.3% | 67.7% | 79.4% | 89.1% |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2019                                    | 22.6%                      | 47.9% | 78.5% |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |

Notes: 2010.07 represents July 1, 2010 to December 31, 2010 policies.  
 Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Average Paid Indemnity Claim Severity for Claims with Paid ALAE Greater than \$1K, \$4K and \$10K

| PY/RL                 | Greater than \$10,000 ALAE |        |        |        |        |        |        |        |        |        | Greater than \$4,000 ALAE |        |        |        |        |        |        |        |        |        | Greater than \$1,000 ALAE |        |        |        |        |        |        |        |        |        |
|-----------------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 1                          | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                         | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                         | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| <b>Paid ALAE</b>      |                            |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2010.07               | 16,031                     | 17,581 | 19,982 | 22,334 | 24,042 | 25,469 | 26,448 | 27,198 | 27,715 | 28,078 | 9,108                     | 11,693 | 14,382 | 16,457 | 17,990 | 19,180 | 19,939 | 20,523 | 20,901 | 21,184 | 5,270                     | 8,037  | 10,501 | 12,320 | 13,745 | 14,744 | 15,367 | 15,836 | 16,147 | 16,373 |
| 2011                  | 15,874                     | 17,475 | 19,950 | 22,404 | 24,378 | 25,698 | 26,780 | 27,261 | 27,713 | 8,940  | 11,531                    | 14,192 | 16,318 | 18,004 | 19,093 | 19,888 | 20,273 | 20,627 | 5,150  | 7,922  | 10,336                    | 12,262 | 13,754 | 14,677 | 15,343 | 15,661 | 15,954 |        |        |        |
| 2012                  | 15,683                     | 17,438 | 19,924 | 22,205 | 23,801 | 24,965 | 25,807 | 26,361 | 8,727  | 11,490 | 14,027                    | 16,059 | 17,407 | 18,346 | 18,972 | 19,380 | 5,020  | 7,883  | 10,252 | 12,097 | 13,281                    | 14,064 | 14,579 | 14,908 |        |        |        |        |        |        |
| 2013                  | 15,629                     | 17,576 | 19,949 | 21,957 | 23,488 | 24,555 | 25,273 | 8,907  | 11,572 | 13,996 | 15,815                    | 17,076 | 17,916 | 18,460 | 5,198  | 7,965  | 10,345 | 12,011 | 13,085 | 13,788 | 14,238                    |        |        |        |        |        |        |        |        |        |
| 2014                  | 15,742                     | 17,691 | 19,955 | 21,968 | 23,379 | 24,320 | 9,053  | 11,651 | 13,970 | 15,687 | 16,812                    | 17,531 | 5,354  | 8,165  | 10,419 | 11,939 | 12,887 | 13,490 |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2015                  | 15,723                     | 17,646 | 20,024 | 21,876 | 23,166 | 8,933  | 11,643 | 13,956 | 15,561 | 16,548 | 5,345                     | 8,248  | 10,380 | 11,761 | 12,576 |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2016                  | 15,881                     | 18,697 | 20,819 | 22,132 | 9,102  | 12,072 | 14,279 | 15,483 | 5,520  | 8,463  | 10,477                    | 11,540 |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2017                  | 15,850                     | 18,270 | 20,674 | 9,269  | 12,178 | 14,404 | 5,672  | 8,603  | 10,607 |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2018                  | 16,333                     | 18,461 | 9,503  | 12,197 | 5,750  | 8,536  |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2019                  | 16,073                     | 9,420  | 5,721  |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| <b>Paid Indemnity</b> |                            |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2010.07               | 15,082                     | 24,084 | 31,470 | 37,270 | 41,549 | 44,315 | 46,348 | 48,033 | 49,189 | 49,930 | 11,130                    | 19,279 | 26,153 | 30,769 | 34,113 | 36,240 | 37,686 | 38,930 | 39,750 | 40,331 | 9,036                     | 16,216 | 21,902 | 25,677 | 28,371 | 30,139 | 31,316 | 32,296 | 32,963 | 33,398 |
| 2011                  | 15,316                     | 24,442 | 32,108 | 37,634 | 41,354 | 43,939 | 45,970 | 47,433 | 48,291 | 11,285 | 19,675                    | 26,364 | 30,874 | 33,764 | 35,749 | 37,213 | 38,300 | 38,959 | 9,446  | 16,591 | 22,122                    | 25,735 | 28,135 | 29,734 | 30,924 | 31,781 | 32,321 |        |        |        |
| 2012                  | 15,560                     | 24,509 | 31,806 | 37,345 | 40,686 | 42,912 | 44,469 | 45,668 | 11,354 | 19,508 | 25,915                    | 30,263 | 32,874 | 34,573 | 35,730 | 36,571 | 9,367  | 16,490 | 21,663 | 25,237 | 27,426                    | 28,797 | 29,740 | 30,408 |        |        |        |        |        |        |
| 2013                  | 15,708                     | 25,043 | 32,720 | 37,650 | 41,000 | 42,951 | 44,375 | 11,759 | 20,020 | 26,547 | 30,569                    | 33,034 | 34,587 | 35,587 | 9,729  | 16,797 | 22,254 | 25,596 | 27,628 | 28,912 | 29,729                    |        |        |        |        |        |        |        |        |        |
| 2014                  | 15,561                     | 25,926 | 33,394 | 38,545 | 41,723 | 43,549 | 11,807 | 20,500 | 26,856 | 30,884 | 33,324                    | 34,684 | 9,807  | 17,256 | 22,627 | 25,982 | 27,982 | 29,097 |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2015                  | 16,335                     | 26,236 | 34,454 | 39,265 | 42,201 | 12,288 | 21,134 | 27,730 | 31,543 | 33,690 | 10,255                    | 17,795 | 23,229 | 26,342 | 28,082 |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2016                  | 16,735                     | 26,979 | 34,826 | 39,347 | 12,709 | 21,316 | 27,585 | 30,994 | 10,599 | 17,756 | 22,861                    | 25,636 |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2017                  | 17,424                     | 27,800 | 35,459 | 13,067 | 22,100 | 28,339 | 10,920 | 18,505 | 23,562 |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2018                  | 17,822                     | 27,475 | 13,649 | 22,008 | 11,270 | 18,472 |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2019                  | 17,352                     | 13,473 | 11,551 |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| <b>Paid Medical</b>   |                            |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2010.07               | 30,388                     | 32,147 | 39,698 | 46,769 | 53,183 | 57,166 | 59,969 | 62,183 | 63,838 | 64,543 | 16,777                    | 23,524 | 31,660 | 37,653 | 42,496 | 45,643 | 47,736 | 49,387 | 50,584 | 51,152 | 12,134                    | 19,359 | 26,109 | 31,070 | 34,890 | 37,468 | 39,113 | 40,393 | 41,354 | 41,808 |
| 2011                  | 26,691                     | 30,916 | 38,667 | 45,839 | 50,847 | 54,321 | 57,038 | 58,869 | 60,029 | 15,632 | 22,967                    | 30,644 | 36,550 | 40,488 | 43,172 | 45,139 | 46,492 | 47,374 | 11,961 | 19,133 | 25,517                    | 30,175 | 33,402 | 35,577 | 37,189 | 38,261 | 38,981 |        |        |        |
| 2012                  | 25,869                     | 29,675 | 37,173 | 43,609 | 47,728 | 50,342 | 52,466 | 53,802 | 15,121 | 22,071 | 29,166                    | 34,352 | 37,610 | 39,660 | 41,232 | 42,184 | 11,567 | 18,396 | 24,184 | 28,442 | 31,121                    | 32,783 | 34,045 | 34,805 |        |        |        |        |        |        |
| 2013                  | 23,426                     | 27,580 | 34,188 | 39,452 | 42,785 | 45,258 | 47,076 | 14,018 | 20,931 | 27,130 | 31,363                    | 33,960 | 35,867 | 37,147 | 11,082 | 17,401 | 22,702 | 26,222 | 28,342 | 29,911 | 30,942                    |        |        |        |        |        |        |        |        |        |
| 2014                  | 22,081                     | 26,440 | 32,899 | 38,020 | 41,217 | 43,583 | 13,643 | 20,208 | 25,990 | 29,984 | 32,438                    | 34,143 | 10,836 | 16,994 | 21,903 | 25,199 | 27,205 | 28,568 |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2015                  | 20,923                     | 25,473 | 32,225 | 37,116 | 40,521 | 13,117 | 19,764 | 25,639 | 29,426 | 31,795 | 10,795                    | 16,866 | 21,623 | 24,671 | 26,551 |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2016                  | 22,562                     | 26,296 | 32,355 | 36,609 | 13,864 | 19,982 | 25,140 | 28,410 | 11,233 | 16,688 | 20,976                    | 23,557 |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2017                  | 21,799                     | 27,254 | 33,251 | 14,241 | 20,869 | 26,143 | 11,437 | 17,511 | 21,813 |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2018                  | 21,534                     | 27,157 | 14,492 | 20,714 | 11,599 | 17,221 |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2019                  | 21,157                     | 14,018 | 11,248 |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |

Notes: 2010.07 represents July 1, 2010 to December 31, 2010 policies.  
 Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Average Incurred Indemnity Claim Severity for Claims with Paid ALAE Greater than \$1K, \$4K and \$10K

| PY/RL              | Greater than \$10,000 ALAE |        |        |        |        |        |        |        |        |        | Greater than \$4,000 ALAE |        |        |        |        |        |        |        |        |        | Greater than \$1,000 ALAE |        |        |        |        |        |        |        |        |        |
|--------------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                    | 1                          | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                         | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                         | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Incurred Indemnity |                            |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2010.07            | 33,855                     | 39,537 | 43,991 | 47,281 | 49,486 | 50,383 | 51,254 | 52,043 | 52,730 | 53,087 | 23,413                    | 30,980 | 35,582 | 38,227 | 39,855 | 40,641 | 41,218 | 41,764 | 42,260 | 42,555 | 18,699                    | 25,560 | 29,310 | 31,458 | 32,829 | 33,559 | 34,063 | 34,495 | 34,921 | 35,132 |
| 2011               | 33,784                     | 39,643 | 44,117 | 47,150 | 48,833 | 49,969 | 50,731 | 51,227 | 51,741 | 24,303 | 31,294                    | 35,407 | 37,836 | 39,106 | 40,015 | 40,570 | 40,954 | 41,355 | 19,898 | 25,843 | 29,173                    | 31,095 | 32,249 | 33,024 | 33,515 | 33,841 | 34,163 |        |        |        |
| 2012               | 33,604                     | 39,081 | 43,481 | 46,022 | 47,307 | 48,374 | 48,997 | 49,683 | 23,925 | 30,466 | 34,408                    | 36,470 | 37,507 | 38,321 | 38,835 | 39,326 | 19,380 | 25,237 | 28,288 | 30,017 | 30,998                    | 31,669 | 32,118 | 32,504 |        |        |        |        |        |        |
| 2013               | 32,533                     | 38,848 | 43,344 | 45,349 | 46,738 | 47,598 | 48,196 | 23,884 | 30,558 | 34,254 | 36,047                    | 37,061 | 37,771 | 38,170 | 19,672 | 25,224 | 28,318 | 29,894 | 30,758 | 31,359 | 31,706                    |        |        |        |        |        |        |        |        |        |
| 2014               | 32,560                     | 39,972 | 44,263 | 46,578 | 48,010 | 48,671 | 23,846 | 30,910 | 34,662 | 36,536 | 37,624                    | 38,158 | 19,853 | 25,689 | 28,815 | 30,395 | 31,318 | 31,766 |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2015               | 34,164                     | 40,315 | 44,833 | 47,191 | 48,566 | 24,406 | 31,406 | 35,197 | 37,016 | 37,921 | 20,361                    | 26,189 | 29,083 | 30,555 | 31,293 |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2016               | 34,683                     | 40,993 | 45,859 | 48,172 | 24,989 | 31,505 | 35,181 | 36,814 | 20,812 | 25,856 | 28,718                    | 30,026 |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2017               | 35,949                     | 42,691 | 47,222 | 25,724 | 32,872 | 36,618 | 21,236 | 27,059 | 29,955 |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2018               | 35,282                     | 43,244 | 26,227 | 33,543 | 21,597 | 27,640 |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2019               | 36,413                     | 27,007 | 22,745 |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| Incurred Medical   |                            |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2010.07            | 59,777                     | 54,221 | 59,214 | 64,287 | 68,577 | 69,837 | 70,102 | 70,511 | 70,905 | 70,846 | 35,288                    | 40,746 | 46,837 | 51,004 | 53,780 | 54,909 | 55,110 | 55,385 | 55,654 | 55,701 | 27,081                    | 33,654 | 38,334 | 41,527 | 43,662 | 44,658 | 44,844 | 45,025 | 45,293 | 45,322 |
| 2011               | 58,109                     | 53,825 | 58,110 | 62,445 | 64,304 | 65,730 | 66,375 | 66,608 | 66,720 | 35,329 | 40,326                    | 45,383 | 48,895 | 50,292 | 51,373 | 51,794 | 51,993 | 52,076 | 28,007 | 33,504 | 37,310                    | 39,813 | 41,044 | 41,936 | 42,326 | 42,519 | 42,598 |        |        |        |
| 2012               | 56,370                     | 51,778 | 55,747 | 58,553 | 59,734 | 60,348 | 60,850 | 61,126 | 34,752 | 38,747 | 42,794                    | 45,134 | 46,162 | 46,652 | 47,046 | 47,226 | 27,414 | 32,056 | 34,987 | 36,824 | 37,743                    | 38,144 | 38,482 | 38,631 |        |        |        |        |        |        |
| 2013               | 51,607                     | 47,225 | 50,624 | 52,216 | 53,317 | 54,194 | 54,656 | 32,036 | 36,021 | 39,136 | 40,567                    | 41,378 | 42,026 | 42,299 | 26,264 | 29,796 | 32,281 | 33,470 | 34,117 | 34,639 | 34,879                    |        |        |        |        |        |        |        |        |        |
| 2014               | 46,560                     | 45,159 | 48,655 | 50,383 | 51,650 | 52,322 | 30,181 | 34,177 | 37,291 | 38,669 | 39,597                    | 40,061 | 24,996 | 28,551 | 31,012 | 32,059 | 32,781 | 33,132 |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2015               | 46,280                     | 44,170 | 46,652 | 48,805 | 50,978 | 29,282 | 33,303 | 36,433 | 37,955 | 38,832 | 24,710                    | 28,454 | 30,174 | 31,254 | 31,915 |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2016               | 48,035                     | 44,846 | 47,573 | 49,360 | 29,957 | 33,163 | 35,552 | 36,880 | 25,117 | 27,463 | 29,081                    | 30,003 |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2017               | 49,798                     | 47,370 | 49,472 | 31,209 | 34,958 | 37,505 | 25,441 | 28,865 | 30,648 |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2018               | 43,691                     | 45,405 | 29,875 | 34,301 | 24,844 | 28,350 |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |
| 2019               | 43,499                     | 30,322 | 25,183 |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |                           |        |        |        |        |        |        |        |        |        |

Notes: 2010.07 represents July 1, 2010 to December 31, 2010 policies.  
 Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Share of All Indemnity Claim Counts and Paid Loss for Nontrivial/Low/No-ALAE Claims

| PY/RL                                   | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                                         | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |  |  |  |  |
| <b>Indemnity Claim Counts</b>           |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2010.07                                 | 43.3%           | 55.1% | 58.9% | 60.3% | 61.5% | 61.9% | 62.2% | 62.5% | 62.5% | 62.5% | 53.0%    | 41.6% | 38.3% | 37.1% | 36.2% | 35.8% | 35.6% | 35.4% | 35.4% | 35.3% | 3.7%    | 3.3% | 2.8% | 2.6% | 2.3% | 2.2% | 2.2% | 2.1% | 2.1% | 2.2% |  |  |  |  |
| 2011                                    | 43.6%           | 55.7% | 59.2% | 61.0% | 61.8% | 62.3% | 62.5% | 62.6% | 62.7% | 52.6% | 41.3%    | 38.1% | 36.7% | 35.9% | 35.6% | 35.4% | 35.3% | 35.2% | 3.9%  | 3.0%  | 2.7%    | 2.3% | 2.2% | 2.1% | 2.1% | 2.1% | 2.1% |      |      |      |  |  |  |  |
| 2012                                    | 44.4%           | 56.9% | 60.8% | 62.2% | 62.9% | 63.3% | 63.4% | 63.5% | 51.2% | 39.9% | 36.6%    | 35.4% | 34.8% | 34.4% | 34.3% | 34.2% | 4.3%  | 3.2%  | 2.6%  | 2.4%  | 2.3%    | 2.3% | 2.3% | 2.2% |      |      |      |      |      |      |  |  |  |  |
| 2013                                    | 45.8%           | 58.6% | 61.9% | 63.1% | 63.7% | 63.9% | 64.0% | 49.7% | 38.4% | 35.4% | 34.3%    | 33.8% | 33.6% | 4.5%  | 3.1%  | 2.7%  | 2.5%  | 2.5%  | 2.4%  | 2.5%  |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2014                                    | 47.6%           | 59.4% | 62.4% | 63.4% | 63.9% | 64.1% | 48.5% | 37.9% | 35.1% | 34.2% | 33.8%    | 33.6% | 3.8%  | 2.7%  | 2.5%  | 2.3%  | 2.3%  | 2.3%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2015                                    | 48.4%           | 59.8% | 62.6% | 63.5% | 63.8% | 47.9% | 37.3% | 34.8% | 34.1% | 33.8% | 3.7%     | 2.9%  | 2.6%  | 2.4%  | 2.4%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2016                                    | 48.8%           | 60.0% | 62.6% | 63.4% | 47.7% | 37.4% | 35.1% | 34.3% | 3.5%  | 2.6%  | 2.3%     | 2.3%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2017                                    | 49.6%           | 59.6% | 61.7% | 47.1% | 37.9% | 35.9% | 3.3%  | 2.5%  | 2.3%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2018                                    | 50.1%           | 59.7% | 46.7% | 37.8% | 3.2%  | 2.5%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2019                                    | 49.9%           | 46.0% | 4.2%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| <b>Paid ALAE</b>                        |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2010.07                                 | 93.7%           | 97.4% | 98.4% | 98.7% | 98.9% | 99.0% | 99.0% | 99.1% | 99.1% | 99.1% | 6.3%     | 2.6%  | 1.6%  | 1.3%  | 1.1%  | 1.0%  | 1.0%  | 0.9%  | 0.9%  | 0.9%  |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2011                                    | 93.5%           | 97.4% | 98.3% | 98.7% | 98.9% | 99.0% | 99.0% | 99.1% | 99.1% | 6.5%  | 2.6%     | 1.7%  | 1.3%  | 1.1%  | 1.0%  | 1.0%  | 0.9%  | 0.9%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2012                                    | 93.5%           | 97.5% | 98.4% | 98.8% | 98.9% | 99.0% | 99.0% | 99.1% | 6.5%  | 2.5%  | 1.6%     | 1.2%  | 1.1%  | 1.0%  | 1.0%  | 0.9%  |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2013                                    | 94.0%           | 97.7% | 98.5% | 98.8% | 98.9% | 99.0% | 99.0% | 6.0%  | 2.3%  | 1.5%  | 1.2%     | 1.1%  | 1.0%  | 1.0%  |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2014                                    | 94.6%           | 97.9% | 98.6% | 98.8% | 98.9% | 99.0% | 5.4%  | 2.1%  | 1.4%  | 1.2%  | 1.1%     | 1.0%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2015                                    | 94.8%           | 98.0% | 98.6% | 98.8% | 98.9% | 5.2%  | 2.0%  | 1.4%  | 1.2%  | 1.1%  |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2016                                    | 95.1%           | 98.0% | 98.6% | 98.8% | 4.9%  | 2.0%  | 1.4%  | 1.2%  |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2017                                    | 95.3%           | 98.0% | 98.5% | 4.7%  | 2.0%  | 1.5%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2018                                    | 95.3%           | 97.9% | 4.7%  | 2.1%  |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2019                                    | 95.4%           | 4.6%  |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| <b>Paid Indemnity</b>                   |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2010.07                                 | 70.7%           | 85.8% | 90.7% | 92.0% | 93.3% | 93.7% | 94.0% | 94.2% | 94.3% | 94.3% | 28.2%    | 12.8% | 8.4%  | 7.0%  | 6.0%  | 5.6%  | 5.4%  | 5.2%  | 5.1%  | 5.0%  | 1.2%    | 1.4% | 1.0% | 1.0% | 0.6% | 0.7% | 0.6% | 0.6% | 0.6% | 0.7% |  |  |  |  |
| 2011                                    | 70.6%           | 86.2% | 90.5% | 92.3% | 93.2% | 93.6% | 93.9% | 94.0% | 94.0% | 28.1% | 12.9%    | 8.6%  | 6.9%  | 6.1%  | 5.7%  | 5.5%  | 5.4%  | 5.3%  | 1.2%  | 1.0%  | 0.9%    | 0.8% | 0.7% | 0.6% | 0.6% | 0.7% | 0.7% |      |      |      |  |  |  |  |
| 2012                                    | 71.2%           | 86.9% | 91.2% | 92.6% | 93.4% | 93.7% | 93.9% | 94.0% | 27.7% | 12.3% | 8.2%     | 6.8%  | 6.1%  | 5.8%  | 5.6%  | 5.5%  | 1.1%  | 0.9%  | 0.6%  | 0.5%  | 0.5%    | 0.5% | 0.5% | 0.5% |      |      |      |      |      |      |  |  |  |  |
| 2013                                    | 73.2%           | 88.2% | 91.9% | 93.1% | 93.6% | 93.8% | 93.9% | 25.8% | 11.1% | 7.5%  | 6.3%     | 5.8%  | 5.6%  | 5.5%  | 1.0%  | 0.6%  | 0.6%  | 0.5%  | 0.6%  | 0.6%  | 0.6%    |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2014                                    | 74.8%           | 88.9% | 92.1% | 93.0% | 93.5% | 93.6% | 24.1% | 10.4% | 7.2%  | 6.3%  | 5.8%     | 5.6%  | 1.1%  | 0.7%  | 0.6%  | 0.7%  | 0.7%  | 0.8%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2015                                    | 75.9%           | 89.4% | 92.3% | 93.2% | 93.5% | 23.1% | 9.9%  | 7.0%  | 6.2%  | 5.8%  | 0.9%     | 0.7%  | 0.7%  | 0.7%  | 0.7%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2016                                    | 77.1%           | 89.4% | 92.0% | 92.8% | 22.2% | 10.0% | 7.4%  | 6.6%  | 0.7%  | 0.6%  | 0.6%     | 0.7%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2017                                    | 78.0%           | 89.7% | 92.1% | 21.3% | 9.7%  | 7.3%  | 0.7%  | 0.6%  | 0.6%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2018                                    | 78.3%           | 89.2% | 21.0% | 10.2% | 0.6%  | 0.6%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2019                                    | 76.6%           | 22.4% | 1.0%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| <b>Paid Medical on Indemnity Claims</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2010.07                                 | 73.0%           | 85.8% | 90.8% | 92.3% | 94.0% | 94.3% | 94.6% | 94.8% | 94.9% | 95.0% | 25.8%    | 12.8% | 8.5%  | 6.8%  | 5.6%  | 5.1%  | 4.9%  | 4.7%  | 4.6%  | 4.5%  | 1.1%    | 1.3% | 0.8% | 0.9% | 0.4% | 0.6% | 0.5% | 0.5% | 0.5% | 0.5% |  |  |  |  |
| 2011                                    | 72.5%           | 86.4% | 90.8% | 92.8% | 93.7% | 94.3% | 94.5% | 94.7% | 94.7% | 26.4% | 12.8%    | 8.5%  | 6.7%  | 5.9%  | 5.4%  | 5.1%  | 5.0%  | 4.9%  | 1.0%  | 0.8%  | 0.7%    | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |      |      |      |  |  |  |  |
| 2012                                    | 73.5%           | 87.0% | 91.6% | 93.1% | 93.9% | 94.2% | 94.4% | 94.5% | 25.6% | 12.3% | 8.0%     | 6.5%  | 5.8%  | 5.5%  | 5.3%  | 5.1%  | 0.9%  | 0.7%  | 0.4%  | 0.4%  | 0.3%    | 0.3% | 0.3% | 0.4% |      |      |      |      |      |      |  |  |  |  |
| 2013                                    | 74.3%           | 88.1% | 91.8% | 93.2% | 93.8% | 94.1% | 94.2% | 24.8% | 11.4% | 7.7%  | 6.4%     | 5.8%  | 5.5%  | 5.4%  | 0.9%  | 0.5%  | 0.4%  | 0.4%  | 0.4%  | 0.4%  | 0.5%    |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2014                                    | 75.9%           | 88.3% | 91.9% | 93.0% | 93.5% | 93.8% | 23.4% | 11.1% | 7.6%  | 6.5%  | 6.0%     | 5.7%  | 0.7%  | 0.5%  | 0.5%  | 0.5%  | 0.5%  | 0.6%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2015                                    | 76.6%           | 88.7% | 91.8% | 92.9% | 93.3% | 22.7% | 10.8% | 7.7%  | 6.6%  | 6.2%  | 0.7%     | 0.5%  | 0.5%  | 0.5%  | 0.5%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2016                                    | 77.5%           | 88.7% | 91.6% | 92.5% | 22.0% | 10.9% | 8.0%  | 7.0%  | 0.5%  | 0.4%  | 0.4%     | 0.5%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2017                                    | 78.2%           | 89.0% | 91.6% | 21.1% | 10.6% | 7.9%  | 0.6%  | 0.4%  | 0.4%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2018                                    | 79.4%           | 89.1% | 20.1% | 10.5% | 0.5%  | 0.4%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 2019                                    | 78.5%           | 20.7% | 0.8%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |  |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum across the row (i.e. Nontrivial ALAE + Low ALAE + No ALAE = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Average Paid Indemnity Claim Severity

| PY/RL                 | Nontrivial ALAE |        |        |        |        |        |        |        |        |        | Low ALAE |       |       |       |       |       |       |       |       |       | All Indemnity Claims |        |        |        |        |        |        |        |        |        |
|-----------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 1               | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1                    | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| <b>Paid ALAE</b>      |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |        |        |        |        |        |        |        |        |        |
| 2010.07               | 5,270           | 8,037  | 10,501 | 12,320 | 13,745 | 14,744 | 15,367 | 15,836 | 16,147 | 16,373 | 288      | 280   | 270   | 265   | 262   | 261   | 260   | 260   | 260   | 260   | 2,432                | 4,549  | 6,289  | 7,529  | 8,554  | 9,225  | 9,654  | 9,982  | 10,183 | 10,328 |
| 2011                  | 5,150           | 7,922  | 10,336 | 12,262 | 13,754 | 14,677 | 15,343 | 15,661 | 15,954 |        | 297      | 283   | 271   | 265   | 263   | 262   | 262   | 262   | 261   |       | 2,400                | 4,533  | 6,226  | 7,579  | 8,600  | 9,238  | 9,683  | 9,895  | 10,089 |        |
| 2012                  | 5,020           | 7,883  | 10,252 | 12,097 | 13,281 | 14,064 | 14,579 | 14,908 |        |        | 301      | 285   | 273   | 268   | 266   | 266   | 266   | 265   | 265   |       | 2,384                | 4,597  | 6,337  | 7,624  | 8,448  | 8,994  | 9,341  | 9,561  |        |        |
| 2013                  | 5,198           | 7,965  | 10,345 | 12,011 | 13,085 | 13,788 | 14,238 |        |        |        | 305      | 285   | 271   | 267   | 266   | 266   | 266   |       |       |       | 2,534                | 4,774  | 6,505  | 7,674  | 8,429  | 8,904  | 9,204  |        |        |        |
| 2014                  | 5,354           | 8,165  | 10,419 | 11,939 | 12,887 | 13,490 |        |        |        |        | 299      | 276   | 265   | 263   | 261   | 260   |       |       |       |       | 2,695                | 4,954  | 6,594  | 7,664  | 8,322  | 8,729  |        |        |        |        |
| 2015                  | 5,345           | 8,248  | 10,380 | 11,761 | 12,576 |        |        |        |        |        | 295      | 275   | 264   | 261   | 260   |       |       |       |       |       | 2,727                | 5,036  | 6,595  | 7,555  | 8,113  |        |        |        |        |        |
| 2016                  | 5,520           | 8,463  | 10,477 | 11,540 |        |        |        |        |        |        | 294      | 275   | 265   | 263   |       |       |       |       |       |       | 2,834                | 5,179  | 6,653  | 7,405  |        |        |        |        |        |        |
| 2017                  | 5,672           | 8,603  | 10,607 |        |        |        |        |        |        |        | 297      | 277   | 269   |       |       |       |       |       |       |       | 2,953                | 5,230  | 6,646  |        |        |        |        |        |        |        |
| 2018                  | 5,750           | 8,536  |        |        |        |        |        |        |        |        | 305      | 288   |       |       |       |       |       |       |       |       | 3,026                | 5,202  |        |        |        |        |        |        |        |        |
| 2019                  | 5,721           |        |        |        |        |        |        |        |        |        | 301      |       |       |       |       |       |       |       |       |       | 2,991                |        |        |        |        |        |        |        |        |        |
| <b>Paid Indemnity</b> |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |        |        |        |        |        |        |        |        |        |
| 2010.07               | 9,036           | 16,216 | 21,902 | 25,677 | 28,371 | 30,139 | 31,316 | 32,296 | 32,963 | 33,398 | 2,939    | 3,221 | 3,116 | 3,195 | 3,111 | 3,118 | 3,131 | 3,124 | 3,134 | 3,137 | 5,532                | 10,425 | 14,230 | 16,840 | 18,707 | 19,918 | 20,730 | 21,410 | 21,849 | 22,132 |
| 2011                  | 9,446           | 16,591 | 22,122 | 25,735 | 28,135 | 29,734 | 30,924 | 31,781 | 32,321 |        | 3,116    | 3,343 | 3,276 | 3,204 | 3,185 | 3,195 | 3,202 | 3,234 | 3,241 |       | 5,825                | 10,731 | 14,487 | 17,010 | 18,674 | 19,791 | 20,595 | 21,172 | 21,535 |        |
| 2012                  | 9,367           | 16,490 | 21,663 | 25,237 | 27,426 | 28,797 | 29,740 | 30,408 |        |        | 3,156    | 3,318 | 3,244 | 3,265 | 3,254 | 3,268 | 3,285 | 3,295 |       |       | 5,845                | 10,796 | 14,453 | 16,955 | 18,479 | 19,451 | 20,100 | 20,557 |        |        |
| 2013                  | 9,729           | 16,797 | 22,254 | 25,596 | 27,628 | 28,912 | 29,729 |        |        |        | 3,159    | 3,238 | 3,187 | 3,206 | 3,254 | 3,284 | 3,301 |       |       |       | 6,093                | 11,147 | 15,005 | 17,351 | 18,812 | 19,701 | 20,264 |        |        |        |
| 2014                  | 9,807           | 17,256 | 22,627 | 25,982 | 27,982 | 29,097 |        |        |        |        | 3,106    | 3,173 | 3,160 | 3,245 | 3,303 | 3,321 |       |       |       |       | 6,244                | 11,533 | 15,328 | 17,716 | 19,126 | 19,910 |        |        |        |        |
| 2015                  | 10,255          | 17,795 | 23,229 | 26,342 | 28,082 |        |        |        |        |        | 3,159    | 3,164 | 3,190 | 3,256 | 3,303 |       |       |       |       |       | 6,535                | 11,908 | 15,767 | 17,949 | 19,169 |        |        |        |        |        |
| 2016                  | 10,599          | 17,756 | 22,861 | 25,636 |        |        |        |        |        |        | 3,123    | 3,179 | 3,293 | 3,354 |       |       |       |       |       |       | 6,709                | 11,910 | 15,559 | 17,518 |        |        |        |        |        |        |
| 2017                  | 10,920          | 18,505 | 23,562 |        |        |        |        |        |        |        | 3,148    | 3,146 | 3,189 |       |       |       |       |       |       |       | 6,946                | 12,288 | 15,791 |        |        |        |        |        |        |        |
| 2018                  | 11,270          | 18,472 |        |        |        |        |        |        |        |        | 3,250    | 3,326 |       |       |       |       |       |       |       |       | 7,213                | 12,351 |        |        |        |        |        |        |        |        |
| 2019                  | 11,551          |        |        |        |        |        |        |        |        |        | 3,665    |       |       |       |       |       |       |       |       |       | 7,516                |        |        |        |        |        |        |        |        |        |
| <b>Paid Medical</b>   |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |        |        |        |        |        |        |        |        |        |
| 2010.07               | 12,134          | 19,359 | 26,109 | 31,070 | 34,890 | 37,468 | 39,113 | 40,393 | 41,354 | 41,808 | 3,502    | 3,838 | 3,737 | 3,714 | 3,512 | 3,504 | 3,526 | 3,517 | 3,518 | 3,523 | 7,187                | 12,438 | 16,938 | 20,294 | 22,844 | 24,597 | 25,723 | 26,607 | 27,226 | 27,523 |
| 2011                  | 11,961          | 19,133 | 25,517 | 30,175 | 33,402 | 35,577 | 37,189 | 38,261 | 38,981 |        | 3,610    | 3,829 | 3,737 | 3,650 | 3,601 | 3,567 | 3,570 | 3,575 | 3,575 |       | 7,183                | 12,348 | 16,657 | 19,835 | 22,037 | 23,521 | 24,597 | 25,304 | 25,784 |        |
| 2012                  | 11,567          | 18,396 | 24,184 | 28,442 | 31,121 | 32,783 | 34,045 | 34,805 |        |        | 3,500    | 3,714 | 3,527 | 3,511 | 3,482 | 3,486 | 3,504 | 3,501 |       |       | 6,994                | 12,025 | 16,068 | 19,011 | 20,856 | 22,021 | 22,878 | 23,395 |        |        |
| 2013                  | 11,082          | 17,401 | 22,702 | 26,222 | 28,342 | 29,911 | 30,942 |        |        |        | 3,407    | 3,448 | 3,347 | 3,312 | 3,331 | 3,353 | 3,356 |       |       |       | 6,832                | 11,568 | 15,313 | 17,758 | 19,264 | 20,330 | 21,029 |        |        |        |
| 2014                  | 10,836          | 16,994 | 21,903 | 25,199 | 27,205 | 28,568 |        |        |        |        | 3,272    | 3,356 | 3,227 | 3,261 | 3,296 | 3,306 |       |       |       |       | 6,800                | 11,425 | 14,872 | 17,185 | 18,585 | 19,519 |        |        |        |        |
| 2015                  | 10,795          | 16,866 | 21,623 | 24,671 | 26,551 |        |        |        |        |        | 3,235    | 3,284 | 3,250 | 3,282 | 3,308 |       |       |       |       |       | 6,822                | 11,374 | 14,749 | 16,857 | 18,150 |        |        |        |        |        |
| 2016                  | 11,233          | 16,688 | 20,976 | 23,557 |        |        |        |        |        |        | 3,265    | 3,284 | 3,254 | 3,276 |       |       |       |       |       |       | 7,076                | 11,288 | 14,338 | 16,142 |        |        |        |        |        |        |
| 2017                  | 11,437          | 17,511 | 21,813 |        |        |        |        |        |        |        | 3,255    | 3,281 | 3,251 |       |       |       |       |       |       |       | 7,250                | 11,724 | 14,702 |        |        |        |        |        |        |        |
| 2018                  | 11,599          | 17,221 |        |        |        |        |        |        |        |        | 3,159    | 3,213 |       |       |       |       |       |       |       |       | 7,324                | 11,536 |        |        |        |        |        |        |        |        |
| 2019                  | 11,248          |        |        |        |        |        |        |        |        |        | 3,217    |       |       |       |       |       |       |       |       |       | 7,141                |        |        |        |        |        |        |        |        |        |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Average Incurred Indemnity Claim Severity

| PY/RL              | Nontrivial ALAE |        |        |        |        |        |        |        |        |        | Low ALAE |        |        |        |        |        |        |        |        |        | All Indemnity Claims |        |        |        |        |        |        |        |        |        |  |  |
|--------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
|                    | 1               | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                    | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |  |  |
| Incurred Indemnity |                 |        |        |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2010.07            | 18,699          | 25,560 | 29,310 | 31,458 | 32,829 | 33,559 | 34,063 | 34,495 | 34,921 | 35,132 | 5,723    | 4,444  | 3,669  | 3,527  | 3,289  | 3,249  | 3,226  | 3,186  | 3,204  | 3,209  | 11,379               | 16,225 | 18,867 | 20,493 | 21,533 | 22,100 | 22,486 | 22,814 | 23,104 | 23,252 |  |  |
| 2011               | 19,898          | 25,843 | 29,173 | 31,095 | 32,249 | 33,024 | 33,515 | 33,841 | 34,163 | 5,965  | 4,542    | 3,812  | 3,489  | 3,370  | 3,316  | 3,300  | 3,307  | 3,298  | 12,050 | 16,483 | 18,939               | 20,419 | 21,308 | 21,899 | 22,263 | 22,498 | 22,716 |        |        |        |  |  |
| 2012               | 19,380          | 25,237 | 28,288 | 30,017 | 30,998 | 31,669 | 32,118 | 32,504 | 6,133  | 4,581  | 3,733    | 3,532  | 3,425  | 3,366  | 3,361  | 3,358  | 11,995 | 16,373 | 18,710 | 20,054 | 20,809               | 21,317 | 21,645 | 21,921 |        |        |        |        |        |        |  |  |
| 2013               | 19,672          | 25,224 | 28,318 | 29,894 | 30,758 | 31,359 | 31,706 | 6,214  | 4,329  | 3,672  | 3,497    | 3,428  | 3,426  | 3,416  | 12,336 | 16,572 | 18,977 | 20,194 | 20,887 | 21,331 | 21,581               |        |        |        |        |        |        |        |        |        |  |  |
| 2014               | 19,853          | 25,689 | 28,815 | 30,395 | 31,318 | 31,766 | 6,067  | 4,313  | 3,683  | 3,514  | 3,478    | 3,458  | 12,627 | 17,063 | 19,431 | 20,646 | 21,347 | 21,691 |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2015               | 20,361          | 26,189 | 29,083 | 30,555 | 31,293 | 6,111  | 4,207  | 3,605  | 3,511  | 3,475  | 13,000   | 17,402 | 19,632 | 20,744 | 21,303 |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2016               | 20,812          | 25,856 | 28,718 | 30,026 | 6,018  | 4,198  | 3,703  | 3,611  | 13,216 | 17,219 | 19,413   | 20,421 |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2017               | 21,236          | 27,059 | 29,955 | 5,884  | 4,127  | 3,650  | 13,502 | 17,828 | 19,962 |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2018               | 21,597          | 27,640 | 5,983  | 4,461  | 13,803 | 18,332 |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2019               | 22,745          | 6,676  | 14,671 |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| Incurred Medical   |                 |        |        |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2010.07            | 27,081          | 33,654 | 38,334 | 41,527 | 43,662 | 44,658 | 44,844 | 45,025 | 45,293 | 45,322 | 8,483    | 6,133  | 4,765  | 4,297  | 3,858  | 3,738  | 3,712  | 3,629  | 3,630  | 3,627  | 16,539               | 21,436 | 24,610 | 26,869 | 28,395 | 29,165 | 29,375 | 29,557 | 29,741 | 29,774 |  |  |
| 2011               | 28,007          | 33,504 | 37,310 | 39,813 | 41,044 | 41,936 | 42,326 | 42,519 | 42,598 | 8,827  | 5,983    | 4,676  | 4,119  | 3,898  | 3,766  | 3,714  | 3,685  | 3,654  | 17,157 | 21,384 | 24,097               | 25,932 | 26,908 | 27,579 | 27,882 | 28,026 | 28,093 |        |        |        |  |  |
| 2012               | 27,414          | 32,056 | 34,987 | 36,824 | 37,743 | 38,144 | 38,482 | 38,631 | 8,625  | 5,906  | 4,335    | 3,920  | 3,723  | 3,628  | 3,608  | 3,578  | 16,925 | 20,796 | 22,999 | 24,413 | 25,138               | 25,484 | 25,746 | 25,867 |        |        |        |        |        |        |  |  |
| 2013               | 26,264          | 29,796 | 32,281 | 33,470 | 34,117 | 34,639 | 34,879 | 8,407  | 5,237  | 4,089  | 3,737    | 3,569  | 3,524  | 3,488  | 16,511 | 19,608 | 21,569 | 22,517 | 23,053 | 23,430 | 23,609               |        |        |        |        |        |        |        |        |        |  |  |
| 2014               | 24,996          | 28,551 | 31,012 | 32,059 | 32,781 | 33,132 | 7,990  | 5,164  | 3,971  | 3,630  | 3,528    | 3,490  | 16,045 | 19,083 | 20,894 | 21,720 | 22,271 | 22,553 |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2015               | 24,710          | 28,454 | 30,174 | 31,254 | 31,915 | 7,726  | 4,864  | 3,865  | 3,622  | 3,517  | 15,923   | 19,005 | 20,383 | 21,193 | 21,677 |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2016               | 25,117          | 27,463 | 29,081 | 30,003 | 7,542  | 4,715  | 3,807  | 3,598  | 16,084 | 18,380 | 19,659   | 20,375 |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2017               | 25,441          | 28,865 | 30,648 | 7,317  | 4,644  | 3,830  | 16,301 | 19,091 | 20,427 |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2018               | 24,844          | 28,350 | 7,113  | 4,748  | 15,992 | 18,859 |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |
| 2019               | 25,183          | 7,453  | 16,282 |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |  |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.  
 2010.07 represents July 1, 2010 to December 31, 2010 policies.  
 Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Claim Counts Distribution - By Injury Type

| PY/RL                              | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                                    | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>Death &amp; Permanent Total</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2010.07                            | 0.2%            | 0.2%  | 0.3%  | 0.3%  | 0.3%  | 0.4%  | 0.4%  | 0.5%  | 0.5%  | 0.5%  | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.0%  | 0.1%  | 0.2%  | 0.2%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  |       |       |       |       |       |       |  |
| 2011                               | 0.3%            | 0.3%  | 0.3%  | 0.3%  | 0.3%  | 0.4%  | 0.4%  | 0.5%  | 0.5%  |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.0%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  |       |       |       |       |       |       |  |
| 2012                               | 0.3%            | 0.3%  | 0.3%  | 0.4%  | 0.4%  | 0.4%  | 0.5%  | 0.5%  |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.1%  | 0.1%  | 0.0%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |       |  |
| 2013                               | 0.3%            | 0.3%  | 0.3%  | 0.3%  | 0.4%  | 0.4%  | 0.4%  | 0.4%  |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |  |
| 2014                               | 0.2%            | 0.2%  | 0.2%  | 0.3%  | 0.3%  | 0.4%  |       |       |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |         | 0.2%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2015                               | 0.2%            | 0.2%  | 0.3%  | 0.4%  | 0.4%  |       |       |       |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |         | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2016                               | 0.2%            | 0.3%  | 0.3%  | 0.4%  |       |       |       |       |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |       |         | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2017                               | 0.2%            | 0.3%  | 0.3%  |       |       |       |       |       |       |       | 0.0%     | 0.0%  | 0.0%  | 0.0%  |       |       |       |       |       |       |         | 0.1%  | 0.1%  | 0.1%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2018                               | 0.2%            | 0.3%  |       |       |       |       |       |       |       |       | 0.0%     | 0.0%  |       |       |       |       |       |       |       |       |         | 0.0%  | 0.0%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2019                               | 0.3%            |       |       |       |       |       |       |       |       |       | 0.0%     |       |       |       |       |       |       |       |       |       |         | 0.2%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>Permanent Partial</b>           |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2010.07                            | 43.2%           | 53.5% | 56.9% | 58.3% | 59.5% | 60.3% | 60.4% | 60.5% | 60.4% | 60.4% | 4.5%     | 3.5%  | 3.0%  | 2.8%  | 2.6%  | 2.6%  | 2.6%  | 2.5%  | 2.6%  | 2.6%  | 5.5%    | 8.2%  | 6.6%  | 6.7%  | 5.8%  | 5.8%  | 5.6%  | 5.6%  | 5.7%  | 5.8%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  |       |       |       |       |       |  |
| 2011                               | 43.6%           | 52.8% | 56.7% | 58.6% | 59.7% | 60.2% | 60.2% | 60.1% | 60.2% |       | 5.0%     | 3.7%  | 3.1%  | 2.9%  | 2.8%  | 2.7%  | 2.7%  | 2.7%  | 2.7%  | 2.7%  | 7.5%    | 6.6%  | 6.4%  | 6.0%  | 6.2%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  | 5.7%  |       |       |       |       |  |
| 2012                               | 39.7%           | 49.4% | 55.0% | 57.3% | 58.5% | 58.4% | 58.2% | 58.3% |       |       | 4.7%     | 3.6%  | 3.0%  | 2.8%  | 2.8%  | 2.7%  | 2.7%  | 2.7%  | 2.7%  |       | 7.5%    | 7.1%  | 6.1%  | 6.0%  | 6.0%  | 5.7%  | 5.7%  | 5.8%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2013                               | 36.4%           | 49.2% | 55.1% | 57.3% | 57.6% | 57.7% | 57.8% |       |       |       | 4.4%     | 3.2%  | 2.8%  | 2.7%  | 2.6%  | 2.6%  | 2.6%  |       |       |       | 7.0%    | 6.1%  | 6.6%  | 6.8%  | 6.6%  | 6.8%  | 7.0%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2014                               | 37.7%           | 49.4% | 54.8% | 56.3% | 56.8% | 57.2% |       |       |       |       | 4.1%     | 3.1%  | 2.6%  | 2.5%  | 2.5%  | 2.5%  |       |       |       |       | 8.1%    | 8.3%  | 8.2%  | 8.2%  | 8.0%  | 8.3%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2015                               | 38.4%           | 49.9% | 54.0% | 55.5% | 56.3% |       |       |       |       |       | 4.0%     | 2.8%  | 2.5%  | 2.4%  | 2.4%  |       |       |       |       |       | 9.7%    | 10.2% | 10.2% | 10.3% | 10.5% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2016                               | 38.4%           | 49.0% | 53.2% | 55.0% |       |       |       |       |       |       | 4.0%     | 2.9%  | 2.6%  | 2.5%  |       |       |       |       |       |       | 9.5%    | 10.3% | 10.8% | 11.1% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2017                               | 36.3%           | 46.3% | 50.8% |       |       |       |       |       |       |       | 3.3%     | 2.4%  | 2.2%  |       |       |       |       |       |       |       | 7.8%    | 8.1%  | 8.2%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2018                               | 34.8%           | 45.2% |       |       |       |       |       |       |       |       | 3.3%     | 2.5%  |       |       |       |       |       |       |       |       | 7.7%    | 8.1%  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2019                               | 35.2%           |       |       |       |       |       |       |       |       |       | 3.6%     |       |       |       |       |       |       |       |       |       | 7.7%    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>Temporary</b>                   |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2010.07                            | 41.5%           | 33.4% | 30.0% | 28.6% | 27.4% | 26.3% | 26.1% | 25.9% | 25.9% | 25.9% | 17.3%    | 15.2% | 14.8% | 14.6% | 14.5% | 14.4% | 14.4% | 14.4% | 14.4% | 14.4% | 20.6%   | 18.5% | 17.7% | 15.5% | 14.8% | 14.8% | 14.5% | 14.4% | 14.4% | 14.4% | 14.3% | 14.4% | 14.4% | 14.4% | 14.4% | 14.4% | 14.3% | 14.4% |       |       |       |       |  |
| 2011                               | 41.9%           | 34.4% | 30.7% | 28.8% | 27.4% | 26.7% | 26.5% | 26.5% | 26.3% |       | 17.9%    | 16.0% | 15.6% | 15.4% | 15.2% | 15.2% | 15.2% | 15.2% | 15.1% |       | 21.1%   | 18.5% | 17.0% | 15.4% | 14.7% | 14.4% | 14.3% | 14.4% | 14.4% |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2012                               | 46.3%           | 38.2% | 32.7% | 30.1% | 28.7% | 28.5% | 28.5% | 28.3% |       |       | 18.3%    | 16.2% | 15.6% | 15.4% | 15.3% | 15.2% | 15.2% | 15.2% |       |       | 23.6%   | 20.1% | 17.7% | 16.8% | 16.6% | 16.4% | 16.3% | 16.2% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2013                               | 49.3%           | 38.1% | 32.2% | 29.7% | 29.1% | 28.9% | 28.6% |       |       |       | 18.9%    | 16.5% | 15.8% | 15.6% | 15.5% | 15.5% | 15.5% |       |       |       | 25.1%   | 20.9% | 18.8% | 18.4% | 18.2% | 17.8% | 17.8% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2014                               | 47.0%           | 37.1% | 31.7% | 30.0% | 29.3% | 28.8% |       |       |       |       | 18.3%    | 16.1% | 15.7% | 15.5% | 15.4% | 15.4% |       |       |       |       | 26.4%   | 21.6% | 20.4% | 19.6% | 19.4% | 19.3% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2015                               | 46.4%           | 36.6% | 32.2% | 30.5% | 29.6% |       |       |       |       |       | 18.0%    | 16.0% | 15.5% | 15.4% | 15.3% |       |       |       |       |       | 26.5%   | 23.4% | 22.1% | 21.1% | 20.9% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2016                               | 45.8%           | 36.9% | 32.7% | 30.8% |       |       |       |       |       |       | 17.4%    | 15.6% | 15.2% | 15.0% |       |       |       |       |       |       | 28.2%   | 24.6% | 22.5% | 21.8% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2017                               | 47.1%           | 38.7% | 34.3% |       |       |       |       |       |       |       | 17.3%    | 15.6% | 15.2% |       |       |       |       |       |       |       | 25.6%   | 21.9% | 20.7% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2018                               | 48.0%           | 39.5% |       |       |       |       |       |       |       |       | 17.5%    | 15.9% |       |       |       |       |       |       |       |       | 24.4%   | 22.0% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2019                               | 47.7%           |       |       |       |       |       |       |       |       |       | 18.4%    |       |       |       |       |       |       |       |       |       | 29.5%   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>Medical-Only</b>                |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2010.07                            | 15.1%           | 12.9% | 12.8% | 12.8% | 12.9% | 13.0% | 13.1% | 13.2% | 13.2% | 13.2% | 78.2%    | 81.2% | 82.2% | 82.5% | 82.8% | 82.9% | 83.0% | 83.1% | 83.1% | 83.1% | 73.8%   | 73.1% | 75.6% | 77.7% | 79.3% | 79.4% | 79.9% | 80.0% | 79.9% | 79.8% | 79.8% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.8% |       |       |  |
| 2011                               | 14.2%           | 12.5% | 12.3% | 12.4% | 12.5% | 12.7% | 12.8% | 12.9% | 13.0% |       | 77.1%    | 80.3% | 81.3% | 81.7% | 81.9% | 82.1% | 82.1% | 82.1% | 82.1% |       | 71.3%   | 74.8% | 76.5% | 78.6% | 79.0% | 79.8% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% | 79.9% |  |
| 2012                               | 13.7%           | 12.2% | 12.1% | 12.3% | 12.4% | 12.7% | 12.8% | 12.9% |       |       | 76.9%    | 80.2% | 81.3% | 81.8% | 81.9% | 82.0% | 82.1% | 82.1% |       |       | 68.8%   | 72.7% | 76.2% | 77.2% | 77.4% | 77.8% | 78.0% | 78.0% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2013                               | 14.0%           | 12.4% | 12.4% | 12.6% | 12.9% | 13.0% | 13.1% |       |       |       | 76.8%    | 80.3% | 81.4% | 81.7% | 81.8% | 81.9% | 81.9% |       |       |       | 67.9%   | 73.0% | 74.6% | 74.8% | 75.2% | 75.4% | 75.3% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2014                               | 15.1%           | 13.3% | 13.2% | 13.5% | 13.5% | 13.6% |       |       |       |       | 77.6%    | 80.8% | 81.7% | 82.0% | 82.1% | 82.2% |       |       |       |       | 65.4%   | 70.0% | 71.3% | 72.1% | 72.5% | 72.3% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2015                               | 14.9%           | 13.3% | 13.5% | 13.6% | 13.7% |       |       |       |       |       | 78.0%    | 81.2% | 82.0% | 82.2% | 82.3% |       |       |       |       |       | 63.7%   | 66.3% | 67.8% | 68.5% | 68.6% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2016                               | 15.6%           | 13.9% | 13.8% | 13.8% |       |       |       |       |       |       | 78.6%    | 81.4% | 82.2% | 82.4% |       |       |       |       |       |       | 62.3%   | 65.0% | 66.7% | 67.0% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2017                               | 16.4%           | 14.8% | 14.5% |       |       |       |       |       |       |       | 79.3%    | 82.0% | 82.6% |       |       |       |       |       |       |       | 66.4%   | 69.8% | 71.0% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2018                               | 17.0%           | 15.0% |       |       |       |       |       |       |       |       | 79.1%    | 81.6% |       |       |       |       |       |       |       |       | 67.8%   | 69.8% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 2019                               | 16.8%           |       |       |       |       |       |       |       |       |       | 78.0%    |       |       |       |       |       |       |       |       |       | 62.7%   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum down the column (i.e. Death & Permanent Total + Permanent Partial + Temporary + Medical-Only = 100%).

Source: WCIRB unit statistical data, excluding COVID-19 claims.

Indemnity Claim Counts Distribution within Injury Type

| PY/RL                              | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |      |      |      |      |      |      |      |      |
|------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|------|------|------|------|------|------|------|------|
|                                    | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| <b>Death &amp; Permanent Total</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |      |      |      |      |      |      |      |      |
| 2010.07                            | 58.6%           | 79.1% | 84.7% | 86.4% | 91.9% | 93.5% | 93.2% | 94.2% | 94.4% | 95.2% | 28.6%    | 9.3%  | 6.1%  | 7.2%  | 4.8%  | 4.3%  | 4.8%  | 4.1%  | 4.0%  | 3.2%  | 12.9%   | 11.6% | 9.2% | 6.4% | 3.2% | 2.2% | 2.0% | 1.7% | 1.7% | 1.6% |
| 2011                               | 76.6%           | 87.4% | 86.8% | 91.2% | 93.7% | 95.2% | 95.4% | 95.7% | 96.0% |       | 15.2%    | 7.7%  | 7.5%  | 5.6%  | 4.2%  | 3.0%  | 2.7%  | 2.6%  | 2.7%  |       | 8.2%    | 4.8%  | 5.7% | 3.2% | 2.1% | 1.8% | 1.9% | 1.7% | 1.3% |      |
| 2012                               | 82.3%           | 90.8% | 94.5% | 95.0% | 95.2% | 95.4% | 95.7% | 96.0% |       |       | 12.7%    | 4.4%  | 3.5%  | 3.0%  | 2.6%  | 3.2%  | 3.3%  | 2.8%  |       |       | 5.0%    | 4.8%  | 2.0% | 2.0% | 2.3% | 1.4% | 1.0% | 1.2% |      |      |
| 2013                               | 88.1%           | 91.0% | 94.6% | 95.8% | 95.9% | 96.5% | 96.5% |       |       |       | 8.0%     | 6.1%  | 5.0%  | 3.5%  | 3.8%  | 3.2%  | 3.3%  |       |       |       | 4.0%    | 2.8%  | 0.4% | 0.7% | 0.3% | 0.3% | 0.3% |      |      |      |
| 2014                               | 75.7%           | 85.8% | 91.7% | 93.2% | 94.1% | 94.2% |       |       |       |       | 11.8%    | 6.9%  | 3.9%  | 3.0%  | 3.1%  | 2.9%  |       |       |       |       | 12.4%   | 7.4%  | 4.4% | 3.8% | 2.8% | 2.9% |      |      |      |      |
| 2015                               | 82.4%           | 90.4% | 94.4% | 95.6% | 95.5% |       |       |       |       |       | 15.4%    | 7.8%  | 4.5%  | 3.8%  | 3.9%  |       |       |       |       |       | 2.1%    | 1.7%  | 1.1% | 0.6% | 0.6% |      |      |      |      |      |
| 2016                               | 86.5%           | 94.2% | 95.4% | 95.6% |       |       |       |       |       |       | 12.0%    | 4.5%  | 3.7%  | 3.6%  |       |       |       |       |       |       | 1.6%    | 1.2%  | 0.9% | 0.8% |      |      |      |      |      |      |
| 2017                               | 77.5%           | 91.0% | 92.9% |       |       |       |       |       |       |       | 15.5%    | 5.5%  | 4.2%  |       |       |       |       |       |       |       | 7.0%    | 3.5%  | 2.9% |      |      |      |      |      |      |      |
| 2018                               | 86.9%           | 94.4% |       |       |       |       |       |       |       |       | 10.8%    | 4.8%  |       |       |       |       |       |       |       |       | 2.3%    | 0.8%  |      |      |      |      |      |      |      |      |
| 2019                               | 80.7%           |       |       |       |       |       |       |       |       |       | 10.8%    |       |       |       |       |       |       |       |       |       | 8.5%    |       |      |      |      |      |      |      |      |      |
| <b>Permanent Partial</b>           |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |      |      |      |      |      |      |      |      |
| 2010.07                            | 65.4%           | 79.2% | 84.2% | 85.5% | 87.1% | 87.5% | 87.7% | 88.0% | 88.0% | 88.0% | 32.3%    | 18.4% | 14.2% | 12.8% | 11.5% | 11.2% | 11.0% | 10.8% | 10.8% | 10.8% | 2.3%    | 2.3%  | 1.6% | 1.7% | 1.3% | 1.3% | 1.2% | 1.2% | 1.2% | 1.3% |
| 2011                               | 63.8%           | 79.8% | 84.3% | 86.3% | 87.1% | 87.7% | 87.9% | 87.9% | 88.0% |       | 33.3%    | 18.3% | 14.1% | 12.3% | 11.5% | 11.1% | 10.9% | 10.9% | 10.8% |       | 2.9%    | 1.9%  | 1.6% | 1.4% | 1.4% | 1.2% | 1.2% | 1.2% | 1.2% |      |
| 2012                               | 64.0%           | 79.9% | 85.2% | 86.9% | 87.6% | 88.0% | 88.1% | 88.1% |       |       | 32.7%    | 18.0% | 13.3% | 11.8% | 11.1% | 10.8% | 10.7% | 10.7% |       |       | 3.3%    | 2.1%  | 1.5% | 1.3% | 1.3% | 1.2% | 1.2% | 1.2% |      |      |
| 2013                               | 65.4%           | 82.5% | 86.5% | 87.9% | 88.4% | 88.4% | 88.5% |       |       |       | 31.4%    | 15.8% | 11.9% | 10.7% | 10.3% | 10.1% | 10.0% |       |       |       | 3.3%    | 1.7%  | 1.5% | 1.4% | 1.4% | 1.4% | 1.4% |      |      |      |
| 2014                               | 68.3%           | 83.3% | 87.3% | 88.3% | 88.7% | 88.8% |       |       |       |       | 28.8%    | 14.9% | 11.1% | 10.2% | 9.9%  | 9.7%  |       |       |       |       | 2.9%    | 1.9%  | 1.6% | 1.5% | 1.4% | 1.4% |      |      |      |      |
| 2015                               | 69.2%           | 84.1% | 87.6% | 88.3% | 88.7% |       |       |       |       |       | 27.6%    | 13.8% | 10.6% | 10.0% | 9.6%  |       |       |       |       |       | 3.2%    | 2.1%  | 1.8% | 1.7% | 1.7% |      |      |      |      |      |
| 2016                               | 69.3%           | 83.6% | 86.7% | 87.6% |       |       |       |       |       |       | 27.9%    | 14.5% | 11.6% | 10.8% |       |       |       |       |       |       | 2.8%    | 1.9%  | 1.7% | 1.7% |      |      |      |      |      |      |
| 2017                               | 72.0%           | 84.8% | 87.5% |       |       |       |       |       |       |       | 25.4%    | 13.4% | 10.9% |       |       |       |       |       |       |       | 2.6%    | 1.8%  | 1.6% |      |      |      |      |      |      |      |
| 2018                               | 71.9%           | 84.5% |       |       |       |       |       |       |       |       | 25.5%    | 13.7% |       |       |       |       |       |       |       |       | 2.6%    | 1.8%  |      |      |      |      |      |      |      |      |
| 2019                               | 71.7%           |       |       |       |       |       |       |       |       |       | 25.4%    |       |       |       |       |       |       |       |       |       | 2.9%    |       |      |      |      |      |      |      |      |      |
| <b>Temporary</b>                   |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |      |      |      |      |      |      |      |      |
| 2010.07                            | 32.0%           | 37.0% | 37.5% | 37.6% | 37.5% | 37.0% | 37.1% | 37.1% | 37.2% | 37.2% | 63.6%    | 59.0% | 58.8% | 58.9% | 59.3% | 59.9% | 59.9% | 59.8% | 59.8% | 59.8% | 4.4%    | 3.9%  | 3.7% | 3.5% | 3.2% | 3.2% | 3.1% | 3.1% | 3.1% | 3.0% |
| 2011                               | 32.7%           | 38.0% | 38.2% | 38.1% | 37.7% | 37.6% | 37.6% | 37.7% | 37.6% |       | 63.0%    | 58.2% | 58.3% | 58.7% | 59.2% | 59.4% | 59.4% | 59.3% | 59.4% |       | 4.4%    | 3.8%  | 3.6% | 3.2% | 3.1% | 3.0% | 2.9% | 3.0% | 3.0% |      |
| 2012                               | 35.1%           | 41.3% | 41.0% | 40.3% | 39.8% | 40.1% | 40.2% | 40.2% |       |       | 60.0%    | 54.7% | 55.6% | 56.3% | 56.9% | 56.7% | 56.5% | 56.6% |       |       | 4.8%    | 3.9%  | 3.5% | 3.3% | 3.3% | 3.2% | 3.2% | 3.2% |      |      |
| 2013                               | 37.5%           | 42.5% | 41.6% | 40.8% | 41.0% | 41.0% | 40.9% |       |       |       | 57.5%    | 53.5% | 54.8% | 55.7% | 55.6% | 55.6% | 55.7% |       |       |       | 5.0%    | 4.0%  | 3.6% | 3.5% | 3.5% | 3.4% | 3.4% |      |      |      |
| 2014                               | 38.3%           | 42.9% | 41.7% | 41.4% | 41.3% | 41.1% |       |       |       |       | 57.5%    | 53.7% | 55.1% | 55.5% | 55.6% | 55.8% |       |       |       |       | 4.2%    | 3.3%  | 3.2% | 3.1% | 3.1% | 3.1% |      |      |      |      |
| 2015                               | 38.7%           | 42.9% | 42.3% | 41.9% | 41.5% |       |       |       |       |       | 57.3%    | 53.7% | 54.5% | 55.0% | 55.4% |       |       |       |       |       | 4.0%    | 3.4%  | 3.2% | 3.1% | 3.1% |      |      |      |      |      |
| 2016                               | 39.0%           | 43.6% | 43.0% | 42.3% |       |       |       |       |       |       | 57.1%    | 53.3% | 54.1% | 54.8% |       |       |       |       |       |       | 3.9%    | 3.1%  | 2.9% | 2.8% |      |      |      |      |      |      |
| 2017                               | 39.9%           | 43.8% | 42.9% |       |       |       |       |       |       |       | 56.5%    | 53.2% | 54.2% |       |       |       |       |       |       |       | 3.6%    | 3.0%  | 2.9% |      |      |      |      |      |      |      |
| 2018                               | 41.1%           | 44.6% |       |       |       |       |       |       |       |       | 55.5%    | 52.5% |       |       |       |       |       |       |       |       | 3.4%    | 3.0%  |      |      |      |      |      |      |      |      |
| 2019                               | 40.6%           |       |       |       |       |       |       |       |       |       | 54.7%    |       |       |       |       |       |       |       |       |       | 4.7%    |       |      |      |      |      |      |      |      |      |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum across the row (i.e. Nontrivial ALAE + Low ALAE + No ALAE = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Average Paid Temporary-Only Claim Severity

| PY/RL                 | Nontrivial ALAE |        |        |        |        |        |        |        |        |        | Low ALAE |       |       |       |       |       |       |       |       |       | All Temporary-Only Claims |       |       |       |       |       |       |       |       |       |
|-----------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | 1               | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1                         | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
| <b>Paid ALAE</b>      |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07               | 4,794           | 6,905  | 8,527  | 9,436  | 10,057 | 10,353 | 10,510 | 10,627 | 10,720 | 10,799 | 249      | 236   | 232   | 229   | 228   | 227   | 227   | 227   | 227   | 227   | 1,692                     | 2,696 | 3,330 | 3,683 | 3,903 | 3,964 | 4,030 | 4,078 | 4,122 | 4,151 |
| 2011                  | 4,688           | 6,878  | 8,288  | 9,341  | 10,054 | 10,319 | 10,736 | 10,830 | 10,839 |        | 256      | 241   | 235   | 232   | 231   | 231   | 231   | 231   | 231   | 231   | 1,693                     | 2,755 | 3,299 | 3,698 | 3,932 | 4,016 | 4,176 | 4,224 | 4,217 |       |
| 2012                  | 4,616           | 6,964  | 8,425  | 9,505  | 9,886  | 10,184 | 10,469 | 10,445 |        |        | 266      | 248   | 241   | 238   | 237   | 237   | 237   | 237   | 237   | 237   | 1,781                     | 3,015 | 3,586 | 3,966 | 4,070 | 4,213 | 4,347 | 4,332 |       |       |
| 2013                  | 4,908           | 7,024  | 8,569  | 9,198  | 9,734  | 10,045 | 10,082 |        |        |        | 273      | 252   | 242   | 240   | 240   | 240   | 240   | 240   |       |       | 1,996                     | 3,123 | 3,700 | 3,888 | 4,119 | 4,255 | 4,259 |       |       |       |
| 2014                  | 5,055           | 7,453  | 8,714  | 9,406  | 9,825  | 9,856  |        |        |        |        | 265      | 243   | 237   | 235   | 234   | 234   |       |       |       |       | 2,087                     | 3,330 | 3,764 | 4,027 | 4,190 | 4,181 |       |       |       |       |
| 2015                  | 5,175           | 7,483  | 8,703  | 9,355  | 9,505  |        |        |        |        |        | 261      | 241   | 235   | 234   | 233   |       |       |       |       |       | 2,151                     | 3,338 | 3,812 | 4,050 | 4,076 |       |       |       |       |       |
| 2016                  | 5,236           | 8,001  | 9,177  | 9,081  |        |        |        |        |        |        | 262      | 243   | 236   | 235   |       |       |       |       |       |       | 2,193                     | 3,614 | 4,077 | 3,974 |       |       |       |       |       |       |
| 2017                  | 5,370           | 7,759  | 8,786  |        |        |        |        |        |        |        | 267      | 249   | 244   |       |       |       |       |       |       |       | 2,296                     | 3,535 | 3,901 |       |       |       |       |       |       |       |
| 2018                  | 5,462           | 7,609  |        |        |        |        |        |        |        |        | 277      | 262   |       |       |       |       |       |       |       |       | 2,397                     | 3,528 |       |       |       |       |       |       |       |       |
| 2019                  | 5,448           |        |        |        |        |        |        |        |        |        | 273      |       |       |       |       |       |       |       |       |       | 2,363                     |       |       |       |       |       |       |       |       |       |
| <b>Paid Indemnity</b> |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07               | 6,327           | 8,963  | 11,114 | 13,099 | 13,881 | 13,946 | 14,019 | 14,307 | 14,521 | 14,703 | 1,956    | 1,871 | 1,825 | 1,916 | 1,923 | 1,925 | 1,945 | 1,958 | 1,954 | 1,953 | 3,325                     | 4,514 | 5,342 | 6,162 | 6,430 | 6,426 | 6,470 | 6,593 | 6,685 | 6,753 |
| 2011                  | 6,549           | 9,633  | 11,867 | 12,927 | 13,409 | 13,814 | 14,107 | 14,373 | 14,408 |        | 2,060    | 2,027 | 2,048 | 2,049 | 2,028 | 2,038 | 2,050 | 2,059 | 2,061 |       | 3,495                     | 4,924 | 5,827 | 6,215 | 6,341 | 6,482 | 6,604 | 6,727 | 6,733 |       |
| 2012                  | 7,356           | 10,938 | 12,521 | 13,671 | 14,254 | 14,593 | 14,912 | 14,971 |        |        | 2,291    | 2,214 | 2,186 | 2,190 | 2,180 | 2,184 | 2,187 | 2,192 |       |       | 4,018                     | 5,819 | 6,429 | 6,826 | 6,997 | 7,169 | 7,329 | 7,356 |       |       |
| 2013                  | 7,869           | 11,160 | 13,165 | 13,948 | 14,571 | 15,026 | 15,150 |        |        |        | 2,458    | 2,288 | 2,215 | 2,222 | 2,236 | 2,244 | 2,243 |       |       |       | 4,431                     | 6,044 | 6,767 | 7,005 | 7,294 | 7,498 | 7,536 |       |       |       |
| 2014                  | 7,879           | 11,616 | 13,363 | 14,316 | 14,958 | 14,987 |        |        |        |        | 2,417    | 2,241 | 2,206 | 2,223 | 2,230 | 2,238 |       |       |       |       | 4,468                     | 6,249 | 6,856 | 7,247 | 7,508 | 7,503 |       |       |       |       |
| 2015                  | 8,061           | 11,580 | 13,419 | 14,495 | 14,753 |        |        |        |        |        | 2,390    | 2,237 | 2,238 | 2,266 | 2,275 |       |       |       |       |       | 4,531                     | 6,226 | 6,972 | 7,395 | 7,468 |       |       |       |       |       |
| 2016                  | 8,278           | 12,027 | 13,851 | 14,512 |        |        |        |        |        |        | 2,495    | 2,340 | 2,357 | 2,384 |       |       |       |       |       |       | 4,697                     | 6,546 | 7,303 | 7,530 |       |       |       |       |       |       |
| 2017                  | 8,736           | 12,728 | 14,163 |        |        |        |        |        |        |        | 2,512    | 2,358 | 2,328 |       |       |       |       |       |       |       | 4,947                     | 6,882 | 7,408 |       |       |       |       |       |       |       |
| 2018                  | 8,993           | 12,614 |        |        |        |        |        |        |        |        | 2,647    | 2,526 |       |       |       |       |       |       |       |       | 5,203                     | 7,006 |       |       |       |       |       |       |       |       |
| 2019                  | 9,268           |        |        |        |        |        |        |        |        |        | 3,068    |       |       |       |       |       |       |       |       |       | 5,519                     |       |       |       |       |       |       |       |       |       |
| <b>Paid Medical</b>   |                 |        |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                           |       |       |       |       |       |       |       |       |       |
| 2010.07               | 8,863           | 12,194 | 14,881 | 16,908 | 17,664 | 17,800 | 18,175 | 18,440 | 18,729 | 18,780 | 2,486    | 2,539 | 2,531 | 2,528 | 2,459 | 2,451 | 2,472 | 2,478 | 2,474 | 2,478 | 4,484                     | 6,133 | 7,178 | 7,970 | 8,170 | 8,187 | 8,345 | 8,458 | 8,580 | 8,603 |
| 2011                  | 8,521           | 12,232 | 15,233 | 16,584 | 17,193 | 17,642 | 18,028 | 18,211 | 18,354 |        | 2,590    | 2,598 | 2,578 | 2,545 | 2,525 | 2,512 | 2,525 | 2,526 | 2,522 |       | 4,478                     | 6,249 | 7,427 | 7,893 | 8,057 | 8,196 | 8,351 | 8,442 | 8,483 |       |
| 2012                  | 8,549           | 12,718 | 14,790 | 16,252 | 16,684 | 17,080 | 17,546 | 17,607 |        |        | 2,648    | 2,652 | 2,546 | 2,527 | 2,507 | 2,501 | 2,518 | 2,510 |       |       | 4,658                     | 6,791 | 7,554 | 8,053 | 8,149 | 8,340 | 8,575 | 8,595 |       |       |
| 2013                  | 8,844           | 12,145 | 14,220 | 15,107 | 15,812 | 16,340 | 16,499 |        |        |        | 2,733    | 2,621 | 2,529 | 2,517 | 2,520 | 2,523 | 2,522 |       |       |       | 4,951                     | 6,631 | 7,364 | 7,627 | 7,941 | 8,174 | 8,225 |       |       |       |
| 2014                  | 8,444           | 12,150 | 14,032 | 15,148 | 15,825 | 15,934 |        |        |        |        | 2,591    | 2,566 | 2,509 | 2,505 | 2,500 | 2,504 |       |       |       |       | 4,769                     | 6,634 | 7,280 | 7,721 | 7,986 | 8,012 |       |       |       |       |
| 2015                  | 8,488           | 11,936 | 13,977 | 14,964 | 15,254 |        |        |        |        |        | 2,592    | 2,543 | 2,506 | 2,511 | 2,515 |       |       |       |       |       | 4,804                     | 6,529 | 7,334 | 7,706 | 7,787 |       |       |       |       |       |
| 2016                  | 8,696           | 12,141 | 14,009 | 14,565 |        |        |        |        |        |        | 2,640    | 2,577 | 2,543 | 2,542 |       |       |       |       |       |       | 4,935                     | 6,706 | 7,453 | 7,623 |       |       |       |       |       |       |
| 2017                  | 8,932           | 12,566 | 13,867 |        |        |        |        |        |        |        | 2,680    | 2,615 | 2,569 |       |       |       |       |       |       |       | 5,117                     | 6,943 | 7,401 |       |       |       |       |       |       |       |
| 2018                  | 9,298           | 12,304 |        |        |        |        |        |        |        |        | 2,617    | 2,601 |       |       |       |       |       |       |       |       | 5,305                     | 6,891 |       |       |       |       |       |       |       |       |
| 2019                  | 9,120           |        |        |        |        |        |        |        |        |        | 2,710    |       |       |       |       |       |       |       |       |       | 5,248                     |       |       |       |       |       |       |       |       |       |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for temporary-only claims, excluding COVID-19 claims.

Average Paid Permanent Partial Disability Claim Severity

| PY/RL                 | Nontrivial ALAE |        |        |        |        |        |        |        |        |        | Low ALAE |        |        |        |        |        |        |        |        |        | All Permanent Partial Disability Claims |        |        |        |        |        |        |        |        |        |
|-----------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 1               | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1                                       | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| <b>Paid ALAE</b>      |                 |        |        |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2010.07               | 5,684           | 8,707  | 11,502 | 13,646 | 15,332 | 16,502 | 17,288 | 17,825 | 18,207 | 18,445 | 437      | 471    | 460    | 450    | 449    | 448    | 447    | 446    | 444    | 445    | 3,857                                   | 6,987  | 9,748  | 11,728 | 13,414 | 14,491 | 15,220 | 15,736 | 16,064 | 16,275 |
| 2011                  | 5,539           | 8,555  | 11,386 | 13,608 | 15,328 | 16,447 | 17,167 | 17,545 | 17,913 | 442    | 466      | 449    | 441    | 438    | 435    | 435    | 434    | 433    | 3,683  | 6,916  | 9,663                                   | 11,801 | 13,408 | 14,471 | 15,132 | 15,464 | 15,802 |        |        |        |
| 2012                  | 5,456           | 8,524  | 11,249 | 13,326 | 14,781 | 15,738 | 16,339 | 16,771 | 438    | 453    | 439      | 431    | 427    | 426    | 425    | 425    | 423    | 3,634  | 6,893  | 9,644  | 11,629                                  | 12,999 | 13,892 | 14,434 | 14,822 |        |        |        |        |        |
| 2013                  | 5,546           | 8,649  | 11,328 | 13,376 | 14,628 | 15,466 | 16,063 | 442    | 452    | 430    | 425      | 422    | 419    | 419    | 3,765  | 7,204  | 9,853  | 11,799 | 12,969 | 13,722 | 14,262                                  |        |        |        |        |        |        |        |        |        |
| 2014                  | 5,690           | 8,657  | 11,343 | 13,197 | 14,333 | 15,168 | 447    | 449    | 437    | 433    | 427      | 425    | 4,014  | 7,275  | 9,956  | 11,698 | 12,757 | 13,518 |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2015                  | 5,520           | 8,770  | 11,312 | 12,982 | 14,071 | 450    | 460    | 441    | 438    | 435    | 3,945    | 7,438  | 9,952  | 11,506 | 12,517 |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2016                  | 5,801           | 8,735  | 11,152 | 12,775 | 432    | 446    | 433    | 428    | 4,142  | 7,364  | 9,716    | 11,233 |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2017                  | 6,037           | 9,257  | 11,758 | 449    | 450    | 440    | 4,461  | 7,910  | 10,342 |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2018                  | 6,131           | 9,299  | 452    | 456    | 4,525  | 7,919  |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2019                  | 6,069           | 446    | 4,462  |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| <b>Paid Indemnity</b> |                 |        |        |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2010.07               | 11,400          | 20,438 | 27,231 | 31,360 | 34,472 | 36,290 | 37,769 | 38,665 | 39,327 | 39,707 | 6,510    | 8,791  | 9,226  | 9,447  | 9,317  | 9,359  | 9,364  | 9,364  | 9,423  | 9,449  | 9,610                                   | 18,013 | 24,385 | 28,245 | 31,266 | 32,952 | 34,321 | 35,188 | 35,771 | 36,114 |
| 2011                  | 11,957          | 20,722 | 27,208 | 31,396 | 34,109 | 35,765 | 37,076 | 37,973 | 38,531 | 6,766  | 8,873    | 9,132  | 9,047  | 9,173  | 9,324  | 9,337  | 9,439  | 9,519  | 9,969  | 18,286 | 24,376                                  | 28,381 | 30,953 | 32,560 | 33,771 | 34,578 | 35,103 |        |        |        |
| 2012                  | 11,365          | 20,225 | 26,310 | 30,269 | 32,688 | 34,280 | 35,367 | 36,034 | 6,453  | 8,247  | 8,593    | 8,963  | 9,040  | 9,185  | 9,288  | 9,322  | 9,450  | 17,739 | 23,648 | 27,455 | 29,750                                  | 31,256 | 32,256 | 32,869 |        |        |        |        |        |        |
| 2013                  | 11,900          | 20,663 | 26,927 | 30,742 | 33,149 | 34,597 | 35,495 | 6,133  | 7,936  | 8,485  | 8,790    | 9,076  | 9,239  | 9,352  | 9,755  | 18,356 | 24,423 | 28,066 | 30,348 | 31,682 | 32,526                                  |        |        |        |        |        |        |        |        |        |
| 2014                  | 11,908          | 21,065 | 27,459 | 31,488 | 33,813 | 35,156 | 6,098  | 7,922  | 8,682  | 9,253  | 9,641    | 9,775  | 9,945  | 18,822 | 25,063 | 28,893 | 31,101 | 32,372 |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2015                  | 12,577          | 21,887 | 28,319 | 31,905 | 34,008 | 6,482  | 8,134  | 9,002  | 9,377  | 9,736  | 10,592   | 19,640 | 25,894 | 29,273 | 31,280 |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2016                  | 12,910          | 21,431 | 27,471 | 30,759 | 5,820  | 7,524  | 8,423  | 8,790  | 10,630 | 19,086 | 24,905   | 28,040 |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2017                  | 13,390          | 22,793 | 29,131 | 6,356  | 8,061  | 8,930  | 11,311 | 20,506 | 26,594 |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2018                  | 13,906          | 23,025 | 6,370  | 8,250  | 11,675 | 20,678 |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2019                  | 14,339          | 6,692  | 12,028 |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| <b>Paid Medical</b>   |                 |        |        |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2010.07               | 14,623          | 23,502 | 31,657 | 37,216 | 41,803 | 44,436 | 46,318 | 47,681 | 48,703 | 49,180 | 7,197    | 9,081  | 9,670  | 9,530  | 9,313  | 9,307  | 9,368  | 9,385  | 9,382  | 9,400  | 11,986                                  | 20,526 | 28,162 | 33,285 | 37,612 | 40,063 | 41,811 | 43,112 | 43,996 | 44,421 |
| 2011                  | 14,835          | 23,239 | 30,726 | 36,307 | 40,131 | 42,617 | 44,498 | 45,941 | 46,844 | 7,198  | 9,133    | 9,405  | 9,443  | 9,405  | 9,356  | 9,353  | 9,366  | 9,405  | 11,962 | 20,349 | 27,354                                  | 32,598 | 36,158 | 38,506 | 40,229 | 41,503 | 42,341 |        |        |        |
| 2012                  | 14,518          | 22,033 | 28,496 | 33,255 | 36,440 | 38,446 | 40,119 | 41,056 | 6,685  | 8,312  | 8,526    | 8,784  | 8,804  | 8,942  | 8,995  | 9,027  | 11,536 | 19,178 | 25,465 | 29,985 | 32,962                                  | 34,846 | 36,356 | 37,211 |        |        |        |        |        |        |
| 2013                  | 13,550          | 20,887 | 27,067 | 31,121 | 33,625 | 35,544 | 36,765 | 6,327  | 7,659  | 7,920  | 7,945    | 8,123  | 8,274  | 8,304  | 10,890 | 18,478 | 24,440 | 28,273 | 30,630 | 32,372 | 33,503                                  |        |        |        |        |        |        |        |        |        |
| 2014                  | 13,225          | 20,076 | 25,824 | 29,574 | 31,995 | 33,619 | 6,136  | 7,282  | 7,552  | 7,929  | 8,251    | 8,326  | 10,852 | 17,861 | 23,462 | 27,006 | 29,282 | 30,786 |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2015                  | 13,186          | 20,015 | 25,240 | 28,980 | 31,166 | 6,135  | 7,458  | 7,955  | 8,221  | 8,442  | 10,903   | 17,939 | 23,043 | 26,515 | 28,569 |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2016                  | 13,650          | 19,382 | 24,356 | 27,549 | 5,843  | 7,037  | 7,355  | 7,614  | 11,136 | 17,278 | 22,047   | 25,057 |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2017                  | 14,146          | 20,934 | 26,088 | 6,211  | 7,538  | 7,939  | 11,827 | 18,823 | 23,779 |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2018                  | 14,160          | 20,944 | 6,020  | 7,085  | 11,749 | 18,717 |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |
| 2019                  | 13,642          | 5,647  | 11,249 |        |        |        |        |        |        |        |          |        |        |        |        |        |        |        |        |        |                                         |        |        |        |        |        |        |        |        |        |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for permanent partial disability claims only, excluding COVID-19 claims.

Average Permanent Disability Rating on Permanent Partial Disability Claims

| PY/RL                                    | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |      |      |      |      |      |      |      |      |      |
|------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|------|------|
|                                          | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Average PDR                              |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2010.07                                  | 14.4            | 16.0  | 16.0  | 16.7  | 17.0  | 17.5  | 17.7  | 17.6  | 17.8  | 17.9  | 9.8      | 9.4   | 9.1   | 9.1   | 8.6   | 8.8   | 8.7   | 8.6   | 8.6   | 8.6   | 12.5    | 15.6 | 11.6 | 11.9 | 11.9 | 12.3 | 12.6 | 12.5 | 12.3 | 12.5 |
| 2011                                     | 14.1            | 15.3  | 15.7  | 16.4  | 17.0  | 17.2  | 17.3  | 17.4  | 17.5  |       | 9.8      | 9.7   | 9.3   | 8.9   | 8.8   | 8.7   | 8.7   | 8.7   | 8.7   | 8.7   | 11.3    | 11.1 | 11.5 | 11.0 | 11.0 | 11.2 | 11.2 | 11.1 | 11.2 |      |
| 2012                                     | 12.5            | 13.7  | 14.7  | 15.5  | 15.8  | 16.1  | 16.2  | 16.3  |       |       | 9.5      | 9.3   | 8.6   | 8.5   | 8.5   | 8.5   | 8.4   | 8.4   |       |       | 9.3     | 9.3  | 9.5  | 9.7  | 9.9  | 9.9  | 10.0 | 10.2 |      |      |
| 2013                                     | 11.8            | 13.2  | 14.3  | 14.9  | 15.2  | 15.4  | 15.5  |       |       |       | 9.3      | 8.6   | 8.2   | 8.3   | 8.2   | 8.2   | 8.2   |       |       |       | 8.2     | 8.2  | 8.2  | 8.3  | 9.0  | 9.6  | 9.9  |      |      |      |
| 2014                                     | 11.3            | 12.7  | 13.7  | 14.2  | 14.7  | 14.9  |       |       |       |       | 8.6      | 8.2   | 7.9   | 7.9   | 8.0   | 8.0   |       |       |       |       | 7.5     | 8.0  | 8.4  | 9.0  | 9.5  | 10.2 |      |      |      |      |
| 2015                                     | 10.6            | 12.4  | 13.3  | 14.0  | 14.3  |       |       |       |       |       | 8.6      | 8.1   | 7.9   | 7.9   | 8.0   |       |       |       |       |       | 7.0     | 7.8  | 8.6  | 9.2  | 9.4  |      |      |      |      |      |
| 2016                                     | 10.7            | 12.0  | 13.0  | 13.6  |       |       |       |       |       |       | 8.3      | 7.7   | 7.4   | 7.4   |       |       |       |       |       |       | 6.8     | 7.1  | 8.0  | 8.8  |      |      |      |      |      |      |
| 2017                                     | 10.2            | 12.1  | 13.2  |       |       |       |       |       |       |       | 8.0      | 7.8   | 7.7   |       |       |       |       |       |       |       | 6.5     | 7.3  | 8.0  |      |      |      |      |      |      |      |
| 2018                                     | 10.3            | 12.1  |       |       |       |       |       |       |       |       | 7.9      | 7.8   |       |       |       |       |       |       |       |       | 6.8     | 7.5  |      |      |      |      |      |      |      |      |
| 2019                                     | 10.6            |       |       |       |       |       |       |       |       |       | 8.1      |       |       |       |       |       |       |       |       |       | 7.4     |      |      |      |      |      |      |      |      |      |
| Distribution of Permanent Partial Claims |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2010.07                                  | 65.4%           | 79.2% | 84.2% | 85.5% | 87.1% | 87.5% | 87.7% | 88.0% | 88.0% | 88.0% | 32.3%    | 18.4% | 14.2% | 12.8% | 11.5% | 11.2% | 11.0% | 10.8% | 10.8% | 10.8% | 2.3%    | 2.3% | 1.6% | 1.7% | 1.3% | 1.3% | 1.2% | 1.2% | 1.2% | 1.3% |
| 2011                                     | 63.8%           | 79.8% | 84.3% | 86.3% | 87.1% | 87.7% | 87.9% | 87.9% | 88.0% |       | 33.3%    | 18.3% | 14.1% | 12.3% | 11.5% | 11.1% | 10.9% | 10.9% | 10.8% |       | 2.9%    | 1.9% | 1.6% | 1.4% | 1.4% | 1.2% | 1.2% | 1.2% | 1.2% |      |
| 2012                                     | 64.0%           | 79.9% | 85.2% | 86.9% | 87.6% | 88.0% | 88.1% | 88.1% |       |       | 32.7%    | 18.0% | 13.3% | 11.8% | 11.1% | 10.8% | 10.7% | 10.7% |       |       | 3.3%    | 2.1% | 1.5% | 1.3% | 1.3% | 1.2% | 1.2% | 1.2% |      |      |
| 2013                                     | 65.4%           | 82.5% | 86.5% | 87.9% | 88.4% | 88.4% | 88.5% |       |       |       | 31.4%    | 15.8% | 11.9% | 10.7% | 10.3% | 10.1% | 10.0% |       |       |       | 3.3%    | 1.7% | 1.5% | 1.4% | 1.4% | 1.4% | 1.4% |      |      |      |
| 2014                                     | 68.3%           | 83.3% | 87.3% | 88.3% | 88.7% | 88.8% |       |       |       |       | 28.8%    | 14.9% | 11.1% | 10.2% | 9.9%  | 9.7%  |       |       |       |       | 2.9%    | 1.9% | 1.6% | 1.5% | 1.4% | 1.4% |      |      |      |      |
| 2015                                     | 69.2%           | 84.1% | 87.6% | 88.3% | 88.7% |       |       |       |       |       | 27.6%    | 13.8% | 10.6% | 10.0% | 9.6%  |       |       |       |       |       | 3.2%    | 2.1% | 1.8% | 1.7% | 1.7% |      |      |      |      |      |
| 2016                                     | 69.3%           | 83.6% | 86.7% | 87.6% |       |       |       |       |       |       | 27.9%    | 14.5% | 11.6% | 10.8% |       |       |       |       |       |       | 2.8%    | 1.9% | 1.7% | 1.7% |      |      |      |      |      |      |
| 2017                                     | 72.0%           | 84.8% | 87.5% |       |       |       |       |       |       |       | 25.4%    | 13.4% | 10.9% |       |       |       |       |       |       |       | 2.6%    | 1.8% | 1.6% |      |      |      |      |      |      |      |
| 2018                                     | 71.9%           | 84.5% |       |       |       |       |       |       |       |       | 25.5%    | 13.7% |       |       |       |       |       |       |       |       | 2.6%    | 1.8% |      |      |      |      |      |      |      |      |
| 2019                                     | 71.7%           |       |       |       |       |       |       |       |       |       | 25.4%    |       |       |       |       |       |       |       |       |       | 2.9%    |      |      |      |      |      |      |      |      |      |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for permanent partial disability claims only, excluding COVID-19 claims.

Indemnity Claim Counts Distribution within Each Region

| PY/RL                          | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |      |      |      |      |      |      |      |      |      |
|--------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|------|------|
|                                | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| <b>Bay Area</b>                |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2010.07                        | 39.3%           | 50.1% | 54.2% | 55.9% | 56.8% | 57.1% | 57.5% | 57.7% | 57.7% | 57.7% | 57.6%    | 46.4% | 42.9% | 41.5% | 40.8% | 40.5% | 40.2% | 40.0% | 40.0% | 39.9% | 3.1%    | 3.5% | 2.9% | 2.6% | 2.4% | 2.4% | 2.3% | 2.3% | 2.3% | 2.3% |
| 2011                           | 40.4%           | 52.5% | 56.1% | 57.5% | 58.2% | 58.6% | 58.8% | 58.9% | 59.1% | 55.7% | 44.5%    | 41.3% | 40.1% | 39.5% | 39.1% | 38.9% | 38.8% | 38.7% | 3.8%  | 3.0%  | 2.6%    | 2.5% | 2.3% | 2.3% | 2.3% | 2.2% | 2.2% |      |      |      |
| 2012                           | 41.2%           | 53.1% | 56.9% | 58.0% | 58.8% | 59.0% | 59.1% | 59.2% | 54.7% | 43.6% | 40.3%    | 39.3% | 38.6% | 38.4% | 38.3% | 38.2% | 4.1%  | 3.3%  | 2.8%  | 2.7%  | 2.6%    | 2.5% | 2.6% | 2.6% |      |      |      |      |      |      |
| 2013                           | 40.5%           | 52.6% | 55.8% | 56.8% | 57.4% | 57.6% | 57.7% | 54.9% | 43.7% | 41.2% | 40.4%    | 39.8% | 39.6% | 39.5% | 4.6%  | 3.7%  | 3.0%  | 2.9%  | 2.8%  | 2.8%  |         |      |      |      |      |      |      |      |      |      |
| 2014                           | 42.4%           | 53.3% | 56.5% | 57.6% | 57.8% | 58.0% | 54.5% | 44.2% | 41.4% | 40.3% | 40.1%    | 39.9% | 3.1%  | 2.5%  | 2.1%  | 2.1%  | 2.1%  | 2.1%  |       |       |         |      |      |      |      |      |      |      |      |      |
| 2015                           | 43.6%           | 54.9% | 57.6% | 58.3% | 58.6% | 53.5% | 42.8% | 40.3% | 39.6% | 39.3% | 3.0%     | 2.3%  | 2.1%  | 2.1%  | 2.1%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2016                           | 44.2%           | 54.7% | 57.3% | 57.9% | 53.0% | 43.2% | 40.9% | 40.3% | 2.7%  | 2.1%  | 1.9%     | 1.8%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2017                           | 45.2%           | 55.0% | 57.0% | 52.0% | 42.6% | 40.7% | 2.9%  | 2.4%  | 2.2%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2018                           | 44.6%           | 53.8% | 52.9% | 44.1% | 2.5%  | 2.1%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2019                           | 44.1%           | 52.5% | 3.4%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| <b>Los Angeles Basin</b>       |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2010.07                        | 47.3%           | 59.9% | 63.3% | 64.6% | 66.2% | 66.7% | 67.0% | 67.2% | 67.2% | 67.3% | 48.3%    | 36.6% | 33.6% | 32.6% | 31.5% | 31.1% | 30.9% | 30.7% | 30.7% | 30.6% | 4.3%    | 3.6% | 3.0% | 2.8% | 2.3% | 2.2% | 2.1% | 2.1% | 2.1% | 2.1% |
| 2011                           | 47.0%           | 59.4% | 62.8% | 65.0% | 66.0% | 66.5% | 66.7% | 66.9% | 66.9% | 48.5% | 37.4%    | 34.4% | 32.7% | 31.8% | 31.4% | 31.2% | 31.2% | 31.1% | 4.5%  | 3.2%  | 2.8%    | 2.3% | 2.3% | 2.1% | 2.0% | 2.0% | 2.0% |      |      |      |
| 2012                           | 47.8%           | 60.6% | 64.8% | 66.4% | 67.0% | 67.5% | 67.7% | 67.7% | 47.1% | 36.0% | 32.6%    | 31.3% | 30.7% | 30.3% | 30.2% | 30.1% | 5.1%  | 3.4%  | 2.6%  | 2.3%  | 2.3%    | 2.2% | 2.2% | 2.2% |      |      |      |      |      |      |
| 2013                           | 49.3%           | 62.8% | 66.2% | 67.5% | 68.2% | 68.4% | 68.5% | 45.6% | 34.1% | 31.1% | 30.0%    | 29.4% | 29.2% | 29.1% | 5.1%  | 3.1%  | 2.7%  | 2.5%  | 2.4%  | 2.4%  |         |      |      |      |      |      |      |      |      |      |
| 2014                           | 51.8%           | 63.8% | 66.9% | 68.0% | 68.5% | 68.6% | 43.9% | 33.3% | 30.5% | 29.5% | 29.2%    | 29.0% | 4.3%  | 2.9%  | 2.6%  | 2.4%  | 2.4%  | 2.4%  |       |       |         |      |      |      |      |      |      |      |      |      |
| 2015                           | 53.1%           | 64.3% | 67.3% | 68.1% | 68.5% | 42.6% | 32.5% | 30.0% | 29.3% | 28.9% | 4.2%     | 3.2%  | 2.8%  | 2.6%  | 2.6%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2016                           | 53.3%           | 64.5% | 67.3% | 68.1% | 42.5% | 32.5% | 30.1% | 29.3% | 4.2%  | 3.0%  | 2.6%     | 2.6%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2017                           | 53.8%           | 63.6% | 65.7% | 42.4% | 33.7% | 31.8% | 3.7%  | 2.7%  | 2.5%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2018                           | 54.2%           | 63.6% | 42.2% | 33.6% | 3.5%  | 2.8%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2019                           | 53.8%           | 41.5% | 4.7%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| <b>Remainder of California</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2010.07                        | 39.7%           | 51.1% | 55.0% | 56.5% | 57.4% | 57.7% | 57.9% | 58.1% | 58.2% | 58.2% | 57.2%    | 46.1% | 42.5% | 41.1% | 40.4% | 40.1% | 39.9% | 39.7% | 39.7% | 39.6% | 3.1%    | 2.8% | 2.4% | 2.4% | 2.2% | 2.2% | 2.2% | 2.1% | 2.2% | 2.2% |
| 2011                           | 40.3%           | 52.0% | 55.6% | 56.9% | 57.5% | 57.9% | 58.0% | 58.1% | 58.2% | 56.8% | 45.3%    | 41.9% | 40.8% | 40.3% | 40.0% | 39.8% | 39.7% | 39.7% | 3.0%  | 2.7%  | 2.5%    | 2.3% | 2.2% | 2.1% | 2.1% | 2.2% | 2.2% |      |      |      |
| 2012                           | 41.1%           | 53.2% | 56.9% | 58.1% | 58.8% | 59.2% | 59.3% | 59.4% | 55.5% | 44.0% | 40.6%    | 39.5% | 38.9% | 38.6% | 38.5% | 38.5% | 3.4%  | 2.8%  | 2.5%  | 2.3%  | 2.3%    | 2.2% | 2.2% | 2.2% |      |      |      |      |      |      |
| 2013                           | 43.0%           | 54.8% | 58.1% | 59.2% | 59.7% | 59.8% | 59.9% | 53.4% | 42.5% | 39.4% | 38.4%    | 37.9% | 37.8% | 37.7% | 3.5%  | 2.7%  | 2.5%  | 2.4%  | 2.4%  | 2.4%  |         |      |      |      |      |      |      |      |      |      |
| 2014                           | 42.8%           | 54.4% | 57.1% | 58.0% | 58.5% | 58.7% | 53.8% | 43.0% | 40.5% | 39.7% | 39.2%    | 39.1% | 3.4%  | 2.6%  | 2.4%  | 2.3%  | 2.3%  | 2.3%  |       |       |         |      |      |      |      |      |      |      |      |      |
| 2015                           | 42.8%           | 54.5% | 57.2% | 58.0% | 58.3% | 53.9% | 42.8% | 40.4% | 39.7% | 39.4% | 3.3%     | 2.6%  | 2.4%  | 2.4%  | 2.3%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2016                           | 43.6%           | 54.7% | 57.2% | 57.9% | 53.5% | 43.1% | 40.8% | 40.0% | 2.9%  | 2.2%  | 2.1%     | 2.1%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2017                           | 44.1%           | 54.4% | 56.7% | 53.2% | 43.4% | 41.3% | 2.7%  | 2.2%  | 2.0%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2018                           | 45.2%           | 55.0% | 52.0% | 42.7% | 2.8%  | 2.3%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |
| 2019                           | 44.4%           | 52.1% | 3.4%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum across the row (i.e. Nontrivial ALAE + Low ALAE + No ALAE = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Region is based on the address reported on the workers' compensation policy.

Indemnity Claim Counts Distribution - By Region

| PY/RL                          | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |       |       |       |       |       |       |       |       |
|--------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
| <b>Bay Area</b>                |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                        | 15.6%           | 15.5% | 15.6% | 15.6% | 15.5% | 15.5% | 15.6% | 15.6% | 15.5% | 15.6% | 18.6%    | 19.0% | 19.0% | 18.9% | 19.0% | 19.0% | 19.0% | 19.0% | 19.0% | 19.0% | 14.5%   | 18.1% | 17.4% | 16.7% | 17.4% | 17.7% | 18.0% | 18.4% | 18.1% | 18.4% |
| 2011                           | 15.3%           | 15.2% | 15.3% | 15.2% | 15.2% | 15.2% | 15.2% | 15.2% | 15.2% | 15.2% | 17.5%    | 17.4% | 17.5% | 17.6% | 17.7% | 17.7% | 17.7% | 17.7% | 17.7% | 16.4% | 16.3%   | 15.5% | 17.2% | 16.9% | 17.4% | 17.4% | 17.2% | 17.1% |       |       |
| 2012                           | 15.8%           | 15.7% | 15.7% | 15.6% | 15.6% | 15.6% | 15.6% | 15.6% | 15.6% |       | 18.2%    | 18.4% | 18.5% | 18.6% | 18.6% | 18.6% | 18.6% | 18.6% |       | 16.0% | 17.2%   | 17.9% | 18.6% | 18.5% | 18.8% | 19.1% | 19.2% |       |       |       |
| 2013                           | 14.2%           | 14.3% | 14.2% | 14.2% | 14.2% | 14.2% | 14.2% | 14.2% | 14.2% |       | 17.8%    | 18.1% | 18.4% | 18.6% | 18.6% | 18.6% | 18.6% | 18.6% |       | 16.5% | 18.9%   | 17.9% | 17.7% | 18.0% | 17.9% | 18.0% |       |       |       |       |
| 2014                           | 14.7%           | 14.6% | 14.6% | 14.7% | 14.6% | 14.6% | 14.6% |       |       |       | 18.5%    | 19.0% | 19.0% | 19.0% | 19.1% | 19.1% |       |       |       | 13.4% | 14.8%   | 13.9% | 14.5% | 14.8% | 14.5% |       |       |       |       |       |
| 2015                           | 16.0%           | 16.0% | 16.0% | 15.9% | 15.9% |       |       |       |       |       | 19.8%    | 20.0% | 20.1% | 20.2% | 20.2% |       |       |       |       | 14.0% | 13.8%   | 14.4% | 15.1% | 15.3% |       |       |       |       |       |       |
| 2016                           | 15.3%           | 15.0% | 15.0% | 14.9% |       |       |       |       |       |       | 18.8%    | 19.0% | 19.1% | 19.1% |       |       |       |       |       | 13.0% | 13.1%   | 13.0% | 13.0% |       |       |       |       |       |       |       |
| 2017                           | 14.2%           | 14.2% | 14.2% |       |       |       |       |       |       |       | 17.2%    | 17.3% | 17.4% |       |       |       |       |       |       | 13.6% | 14.6%   | 14.8% |       |       |       |       |       |       |       |       |
| 2018                           | 15.2%           | 15.1% |       |       |       |       |       |       |       |       | 19.4%    | 19.5% |       |       |       |       |       |       |       | 13.4% | 13.8%   |       |       |       |       |       |       |       |       |       |
| 2019                           | 12.9%           |       |       |       |       |       |       |       |       |       | 16.7%    |       |       |       |       |       |       |       |       | 11.8% |         |       |       |       |       |       |       |       |       |       |
| <b>Los Angeles Basin</b>       |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                        | 52.2%           | 52.3% | 51.8% | 51.7% | 52.1% | 52.1% | 52.1% | 52.2% | 52.2% | 52.2% | 43.5%    | 42.3% | 42.3% | 42.5% | 42.2% | 42.1% | 42.1% | 42.0% | 42.0% | 56.1% | 52.4%   | 52.2% | 51.9% | 49.2% | 47.8% | 46.9% | 47.1% | 47.1% | 46.6% |       |
| 2011                           | 52.7%           | 52.7% | 52.5% | 52.9% | 53.1% | 53.2% | 53.2% | 53.2% | 53.2% |       | 45.1%    | 44.8% | 44.7% | 44.4% | 44.1% | 44.0% | 44.0% | 44.0% |       | 57.0% | 52.9%   | 52.6% | 49.7% | 49.9% | 48.2% | 48.0% | 47.0% | 47.4% |       |       |
| 2012                           | 52.8%           | 52.9% | 53.1% | 53.2% | 53.3% | 53.3% | 53.3% | 53.3% |       |       | 45.1%    | 44.7% | 44.5% | 44.1% | 44.1% | 44.0% | 44.0% | 44.0% |       | 57.4% | 53.6%   | 50.1% | 48.8% | 48.9% | 48.8% | 48.6% | 48.5% |       |       |       |
| 2013                           | 55.1%           | 55.5% | 55.5% | 55.6% | 55.6% | 55.6% | 55.6% | 55.6% |       |       | 47.0%    | 46.0% | 45.6% | 45.4% | 45.2% | 45.2% | 45.2% |       |       | 57.7% | 52.6%   | 52.2% | 51.9% | 51.2% | 50.9% | 50.7% |       |       |       |       |
| 2014                           | 58.9%           | 58.9% | 59.0% | 59.1% | 59.1% | 59.1% |       |       |       |       | 48.9%    | 48.1% | 47.8% | 47.6% | 47.5% | 47.5% |       |       |       | 60.8% | 57.9%   | 58.2% | 57.3% | 56.6% | 57.2% |       |       |       |       |       |
| 2015                           | 57.8%           | 57.4% | 57.5% | 57.6% | 57.6% |       |       |       |       |       | 46.9%    | 46.5% | 46.1% | 46.0% | 46.0% |       |       |       |       | 59.7% | 59.4%   | 58.1% | 56.9% | 56.8% |       |       |       |       |       |       |
| 2016                           | 57.2%           | 57.6% | 57.7% | 57.8% |       |       |       |       |       |       | 46.8%    | 46.4% | 46.1% | 46.0% |       |       |       |       |       | 62.2% | 62.0%   | 60.3% | 60.1% |       |       |       |       |       |       |       |
| 2017                           | 59.5%           | 59.0% | 59.0% |       |       |       |       |       |       |       | 49.4%    | 49.2% | 49.0% |       |       |       |       |       |       | 62.3% | 59.8%   | 59.7% |       |       |       |       |       |       |       |       |
| 2018                           | 60.5%           | 60.4% |       |       |       |       |       |       |       |       | 50.6%    | 50.5% |       |       |       |       |       |       |       | 62.5% | 62.2%   |       |       |       |       |       |       |       |       |       |
| 2019                           | 63.0%           |       |       |       |       |       |       |       |       |       | 52.7%    |       |       |       |       |       |       |       |       | 66.0% |         |       |       |       |       |       |       |       |       |       |
| <b>Remainder of California</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                        | 32.2%           | 32.3% | 32.6% | 32.7% | 32.4% | 32.4% | 32.3% | 32.3% | 32.3% | 32.3% | 37.9%    | 38.7% | 38.7% | 38.6% | 38.9% | 38.9% | 38.9% | 38.9% | 38.9% | 29.4% | 29.5%   | 30.4% | 31.4% | 33.3% | 34.5% | 35.1% | 34.5% | 34.7% | 35.0% |       |
| 2011                           | 32.1%           | 32.1% | 32.1% | 31.9% | 31.7% | 31.7% | 31.6% | 31.6% | 31.6% |       | 37.5%    | 37.8% | 37.7% | 38.0% | 38.2% | 38.3% | 38.3% | 38.3% |       | 26.6% | 30.9%   | 31.8% | 33.1% | 33.2% | 34.4% | 34.6% | 35.9% | 35.5% |       |       |
| 2012                           | 31.4%           | 31.4% | 31.2% | 31.2% | 31.1% | 31.1% | 31.1% | 31.1% | 31.1% |       | 36.7%    | 36.9% | 37.1% | 37.3% | 37.3% | 37.4% | 37.4% | 37.4% |       | 26.6% | 29.2%   | 32.0% | 32.6% | 32.5% | 32.5% | 32.3% | 32.3% |       |       |       |
| 2013                           | 30.7%           | 30.2% | 30.3% | 30.3% | 30.2% | 30.2% | 30.2% | 30.2% |       |       | 35.1%    | 35.9% | 36.0% | 36.1% | 36.2% | 36.2% | 36.3% |       |       | 25.8% | 28.5%   | 29.9% | 30.3% | 30.8% | 31.2% | 31.2% |       |       |       |       |
| 2014                           | 26.4%           | 26.5% | 26.4% | 26.3% | 26.3% | 26.3% |       |       |       |       | 32.6%    | 32.8% | 33.2% | 33.4% | 33.4% | 33.4% |       |       |       | 25.8% | 27.3%   | 27.9% | 28.3% | 28.7% | 28.3% |       |       |       |       |       |
| 2015                           | 26.2%           | 26.6% | 26.5% | 26.5% | 26.5% |       |       |       |       |       | 33.3%    | 33.5% | 33.8% | 33.8% | 33.8% |       |       |       |       | 26.3% | 26.8%   | 27.6% | 28.1% | 27.9% |       |       |       |       |       |       |
| 2016                           | 27.5%           | 27.4% | 27.4% | 27.3% |       |       |       |       |       |       | 34.5%    | 34.6% | 34.9% | 34.9% |       |       |       |       |       | 24.8% | 24.9%   | 26.7% | 26.9% |       |       |       |       |       |       |       |
| 2017                           | 26.3%           | 26.8% | 26.8% |       |       |       |       |       |       |       | 33.5%    | 33.6% | 33.6% |       |       |       |       |       |       | 24.1% | 25.6%   | 25.5% |       |       |       |       |       |       |       |       |
| 2018                           | 24.3%           | 24.4% |       |       |       |       |       |       |       |       | 30.1%    | 30.0% |       |       |       |       |       |       |       | 24.1% | 24.0%   |       |       |       |       |       |       |       |       |       |
| 2019                           | 24.0%           |       |       |       |       |       |       |       |       |       | 30.6%    |       |       |       |       |       |       |       |       | 22.2% |         |       |       |       |       |       |       |       |       |       |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum down the column (i.e. Bay Area + Los Angeles Basin + Remainder of California = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Region is based on the address reported on the workers' compensation policy.

Average Paid ALAE per Indemnity Claim By Region

| PY/RL                          | Nontrivial ALAE |       |        |        |        |        |        |        |        |        | Low ALAE |       |       |       |       |       |       |       |       |       | All Indemnity Claims |       |        |        |        |        |        |        |        |        |  |  |
|--------------------------------|-----------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
|                                | 1               | 2     | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1                    | 2     | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |  |  |
| <b>Bay Area</b>                |                 |       |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2010.07                        | 5,099           | 7,553 | 9,756  | 11,433 | 12,817 | 13,781 | 14,363 | 14,827 | 15,195 | 15,410 | 283      | 285   | 274   | 268   | 265   | 265   | 265   | 264   | 264   | 264   | 2,167                | 3,914 | 5,407  | 6,502  | 7,393  | 7,979  | 8,361  | 8,655  | 8,873  | 9,002  |  |  |
| 2011                           | 4,937           | 7,489 | 9,831  | 11,754 | 13,168 | 14,090 | 14,718 | 15,162 | 15,454 | 300    | 283      | 270   | 266   | 262   | 262   | 262   | 262   | 262   | 262   | 2,162 | 4,058                | 5,630 | 6,862  | 7,766  | 8,362  | 8,761  | 9,037  | 9,229  |        |        |  |  |
| 2012                           | 4,855           | 7,746 | 10,147 | 12,055 | 13,278 | 14,124 | 14,649 | 14,996 | 296    | 280    | 269      | 266   | 264   | 264   | 263   | 263   | 2,163 | 4,235 | 5,885 | 7,102 | 7,905                | 8,438 | 8,765  | 8,985  |        |        |        |        |        |        |  |  |
| 2013                           | 4,964           | 7,889 | 10,296 | 11,979 | 13,070 | 13,771 | 14,242 | 294    | 273    | 261    | 257      | 256   | 256   | 255   | 2,170 | 4,268 | 5,848 | 6,905 | 7,602 | 8,035 | 8,316                |       |        |        |        |        |        |        |        |        |  |  |
| 2014                           | 5,257           | 8,101 | 10,450 | 12,004 | 12,931 | 13,623 | 291    | 272    | 259    | 254    | 254      | 253   | 2,385 | 4,439 | 6,010 | 7,015 | 7,579 | 8,005 |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2015                           | 5,043           | 7,975 | 10,143 | 11,535 | 12,459 | 290    | 268    | 259    | 256    | 255    | 2,353    | 4,492 | 5,945 | 6,822 | 7,396 |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2016                           | 5,483           | 8,529 | 10,843 | 12,373 | 283    | 259    | 248    | 248    | 2,576  | 4,780  | 6,310    | 7,266 |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2017                           | 5,699           | 8,734 | 10,899 | 282    | 264    | 254    | 2,721  | 4,919  | 6,320  |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2018                           | 5,406           | 8,201 | 307    | 289    | 2,574  | 4,540  |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2019                           | 5,431           | 294   | 2,550  |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| <b>Los Angeles Basin</b>       |                 |       |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2010.07                        | 5,441           | 8,416 | 11,078 | 12,964 | 14,449 | 15,479 | 16,139 | 16,650 | 16,970 | 17,212 | 296      | 286   | 277   | 273   | 269   | 268   | 269   | 268   | 268   | 268   | 2,719                | 5,143 | 7,110  | 8,460  | 9,648  | 10,401 | 10,890 | 11,273 | 11,494 | 11,663 |  |  |
| 2011                           | 5,285           | 8,245 | 10,793 | 12,751 | 14,192 | 15,168 | 15,812 | 16,245 | 16,551 | 303    | 289      | 278   | 272   | 269   | 268   | 267   | 267   | 266   | 2,630 | 5,006 | 6,873                | 8,372 | 9,447  | 10,175 | 10,637 | 10,943 | 11,156 |        |        |        |  |  |
| 2012                           | 5,154           | 8,145 | 10,585 | 12,477 | 13,658 | 14,452 | 14,969 | 15,313 | 310    | 292    | 280      | 275   | 273   | 272   | 272   | 271   | 2,610 | 5,041 | 6,948 | 8,370 | 9,240                | 9,836 | 10,211 | 10,453 |        |        |        |        |        |        |  |  |
| 2013                           | 5,242           | 8,128 | 10,547 | 12,240 | 13,345 | 14,060 | 14,520 | 319    | 298    | 284    | 281      | 280   | 280   | 279   | 2,731 | 5,203 | 7,072 | 8,345 | 9,178 | 9,695 | 10,024               |       |        |        |        |        |        |        |        |        |  |  |
| 2014                           | 5,443           | 8,323 | 10,614 | 12,173 | 13,131 | 13,723 | 310    | 285    | 275    | 273    | 271      | 270   | 2,957 | 5,408 | 7,185 | 8,361 | 9,072 | 9,497 |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2015                           | 5,488           | 8,456 | 10,657 | 12,099 | 12,912 | 304    | 286    | 275    | 272    | 271    | 3,046    | 5,531 | 7,251 | 8,325 | 8,922 |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2016                           | 5,532           | 8,201 | 10,148 | 11,329 | 306    | 292    | 282    | 280    | 3,078  | 5,387  | 6,913    | 7,798 |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2017                           | 5,724           | 8,671 | 10,655 | 309    | 289    | 283    | 3,213  | 5,609  | 7,092  |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2018                           | 5,888           | 8,711 | 315    | 297    | 3,326  | 5,639  |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2019                           | 5,846           | 308   | 3,273  |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| <b>Remainder of California</b> |                 |       |        |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2010.07                        | 5,075           | 7,657 | 9,938  | 11,724 | 13,057 | 14,023 | 14,604 | 15,005 | 15,277 | 15,482 | 280      | 272   | 261   | 256   | 252   | 251   | 249   | 249   | 249   | 249   | 2,173                | 4,037 | 5,581  | 6,734  | 7,592  | 8,189  | 8,555  | 8,822  | 8,988  | 9,107  |  |  |
| 2011                           | 5,029           | 7,596 | 9,829  | 11,692 | 13,302 | 14,132 | 14,855 | 14,915 | 15,189 | 289    | 277      | 263   | 258   | 256   | 255   | 255   | 255   | 255   | 2,188 | 4,075 | 5,572                | 6,763 | 7,756  | 8,284  | 8,724  | 8,767  | 8,933  |        |        |        |  |  |
| 2012                           | 4,879           | 7,509 | 9,739  | 11,468 | 12,639 | 13,370 | 13,875 | 14,171 | 293    | 279    | 267      | 261   | 259   | 259   | 258   | 258   | 2,169 | 4,120 | 5,650 | 6,769 | 7,532                | 8,011 | 8,323  | 8,512  |        |        |        |        |        |        |  |  |
| 2013                           | 5,226           | 7,701 | 10,000 | 11,607 | 12,613 | 13,295 | 13,716 | 292    | 275    | 259    | 255      | 254   | 254   | 254   | 2,405 | 4,334 | 5,915 | 6,969 | 7,627 | 8,053 | 8,315                |       |        |        |        |        |        |        |        |        |  |  |
| 2014                           | 5,208           | 7,849 | 9,964  | 11,375 | 12,316 | 12,894 | 286    | 265    | 255    | 253    | 251      | 250   | 2,385 | 4,385 | 5,795 | 6,693 | 7,300 | 7,661 |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2015                           | 5,211           | 7,964 | 9,925  | 11,163 | 11,918 | 285    | 262    | 251    | 249    | 249    | 2,385    | 4,454 | 5,775 | 6,571 | 7,044 |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2016                           | 5,515           | 8,978 | 10,971 | 11,531 | 283    | 261    | 252    | 248    | 2,559  | 5,027  | 6,373    | 6,776 |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2017                           | 5,538           | 8,385 | 10,349 | 287    | 266    | 256    | 2,593  | 4,677  | 5,973  |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2018                           | 5,625           | 8,309 | 287    | 272    | 2,690  | 4,683  |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |
| 2019                           | 5,549           | 292   | 2,618  |        |        |        |        |        |        |        |          |       |       |       |       |       |       |       |       |       |                      |       |        |        |        |        |        |        |        |        |  |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Region is based on the address reported on the workers' compensation policy.

Indemnity Claim Count Distribution By Loss Type (Cumulative Trauma/Non-Cumulative Trauma Injury)

| PY/RL                                      | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |       |       |       |       |       |       |       |       |
|--------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                            | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
| <b>Cumulative Trauma Injury Claims</b>     |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                                    | 9.0%            | 10.1% | 12.2% | 12.7% | 13.5% | 13.9% | 14.1% | 14.2% | 14.3% | 14.4% | 4.2%     | 4.1%  | 4.3%  | 4.2%  | 4.2%  | 4.2%  | 4.2%  | 4.1%  | 4.1%  | 4.2%  | 15.4%   | 16.9% | 16.6% | 17.0% | 15.8% | 15.1% | 15.5% | 15.7% | 15.4% | 16.3% |
| 2011                                       | 9.3%            | 11.3% | 12.5% | 13.5% | 14.1% | 14.5% | 14.6% | 14.6% | 14.7% | 4.4%  | 4.4%     | 4.3%  | 4.2%  | 4.2%  | 4.1%  | 4.1%  | 4.1%  | 4.1%  | 14.7% | 16.9% | 17.5%   | 17.5% | 17.5% | 17.1% | 17.1% | 16.4% | 16.8% |       |       |       |
| 2012                                       | 10.4%           | 12.6% | 13.9% | 14.9% | 15.4% | 15.7% | 15.8% | 15.9% | 5.3%  | 5.1%  | 5.0%     | 4.9%  | 4.8%  | 4.7%  | 4.7%  | 4.6%  | 17.4% | 18.7% | 19.0% | 18.2% | 18.1%   | 17.8% | 17.1% | 17.4% |       |       |       |       |       |       |
| 2013                                       | 12.5%           | 14.8% | 15.9% | 16.7% | 16.9% | 17.0% | 17.1% | 5.6%  | 5.6%  | 5.3%  | 5.0%     | 4.9%  | 4.9%  | 4.9%  | 19.4% | 21.2% | 24.1% | 23.9% | 23.7% | 22.7% | 22.5%   |       |       |       |       |       |       |       |       |       |
| 2014                                       | 13.5%           | 15.4% | 16.2% | 16.9% | 17.1% | 17.2% | 5.6%  | 5.6%  | 5.2%  | 5.0%  | 4.9%     | 4.8%  | 23.2% | 29.5% | 30.1% | 27.9% | 27.4% | 27.3% |       |       |         |       |       |       |       |       |       |       |       |       |
| 2015                                       | 14.3%           | 16.0% | 16.9% | 17.2% | 17.5% | 5.8%  | 5.6%  | 5.2%  | 5.0%  | 4.9%  | 29.0%    | 34.3% | 32.8% | 31.8% | 31.7% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2016                                       | 15.4%           | 17.2% | 17.7% | 18.2% | 6.5%  | 6.4%  | 6.0%  | 5.8%  | 32.9% | 34.7% | 33.0%    | 32.6% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2017                                       | 14.1%           | 15.3% | 16.2% | 6.3%  | 5.9%  | 5.5%  | 31.9% | 34.0% | 33.0% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2018                                       | 14.0%           | 16.1% | 6.8%  | 6.6%  | 31.6% | 35.3% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2019                                       | 15.9%           | 7.6%  | 31.2% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| <b>Non-Cumulative Trauma Injury Claims</b> |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                                    | 91.0%           | 89.9% | 87.8% | 87.3% | 86.5% | 86.1% | 85.9% | 85.8% | 85.7% | 85.6% | 95.8%    | 95.9% | 95.7% | 95.8% | 95.8% | 95.8% | 95.8% | 95.9% | 95.9% | 95.8% | 84.6%   | 83.1% | 83.4% | 83.0% | 84.2% | 84.9% | 84.5% | 84.3% | 84.6% | 83.7% |
| 2011                                       | 90.7%           | 88.7% | 87.5% | 86.5% | 85.9% | 85.5% | 85.4% | 85.4% | 85.3% | 95.6% | 95.6%    | 95.7% | 95.8% | 95.8% | 95.9% | 95.9% | 95.9% | 95.9% | 85.3% | 83.1% | 82.5%   | 82.5% | 82.5% | 82.9% | 82.9% | 83.6% | 83.2% |       |       |       |
| 2012                                       | 89.6%           | 87.4% | 86.1% | 85.1% | 84.6% | 84.3% | 84.2% | 84.1% | 94.7% | 94.9% | 95.0%    | 95.1% | 95.2% | 95.3% | 95.3% | 95.4% | 82.6% | 81.3% | 81.0% | 81.8% | 81.9%   | 82.2% | 82.9% | 82.6% |       |       |       |       |       |       |
| 2013                                       | 87.5%           | 85.2% | 84.1% | 83.3% | 83.1% | 83.0% | 82.9% | 94.4% | 94.4% | 94.7% | 95.0%    | 95.1% | 95.1% | 95.1% | 80.6% | 78.8% | 75.9% | 76.1% | 76.3% | 77.3% | 77.5%   |       |       |       |       |       |       |       |       |       |
| 2014                                       | 86.5%           | 84.6% | 83.8% | 83.1% | 82.9% | 82.8% | 94.4% | 94.4% | 94.8% | 95.0% | 95.1%    | 95.2% | 76.8% | 70.5% | 69.9% | 72.1% | 72.6% | 72.7% |       |       |         |       |       |       |       |       |       |       |       |       |
| 2015                                       | 85.7%           | 84.0% | 83.1% | 82.8% | 82.5% | 94.2% | 94.4% | 94.8% | 95.0% | 95.1% | 71.0%    | 65.7% | 67.2% | 68.2% | 68.3% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2016                                       | 84.6%           | 82.8% | 82.3% | 81.8% | 93.5% | 93.6% | 94.0% | 94.2% | 67.1% | 65.3% | 67.0%    | 67.4% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2017                                       | 85.9%           | 84.7% | 83.8% | 93.7% | 94.1% | 94.5% | 68.1% | 66.0% | 67.0% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2018                                       | 86.0%           | 83.9% | 93.2% | 93.4% | 68.4% | 64.7% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2019                                       | 84.1%           | 92.4% | 68.8% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum down the column (i.e. Cumulative Injury Claims + Non-Cumulative Injury Claims = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Cumulative trauma includes occupational disease claims.

Indemnity Claim Counts Distribution within Loss Type (Cumulative Trauma/Non-Cumulative Trauma Injury)

| PY/RL                               | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |      |      |      |      |      |      |      |      |      |  |  |
|-------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|------|------|--|--|
|                                     | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |  |  |
| Cumulative Trauma Injury Claims     |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2010.07                             | 58.0%           | 71.1% | 77.2% | 79.3% | 81.6% | 82.4% | 82.8% | 83.2% | 83.3% | 83.2% | 33.5%    | 21.9% | 17.8% | 16.1% | 14.8% | 14.4% | 14.0% | 13.7% | 13.6% | 13.6% | 8.5%    | 7.0% | 5.0% | 4.6% | 3.6% | 3.2% | 3.2% | 3.2% | 3.1% | 3.2% |  |  |
| 2011                                | 58.1%           | 73.1% | 78.0% | 80.9% | 82.2% | 83.1% | 83.4% | 83.6% | 83.7% | 33.7% | 21.1%    | 17.1% | 15.1% | 14.1% | 13.6% | 13.3% | 13.2% | 13.1% | 8.2%  | 5.8%  | 4.9%    | 4.0% | 3.7% | 3.3% | 3.3% | 3.2% | 3.2% |      |      |      |  |  |
| 2012                                | 57.3%           | 73.1% | 78.4% | 81.1% | 82.4% | 83.1% | 83.5% | 83.6% | 33.3% | 20.8% | 17.0%    | 15.1% | 14.0% | 13.5% | 13.3% | 13.2% | 9.3%  | 6.1%  | 4.5%  | 3.8%  | 3.6%    | 3.3% | 3.2% | 3.2% |      |      |      |      |      |      |  |  |
| 2013                                | 61.0%           | 75.6% | 79.7% | 81.8% | 82.8% | 83.2% | 83.4% | 29.7% | 18.7% | 15.1% | 13.5%    | 12.7% | 12.5% | 12.4% | 9.3%  | 5.7%  | 5.2%  | 4.7%  | 4.5%  | 4.3%  | 4.2%    |      |      |      |      |      |      |      |      |      |  |  |
| 2014                                | 64.1%           | 75.8% | 79.8% | 81.9% | 82.7% | 83.0% | 27.0% | 17.5% | 14.4% | 13.0% | 12.5%    | 12.2% | 8.9%  | 6.7%  | 5.9%  | 5.0%  | 4.8%  | 4.7%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2015                                | 64.2%           | 75.7% | 80.0% | 81.6% | 82.2% | 25.7% | 16.5% | 13.7% | 12.6% | 12.1% | 10.1%    | 7.8%  | 6.4%  | 5.8%  | 5.7%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2016                                | 63.9%           | 75.5% | 79.2% | 80.6% | 26.1% | 17.7% | 15.2% | 14.0% | 10.0% | 6.7%  | 5.6%     | 5.3%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2017                                | 63.7%           | 74.8% | 78.3% | 26.8% | 18.2% | 15.6% | 9.6%  | 7.0%  | 6.0%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2018                                | 62.7%           | 74.0% | 28.3% | 19.1% | 9.0%  | 6.9%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2019                                | 62.3%           | 27.5% | 10.3% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| Non-Cumulative Trauma Injury Claims |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2010.07                             | 42.2%           | 53.8% | 57.0% | 58.3% | 59.3% | 59.5% | 59.8% | 60.0% | 60.0% | 60.0% | 54.4%    | 43.3% | 40.4% | 39.3% | 38.6% | 38.3% | 38.2% | 38.0% | 38.0% | 38.0% | 3.4%    | 3.0% | 2.6% | 2.4% | 2.2% | 2.1% | 2.0% | 2.0% | 2.0% | 2.0% |  |  |
| 2011                                | 42.5%           | 54.1% | 57.3% | 58.8% | 59.4% | 59.8% | 59.9% | 60.0% | 60.1% | 54.0% | 43.2%    | 40.3% | 39.1% | 38.5% | 38.2% | 38.1% | 38.0% | 38.0% | 3.5%  | 2.7%  | 2.4%    | 2.1% | 2.1% | 2.0% | 1.9% | 2.0% | 2.0% |      |      |      |  |  |
| 2012                                | 43.3%           | 55.1% | 58.7% | 59.8% | 60.3% | 60.6% | 60.7% | 60.8% | 52.8% | 42.0% | 39.0%    | 38.0% | 37.5% | 37.3% | 37.2% | 37.1% | 3.9%  | 2.9%  | 2.3%  | 2.2%  | 2.2%    | 2.1% | 2.1% | 2.1% |      |      |      |      |      |      |  |  |
| 2013                                | 44.3%           | 56.4% | 59.4% | 60.4% | 60.9% | 61.0% | 61.1% | 51.7% | 40.9% | 38.3% | 37.4%    | 37.0% | 36.8% | 36.7% | 4.0%  | 2.7%  | 2.3%  | 2.2%  | 2.2%  | 2.2%  | 2.2%    |      |      |      |      |      |      |      |      |      |  |  |
| 2014                                | 45.8%           | 57.1% | 59.9% | 60.7% | 61.0% | 61.1% | 50.9% | 40.7% | 38.1% | 37.4% | 37.0%    | 36.9% | 3.3%  | 2.2%  | 2.0%  | 1.9%  | 1.9%  | 1.9%  |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2015                                | 46.5%           | 57.5% | 60.0% | 60.7% | 60.9% | 50.6% | 40.3% | 38.0% | 37.4% | 37.2% | 3.0%     | 2.2%  | 2.0%  | 1.9%  | 1.9%  |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2016                                | 46.9%           | 57.3% | 59.6% | 60.2% | 50.3% | 40.7% | 38.6% | 38.0% | 2.7%  | 2.0%  | 1.8%     | 1.8%  |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2017                                | 47.9%           | 57.5% | 59.3% | 49.6% | 40.7% | 38.9% | 2.5%  | 1.9%  | 1.8%  |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2018                                | 48.6%           | 57.5% | 49.0% | 40.6% | 2.4%  | 1.9%  |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |
| 2019                                | 48.0%           | 48.7% | 3.3%  |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |      |      |      |      |      |      |      |      |      |  |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Distributions sum across the row (i.e. Nontrivial ALAE + Low ALAE + No ALAE = 100%).

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Cumulative trauma includes occupational disease claims.

Average Paid ALAE By Loss Type (Cumulative Trauma/Non-Cumulative Trauma Injury)

| PY/RL                               | Nontrivial ALAE |       |        |        |        |        |        |        |        |        | Low ALAE |       |       |       |       |       |        |        |        |        | All Indemnity Claims |        |        |        |        |        |        |        |        |        |
|-------------------------------------|-----------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------|-------|-------|-------|-------|--------|--------|--------|--------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                     | 1               | 2     | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 1        | 2     | 3     | 4     | 5     | 6     | 7      | 8      | 9      | 10     | 1                    | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Cumulative Trauma Injury Claims     |                 |       |        |        |        |        |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2010.07                             | 4,962           | 7,537 | 10,013 | 11,818 | 13,195 | 14,244 | 14,908 | 15,345 | 15,728 | 16,008 | 356      | 350   | 372   | 358   | 350   | 347   | 347    | 350    | 351    | 352    | 2,997                | 5,437  | 7,800  | 9,427  | 10,819 | 11,783 | 12,394 | 12,807 | 13,151 | 13,364 |
| 2011                                | 4,836           | 7,562 | 10,000 | 11,835 | 13,882 | 14,869 | 15,494 | 15,201 | 15,537 | 372    | 369      | 354   | 346   | 336   | 338   | 338   | 334    | 332    | 2,937  | 5,606  | 7,860                | 9,627  | 11,459 | 12,401 | 12,975 | 12,754 | 13,050 |        |        |        |
| 2012                                | 4,832           | 7,734 | 9,818  | 11,623 | 12,924 | 13,776 | 14,248 | 14,644 | 361    | 356    | 343      | 347   | 349   | 347   | 349   | 344   | 2,890  | 5,727  | 7,759  | 9,477  | 10,696               | 11,499 | 11,940 | 12,286 |        |        |        |        |        |        |
| 2013                                | 5,206           | 7,853 | 9,836  | 11,444 | 12,531 | 13,254 | 13,873 | 360    | 361    | 340    | 335      | 332   | 332   | 332   | 3,283 | 6,004 | 7,889  | 9,406  | 10,418 | 11,073 | 11,610               |        |        |        |        |        |        |        |        |        |
| 2014                                | 5,351           | 7,622 | 9,681  | 11,182 | 12,107 | 12,780 | 358    | 343    | 331    | 329    | 325      | 324   | 3,528 | 5,840 | 7,771 | 9,206 | 10,055 | 10,653 |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2015                                | 5,336           | 7,857 | 9,822  | 11,190 | 12,034 | 352    | 355    | 346    | 340    | 342    | 3,518    | 6,009 | 7,904 | 9,169 | 9,931 |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2016                                | 5,299           | 7,680 | 9,415  | 10,604 | 334    | 353    | 336    | 338    | 3,473  | 5,863  | 7,505    | 8,597 |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2017                                | 5,724           | 8,323 | 10,153 | 353    | 334    | 331    | 3,739  | 6,285  | 8,005  |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2018                                | 5,519           | 7,956 | 345    | 328    | 3,559  | 5,946  |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2019                                | 5,487           | 344   | 3,511  |        |        |        |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| Non-Cumulative Trauma Injury Claims |                 |       |        |        |        |        |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2010.07                             | 5,300           | 8,094 | 10,569 | 12,393 | 13,830 | 14,825 | 15,442 | 15,917 | 16,217 | 16,435 | 285      | 277   | 266   | 261   | 258   | 257   | 257    | 256    | 256    | 256    | 2,392                | 4,473  | 6,134  | 7,326  | 8,297  | 8,925  | 9,329  | 9,646  | 9,826  | 9,960  |
| 2011                                | 5,182           | 7,968 | 10,384 | 12,329 | 13,733 | 14,644 | 15,318 | 15,739 | 16,025 | 294    | 279      | 267   | 262   | 260   | 259   | 258   | 258    | 258    | 2,360  | 4,431  | 6,055                | 7,346  | 8,259  | 8,854  | 9,279  | 9,544  | 9,722  |        |        |        |
| 2012                                | 5,042           | 7,904 | 10,322 | 12,180 | 13,347 | 14,118 | 14,641 | 14,958 | 298    | 281    | 270      | 264   | 262   | 261   | 261   | 261   | 2,340  | 4,474  | 6,165  | 7,385  | 8,147                | 8,653  | 8,987  | 9,187  |        |        |        |        |        |        |
| 2013                                | 5,196           | 7,984 | 10,442 | 12,125 | 13,198 | 13,897 | 14,313 | 302    | 281    | 267    | 263      | 263   | 263   | 262   | 2,456 | 4,615 | 6,309  | 7,418  | 8,131  | 8,577  | 8,839                |        |        |        |        |        |        |        |        |        |
| 2014                                | 5,354           | 8,264 | 10,562 | 12,092 | 13,047 | 13,638 | 295    | 272    | 262    | 259    | 258      | 257   | 2,602 | 4,832 | 6,423 | 7,433 | 8,059  | 8,434  |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2015                                | 5,346           | 8,323 | 10,493 | 11,880 | 12,692 | 292    | 270    | 259    | 257    | 256    | 2,632    | 4,895 | 6,396 | 7,305 | 7,827 |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2016                                | 5,565           | 8,686 | 10,781 | 11,818 | 291    | 269    | 260    | 258    | 2,759  | 5,086  | 6,521    | 7,207 |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2017                                | 5,663           | 8,654 | 10,695 | 293    | 273    | 265    | 2,856  | 5,083  | 6,448  |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2018                                | 5,788           | 8,647 | 302    | 285    | 2,959  | 5,090  |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |
| 2019                                | 5,765           | 298   | 2,915  |        |        |        |        |        |        |        |          |       |       |       |       |       |        |        |        |        |                      |        |        |        |        |        |        |        |        |        |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.  
 2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims. Cumulative trauma includes occupational disease claims.

Indemnity Claim Closing Rate

| PY/RL                                                    | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |       |       |       |       |       |       |       |       |
|----------------------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                          | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
| Percentage of Indemnity Claims Closed                    |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                                                  | 16.2%           | 32.5% | 51.5% | 65.8% | 75.7% | 82.2% | 86.5% | 89.9% | 91.9% | 93.1% | 57.4%    | 80.7% | 90.5% | 94.5% | 96.6% | 97.6% | 98.1% | 98.7% | 98.8% | 98.9% | 34.1%   | 53.7% | 69.1% | 79.2% | 87.2% | 89.0% | 92.8% | 94.0% | 94.7% | 95.2% |
| 2011                                                     | 16.3%           | 34.7% | 54.0% | 67.8% | 77.4% | 83.6% | 88.3% | 91.0% | 92.7% | 58.9% | 82.3%    | 91.6% | 95.2% | 97.0% | 98.0% | 98.7% | 99.0% | 99.2% | 34.1% | 52.9% | 67.3%   | 79.3% | 83.5% | 89.0% | 91.4% | 93.3% | 94.8% |       |       |       |
| 2012                                                     | 18.2%           | 38.8% | 57.4% | 71.3% | 80.4% | 86.5% | 90.2% | 92.4% | 59.3% | 83.1% | 92.6%    | 96.0% | 97.5% | 98.5% | 98.9% | 99.1% | 34.5% | 56.3% | 73.4% | 81.8% | 86.3%   | 90.3% | 92.9% | 94.3% |       |       |       |       |       |       |
| 2013                                                     | 19.9%           | 40.4% | 59.9% | 73.9% | 82.6% | 88.0% | 91.1% | 58.7% | 84.5% | 93.1% | 96.0%    | 97.7% | 98.3% | 98.6% | 38.5% | 61.7% | 75.0% | 82.5% | 88.4% | 92.5% | 94.2%   |       |       |       |       |       |       |       |       |       |
| 2014                                                     | 22.1%           | 43.9% | 63.0% | 76.6% | 84.5% | 88.5% | 62.2% | 85.3% | 93.1% | 96.4% | 97.7%    | 98.2% | 36.6% | 58.0% | 71.4% | 82.2% | 88.5% | 91.4% |       |       |         |       |       |       |       |       |       |       |       |       |
| 2015                                                     | 24.4%           | 47.7% | 67.5% | 79.8% | 85.7% | 63.3% | 86.7% | 94.5% | 97.1% | 98.1% | 36.8%    | 58.6% | 74.3% | 83.7% | 88.5% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2016                                                     | 27.1%           | 51.2% | 70.2% | 79.9% | 64.9% | 87.4% | 94.7% | 96.9% | 35.2% | 57.7% | 74.9%    | 82.2% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2017                                                     | 27.4%           | 51.8% | 67.9% | 67.6% | 88.5% | 94.5% | 34.8% | 57.9% | 70.8% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2018                                                     | 28.3%           | 48.7% | 67.7% | 86.8% | 33.6% | 50.9% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2019                                                     | 26.0%           | 66.2% | 32.4% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| Percentage of Permanent Partial Disability Claims Closed |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2010.07                                                  | 9.6%            | 26.8% | 47.8% | 63.2% | 74.2% | 80.8% | 85.7% | 89.4% | 91.7% | 93.0% | 15.9%    | 46.5% | 72.8% | 83.9% | 91.1% | 93.4% | 95.2% | 97.2% | 97.2% | 97.5% | 12.3%   | 29.6% | 54.8% | 69.4% | 81.0% | 80.7% | 89.5% | 92.3% | 92.4% | 93.2% |
| 2011                                                     | 10.0%           | 29.7% | 50.1% | 64.8% | 75.1% | 82.0% | 87.2% | 90.3% | 92.2% | 16.9% | 51.9%    | 75.1% | 85.7% | 90.9% | 94.3% | 96.6% | 97.4% | 98.0% | 10.0% | 30.8% | 52.1%   | 67.2% | 72.9% | 82.5% | 87.8% | 90.2% | 94.1% |       |       |       |
| 2012                                                     | 12.6%           | 34.4% | 53.7% | 68.3% | 77.8% | 84.6% | 89.0% | 91.4% | 20.7% | 55.0% | 77.7%    | 86.9% | 92.2% | 95.4% | 96.7% | 97.3% | 10.8% | 33.3% | 56.4% | 69.8% | 78.5%   | 85.5% | 89.1% | 91.5% |       |       |       |       |       |       |
| 2013                                                     | 15.2%           | 36.0% | 56.1% | 71.0% | 80.7% | 86.6% | 89.9% | 21.7% | 56.9% | 78.2% | 87.5%    | 92.5% | 94.8% | 96.0% | 12.8% | 37.5% | 58.0% | 71.2% | 82.2% | 87.5% | 91.0%   |       |       |       |       |       |       |       |       |       |
| 2014                                                     | 18.2%           | 41.0% | 60.1% | 74.6% | 82.8% | 87.2% | 21.3% | 55.7% | 78.1% | 88.5% | 93.2%    | 95.0% | 14.4% | 34.8% | 54.9% | 72.8% | 83.3% | 89.0% |       |       |         |       |       |       |       |       |       |       |       |       |
| 2015                                                     | 22.0%           | 45.4% | 65.1% | 77.5% | 83.8% | 21.6% | 58.4% | 81.4% | 90.0% | 93.7% | 17.3%    | 43.0% | 63.1% | 76.3% | 84.7% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2016                                                     | 24.8%           | 49.1% | 67.6% | 77.5% | 25.9% | 63.2% | 82.4% | 90.0% | 14.0% | 40.8% | 64.9%    | 75.4% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2017                                                     | 24.8%           | 48.4% | 64.7% | 24.9% | 61.4% | 80.5% | 17.0% | 45.1% | 65.1% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2018                                                     | 25.2%           | 45.3% | 24.8% | 57.8% | 19.5% | 42.1% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 2019                                                     | 23.3%           | 23.5% | 17.7% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

Indemnity Claims Settled by Compromise and Release

| PY/RL                                                                                      | Nontrivial ALAE |       |       |       |       |       |       |       |       |       | Low ALAE |       |       |       |       |       |       |       |       |       | No ALAE |       |       |       |       |       |       |       |       |       |  |  |
|--------------------------------------------------------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
|                                                                                            | 1               | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 1       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |  |  |
| Percentage of Indemnity Closed Claims Settled by Compromise and Release                    |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2010.07                                                                                    | 14.3%           | 17.5% | 20.5% | 24.5% | 26.9% | 28.6% | 29.4% | 30.0% | 29.8% | 30.2% | 1.8%     | 2.5%  | 3.1%  | 3.6%  | 3.9%  | 4.1%  | 4.2%  | 4.3%  | 4.3%  | 4.4%  | 6.7%    | 8.0%  | 10.1% | 10.2% | 12.5% | 13.3% | 14.5% | 14.9% | 14.9% | 14.8% |  |  |
| 2011                                                                                       | 17.6%           | 20.7% | 24.5% | 27.5% | 29.7% | 30.5% | 31.1% | 31.0% | 31.3% | 2.0%  | 3.0%     | 3.6%  | 4.1%  | 4.4%  | 4.6%  | 4.8%  | 4.7%  | 4.8%  | 5.6%  | 8.4%  | 10.9%   | 13.1% | 14.7% | 15.6% | 16.6% | 16.6% | 16.6% |       |       |       |  |  |
| 2012                                                                                       | 20.6%           | 25.8% | 28.8% | 31.2% | 32.3% | 33.0% | 32.8% | 33.2% | 2.4%  | 4.0%  | 4.9%     | 5.4%  | 5.7%  | 6.0%  | 6.0%  | 6.1%  | 6.5%  | 11.2% | 14.5% | 18.2% | 19.5%   | 20.4% | 21.0% | 20.7% |       |       |       |       |       |       |  |  |
| 2013                                                                                       | 26.4%           | 32.3% | 35.5% | 36.8% | 37.7% | 37.8% | 38.1% | 2.6%  | 4.4%  | 5.3%  | 5.8%     | 6.2%  | 6.3%  | 6.5%  | 8.8%  | 16.3% | 23.0% | 26.2% | 27.9% | 28.7% | 28.8%   |       |       |       |       |       |       |       |       |       |  |  |
| 2014                                                                                       | 34.6%           | 39.8% | 41.7% | 42.6% | 42.5% | 42.9% | 3.0%  | 5.0%  | 6.0%  | 6.6%  | 6.9%     | 7.1%  | 16.4% | 27.1% | 33.3% | 35.8% | 35.9% | 36.0% |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2015                                                                                       | 40.0%           | 42.7% | 43.5% | 43.7% | 44.5% | 3.4%  | 5.3%  | 6.4%  | 6.9%  | 7.2%  | 21.4%    | 34.3% | 38.6% | 39.9% | 39.7% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2016                                                                                       | 39.7%           | 42.9% | 43.5% | 44.5% | 3.8%  | 6.0%  | 7.1%  | 7.8%  | 22.5% | 34.2% | 37.2%    | 37.6% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2017                                                                                       | 37.9%           | 40.8% | 43.3% | 3.4%  | 5.3%  | 6.4%  | 19.7% | 29.1% | 32.7% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2018                                                                                       | 38.0%           | 44.8% | 3.6%  | 5.7%  | 18.3% | 27.6% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2019                                                                                       | 42.5%           | 4.0%  | 17.7% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| Percentage of Permanent Partial Disability Closed Claims Settled by Compromise and Release |                 |       |       |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2010.07                                                                                    | 26.6%           | 24.1% | 25.7% | 29.4% | 31.4% | 33.1% | 33.8% | 34.3% | 34.4% | 34.8% | 12.0%    | 12.1% | 13.3% | 14.7% | 16.2% | 16.7% | 17.3% | 17.8% | 17.9% | 18.2% | 37.2%   | 22.5% | 26.5% | 23.0% | 30.6% | 31.9% | 33.6% | 33.9% | 32.9% | 32.2% |  |  |
| 2011                                                                                       | 30.9%           | 27.9% | 30.5% | 33.3% | 35.3% | 36.0% | 36.5% | 36.4% | 36.7% | 14.3% | 15.2%    | 16.6% | 18.5% | 20.0% | 20.9% | 21.4% | 21.4% | 21.6% | 25.3% | 25.8% | 24.8%   | 29.2% | 31.4% | 31.9% | 33.0% | 34.2% | 33.8% |       |       |       |  |  |
| 2012                                                                                       | 34.0%           | 33.5% | 36.0% | 38.1% | 38.8% | 39.4% | 39.3% | 39.7% | 16.9% | 20.6% | 23.6%    | 25.4% | 26.3% | 27.3% | 27.4% | 27.7% | 31.6% | 29.6% | 35.3% | 39.7% | 40.6%   | 42.2% | 43.6% | 42.3% |       |       |       |       |       |       |  |  |
| 2013                                                                                       | 44.3%           | 43.7% | 44.4% | 44.2% | 44.6% | 44.7% | 45.0% | 19.8% | 25.6% | 28.3% | 29.5%    | 30.8% | 31.2% | 31.8% | 38.8% | 51.5% | 54.1% | 53.9% | 54.7% | 54.9% | 52.9%   |       |       |       |       |       |       |       |       |       |  |  |
| 2014                                                                                       | 56.6%           | 52.7% | 51.8% | 51.6% | 51.1% | 51.2% | 25.0% | 30.4% | 32.5% | 34.1% | 34.8%    | 35.7% | 57.0% | 58.6% | 59.9% | 61.6% | 59.3% | 57.0% |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2015                                                                                       | 59.4%           | 54.9% | 53.6% | 53.1% | 53.5% | 31.9% | 34.4% | 36.9% | 37.6% | 38.6% | 71.7%    | 69.2% | 68.0% | 66.2% | 63.4% |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2016                                                                                       | 56.7%           | 54.4% | 53.6% | 53.9% | 29.4% | 34.1% | 36.8% | 38.5% | 68.9% | 69.5% | 64.6%    | 61.4% |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2017                                                                                       | 57.4%           | 54.1% | 54.7% | 34.7% | 36.6% | 38.6% | 72.5% | 65.8% | 63.2% |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2018                                                                                       | 60.8%           | 59.8% | 35.9% | 38.1% | 62.5% | 62.9% |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |
| 2019                                                                                       | 68.0%           | 40.2% | 69.0% |       |       |       |       |       |       |       |          |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |  |  |

Notes: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

2010.07 represents July 1, 2010 to December 31, 2010 policies.

Source: WCIRB unit statistical data for indemnity claims only, excluding COVID-19 claims.

### Transition Claims - Temporary to Permanent Partial Disability

Percentage of 1st Report Level (RL) Temporary Claims that Transition into Permanent Partial

| PY   | Percentage of 1st RL Temporary Claims that Developed into Permanent Partial Claims by RL |     |     |     |
|------|------------------------------------------------------------------------------------------|-----|-----|-----|
|      | 2nd                                                                                      | 3rd | 4th | 5th |
| 2012 | 14%                                                                                      | 20% | 23% | 24% |
| 2013 | 15%                                                                                      | 21% | 23% | 24% |
| 2014 | 15%                                                                                      | 20% | 22% | 23% |
| 2015 | 14%                                                                                      | 19% | 21% |     |
| 2016 | 13%                                                                                      | 18% |     |     |
| 2017 | 13%                                                                                      |     |     |     |

Average Paid ALAE

| PY   | Average ALAE for All Temporary Claims at 1st RL | Average 1st RL ALAE for Temporary Claims that Later Developed into Permanent Partial Claims by RL |         |         |         |
|------|-------------------------------------------------|---------------------------------------------------------------------------------------------------|---------|---------|---------|
|      |                                                 | 1st/2nd                                                                                           | 1st/3rd | 1st/4th | 1st/5th |
| 2012 | \$1,673                                         | \$3,239                                                                                           | \$3,231 | \$3,183 | \$3,179 |
| 2013 | \$1,839                                         | \$3,455                                                                                           | \$3,364 | \$3,384 | \$3,379 |
| 2014 | \$1,937                                         | \$3,626                                                                                           | \$3,727 | \$3,713 | \$3,713 |
| 2015 | \$2,008                                         | \$4,147                                                                                           | \$4,050 | \$4,056 |         |
| 2016 | \$2,061                                         | \$4,018                                                                                           | \$3,999 |         |         |
| 2017 | \$2,155                                         | \$4,359                                                                                           |         |         |         |

| PY   | Average Paid ALAE for Permanent Partial Claims that were Reported as Temporary at 1st RL |          |          |          |
|------|------------------------------------------------------------------------------------------|----------|----------|----------|
|      | 2nd                                                                                      | 3rd      | 4th      | 5th      |
| 2012 | \$7,589                                                                                  | \$11,434 | \$14,378 | \$16,237 |
| 2013 | \$8,164                                                                                  | \$11,735 | \$14,500 | \$16,138 |
| 2014 | \$8,488                                                                                  | \$12,440 | \$14,959 | \$16,455 |
| 2015 | \$9,277                                                                                  | \$12,806 | \$14,998 |          |
| 2016 | \$9,148                                                                                  | \$12,625 |          |          |
| 2017 | \$9,557                                                                                  |          |          |          |

Source: WCIRB unit statistical data

### Transition Claims - Temporary to Permanent Partial Disability

Average Incurred Indemnity and Medical

#### Average Incurred Indemnity

| PY   | Average Incurred Indemnity for All Temporary Claims at 1st RL | Average 1st RL Incurred Indemnity for Temporary Claims that Later Developed into Permanent Partial |          |          |          |
|------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------|----------|----------|
|      |                                                               | 1st/2nd                                                                                            | 1st/3rd  | 1st/4th  | 1st/5th  |
| 2012 | \$6,821                                                       | \$14,828                                                                                           | \$14,775 | \$14,544 | \$14,424 |
| 2013 | \$7,495                                                       | \$15,927                                                                                           | \$15,453 | \$15,368 | \$15,321 |
| 2014 | \$7,424                                                       | \$15,765                                                                                           | \$15,944 | \$15,898 | \$15,878 |
| 2015 | \$7,603                                                       | \$16,913                                                                                           | \$16,758 | \$16,631 |          |
| 2016 | \$7,874                                                       | \$17,583                                                                                           | \$17,536 |          |          |
| 2017 | \$8,185                                                       | \$18,526                                                                                           |          |          |          |

| PY   | Average Incurred Indemnity for Permanent Partial Claims that were Reported as Temporary at 1st RL |          |          |          |
|------|---------------------------------------------------------------------------------------------------|----------|----------|----------|
|      | 2nd                                                                                               | 3rd      | 4th      | 5th      |
| 2012 | \$29,653                                                                                          | \$34,987 | \$37,797 | \$39,231 |
| 2013 | \$30,915                                                                                          | \$35,241 | \$37,724 | \$39,259 |
| 2014 | \$31,698                                                                                          | \$37,911 | \$40,767 | \$42,320 |
| 2015 | \$34,048                                                                                          | \$39,133 | \$41,566 |          |
| 2016 | \$34,129                                                                                          | \$39,573 |          |          |
| 2017 | \$35,560                                                                                          |          |          |          |

#### Average Incurred Medical

| PY   | Average Incurred Medical for All Temporary Claims at 1st RL | Average 1st RL Incurred Medical for Temporary Claims that Later Developed into Permanent Partial |          |          |          |
|------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|----------|----------|
|      |                                                             | 1st/2nd                                                                                          | 1st/3rd  | 1st/4th  | 1st/5th  |
| 2012 | \$9,798                                                     | \$20,408                                                                                         | \$20,576 | \$20,382 | \$20,313 |
| 2013 | \$10,166                                                    | \$21,327                                                                                         | \$20,941 | \$20,720 | \$20,624 |
| 2014 | \$9,675                                                     | \$19,806                                                                                         | \$20,132 | \$20,070 | \$20,021 |
| 2015 | \$9,770                                                     | \$20,736                                                                                         | \$20,428 | \$20,484 |          |
| 2016 | \$9,891                                                     | \$21,124                                                                                         | \$21,214 |          |          |
| 2017 | \$10,091                                                    | \$23,108                                                                                         |          |          |          |

| PY   | Average Incurred Medical for Permanent Partial Claims that were Reported as Temporary at 1st RL |          |          |          |
|------|-------------------------------------------------------------------------------------------------|----------|----------|----------|
|      | 2nd                                                                                             | 3rd      | 4th      | 5th      |
| 2012 | \$33,250                                                                                        | \$39,003 | \$41,864 | \$44,164 |
| 2013 | \$32,771                                                                                        | \$37,304 | \$39,880 | \$41,067 |
| 2014 | \$30,559                                                                                        | \$36,512 | \$38,986 | \$40,309 |
| 2015 | \$31,880                                                                                        | \$35,752 | \$38,255 |          |
| 2016 | \$31,791                                                                                        | \$36,096 |          |          |
| 2017 | \$33,906                                                                                        |          |          |          |

Source: WCIRB unit statistical data

**Non-Transition Temporary Claims**

Percentage of 1st Report Level (RL) Temporary Claims that Remain as Temporary

| PY   | Percentage of 1st RL Temporary Claims Remaining Temporary at Subsequent RL |     |     |     |
|------|----------------------------------------------------------------------------|-----|-----|-----|
|      | 2nd                                                                        | 3rd | 4th | 5th |
| 2012 | 83%                                                                        | 76% | 73% | 72% |
| 2013 | 81%                                                                        | 75% | 72% | 71% |
| 2014 | 82%                                                                        | 76% | 74% | 73% |
| 2015 | 82%                                                                        | 77% | 75% |     |
| 2016 | 84%                                                                        | 78% |     |     |
| 2017 | 84%                                                                        |     |     |     |

Average Paid ALAE

| PY   | Average ALAE for All Temporary Claims at 1st RL | Average 1st RL ALAE for Temporary Claims Remaining Temporary at Subsequent RL |         |         |         |
|------|-------------------------------------------------|-------------------------------------------------------------------------------|---------|---------|---------|
|      |                                                 | 1st/2nd                                                                       | 1st/3rd | 1st/4th | 1st/5th |
| 2012 | \$1,673                                         | \$1,430                                                                       | \$1,298 | \$1,252 | \$1,220 |
| 2013 | \$1,839                                         | \$1,567                                                                       | \$1,443 | \$1,381 | \$1,364 |
| 2014 | \$1,937                                         | \$1,672                                                                       | \$1,508 | \$1,463 | \$1,440 |
| 2015 | \$2,008                                         | \$1,683                                                                       | \$1,554 | \$1,494 |         |
| 2016 | \$2,061                                         | \$1,790                                                                       | \$1,653 |         |         |
| 2017 | \$2,155                                         | \$1,855                                                                       |         |         |         |

| PY   | Average Paid ALAE for Temporary Claims that Remained Temporary at Subsequent RL |         |         |         |
|------|---------------------------------------------------------------------------------|---------|---------|---------|
|      | 2nd                                                                             | 3rd     | 4th     | 5th     |
| 2012 | \$2,676                                                                         | \$3,009 | \$3,179 | \$3,184 |
| 2013 | \$2,816                                                                         | \$3,142 | \$3,179 | \$3,277 |
| 2014 | \$2,948                                                                         | \$3,105 | \$3,188 | \$3,219 |
| 2015 | \$2,963                                                                         | \$3,153 | \$3,191 |         |
| 2016 | \$3,270                                                                         | \$3,445 |         |         |
| 2017 | \$3,145                                                                         |         |         |         |

Source: WCIRB unit statistical data

**Non-Transition Temporary Claims**  
Average Incurred Indemnity and Medical

## Average Incurred Indemnity

| PY   | Average Incurred Indemnity for All Temporary Claims at 1st RL | Average 1st RL Incurred Indemnity for Temporary Claims that Remained Temporary at Subsequent RL |         |         |         |
|------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------|---------|---------|
|      |                                                               | 1st/2nd                                                                                         | 1st/3rd | 1st/4th | 1st/5th |
| 2012 | \$6,821                                                       | \$5,615                                                                                         | \$4,943 | \$4,701 | \$4,575 |
| 2013 | \$7,495                                                       | \$6,105                                                                                         | \$5,473 | \$5,208 | \$5,136 |
| 2014 | \$7,424                                                       | \$6,111                                                                                         | \$5,399 | \$5,176 | \$5,086 |
| 2015 | \$7,603                                                       | \$6,180                                                                                         | \$5,545 | \$5,319 |         |
| 2016 | \$7,874                                                       | \$6,531                                                                                         | \$5,870 |         |         |
| 2017 | \$8,185                                                       | \$6,768                                                                                         |         |         |         |

| PY   | Average Later RL Incurred Indemnity for Temporary Claims that Remained Temporary at Subsequent RL |         |         |         |
|------|---------------------------------------------------------------------------------------------------|---------|---------|---------|
|      | 2nd                                                                                               | 3rd     | 4th     | 5th     |
| 2012 | \$7,578                                                                                           | \$7,016 | \$6,647 | \$6,449 |
| 2013 | \$7,849                                                                                           | \$7,314 | \$6,887 | \$6,776 |
| 2014 | \$7,941                                                                                           | \$7,272 | \$6,900 | \$6,707 |
| 2015 | \$7,959                                                                                           | \$7,328 | \$6,968 |         |
| 2016 | \$8,363                                                                                           | \$7,647 |         |         |
| 2017 | \$8,630                                                                                           |         |         |         |

## Average Incurred Medical

| PY   | Average Incurred Medical for All Temporary Claims at 1st RL | Average 1st RL Incurred Medical for Temporary Claims that Remained Temporary at Subsequent RL |         |         |         |
|------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------|---------|---------|
|      |                                                             | 1st/2nd                                                                                       | 1st/3rd | 1st/4th | 1st/5th |
| 2012 | \$9,798                                                     | \$7,957                                                                                       | \$6,930 | \$6,546 | \$6,324 |
| 2013 | \$10,166                                                    | \$8,041                                                                                       | \$7,077 | \$6,718 | \$6,630 |
| 2014 | \$9,675                                                     | \$7,857                                                                                       | \$6,901 | \$6,617 | \$6,503 |
| 2015 | \$9,770                                                     | \$7,836                                                                                       | \$7,067 | \$6,729 |         |
| 2016 | \$9,891                                                     | \$8,111                                                                                       | \$7,267 |         |         |
| 2017 | \$10,091                                                    | \$8,102                                                                                       |         |         |         |

| PY   | Average Later RL Incurred Medical for Temporary Claims that Remained Temporary at Subsequent RL |         |         |         |
|------|-------------------------------------------------------------------------------------------------|---------|---------|---------|
|      | 2nd                                                                                             | 3rd     | 4th     | 5th     |
| 2012 | \$9,604                                                                                         | \$8,681 | \$8,126 | \$7,740 |
| 2013 | \$9,364                                                                                         | \$8,370 | \$7,730 | \$7,571 |
| 2014 | \$9,135                                                                                         | \$8,104 | \$7,607 | \$7,366 |
| 2015 | \$9,045                                                                                         | \$8,039 | \$7,485 |         |
| 2016 | \$9,270                                                                                         | \$8,148 |         |         |
| 2017 | \$9,268                                                                                         |         |         |         |

Source: WCIRB unit statistical data

### Summary of Claim Survey Data - Claim Distribution

|                                                      | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>2018</u> | <u>2016-2018</u> |
|------------------------------------------------------|-------------|-------------|-------------|-------------|------------------|
| <b>Percentage of Claims with:</b>                    |             |             |             |             |                  |
| <u>Representation</u>                                |             |             |             |             |                  |
| Applicant's Attorney                                 | 79%         | 79%         | 78%         | 80%         | 79%              |
| Northern CA Claims Only                              | 63%         | 61%         | 62%         | 68%         | 64%              |
| Southern CA Claims Only                              | 85%         | 86%         | 84%         | 85%         | 85%              |
| <u>Deposition Cost Types</u>                         |             |             |             |             |                  |
| Applicant                                            | ---         | 44%         | 43%         | 42%         | 43%              |
| AME/QME                                              | ---         | 4%          | 2%          | 5%          | 4%               |
| Treating Physician                                   | ---         | 4%          | 1%          | 3%          | 3%               |
| Other                                                | ---         | 3%          | 2%          | 0%          | 2%               |
| <u>Medical Cost Containment Program (MCCP) Costs</u> |             |             |             |             |                  |
| Utilization Review                                   | 51%         | 57%         | 47%         | 54%         | 53%              |
| Bill Review                                          | 82%         | 84%         | 81%         | 82%         | 82%              |
| Network Service Fees                                 | 29%         | 33%         | 25%         | 31%         | 30%              |
| Other MCCP Costs                                     | 21%         | 18%         | 20%         | 17%         | 18%              |
| <u>Other ALAE Components</u>                         |             |             |             |             |                  |
| Surveillance/Investigation Costs                     | 35%         | 36%         | 33%         | 37%         | 35%              |

Note: Each percentage represents the number of claims with the item divided by the total number of claims unless otherwise noted.

Source: WCIRB Permanent Disability Claim Survey and ALAE Claim Survey

## Summary of Claim Survey Data - Frequency of ALAE Components

|                                                         | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>2018</u> | <u>2016-2018</u> |
|---------------------------------------------------------|-------------|-------------|-------------|-------------|------------------|
| <b>Number of Transactions per Claim</b>                 |             |             |             |             |                  |
| <u>Depositions</u>                                      |             |             |             |             |                  |
| Applicant                                               | ---         | 0.45        | 0.44        | 0.46        | 0.45             |
| AME/QME                                                 | ---         | 0.04        | 0.02        | 0.07        | 0.04             |
| All Other                                               | ---         | 0.01        | 0.01        | 0.01        | 0.01             |
| <b>Total</b>                                            | ---         | <b>0.50</b> | <b>0.47</b> | <b>0.55</b> | <b>0.51</b>      |
| <u>Appreances at WCAB</u>                               |             |             |             |             |                  |
| Expedited hearings on medical issues                    | 0.02        | 0.02        | 0.02        | 0.04        | 0.02             |
| Expedited hearings on MPN issues                        | 0.02        | 0.01        | 0.01        | 0.01        | 0.01             |
| Expedited hearings on other than medical and MPN issues | 0.02        | 0.02        | 0.02        | 0.02        | 0.02             |
| Priority status conference                              | 0.06        | 0.05        | 0.04        | 0.06        | 0.05             |
| Mandatory settlement conference (MSC)                   | 0.23        | 0.23        | 0.19        | 0.23        | 0.22             |
| Status conference                                       | 0.23        | 0.21        | 0.22        | 0.20        | 0.21             |
| Lien conference                                         | 0.05        | 0.07        | 0.09        | 0.05        | 0.07             |
| Trial                                                   | 0.03        | 0.04        | 0.02        | 0.04        | 0.04             |
| Walk-through                                            |             |             |             |             |                  |
| Other                                                   | 0.08        | 0.10        | 0.13        | 0.07        | 0.10             |
| <b>Total</b>                                            | <b>0.74</b> | <b>0.77</b> | <b>0.72</b> | <b>0.71</b> | <b>0.73</b>      |

Source: WCIRB Permanent Disability Claim Survey and ALAE Claim Survey

**Summary of Claim Survey Data - Average ALAE Costs**

|                                                                                                   | <u>2015</u> | <u>2016</u> | <u>2017</u> | <u>2018</u> | <u>2016-2018</u> |
|---------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|------------------|
| <u>Average Paid ALAE Costs per Claim</u>                                                          | \$6,891     | \$6,932     | \$6,155     | \$7,926     | \$7,007          |
| <u>Average ALAE Paid Cost (excluding M CCP) on</u>                                                |             |             |             |             |                  |
| Claims with Representation                                                                        | \$6,822     | \$6,945     | \$6,116     | \$7,903     | \$7,001          |
| Northern CA Claims Only                                                                           | \$6,816     | \$7,829     | \$7,303     | \$8,185     | \$7,811          |
| Southern CA Claims Only                                                                           | \$6,824     | \$6,717     | \$5,834     | \$7,822     | \$6,785          |
| Claims without Representation                                                                     | \$1,304     | \$1,375     | \$1,896     | \$1,827     | \$1,712          |
| Northern CA Claims Only                                                                           | \$1,341     | \$1,103     | \$1,809     | \$1,555     | \$1,481          |
| Southern CA Claims Only                                                                           | \$1,269     | \$1,581     | \$1,964     | \$2,058     | \$1,895          |
| <u>Medical Cost Containment Program (M CCP) Costs Paid per Claim with M CCP Cost of that Type</u> |             |             |             |             |                  |
| Utilization Review                                                                                | \$1,321     | \$1,188     | \$1,192     | \$1,395     | \$1,261          |
| Bill Review                                                                                       | \$1,299     | \$1,022     | \$787       | \$1,047     | \$954            |
| Network Service Cost                                                                              | \$260       | \$414       | \$327       | \$337       | \$363            |
| Other M CCP Costs                                                                                 | \$601       | \$954       | \$1,363     | \$1,113     | \$1,148          |
| <u>Average Costs per Claim with Fee/Cost of that Type</u>                                         |             |             |             |             |                  |
| Defense Attorney Fee                                                                              | \$5,799     | \$5,743     | \$5,090     | \$6,507     | \$5,784          |
| Applicant's Attorney Fee                                                                          | \$4,385     | \$4,718     | \$3,910     | \$4,398     | \$4,300          |
| Applicant's Attorney Deposition Fee                                                               | \$1,495     | \$1,537     | \$1,485     | \$1,543     | \$1,517          |
| Interpreter Fee                                                                                   | \$1,302     | \$1,340     | \$1,057     | \$1,612     | \$1,340          |
| Surveillance/Investigation Costs                                                                  | \$1,632     | \$1,662     | \$1,711     | \$1,733     | \$1,702          |

Note: Average costs shown are based only on the claims with the costs of that type

Source: WCIRB Permanent Disability Claim Survey and ALAE Claim Survey

**ALAE and Medical Fee Schedule - by Accident Year**  
Percent Share of Claim Counts and Medical Transactions

| Accident Year                                                    | Nontrivial ALAE |         |         |         |         |         |         | Low ALAE |         |         |         |         |         |         |
|------------------------------------------------------------------|-----------------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|
|                                                                  | 2013            | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2013     | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    |
| Average Paid ALAE per Claim                                      | \$3,598         | \$3,624 | \$3,788 | \$4,031 | \$4,040 | \$4,034 | \$4,077 | \$154    | \$162   | \$159   | \$157   | \$154   | \$165   | \$160   |
| Share of Claim Counts                                            | 14%             | 15%     | 15%     | 12%     | 14%     | 15%     | 16%     | 82%      | 83%     | 82%     | 86%     | 85%     | 84%     | 83%     |
| Number of Medical Transactions per Claim                         | 62.6            | 59.1    | 58.6    | 61.7    | 56.4    | 55.3    | 49.7    | 22.5     | 19.3    | 18.3    | 18.2    | 16.8    | 16.2    | 14.8    |
| Share of Medical Transactions                                    | 32%             | 35%     | 37%     | 32%     | 35%     | 38%     | 40%     | 66%      | 64%     | 62%     | 67%     | 65%     | 61%     | 60%     |
| Average Medical Services Paid per Claim                          | \$6,023         | \$5,924 | \$6,270 | \$6,719 | \$5,778 | \$6,528 | \$6,854 | \$1,233  | \$1,225 | \$1,226 | \$1,245 | \$1,245 | \$1,200 | \$1,190 |
| Distribution of Number of Medical Transactions by Procedure Type |                 |         |         |         |         |         |         |          |         |         |         |         |         |         |
| 1 Evaluation & Management                                        | 14.3%           | 13.8%   | 14.3%   | 14.8%   | 15.7%   | 16.3%   | 17.1%   | 19.8%    | 21.3%   | 21.4%   | 21.9%   | 22.8%   | 23.3%   | 24.5%   |
| 2 Surgery                                                        | 2.5%            | 2.3%    | 2.1%    | 1.9%    | 1.9%    | 1.8%    | 1.9%    | 2.2%     | 2.0%    | 1.9%    | 1.7%    | 1.7%    | 1.7%    | 1.8%    |
| 3 Physical Medicine                                              | 37.4%           | 38.5%   | 37.6%   | 37.3%   | 38.1%   | 38.7%   | 36.5%   | 32.9%    | 33.6%   | 33.8%   | 33.0%   | 31.6%   | 32.9%   | 31.3%   |
| 4 Radiology                                                      | 5.1%            | 5.3%    | 5.2%    | 5.1%    | 5.2%    | 5.2%    | 5.3%    | 5.2%     | 5.6%    | 5.7%    | 5.7%    | 6.0%    | 6.1%    | 6.2%    |
| 5 Special Services & Reports                                     | 10.6%           | 8.5%    | 8.6%    | 9.2%    | 9.7%    | 9.8%    | 10.5%   | 14.3%    | 11.6%   | 11.4%   | 11.6%   | 12.1%   | 12.4%   | 12.8%   |
| 6 Medicine                                                       | 3.0%            | 1.5%    | 1.4%    | 1.4%    | 1.4%    | 1.3%    | 1.3%    | 2.5%     | 1.3%    | 1.2%    | 1.2%    | 1.5%    | 1.4%    | 1.5%    |
| 7 Pathology & Laboratory                                         | 2.7%            | 2.4%    | 1.9%    | 1.3%    | 0.9%    | 1.0%    | 1.1%    | 1.7%     | 1.6%    | 1.5%    | 1.4%    | 1.2%    | 1.2%    | 1.2%    |
| 8 Anesthesia                                                     | 0.4%            | 0.3%    | 0.3%    | 0.3%    | 0.3%    | 0.3%    | 0.3%    | 0.1%     | 0.1%    | 0.1%    | 0.1%    | 0.1%    | 0.1%    | 0.1%    |
| 9 Acupuncture                                                    | 1.1%            | 2.0%    | 2.2%    | 2.6%    | 3.0%    | 3.2%    | 3.3%    | 0.7%     | 1.2%    | 1.5%    | 1.6%    | 1.7%    | 1.9%    | 1.8%    |
| 10 Chiropractic                                                  | 1.4%            | 1.4%    | 1.4%    | 1.5%    | 1.5%    | 1.7%    | 1.8%    | 1.3%     | 1.2%    | 1.4%    | 1.4%    | 1.3%    | 1.5%    | 1.4%    |
| 11 Other Physician Services                                      | 0.0%            | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%     | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |
| Physician Services                                               | 78.5%           | 76.3%   | 75.0%   | 75.5%   | 77.7%   | 79.1%   | 79.3%   | 80.8%    | 79.6%   | 79.9%   | 79.6%   | 80.0%   | 82.3%   | 82.8%   |
| 12 Pharmaceuticals                                               | 9.2%            | 8.2%    | 7.1%    | 6.7%    | 5.4%    | 3.4%    | 2.7%    | 9.8%     | 9.4%    | 8.2%    | 7.6%    | 6.9%    | 4.5%    | 3.5%    |
| 13 Hospital - Inpatient                                          | 0.9%            | 1.0%    | 1.1%    | 1.0%    | 0.9%    | 1.0%    | 1.3%    | 0.2%     | 0.3%    | 0.2%    | 0.2%    | 0.2%    | 0.2%    | 0.3%    |
| 14 Hospital - Outpatient                                         | 1.4%            | 1.4%    | 2.8%    | 2.0%    | 2.3%    | 1.8%    | 1.7%    | 1.4%     | 1.5%    | 1.8%    | 1.9%    | 2.2%    | 1.9%    | 1.8%    |
| 15 Medical-Legal Evaluations                                     | 0.1%            | 0.1%    | 0.2%    | 0.2%    | 0.2%    | 0.2%    | 0.2%    | 0.0%     | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |
| 16 Medical Supls. and Eqmnt.                                     | 7.7%            | 10.0%   | 10.3%   | 11.4%   | 10.9%   | 12.0%   | 11.6%   | 7.6%     | 9.0%    | 9.6%    | 10.4%   | 10.4%   | 10.8%   | 11.2%   |
| 17 Medical Liens                                                 | 0.0%            | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%     | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |
| 18 Dental Services                                               | 0.1%            | 0.1%    | 0.1%    | 0.0%    | 0.1%    | 0.1%    | 0.1%    | 0.1%     | 0.1%    | 0.1%    | 0.1%    | 0.1%    | 0.1%    | 0.2%    |
| 19 Copy Services                                                 | ---             | ---     | 0.5%    | 0.8%    | 0.9%    | 0.9%    | 1.4%    | ---      | ---     | 0.1%    | 0.1%    | 0.1%    | 0.2%    | 0.3%    |
| All Medical Services                                             | 97.8%           | 97.1%   | 97%     | 98%     | 98%     | 99%     | 98%     | 100%     | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    |
| Distribution of Paid Medical Transaction by Procedure Type       |                 |         |         |         |         |         |         |          |         |         |         |         |         |         |
| 1 Evaluation & Management                                        | 14.0%           | 15.7%   | 15.9%   | 16.9%   | 20.0%   | 18.4%   | 16.3%   | 32.2%    | 37.4%   | 38.2%   | 39.3%   | 40.3%   | 40.9%   | 38.7%   |
| 2 Surgery                                                        | 12.9%           | 12.3%   | 8.8%    | 8.0%    | 8.7%    | 6.7%    | 7.0%    | 8.3%     | 8.9%    | 7.3%    | 6.3%    | 5.2%    | 4.8%    | 5.1%    |
| 3 Physical Medicine                                              | 9.5%            | 13.1%   | 12.9%   | 12.5%   | 13.8%   | 13.1%   | 12.2%   | 14.2%    | 17.0%   | 18.0%   | 17.9%   | 15.6%   | 16.8%   | 18.0%   |
| 4 Radiology                                                      | 7.4%            | 6.6%    | 5.3%    | 5.1%    | 5.3%    | 4.7%    | 4.2%    | 8.4%     | 7.8%    | 6.6%    | 6.2%    | 5.8%    | 6.0%    | 5.5%    |
| 5 Special Services & Reports                                     | 3.1%            | 6.8%    | 1.8%    | 1.5%    | 1.6%    | 6.0%    | 1.3%    | 4.9%     | 3.0%    | 2.5%    | 2.5%    | 2.4%    | 2.5%    | 2.3%    |
| 6 Medicine                                                       | 2.7%            | 1.4%    | 1.4%    | 1.4%    | 1.8%    | 1.3%    | 1.1%    | 2.5%     | 1.2%    | 1.2%    | 1.1%    | 1.4%    | 1.3%    | 1.1%    |
| 7 Pathology & Laboratory                                         | 1.4%            | 0.6%    | 0.3%    | 0.2%    | 0.1%    | 0.1%    | 0.1%    | 0.7%     | 0.5%    | 0.4%    | 0.3%    | 0.3%    | 0.3%    | 0.2%    |
| 8 Anesthesia                                                     | 1.3%            | 1.2%    | 1.0%    | 0.9%    | 0.9%    | 0.8%    | 0.7%    | 0.7%     | 0.7%    | 0.6%    | 0.5%    | 0.4%    | 0.3%    | 0.3%    |
| 9 Acupuncture                                                    | 0.5%            | 0.7%    | 0.8%    | 0.9%    | 1.2%    | 1.1%    | 1.1%    | 0.6%     | 0.7%    | 0.8%    | 0.9%    | 0.9%    | 1.0%    | 1.0%    |
| 10 Chiropractic                                                  | 0.4%            | 0.5%    | 0.5%    | 0.5%    | 0.6%    | 0.5%    | 0.5%    | 0.7%     | 0.6%    | 0.8%    | 0.8%    | 0.7%    | 0.8%    | 0.6%    |
| 11 Other Physician Services                                      | 0.0%            | 0.1%    | 0.1%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%     | 0.0%    | 0.1%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |
| Physician Services                                               | 53.3%           | 58.9%   | 48.7%   | 48.0%   | 53.9%   | 52.8%   | 44.5%   | 73.2%    | 77.6%   | 76.4%   | 75.9%   | 73.0%   | 74.6%   | 73.0%   |
| 12 Pharmaceuticals                                               | 6.2%            | 4.7%    | 3.6%    | 3.0%    | 1.8%    | 1.0%    | 0.6%    | 6.0%     | 4.4%    | 3.8%    | 3.4%    | 2.6%    | 1.4%    | 1.2%    |
| 13 Hospital - Inpatient                                          | 13.1%           | 15.4%   | 17.5%   | 17.8%   | 15.6%   | 15.7%   | 25.8%   | 5.9%     | 4.6%    | 4.1%    | 4.1%    | 4.9%    | 4.3%    | 5.5%    |
| 14 Hospital - Outpatient                                         | 8.1%            | 7.9%    | 15.4%   | 15.1%   | 15.9%   | 17.1%   | 14.1%   | 6.6%     | 6.3%    | 7.6%    | 8.5%    | 11.5%   | 9.8%    | 9.7%    |
| 15 Medical-Legal Evaluations                                     | 1.5%            | 1.5%    | 2.1%    | 2.6%    | 2.4%    | 2.2%    | 2.1%    | 0.5%     | 0.5%    | 0.5%    | 0.5%    | 0.6%    | 0.7%    | 0.6%    |
| 16 Medical Supls. and Eqmnt.                                     | 7.9%            | 7.4%    | 8.3%    | 10.7%   | 7.8%    | 8.4%    | 8.5%    | 6.7%     | 5.6%    | 6.6%    | 6.2%    | 6.6%    | 6.7%    | 6.5%    |
| 17 Medical Liens                                                 | 0.2%            | 0.3%    | 0.3%    | 0.0%    | 0.1%    | 0.0%    | 0.1%    | 0.0%     | 0.1%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.1%    |
| 18 Dental Services                                               | 0.3%            | 0.2%    | 0.2%    | 0.3%    | 0.3%    | 0.3%    | 0.1%    | 1.1%     | 1.0%    | 0.9%    | 1.2%    | 0.7%    | 0.8%    | 1.1%    |
| 19 Copy Services                                                 | ---             | ---     | 0.5%    | 0.8%    | 0.9%    | 0.8%    | 1.1%    | ---      | ---     | 0.2%    | 0.2%    | 0.2%    | 0.2%    | 0.3%    |
| All Medical Services                                             | 90.6%           | 96.3%   | 97%     | 98%     | 99%     | 98%     | 97%     | 100%     | 100%    | 100%    | 100%    | 100%    | 99%     | 98%     |

Note: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

Source: WCIRB Unit Statistical Report (USR) for paid ALAE and medical transaction data for accident years from policy years at 2nd report level.

**ALAE and Medical Fee Schedule - By Injury Type: Permanent Disability (including Death & PT)**  
 Percent Share of Claim Counts and Medical Transactions

| Accident Year                            | Nontrivial ALAE |         |         |         |         |          |          | Low ALAE |         |         |         |         |         |         |
|------------------------------------------|-----------------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|
|                                          | 2013            | 2014    | 2015    | 2016    | 2017    | 2018     | 2019     | 2013     | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    |
| Average Paid ALAE per Claim              | \$4,433         | \$4,358 | \$4,524 | \$4,578 | \$4,394 | \$4,506  | \$4,573  | \$415    | \$432   | \$425   | \$424   | \$403   | \$430   | \$454   |
| Share of Claim Counts                    | 57%             | 58%     | 59%     | 56%     | 56%     | 60%      | 61%      | 43%      | 41%     | 41%     | 44%     | 44%     | 39%     | 39%     |
| Number of Medical Transactions per Claim | 79.3            | 73.1    | 68.0    | 67.7    | 63.4    | 65.3     | 56.2     | 60.7     | 53.7    | 48.5    | 49.0    | 49.0    | 46.0    | 41.3    |
| Share of Medical Transactions            | 63%             | 66%     | 67%     | 64%     | 62%     | 68%      | 68%      | 37%      | 34%     | 33%     | 36%     | 38%     | 32%     | 32%     |
| Average Medical Services Paid per Claim  | \$8,862         | \$8,841 | \$9,013 | \$9,189 | \$7,015 | \$10,250 | \$10,175 | \$5,151  | \$4,357 | \$4,202 | \$4,490 | \$4,374 | \$4,561 | \$4,369 |

Distribution of Number of Medical Transactions by Procedure Type

|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 13.2% | 13.3% | 13.4% | 14.0% | 14.8% | 14.9% | 16.0% | 14.8% | 15.0% | 15.7% | 16.9% | 16.8% | 17.2% | 18.6% |
| 2 Surgery                    | 3.1%  | 2.8%  | 2.3%  | 2.1%  | 2.0%  | 1.9%  | 2.2%  | 2.7%  | 2.4%  | 2.0%  | 2.1%  | 1.8%  | 1.9%  | 2.0%  |
| 3 Physical Medicine          | 37.4% | 38.6% | 38.4% | 37.8% | 38.7% | 39.1% | 35.5% | 41.1% | 42.4% | 41.4% | 39.5% | 41.5% | 40.7% | 40.0% |
| 4 Radiology                  | 5.6%  | 6.0%  | 5.7%  | 5.5%  | 5.5%  | 5.3%  | 5.8%  | 5.4%  | 5.3%  | 5.3%  | 5.5%  | 5.7%  | 5.7%  | 5.7%  |
| 5 Special Services & Reports | 9.9%  | 8.6%  | 8.3%  | 8.7%  | 9.4%  | 8.9%  | 9.5%  | 10.4% | 9.2%  | 9.7%  | 10.5% | 10.0% | 10.6% | 11.4% |
| 6 Medicine                   | 3.2%  | 1.6%  | 1.4%  | 1.6%  | 1.6%  | 1.5%  | 1.5%  | 2.5%  | 1.1%  | 1.1%  | 0.8%  | 1.1%  | 1.2%  | 0.8%  |
| 7 Pathology & Laboratory     | 3.6%  | 2.6%  | 2.2%  | 1.5%  | 1.1%  | 1.2%  | 1.5%  | 1.5%  | 1.3%  | 1.4%  | 1.0%  | 0.7%  | 0.7%  | 0.5%  |
| 8 Anesthesia                 | 0.5%  | 0.4%  | 0.4%  | 0.4%  | 0.3%  | 0.3%  | 0.4%  | 0.4%  | 0.4%  | 0.4%  | 0.4%  | 0.3%  | 0.3%  | 0.3%  |
| 9 Acupuncture                | 1.1%  | 1.9%  | 2.3%  | 2.1%  | 2.9%  | 2.8%  | 3.1%  | 0.9%  | 1.7%  | 2.1%  | 2.2%  | 2.5%  | 2.7%  | 2.8%  |
| 10 Chiropractic              | 1.1%  | 1.5%  | 1.5%  | 1.5%  | 1.7%  | 1.4%  | 1.8%  | 1.4%  | 1.2%  | 1.1%  | 1.2%  | 1.3%  | 1.1%  | 1.3%  |
| 11 Other Physician Services  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 78.7% | 77.3% | 75.9% | 75.2% | 78.2% | 77.3% | 77.4% | 81.1% | 80.0% | 80.2% | 80.0% | 81.7% | 82.1% | 83.6% |
| 12 Pharmaceuticals           | 9.2%  | 8.2%  | 7.2%  | 6.4%  | 5.1%  | 3.4%  | 2.6%  | 8.9%  | 8.1%  | 7.2%  | 6.4%  | 4.8%  | 3.6%  | 2.8%  |
| 13 Hospital - Inpatient      | 1.5%  | 1.5%  | 1.5%  | 1.8%  | 1.2%  | 1.5%  | 2.3%  | 1.1%  | 0.6%  | 0.7%  | 0.7%  | 0.6%  | 0.6%  | 0.8%  |
| 14 Hospital - Outpatient     | 1.6%  | 1.9%  | 3.1%  | 2.0%  | 2.1%  | 2.2%  | 2.4%  | 2.1%  | 2.4%  | 2.2%  | 2.1%  | 2.2%  | 2.1%  | 2.1%  |
| 15 Medical-Legal Evaluations | 0.1%  | 0.1%  | 0.2%  | 0.3%  | 0.3%  | 0.2%  | 0.3%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  |
| 16 Medical Supls. and Eqmnt. | 8.8%  | 10.9% | 11.4% | 13.0% | 11.5% | 13.7% | 12.9% | 6.7%  | 8.8%  | 9.0%  | 9.8%  | 10.1% | 10.5% | 9.6%  |
| 17 Medical Liens             | 0.0%  | 0.1%  | 0.1%  | 0.0%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 18 Dental Services           | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.1%  | 0.0%  | 0.1%  | 0.0%  | 0.0%  | 0.2%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  |
| 19 Copy Services             | ---   | ---   | 0.7%  | 1.4%  | 1.4%  | 1.6%  | 2.0%  | ---   | ---   | 0.5%  | 0.8%  | 0.4%  | 0.9%  | 1.0%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Distribution of Paid Medical Transaction by Procedure Type

|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 12.0% | 12.5% | 12.2% | 12.7% | 17.6% | 12.6% | 11.5% | 16.2% | 20.7% | 21.3% | 22.0% | 24.3% | 22.8% | 22.5% |
| 2 Surgery                    | 13.8% | 12.0% | 8.8%  | 7.1%  | 7.9%  | 5.2%  | 6.2%  | 15.1% | 13.9% | 11.9% | 11.3% | 7.8%  | 7.3%  | 8.8%  |
| 3 Physical Medicine          | 8.3%  | 10.2% | 10.9% | 10.2% | 12.3% | 9.9%  | 8.9%  | 11.7% | 16.3% | 16.7% | 16.2% | 16.6% | 15.6% | 16.9% |
| 4 Radiology                  | 6.8%  | 5.8%  | 4.5%  | 4.2%  | 5.0%  | 3.5%  | 3.1%  | 7.7%  | 7.8%  | 6.3%  | 6.1%  | 6.6%  | 5.7%  | 5.4%  |
| 5 Special Services & Reports | 2.9%  | 11.2% | 1.8%  | 1.1%  | 1.6%  | 12.0% | 0.8%  | 3.2%  | 2.4%  | 1.8%  | 1.8%  | 1.9%  | 1.7%  | 1.7%  |
| 6 Medicine                   | 2.6%  | 1.3%  | 1.1%  | 1.2%  | 1.8%  | 1.2%  | 1.0%  | 2.4%  | 1.3%  | 1.4%  | 0.9%  | 1.5%  | 1.5%  | 0.9%  |
| 7 Pathology & Laboratory     | 1.5%  | 0.5%  | 0.3%  | 0.2%  | 0.1%  | 0.1%  | 0.1%  | 0.5%  | 0.2%  | 0.2%  | 0.1%  | 0.1%  | 0.2%  | 0.0%  |
| 8 Anesthesia                 | 1.6%  | 1.3%  | 1.0%  | 0.9%  | 0.9%  | 0.7%  | 0.8%  | 1.6%  | 1.6%  | 1.4%  | 1.1%  | 0.9%  | 0.8%  | 0.9%  |
| 9 Acupuncture                | 0.5%  | 0.5%  | 0.6%  | 0.6%  | 1.0%  | 0.8%  | 0.8%  | 0.5%  | 0.7%  | 0.9%  | 0.9%  | 1.1%  | 1.2%  | 1.2%  |
| 10 Chiropractic              | 0.3%  | 0.4%  | 0.4%  | 0.4%  | 0.6%  | 0.3%  | 0.3%  | 0.5%  | 0.5%  | 0.5%  | 0.5%  | 0.6%  | 0.4%  | 0.5%  |
| 11 Other Physician Services  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 50.5% | 55.8% | 41.6% | 38.7% | 48.7% | 46.3% | 33.5% | 59.4% | 65.5% | 62.4% | 60.9% | 61.3% | 57.1% | 58.9% |
| 12 Pharmaceuticals           | 6.1%  | 4.5%  | 2.9%  | 3.0%  | 1.6%  | 0.8%  | 0.5%  | 5.3%  | 3.9%  | 3.3%  | 2.3%  | 1.4%  | 0.9%  | 1.2%  |
| 13 Hospital - Inpatient      | 19.7% | 20.6% | 23.9% | 26.9% | 19.0% | 19.9% | 36.8% | 18.6% | 9.2%  | 10.3% | 12.5% | 9.3%  | 14.7% | 12.9% |
| 14 Hospital - Outpatient     | 11.6% | 9.5%  | 19.1% | 12.8% | 16.8% | 21.1% | 17.1% | 8.8%  | 15.0% | 15.1% | 15.4% | 17.6% | 15.6% | 19.3% |
| 15 Medical-Legal Evaluations | 1.7%  | 1.3%  | 1.8%  | 2.9%  | 2.6%  | 2.0%  | 1.8%  | 0.8%  | 1.3%  | 1.4%  | 1.3%  | 0.9%  | 1.8%  | 0.9%  |
| 16 Medical Supls. and Eqmnt. | 9.6%  | 7.6%  | 9.8%  | 14.5% | 9.7%  | 8.6%  | 9.1%  | 7.1%  | 4.9%  | 5.4%  | 5.5%  | 8.8%  | 8.6%  | 5.5%  |
| 17 Medical Liens             | 0.3%  | 0.6%  | 0.2%  | 0.0%  | 0.1%  | 0.1%  | 0.1%  | 0.0%  | 0.2%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.1%  |
| 18 Dental Services           | 0.5%  | 0.2%  | 0.2%  | 0.1%  | 0.2%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 1.4%  | 1.3%  | 0.2%  | 0.2%  | 0.2%  |
| 19 Copy Services             | ---   | ---   | 0.6%  | 1.1%  | 1.4%  | 1.1%  | 1.1%  | ---   | ---   | 0.6%  | 1.0%  | 0.5%  | 1.1%  | 1.0%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Note: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

Source: WCIRB Unit Statistical Report (USR) for paid ALAE and medical transaction data for accident years from policy years at 2nd report level.

**ALAE and Medical Fee Schedule - By Injury Type: Temporary Disability Only**  
 Percent Share of Claim Counts and Medical Transactions

| Accident Year                            | Nontrivial ALAE |         |         |         |         |         |         | Low ALAE |         |         |         |         |         |         |
|------------------------------------------|-----------------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|
|                                          | 2013            | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2013     | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    |
| Average Paid ALAE per Claim              | \$3,507         | \$3,607 | \$3,902 | \$4,129 | \$4,403 | \$4,397 | \$4,392 | \$277    | \$285   | \$267   | \$264   | \$269   | \$293   | \$280   |
| Share of Claim Counts                    | 30%             | 30%     | 31%     | 28%     | 32%     | 35%     | 37%     | 68%      | 69%     | 68%     | 71%     | 67%     | 64%     | 63%     |
| Number of Medical Transactions per Claim | 57.9            | 56.6    | 59.1    | 61.2    | 58.6    | 55.7    | 51.3    | 35.2     | 32.2    | 30.2    | 29.5    | 28.7    | 27.8    | 24.0    |
| Share of Medical Transactions            | 42%             | 43%     | 47%     | 45%     | 49%     | 52%     | 56%     | 57%      | 56%     | 53%     | 55%     | 51%     | 47%     | 44%     |
| Average Medical Services Paid per Claim  | \$5,308         | \$5,105 | \$5,733 | \$6,002 | \$6,185 | \$5,980 | \$6,569 | \$2,190  | \$2,276 | \$2,210 | \$2,248 | \$2,437 | \$2,241 | \$2,216 |

Distribution of Number of Medical Transactions by Procedure Type

|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 15.4% | 14.6% | 15.2% | 15.7% | 16.3% | 17.1% | 17.7% | 18.6% | 19.3% | 19.5% | 20.1% | 21.0% | 21.1% | 22.7% |
| 2 Surgery                    | 2.4%  | 2.2%  | 2.3%  | 2.1%  | 2.1%  | 2.0%  | 2.0%  | 2.2%  | 1.9%  | 1.7%  | 1.8%  | 1.7%  | 1.7%  | 1.7%  |
| 3 Physical Medicine          | 38.5% | 40.4% | 38.4% | 38.1% | 38.6% | 38.9% | 37.6% | 35.9% | 36.8% | 37.1% | 36.1% | 35.0% | 36.8% | 34.7% |
| 4 Radiology                  | 5.1%  | 5.2%  | 5.2%  | 5.2%  | 5.4%  | 5.4%  | 5.4%  | 5.3%  | 5.5%  | 5.6%  | 5.5%  | 5.7%  | 5.8%  | 6.0%  |
| 5 Special Services & Reports | 11.3% | 8.8%  | 9.0%  | 9.9%  | 10.0% | 10.2% | 11.0% | 13.4% | 11.3% | 10.9% | 11.5% | 12.1% | 12.3% | 12.9% |
| 6 Medicine                   | 2.8%  | 1.5%  | 1.6%  | 1.4%  | 1.4%  | 1.3%  | 1.3%  | 2.2%  | 1.0%  | 1.0%  | 1.0%  | 1.1%  | 1.0%  | 1.1%  |
| 7 Pathology & Laboratory     | 2.2%  | 2.6%  | 1.9%  | 1.4%  | 0.9%  | 1.0%  | 1.1%  | 1.4%  | 1.4%  | 1.2%  | 0.9%  | 0.8%  | 0.7%  | 0.6%  |
| 8 Anesthesia                 | 0.3%  | 0.3%  | 0.4%  | 0.3%  | 0.4%  | 0.4%  | 0.3%  | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 0.3%  | 0.2%  | 0.2%  |
| 9 Acupuncture                | 1.1%  | 2.3%  | 2.3%  | 2.6%  | 2.9%  | 3.2%  | 3.3%  | 1.1%  | 1.6%  | 1.9%  | 1.9%  | 2.0%  | 2.4%  | 1.9%  |
| 10 Chiropractic              | 1.5%  | 1.5%  | 1.3%  | 1.5%  | 1.3%  | 1.7%  | 1.8%  | 1.4%  | 1.2%  | 1.6%  | 1.4%  | 1.4%  | 1.5%  | 1.4%  |
| 11 Other Physician Services  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 80.8% | 79.4% | 77.6% | 78.1% | 79.3% | 81.1% | 81.5% | 81.5% | 80.3% | 80.8% | 80.4% | 81.0% | 83.5% | 83.2% |
| 12 Pharmaceuticals           | 9.9%  | 8.8%  | 7.5%  | 7.3%  | 5.7%  | 3.6%  | 2.8%  | 9.9%  | 8.9%  | 7.5%  | 6.9%  | 6.1%  | 3.9%  | 3.2%  |
| 13 Hospital - Inpatient      | 0.6%  | 0.8%  | 1.2%  | 0.6%  | 0.8%  | 1.0%  | 1.1%  | 0.2%  | 0.6%  | 0.4%  | 0.4%  | 0.4%  | 0.3%  | 0.5%  |
| 14 Hospital - Outpatient     | 1.2%  | 1.0%  | 2.9%  | 2.2%  | 2.5%  | 1.8%  | 1.5%  | 1.5%  | 1.4%  | 1.9%  | 2.2%  | 2.3%  | 1.9%  | 1.8%  |
| 15 Medical-Legal Evaluations | 0.1%  | 0.1%  | 0.1%  | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.1%  | 0.1%  | 0.1%  |
| 16 Medical Supls. and Eqmnt. | 7.3%  | 9.9%  | 10.2% | 11.2% | 10.7% | 11.6% | 11.3% | 6.7%  | 8.6%  | 9.3%  | 9.9%  | 9.8%  | 10.1% | 10.5% |
| 17 Medical Liens             | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 18 Dental Services           | 0.1%  | 0.0%  | 0.1%  | 0.1%  | 0.0%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.1%  | 0.2%  |
| 19 Copy Services             | ---   | ---   | 0.4%  | 0.4%  | 0.6%  | 0.7%  | 1.4%  | ---   | ---   | 0.1%  | 0.1%  | 0.1%  | 0.2%  | 0.4%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Distribution of Paid Medical Transaction by Procedure Type

|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 17.7% | 18.7% | 18.7% | 19.9% | 19.9% | 21.2% | 18.7% | 26.8% | 29.9% | 31.5% | 32.2% | 31.6% | 34.0% | 31.7% |
| 2 Surgery                    | 16.1% | 15.3% | 10.4% | 9.9%  | 10.3% | 9.1%  | 8.9%  | 11.8% | 12.6% | 10.0% | 9.4%  | 8.2%  | 7.5%  | 7.6%  |
| 3 Physical Medicine          | 12.0% | 16.8% | 14.5% | 14.3% | 14.1% | 14.9% | 14.1% | 14.0% | 17.0% | 18.6% | 17.9% | 15.9% | 17.9% | 17.7% |
| 4 Radiology                  | 9.2%  | 7.5%  | 6.2%  | 6.0%  | 5.3%  | 5.5%  | 4.9%  | 9.1%  | 7.8%  | 6.9%  | 6.2%  | 5.7%  | 6.3%  | 5.5%  |
| 5 Special Services & Reports | 3.9%  | 2.4%  | 1.7%  | 1.7%  | 1.5%  | 1.5%  | 1.6%  | 4.3%  | 2.8%  | 2.2%  | 2.2%  | 2.1%  | 2.3%  | 2.2%  |
| 6 Medicine                   | 3.0%  | 1.5%  | 1.7%  | 1.5%  | 1.7%  | 1.5%  | 1.2%  | 2.3%  | 1.0%  | 1.1%  | 1.1%  | 1.2%  | 1.2%  | 1.1%  |
| 7 Pathology & Laboratory     | 1.6%  | 0.8%  | 0.4%  | 0.3%  | 0.1%  | 0.1%  | 0.2%  | 0.6%  | 0.3%  | 0.3%  | 0.2%  | 0.1%  | 0.1%  | 0.1%  |
| 8 Anesthesia                 | 1.3%  | 1.3%  | 1.2%  | 1.0%  | 1.0%  | 1.0%  | 0.7%  | 1.1%  | 1.1%  | 0.9%  | 0.9%  | 0.8%  | 0.6%  | 0.6%  |
| 9 Acupuncture                | 0.6%  | 0.9%  | 0.9%  | 1.0%  | 1.1%  | 1.2%  | 1.2%  | 0.8%  | 0.8%  | 1.0%  | 1.0%  | 0.9%  | 1.2%  | 0.9%  |
| 10 Chiropractic              | 0.6%  | 0.5%  | 0.5%  | 0.6%  | 0.5%  | 0.6%  | 0.5%  | 0.7%  | 0.6%  | 0.8%  | 0.7%  | 0.7%  | 0.7%  | 0.6%  |
| 11 Other Physician Services  | 0.0%  | 0.2%  | 0.2%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 66.2% | 65.9% | 56.3% | 56.2% | 55.7% | 56.5% | 52.0% | 71.4% | 73.9% | 73.5% | 71.8% | 67.2% | 71.9% | 67.9% |
| 12 Pharmaceuticals           | 7.5%  | 5.4%  | 4.6%  | 3.2%  | 1.9%  | 1.0%  | 0.8%  | 5.9%  | 4.3%  | 3.4%  | 2.9%  | 1.9%  | 1.0%  | 0.7%  |
| 13 Hospital - Inpatient      | 10.1% | 11.9% | 14.1% | 10.4% | 15.5% | 14.9% | 21.5% | 6.1%  | 8.1%  | 6.5%  | 6.1%  | 8.8%  | 6.2%  | 10.6% |
| 14 Hospital - Outpatient     | 6.4%  | 6.7%  | 13.7% | 19.1% | 16.4% | 15.6% | 13.4% | 9.0%  | 6.9%  | 8.8%  | 11.8% | 15.2% | 13.0% | 11.3% |
| 15 Medical-Legal Evaluations | 1.5%  | 1.8%  | 2.5%  | 2.4%  | 2.6%  | 2.3%  | 2.3%  | 0.8%  | 0.5%  | 0.5%  | 0.4%  | 0.7%  | 1.0%  | 1.0%  |
| 16 Medical Supls. and Eqmnt. | 8.0%  | 8.1%  | 7.5%  | 7.7%  | 6.8%  | 8.3%  | 8.7%  | 6.3%  | 5.6%  | 6.8%  | 6.5%  | 5.7%  | 6.0%  | 6.8%  |
| 17 Medical Liens             | 0.0%  | 0.1%  | 0.5%  | 0.0%  | 0.2%  | 0.0%  | 0.0%  | 0.0%  | 0.2%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.1%  |
| 18 Dental Services           | 0.3%  | 0.1%  | 0.4%  | 0.5%  | 0.3%  | 0.6%  | 0.1%  | 0.5%  | 0.6%  | 0.3%  | 0.3%  | 0.4%  | 0.7%  | 1.1%  |
| 19 Copy Services             | ---   | ---   | 0.4%  | 0.5%  | 0.6%  | 0.6%  | 1.2%  | ---   | ---   | 0.2%  | 0.1%  | 0.2%  | 0.3%  | 0.5%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Note: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

Source: WCIRB Unit Statistical Report (USR) for paid ALAE and medical transaction data for accident years from policy years at 2nd report level.

**ALAE and Medical Fee Schedule - By Injury Type: Medical-Only**  
 Percent Share of Claim Counts and Medical Transactions

| Accident Year                            | Nontrivial ALAE |         |         |         |         |         |         | Low ALAE |       |       |       |       |       |       |
|------------------------------------------|-----------------|---------|---------|---------|---------|---------|---------|----------|-------|-------|-------|-------|-------|-------|
|                                          | 2013            | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2013     | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  |
| Average Paid ALAE per Claim              | \$2,091         | \$2,108 | \$2,048 | \$2,211 | \$2,393 | \$2,368 | \$2,373 | \$107    | \$114 | \$116 | \$118 | \$116 | \$126 | \$119 |
| Share of Claim Counts                    | 3%              | 4%      | 4%      | 2%      | 3%      | 4%      | 4%      | 93%      | 93%   | 93%   | 96%   | 95%   | 95%   | 95%   |
| Number of Medical Transactions per Claim | 42.1            | 37.0    | 39.1    | 47.7    | 38.1    | 40.1    | 34.8    | 16.9     | 14.0  | 13.5  | 14.0  | 12.6  | 12.4  | 11.5  |
| Share of Medical Transactions            | 8%              | 9%      | 11%     | 8%      | 10%     | 12%     | 12%     | 90%      | 90%   | 88%   | 92%   | 90%   | 87%   | 87%   |
| Average Medical Services Paid per Claim  | \$2,218         | \$2,156 | \$2,455 | \$2,990 | \$2,532 | \$2,694 | \$2,583 | \$751    | \$772 | \$797 | \$839 | \$829 | \$835 | \$809 |

Distribution of Number of Medical Transactions by Procedure Type

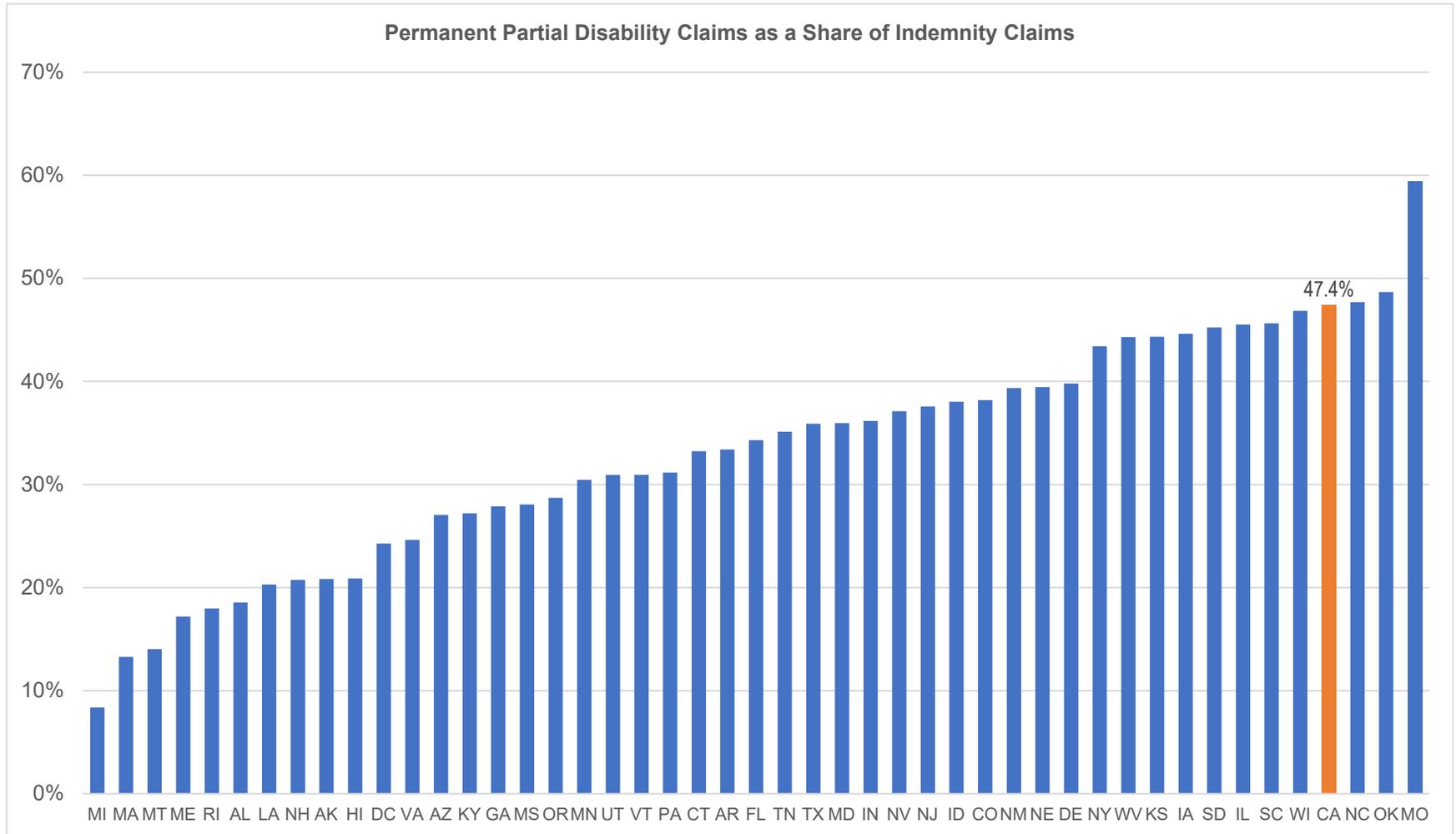
|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 16.6% | 16.6% | 17.4% | 17.1% | 17.9% | 18.1% | 19.5% | 21.4% | 23.8% | 23.7% | 23.6% | 24.8% | 25.2% | 26.4% |
| 2 Surgery                    | 1.5%  | 1.0%  | 1.1%  | 1.1%  | 1.0%  | 1.0%  | 0.9%  | 2.2%  | 2.0%  | 1.9%  | 1.6%  | 1.7%  | 1.7%  | 1.9%  |
| 3 Physical Medicine          | 39.9% | 40.6% | 41.8% | 40.8% | 39.1% | 40.9% | 39.1% | 29.6% | 29.9% | 30.4% | 30.2% | 28.0% | 29.8% | 28.3% |
| 4 Radiology                  | 4.6%  | 4.8%  | 4.7%  | 4.0%  | 4.4%  | 4.7%  | 4.6%  | 5.0%  | 5.8%  | 5.8%  | 5.8%  | 6.3%  | 6.3%  | 6.4%  |
| 5 Special Services & Reports | 12.1% | 9.4%  | 10.1% | 10.3% | 10.4% | 10.8% | 12.3% | 15.7% | 12.3% | 12.0% | 11.9% | 12.5% | 12.7% | 13.0% |
| 6 Medicine                   | 3.7%  | 1.7%  | 1.0%  | 1.0%  | 1.1%  | 1.2%  | 1.3%  | 2.8%  | 1.4%  | 1.3%  | 1.4%  | 1.8%  | 1.6%  | 1.8%  |
| 7 Pathology & Laboratory     | 2.0%  | 1.8%  | 0.9%  | 0.7%  | 0.2%  | 0.4%  | 0.4%  | 1.9%  | 1.9%  | 1.7%  | 1.7%  | 1.4%  | 1.5%  | 1.5%  |
| 8 Anesthesia                 | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 9 Acupuncture                | 1.1%  | 2.4%  | 2.4%  | 4.7%  | 3.7%  | 4.3%  | 4.4%  | 0.5%  | 0.8%  | 1.1%  | 1.4%  | 1.4%  | 1.5%  | 1.6%  |
| 10 Chiropractic              | 2.0%  | 1.6%  | 1.9%  | 2.3%  | 1.8%  | 2.5%  | 2.3%  | 1.2%  | 1.3%  | 1.4%  | 1.5%  | 1.2%  | 1.5%  | 1.4%  |
| 11 Other Physician Services  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 83.8% | 79.9% | 81.5% | 82.2% | 79.7% | 83.8% | 84.7% | 80.3% | 79.1% | 79.2% | 79.1% | 79.1% | 81.8% | 82.4% |
| 12 Pharmaceuticals           | 7.9%  | 8.0%  | 6.5%  | 6.0%  | 5.5%  | 3.2%  | 2.4%  | 10.0% | 10.0% | 8.8%  | 8.1%  | 7.6%  | 4.9%  | 3.7%  |
| 13 Hospital - Inpatient      | 0.2%  | 0.2%  | 0.1%  | 0.4%  | 0.2%  | 0.0%  | 0.2%  | 0.0%  | 0.0%  | 0.1%  | 0.0%  | 0.1%  | 0.1%  | 0.1%  |
| 14 Hospital - Outpatient     | 1.3%  | 1.6%  | 1.9%  | 1.5%  | 2.3%  | 1.5%  | 1.0%  | 1.3%  | 1.3%  | 1.7%  | 1.7%  | 2.2%  | 1.9%  | 1.7%  |
| 15 Medical-Legal Evaluations | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 16 Medical Supls. and Eqmnt. | 6.7%  | 10.1% | 9.6%  | 9.3%  | 11.4% | 11.0% | 11.2% | 8.2%  | 9.3%  | 10.0% | 10.7% | 10.8% | 11.1% | 11.9% |
| 17 Medical Liens             | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 18 Dental Services           | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.1%  | 0.0%  | 0.1%  | 0.2%  | 0.2%  | 0.1%  | 0.2%  | 0.1%  | 0.1%  | 0.2%  |
| 19 Copy Services             | ---   | ---   | 0.3%  | 0.5%  | 0.6%  | 0.3%  | 0.4%  | ---   | ---   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.1%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Distribution of Paid Medical Transaction by Procedure Type

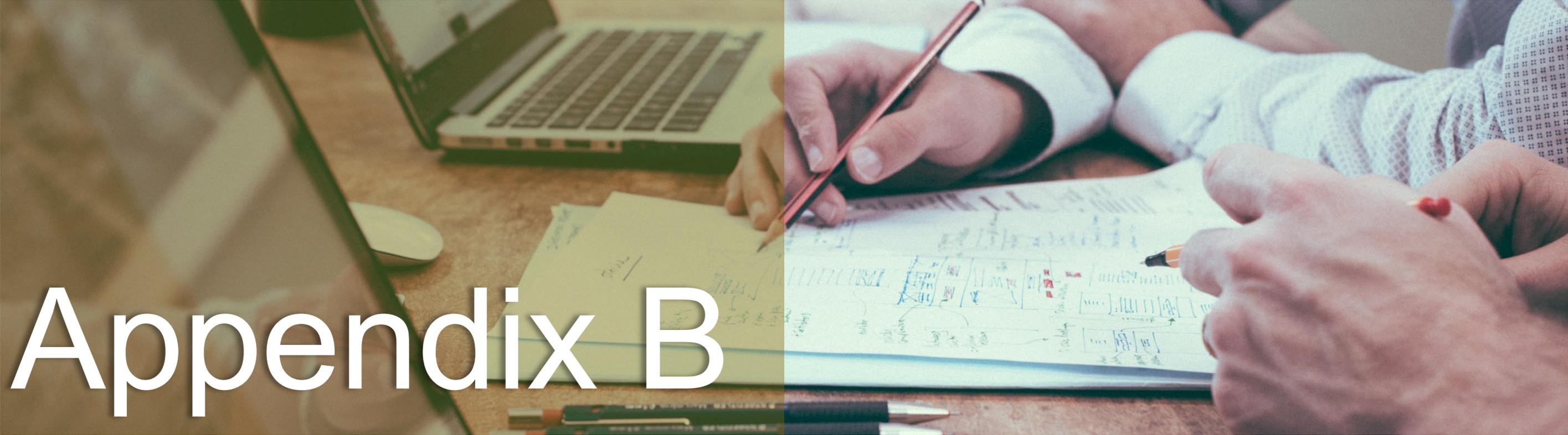
|                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Evaluation & Management    | 28.4% | 32.1% | 33.3% | 33.5% | 35.0% | 36.0% | 35.1% | 42.7% | 48.5% | 47.9% | 48.7% | 50.0% | 50.1% | 48.5% |
| 2 Surgery                    | 3.6%  | 2.4%  | 3.0%  | 2.7%  | 2.1%  | 1.8%  | 1.2%  | 3.0%  | 4.4%  | 4.0%  | 2.9%  | 2.6%  | 2.8%  | 2.9%  |
| 3 Physical Medicine          | 18.5% | 20.8% | 22.8% | 22.0% | 20.7% | 22.3% | 24.3% | 15.2% | 17.2% | 18.0% | 18.4% | 15.2% | 16.8% | 19.1% |
| 4 Radiology                  | 11.8% | 10.6% | 8.3%  | 7.2%  | 7.2%  | 7.6%  | 7.1%  | 8.1%  | 7.7%  | 6.5%  | 6.1%  | 5.7%  | 6.0%  | 5.7%  |
| 5 Special Services & Reports | 4.8%  | 2.9%  | 2.5%  | 2.7%  | 3.0%  | 2.6%  | 3.0%  | 6.0%  | 3.3%  | 2.9%  | 2.9%  | 2.7%  | 2.8%  | 2.6%  |
| 6 Medicine                   | 5.8%  | 2.7%  | 1.6%  | 2.2%  | 2.0%  | 1.8%  | 1.8%  | 2.6%  | 1.2%  | 1.1%  | 1.2%  | 1.6%  | 1.3%  | 1.2%  |
| 7 Pathology & Laboratory     | 1.8%  | 0.5%  | 0.2%  | 0.2%  | 0.1%  | 0.1%  | 0.2%  | 0.9%  | 0.6%  | 0.5%  | 0.5%  | 0.4%  | 0.4%  | 0.4%  |
| 8 Anesthesia                 | 0.3%  | 0.3%  | 0.2%  | 0.3%  | 0.2%  | 0.2%  | 0.1%  | 0.1%  | 0.0%  | 0.1%  | 0.1%  | 0.0%  | 0.0%  | 0.0%  |
| 9 Acupuncture                | 1.0%  | 1.4%  | 1.4%  | 3.0%  | 2.2%  | 2.7%  | 3.0%  | 0.5%  | 0.5%  | 0.7%  | 0.9%  | 0.9%  | 0.9%  | 1.1%  |
| 10 Chiropractic              | 1.2%  | 0.9%  | 1.1%  | 1.3%  | 0.9%  | 1.4%  | 1.2%  | 0.8%  | 0.7%  | 0.9%  | 0.9%  | 0.7%  | 0.9%  | 0.8%  |
| 11 Other Physician Services  | 0.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| Physician Services           | 77.3% | 74.6% | 74.5% | 75.1% | 73.4% | 76.4% | 76.9% | 80.1% | 84.3% | 82.6% | 82.5% | 79.8% | 82.0% | 82.5% |
| 12 Pharmaceuticals           | 7.5%  | 5.4%  | 4.3%  | 3.3%  | 2.3%  | 1.7%  | 0.8%  | 6.4%  | 4.7%  | 4.2%  | 4.1%  | 3.4%  | 1.8%  | 1.5%  |
| 13 Hospital - Inpatient      | 1.8%  | 3.5%  | 2.7%  | 6.3%  | 2.9%  | 1.0%  | 2.9%  | 0.6%  | 0.5%  | 0.6%  | 0.6%  | 1.2%  | 1.0%  | 0.7%  |
| 14 Hospital - Outpatient     | 3.7%  | 7.5%  | 8.6%  | 6.8%  | 10.8% | 8.9%  | 7.9%  | 3.9%  | 3.0%  | 4.5%  | 4.5%  | 7.5%  | 7.0%  | 6.8%  |
| 15 Medical-Legal Evaluations | 2.4%  | 2.7%  | 2.5%  | 1.6%  | 1.3%  | 2.8%  | 3.1%  | 0.2%  | 0.3%  | 0.3%  | 0.2%  | 0.4%  | 0.3%  | 0.2%  |
| 16 Medical Supls. and Eqmnt. | 7.1%  | 5.9%  | 7.0%  | 5.9%  | 7.6%  | 8.7%  | 7.1%  | 6.9%  | 5.7%  | 6.8%  | 6.2%  | 6.5%  | 6.8%  | 6.7%  |
| 17 Medical Liens             | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |
| 18 Dental Services           | 0.1%  | 0.4%  | 0.0%  | 0.1%  | 0.7%  | 0.1%  | 0.6%  | 1.9%  | 1.6%  | 1.1%  | 1.8%  | 1.0%  | 1.1%  | 1.4%  |
| 19 Copy Services             | ---   | ---   | 0.4%  | 0.9%  | 1.0%  | 0.4%  | 0.5%  | ---   | ---   | 0.0%  | 0.1%  | 0.1%  | 0.0%  | 0.1%  |
| All Medical Services         | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  | 100%  |

Note: Nontrivial ALAE are claims with paid ALAE greater than \$1,000. Low ALAE are claims with paid ALAE greater than \$0 and up to \$1,000.

Source: WCIRB Unit Statistical Report (USR) for paid ALAE and medical transaction data for accident years from policy years at 2nd report level.



Source: NCCI Annual Statistical Bulletin – 2021 Edition



# Appendix B

This Appendix provides the framework and detailed results of the WCIRB's study of the impact of higher frictional costs on a claim on other system components.

## Matching Pair Study of Impact of Higher ALAE Costs on Claims

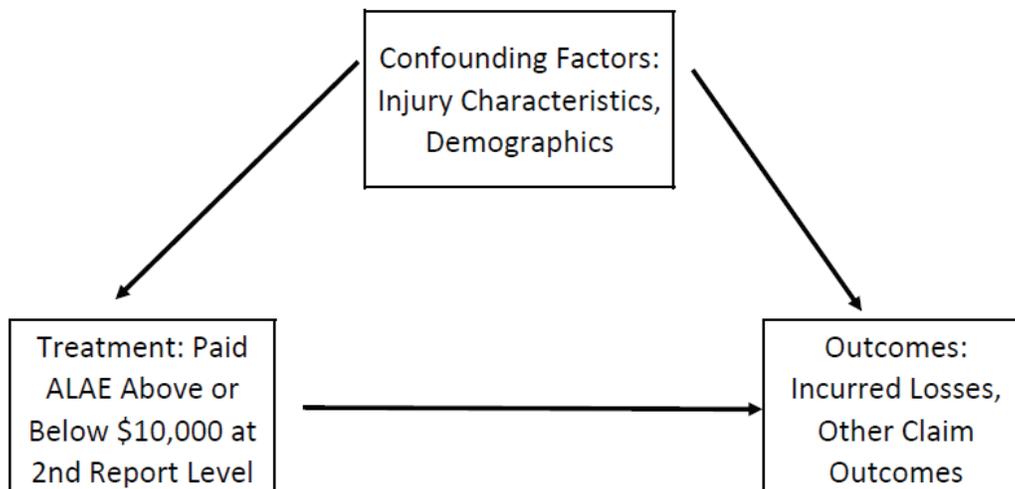
This study attempts to address the research question: How does higher paid allocated loss adjustment expenses (ALAE) on a claim impact other system components? For example, is higher ALAE costs on a claim associated with higher indemnity or medical costs?

The goal is to compare two similar groups of claims that differ primarily by the amount of paid ALAE (see diagram below for a high level overview). To identify the claims for the two groups, a pair matching algorithm is used to control for other factors that may impact the cost of a claim (i.e., “confounding factors”). For the pair matching algorithm, several paid ALAE thresholds were tested from \$1,000 to \$15,000 and at different unit statistical report levels. Ultimately, a \$10,000 threshold was selected based on 2<sup>nd</sup> report level (approximately 30 months from policy inception). That is, the group of claims with “Low ALAE” had a paid ALAE amount below \$10,000 at 2<sup>nd</sup> report level, while the claims with “High ALAE” had greater than or equal to \$10,000 paid ALAE at 2<sup>nd</sup> report level. All indemnity claims and permanent partial disability (PPD) claims were reviewed separately.

To review groups of claims with homogeneous characteristics other than the paid ALAE amount, the data was matched based on several confounding factors. The confounding factors included: accident year, geographic region, gender, age of injured worker, industry, injury type, cause of injury, and primary medical diagnosis. This information was based on WCIRB unit statistical data and medical transaction data. The groups were designed such that the distribution of each confounding factor was similar between the two groups. Exhibits B2 and B3 show the distributions of the confounding factors before and after the pair matching algorithm.

The treatment variable is the flag of paid ALAE below or above \$10,000 at 2<sup>nd</sup> report level. The claims were additionally filtered to be indemnity claims or PPD claims, exclude cumulative trauma (CT) injuries, and be open at 2<sup>nd</sup> report level.

After applying these steps, several outcome measures were compared between the two groups. The outcomes included: average or median incurred indemnity or medical losses, average permanent disability ratings, average supplemental job displacement benefits incurred, and the share of claims open at later report levels. The outcome measures are compared on Exhibits B4 to B12.



### Matching Pair Analysis - Distributions of Confounding Variables

#### All Indemnity Claims - Before Matching

| n                                | High ALAE    | Low ALAE     | p      | n                                     | High ALAE     | Low ALAE      | p      |
|----------------------------------|--------------|--------------|--------|---------------------------------------|---------------|---------------|--------|
| 38978                            | 77228        |              |        | 38978                                 | 77228         |               |        |
| <b>Geographic Region</b>         |              |              | <0.001 | <b>Industry</b>                       |               |               | <0.001 |
| Bay Area                         | 6591 (16.9)  | 13356 (17.3) |        | Administrative                        | 2430 (6.2)    | 3885 (5.0)    |        |
| Central Coast                    | 2126 (5.5)   | 4501 (5.8)   |        | Agriculture & Mining                  | 1777 (4.6)    | 5165 (6.7)    |        |
| Central Valley                   | 3050 (7.8)   | 7431 (9.6)   |        | Health                                | 2980 (7.6)    | 6006 (7.8)    |        |
| Invalid Unknown Not Applicable   | 771 (2.0)    | 1053 (1.4)   |        | Hospitality                           | 3937 (10.1)   | 8618 (11.2)   |        |
| Los Angeles County               | 13680 (35.1) | 26087 (33.8) |        | Manufacturing                         | 7004 (18.0)   | 12654 (16.4)  |        |
| Remainder of LA Basin            | 7560 (19.4)  | 13226 (17.1) |        | Others                                | 8895 (22.8)   | 20091 (26.0)  |        |
| Remaining California Zip Regions | 857 (2.2)    | 2424 (3.1)   |        | Retail                                | 4661 (12.0)   | 9157 (11.9)   |        |
| Sacramento                       | 1929 (4.9)   | 3932 (5.1)   |        | Transportation & Warehousing          | 3522 (9.0)    | 5072 (6.6)    |        |
| San Diego County                 | 2414 (6.2)   | 5218 (6.8)   |        | Utilities & Construction              | 3772 (9.7)    | 6580 (8.5)    |        |
| <b>Injury Type Name</b>          |              |              | <0.001 | <b>Gender: Male</b>                   | 22805 (58.5)  | 44731 (57.9)  | 0.056  |
| Death                            | 71 (0.2)     | 70 (0.1)     |        | <b>Accident Year</b>                  |               |               | <0.001 |
| Major                            | 10551 (27.1) | 11323 (14.7) |        | 2013                                  | 5257 (13.5)   | 10192 (13.2)  |        |
| Minor                            | 21963 (56.3) | 49040 (63.5) |        | 2014                                  | 8939 (22.9)   | 18960 (24.6)  |        |
| Permanent Total                  | 299 (0.8)    | 128 (0.2)    |        | 2015                                  | 8743 (22.4)   | 17656 (22.9)  |        |
| S-Claim                          | 13 (0.0)     | 7 (0.0)      |        | 2016                                  | 8203 (21.0)   | 16032 (20.8)  |        |
| Temporary                        | 6081 (15.6)  | 16660 (21.6) |        | 2017                                  | 7836 (20.1)   | 14388 (18.6)  |        |
| <b>Injury Cause Name</b>         |              |              | <0.001 | <b>Diagnostic Group</b>               |               |               | <0.001 |
| Burn or Scald                    | 344 (0.9)    | 579 (0.7)    |        | Dislocation & Sprain                  | 9787 (25.1)   | 20087 (26.0)  |        |
| Caught In                        | 1019 (2.6)   | 1981 (2.6)   |        | Lower Back Pain & Soft Tissue         | 7982 (20.5)   | 17229 (22.3)  |        |
| Cut or Puncture                  | 565 (1.4)    | 1729 (2.2)   |        | Minor Wounds                          | 1582 (4.1)    | 3810 (4.9)    |        |
| Fall or Slip                     | 10224 (26.2) | 18436 (23.9) |        | Multiple Injuries                     | 13257 (34.0)  | 23525 (30.5)  |        |
| Motor Vehicle                    | 1801 (4.6)   | 2821 (3.7)   |        | Other                                 | 6370 (16.3)   | 12577 (16.3)  |        |
| Other                            | 3827 (9.8)   | 9226 (11.9)  |        | <b>Modified Pure Premium Interval</b> |               |               | <0.001 |
| Strain                           | 16243 (41.7) | 33780 (43.7) |        | \$0 - \$99,999                        | 5711 (14.7)   | 19094 (24.7)  |        |
| Struck                           | 4955 (12.7)  | 8676 (11.2)  |        | \$100,000 - \$999,999                 | 11199 (28.7)  | 15362 (19.9)  |        |
|                                  |              |              |        | \$1,000,000 - \$4,999,999             | 10996 (28.2)  | 23947 (31.0)  |        |
|                                  |              |              |        | \$5,000,000 or More                   | 11072 (28.4)  | 18825 (24.4)  |        |
|                                  |              |              |        | <b>Age: Mean &amp; SD</b>             | 46.51 (11.72) | 46.12 (12.04) | <0.001 |

#### All Indemnity Claims – After Matching

| n                                | High ALAE    | Low ALAE     | p      | n                                     | High ALAE     | Low ALAE      | p      |
|----------------------------------|--------------|--------------|--------|---------------------------------------|---------------|---------------|--------|
| 38978                            | 38978        |              |        | 38978                                 | 38978         |               |        |
| <b>Geographic Region</b>         |              |              | 0.306  | <b>Industry</b>                       |               |               | 0.687  |
| Bay Area                         | 6591 (16.9)  | 6538 (16.8)  |        | Administrative                        | 2430 (6.2)    | 2408 (6.2)    |        |
| Central Coast                    | 2126 (5.5)   | 2107 (5.4)   |        | Agriculture & Mining                  | 1777 (4.6)    | 1821 (4.7)    |        |
| Central Valley                   | 3050 (7.8)   | 3126 (8.0)   |        | Health                                | 2980 (7.6)    | 2939 (7.5)    |        |
| Invalid Unknown Not Applicable   | 771 (2.0)    | 705 (1.8)    |        | Hospitality                           | 3937 (10.1)   | 3975 (10.2)   |        |
| Los Angeles County               | 13680 (35.1) | 13918 (35.7) |        | Manufacturing                         | 7004 (18.0)   | 7058 (18.1)   |        |
| Remainder of LA Basin            | 7560 (19.4)  | 7381 (18.9)  |        | Others                                | 8895 (22.8)   | 9000 (23.1)   |        |
| Remaining California Zip Regions | 857 (2.2)    | 824 (2.1)    |        | Retail                                | 4661 (12.0)   | 4707 (12.1)   |        |
| Sacramento                       | 1929 (4.9)   | 1969 (5.1)   |        | Transportation & Warehousing          | 3522 (9.0)    | 3414 (8.8)    |        |
| San Diego County                 | 2414 (6.2)   | 2410 (6.2)   |        | Utilities & Construction              | 3772 (9.7)    | 3656 (9.4)    |        |
| <b>Injury Type Name</b>          |              |              | <0.001 | <b>Gender: Male</b>                   | 22805 (58.5)  | 22768 (58.4)  | 0.794  |
| Death                            | 71 (0.2)     | 62 (0.2)     |        | <b>Accident Year</b>                  |               |               | <0.001 |
| Major                            | 10551 (27.1) | 9628 (24.7)  |        | 2013                                  | 5257 (13.5)   | 4852 (12.4)   |        |
| Minor                            | 21963 (56.3) | 23040 (59.1) |        | 2014                                  | 8939 (22.9)   | 9309 (23.9)   |        |
| Permanent Total                  | 299 (0.8)    | 128 (0.3)    |        | 2015                                  | 8743 (22.4)   | 8944 (22.9)   |        |
| S-Claim                          | 13 (0.0)     | 7 (0.0)      |        | 2016                                  | 8203 (21.0)   | 8378 (21.5)   |        |
| Temporary                        | 6081 (15.6)  | 6113 (15.7)  |        | 2017                                  | 7836 (20.1)   | 7495 (19.2)   |        |
| <b>Injury Cause Name</b>         |              |              | 0.245  | <b>Diagnostic Group</b>               |               |               | 0.62   |
| Burn or Scald                    | 344 (0.9)    | 327 (0.8)    |        | Dislocation & Sprain                  | 9787 (25.1)   | 9920 (25.5)   |        |
| Caught In                        | 1019 (2.6)   | 980 (2.5)    |        | Lower Back Pain & Soft Tissue         | 7982 (20.5)   | 8033 (20.6)   |        |
| Cut or Puncture                  | 565 (1.4)    | 590 (1.5)    |        | Minor Wounds                          | 1582 (4.1)    | 1571 (4.0)    |        |
| Fall or Slip                     | 10224 (26.2) | 10150 (26.0) |        | Multiple Injuries                     | 13257 (34.0)  | 13221 (33.9)  |        |
| Motor Vehicle                    | 1801 (4.6)   | 1719 (4.4)   |        | Other                                 | 6370 (16.3)   | 6233 (16.0)   |        |
| Other                            | 3827 (9.8)   | 3792 (9.7)   |        | <b>Modified Pure Premium Interval</b> |               |               | 0.035  |
| Strain                           | 16243 (41.7) | 16585 (42.5) |        | \$0 - \$99,999                        | 5711 (14.7)   | 5861 (15.0)   |        |
| Struck                           | 4955 (12.7)  | 4835 (12.4)  |        | \$100,000 - \$999,999                 | 10996 (28.2)  | 11223 (28.8)  |        |
|                                  |              |              |        | \$1,000,000 - \$4,999,999             | 11199 (28.7)  | 11121 (28.5)  |        |
|                                  |              |              |        | \$5,000,000 or More                   | 11072 (28.4)  | 10773 (27.6)  |        |
|                                  |              |              |        | <b>Age: Mean &amp; SD</b>             | 46.51 (11.72) | 46.41 (11.99) | 0.264  |

The first value for each confounding variable is the number of claims with the characteristic. The second value (within the parenthetical) is the percent of claims with the characteristic.  
 The p-value measures the statistical significance of the distributional difference between the High ALAE and Low ALAE groups, calculated in the generalized linear model.  
 Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims.  
 Source: WCIRB unit statistical data. Cumulative trauma (CT) claims are excluded.

## Matching Pair Analysis - Distributions of Confounding Variables

### PPD Claims - Before Matching

|                                       | High ALAE     | Low ALAE      | p      |                               | High ALAE    | Low ALAE     | p      |
|---------------------------------------|---------------|---------------|--------|-------------------------------|--------------|--------------|--------|
| n                                     | 25543         | 46424         |        | n                             | 25543        | 46424        |        |
| <b>Geographic Region</b>              |               |               | <0.001 | <b>Industry</b>               |              |              | <0.001 |
| Bay Area                              | 4444 (17.4)   | 8204 (17.7)   |        | Administrative                | 1624 (6.4)   | 2297 (4.9)   |        |
| Central Coast                         | 1400 (5.5)    | 2841 (6.1)    |        | Agriculture & Mining          | 988 (3.9)    | 3393 (7.3)   |        |
| Central Valley                        | 1764 (6.9)    | 4419 (9.5)    |        | Health                        | 1985 (7.8)   | 3547 (7.6)   |        |
| Invalid Unknown Not Applicable        | 498 (1.9)     | 578 (1.2)     |        | Hospitality                   | 2601 (10.2)  | 5374 (11.6)  |        |
| Los Angeles County                    | 8930 (35.0)   | 15000 (32.3)  |        | Manufacturing                 | 4506 (17.6)  | 7540 (16.2)  |        |
| Remainder of LA Basin                 | 5104 (20.0)   | 8128 (17.5)   |        | Others                        | 5995 (23.5)  | 12007 (25.9) |        |
| Remaining California Zip Regions      | 553 (2.2)     | 1536 (3.3)    |        | Retail                        | 2683 (10.5)  | 4843 (10.4)  |        |
| Sacramento                            | 1187 (4.6)    | 2424 (5.2)    |        | Transportation & Warehousing  | 2409 (9.4)   | 2878 (6.2)   |        |
| San Diego County                      | 1663 (6.5)    | 3294 (7.1)    |        | Utilities & Construction      | 2752 (10.8)  | 4545 (9.8)   |        |
| <b>Injury Type Name: Minor</b>        | 17125 (67.0)  | 37677 (81.2)  | <0.001 | <b>Gender: Male</b>           | 15276 (59.8) | 27720 (59.7) | 0.811  |
| <b>Injury Cause Name</b>              |               |               | <0.001 | <b>Accident Year</b>          |              |              | <0.001 |
| Burn or Scald                         | 183 (0.7)     | 310 (0.7)     |        | 2013                          | 3538 (13.9)  | 6249 (13.5)  |        |
| Caught In                             | 674 (2.6)     | 1184 (2.6)    |        | 2014                          | 5930 (23.2)  | 11371 (24.5) |        |
| Cut or Puncture                       | 363 (1.4)     | 1051 (2.3)    |        | 2015                          | 5745 (22.5)  | 10619 (22.9) |        |
| Fall or Slip                          | 7051 (27.6)   | 11864 (25.6)  |        | 2016                          | 5334 (20.9)  | 9534 (20.5)  |        |
| Motor Vehicle                         | 1274 (5.0)    | 1660 (3.6)    |        | 2017                          | 4996 (19.6)  | 8651 (18.6)  |        |
| Other                                 | 2212 (8.7)    | 4935 (10.6)   |        | <b>Diagnostic Group</b>       |              |              | <0.001 |
| Strain                                | 10524 (41.2)  | 20202 (43.5)  |        | Dislocation & Sprain          | 6479 (25.4)  | 12156 (26.2) |        |
| Struck                                | 3262 (12.8)   | 5218 (11.2)   |        | Lower Back Pain & Soft Tissue | 5017 (19.6)  | 9941 (21.4)  |        |
| <b>Modified Pure Premium Interval</b> |               |               | <0.001 | Minor Wounds                  | 1026 (4.0)   | 2181 (4.7)   |        |
| \$0 - \$99,999                        | 4309 (16.9)   | 13736 (29.6)  |        | Multiple Injuries             | 9144 (35.8)  | 15102 (32.5) |        |
| \$100,000 - \$999,999                 | 7713 (30.2)   | 16008 (34.5)  |        | Other                         | 3877 (15.2)  | 7044 (15.2)  |        |
| \$1,000,000 - \$4,999,999             | 7177 (28.1)   | 8120 (17.5)   |        |                               |              |              |        |
| \$5,000,000 or More                   | 6344 (24.8)   | 8560 (18.4)   |        |                               |              |              |        |
| <b>Age: Mean &amp; SD</b>             | 46.73 (11.67) | 46.43 (11.96) | 0.001  |                               |              |              |        |

### PPD Claims – After Matching

|                                       | High ALAE     | Low ALAE      | p      |                               | High ALAE    | Low ALAE     | p     |
|---------------------------------------|---------------|---------------|--------|-------------------------------|--------------|--------------|-------|
| n                                     | 25543         | 25543         |        | n                             | 25543        | 25543        |       |
| <b>Geographic Region</b>              |               |               | 0.034  | <b>Industry</b>               |              |              | 0.469 |
| Bay Area                              | 4444 (17.4)   | 4520 (17.7)   |        | Administrative                | 1624 (6.4)   | 1563 (6.1)   |       |
| Central Coast                         | 1400 (5.5)    | 1344 (5.3)    |        | Agriculture & Mining          | 988 (3.9)    | 940 (3.7)    |       |
| Central Valley                        | 1764 (6.9)    | 1720 (6.7)    |        | Health                        | 1985 (7.8)   | 1968 (7.7)   |       |
| Invalid Unknown Not Applicable        | 498 (1.9)     | 414 (1.6)     |        | Hospitality                   | 2601 (10.2)  | 2694 (10.5)  |       |
| Los Angeles County                    | 8930 (35.0)   | 9163 (35.9)   |        | Manufacturing                 | 4506 (17.6)  | 4542 (17.8)  |       |
| Remainder of LA Basin                 | 5104 (20.0)   | 4970 (19.5)   |        | Others                        | 5995 (23.5)  | 6097 (23.9)  |       |
| Remaining California Zip Regions      | 553 (2.2)     | 514 (2.0)     |        | Retail                        | 2683 (10.5)  | 2708 (10.6)  |       |
| Sacramento                            | 1187 (4.6)    | 1206 (4.7)    |        | Transportation & Warehousing  | 2409 (9.4)   | 2304 (9.0)   |       |
| San Diego County                      | 1663 (6.5)    | 1692 (6.6)    |        | Utilities & Construction      | 2752 (10.8)  | 2727 (10.7)  |       |
| <b>Injury Type Name: Minor</b>        | 17125 (67.0)  | 18280 (71.6)  | <0.001 | <b>Gender: Male</b>           | 15276 (59.8) | 15161 (59.4) | 0.304 |
| <b>Injury Cause Name</b>              |               |               | 0.097  | <b>Accident Year</b>          |              |              | 0.009 |
| Burn or Scald                         | 183 (0.7)     | 173 (0.7)     |        | 2013                          | 3538 (13.9)  | 3320 (13.0)  |       |
| Caught In                             | 674 (2.6)     | 682 (2.7)     |        | 2014                          | 5930 (23.2)  | 6140 (24.0)  |       |
| Cut or Puncture                       | 363 (1.4)     | 356 (1.4)     |        | 2015                          | 5745 (22.5)  | 5891 (23.1)  |       |
| Fall or Slip                          | 7051 (27.6)   | 7036 (27.5)   |        | 2016                          | 5334 (20.9)  | 5298 (20.7)  |       |
| Motor Vehicle                         | 1274 (5.0)    | 1166 (4.6)    |        | 2017                          | 4996 (19.6)  | 4894 (19.2)  |       |
| Other                                 | 2212 (8.7)    | 2209 (8.6)    |        | <b>Diagnostic Group</b>       |              |              | 0.201 |
| Strain                                | 10524 (41.2)  | 10803 (42.3)  |        | Dislocation & Sprain          | 6479 (25.4)  | 6565 (25.7)  |       |
| Struck                                | 3262 (12.8)   | 3118 (12.2)   |        | Lower Back Pain & Soft Tissue | 5017 (19.6)  | 5140 (20.1)  |       |
| <b>Modified Pure Premium Interval</b> |               |               | 0.094  | Minor Wounds                  | 1026 (4.0)   | 1059 (4.1)   |       |
| \$0 - \$99,999                        | 4309 (16.9)   | 4375 (17.1)   |        | Multiple Injuries             | 9144 (35.8)  | 9051 (35.4)  |       |
| \$100,000 - \$999,999                 | 7713 (30.2)   | 7913 (31.0)   |        | Other                         | 3877 (15.2)  | 3728 (14.6)  |       |
| \$1,000,000 - \$4,999,999             | 7177 (28.1)   | 6969 (27.3)   |        |                               |              |              |       |
| \$5,000,000 or More                   | 6344 (24.8)   | 6286 (24.6)   |        |                               |              |              |       |
| <b>Age: Mean &amp; SD</b>             | 46.73 (11.67) | 46.63 (12.00) | 0.329  |                               |              |              |       |

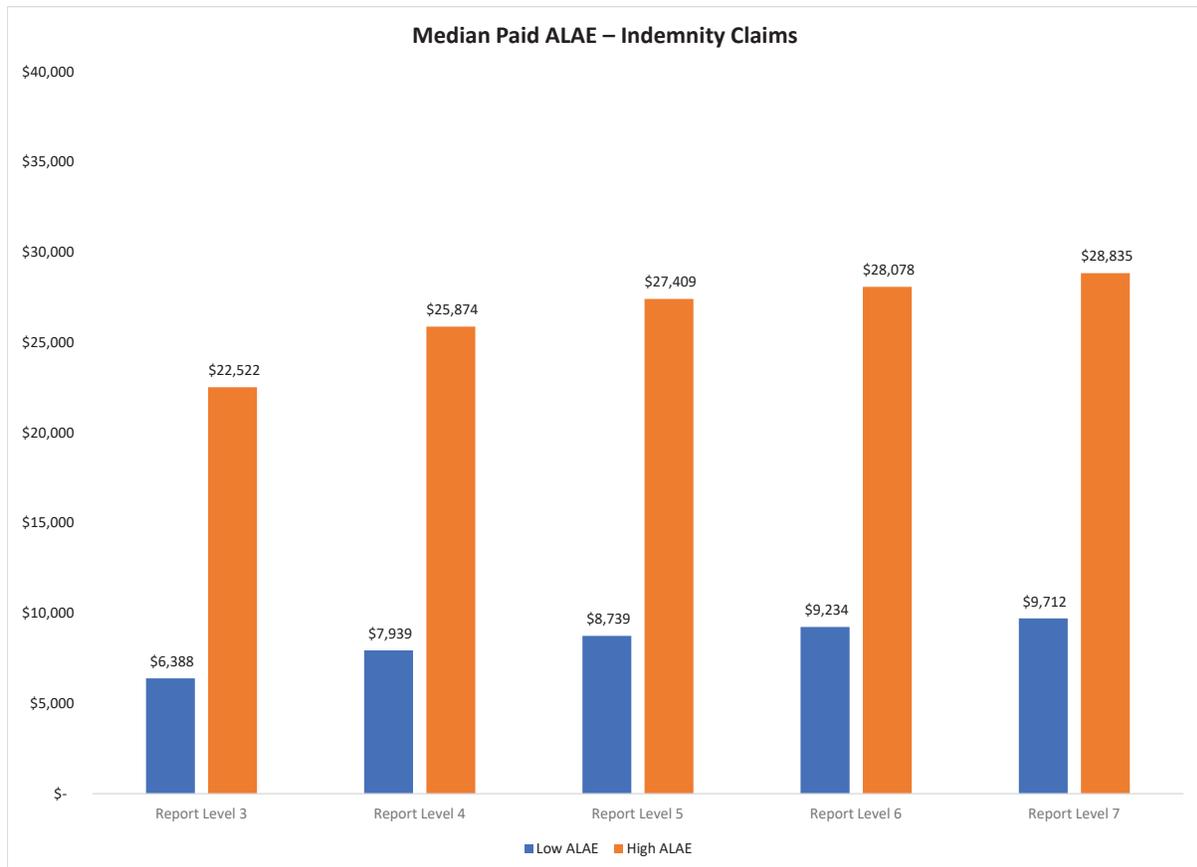
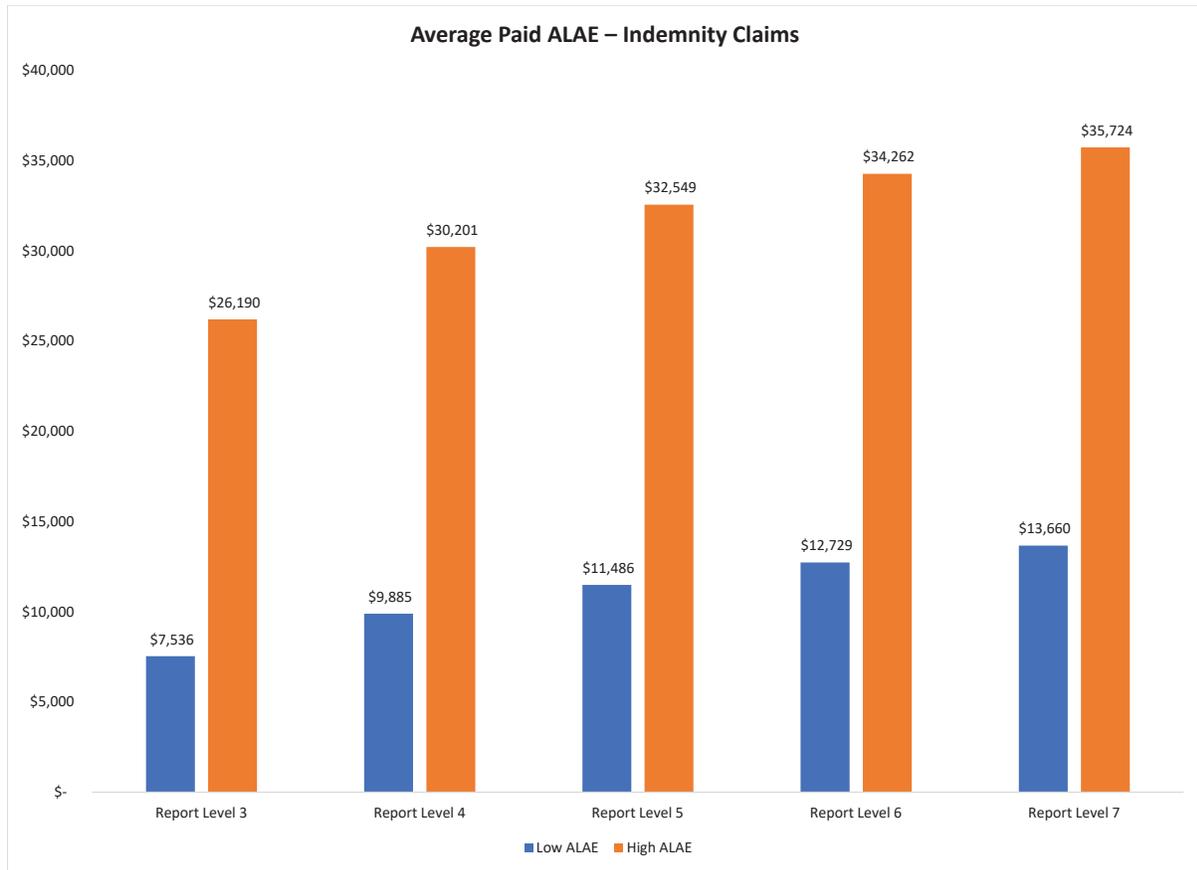
The first value for each confounding variable is the number of claims with the characteristic. The second value (within the parenthetical) is the percent of claims with the characteristic.

The p-value measures the statistical significance of the distributional difference between the High ALAE and Low ALAE groups, calculated in the generalized linear model.

Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims.

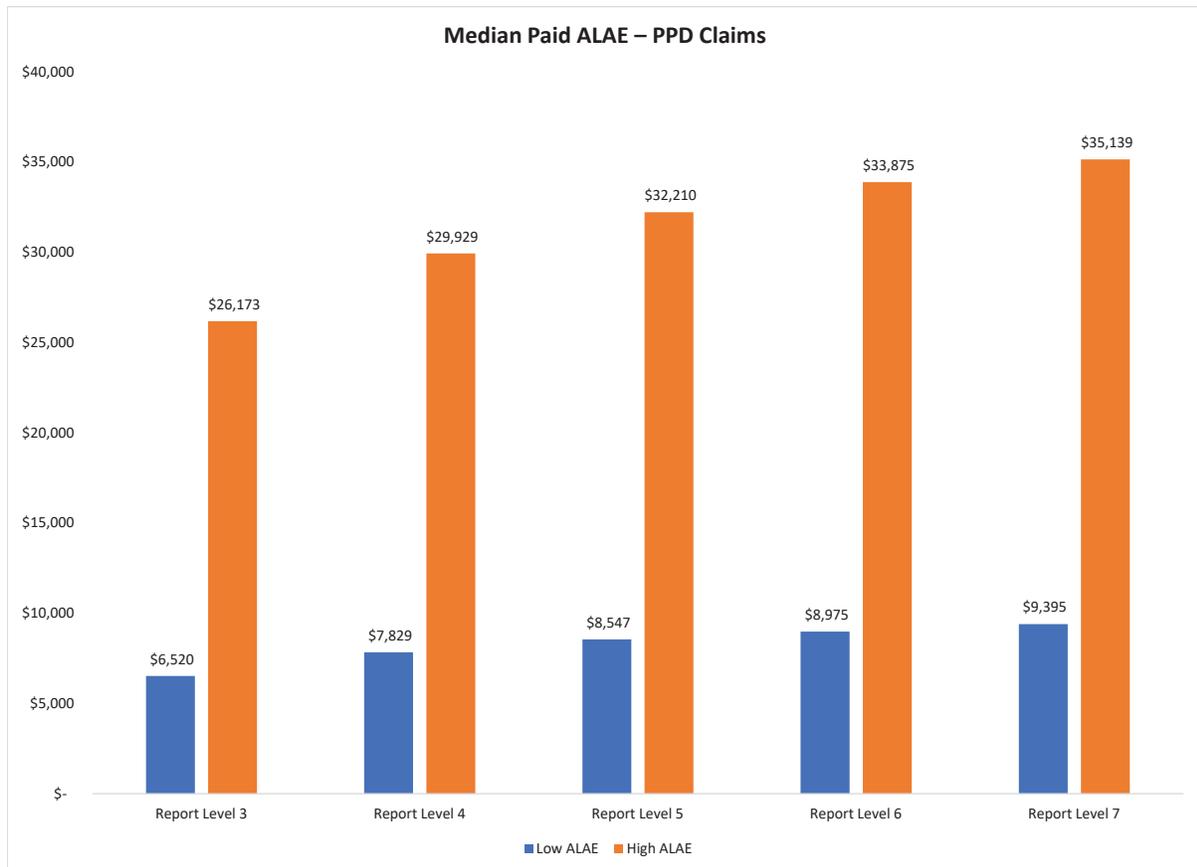
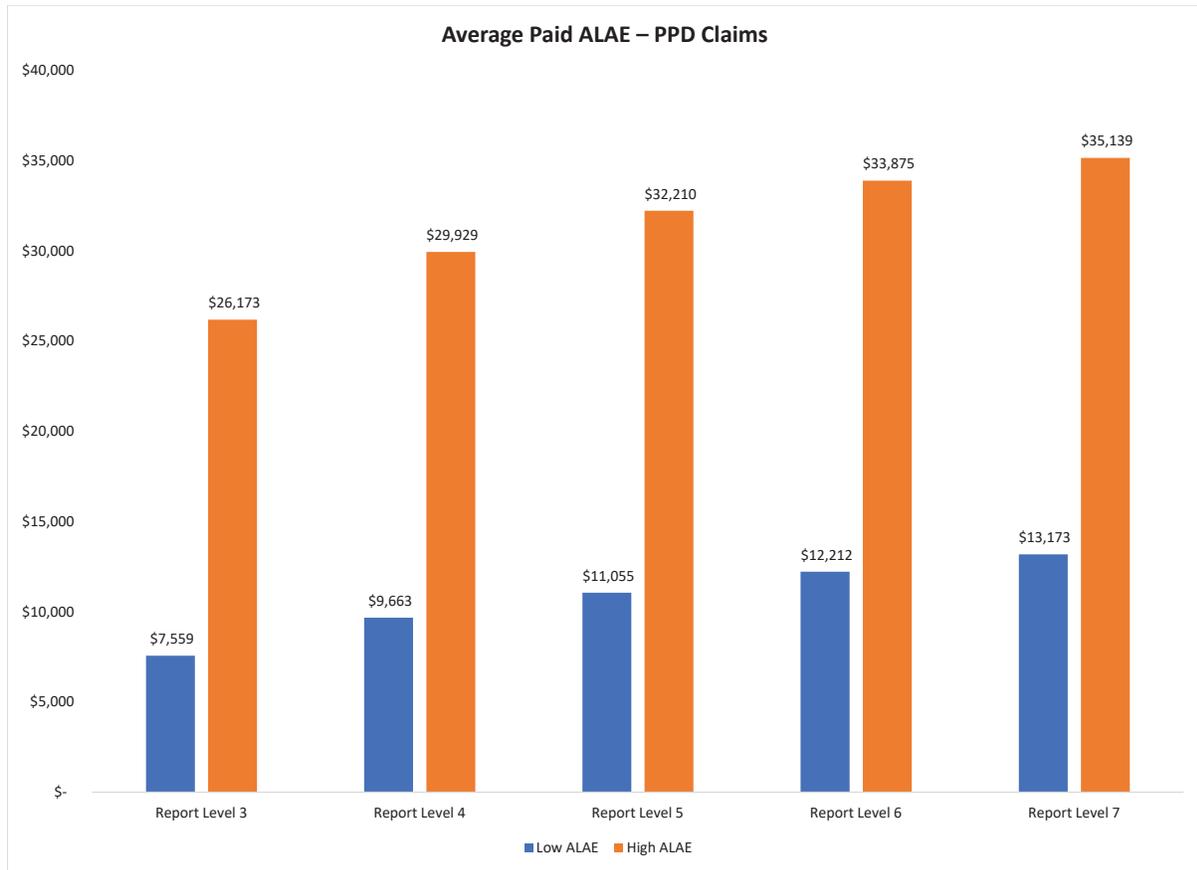
Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis – Paid ALAE Severity



Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data. Cumulative trauma (CT) claims are excluded.

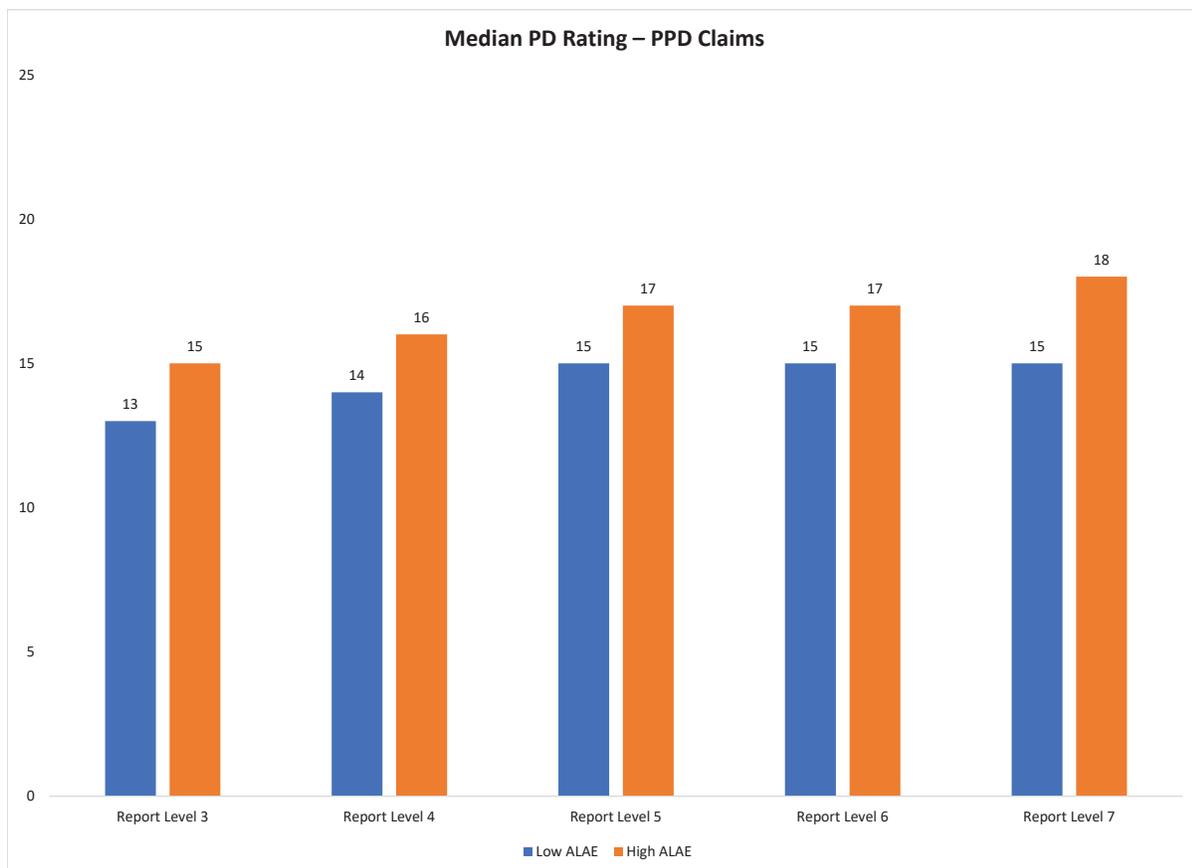
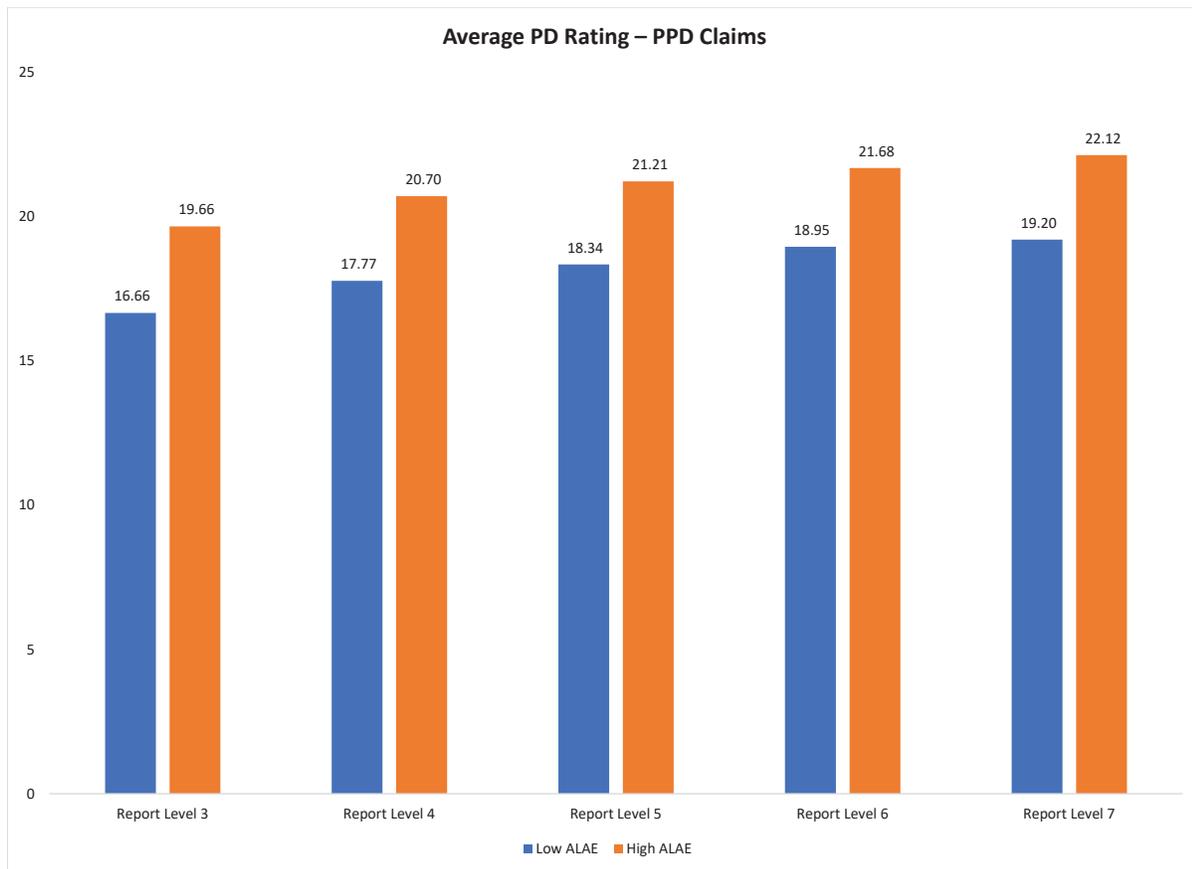
# Matching Pair Analysis – Paid ALAE Severity



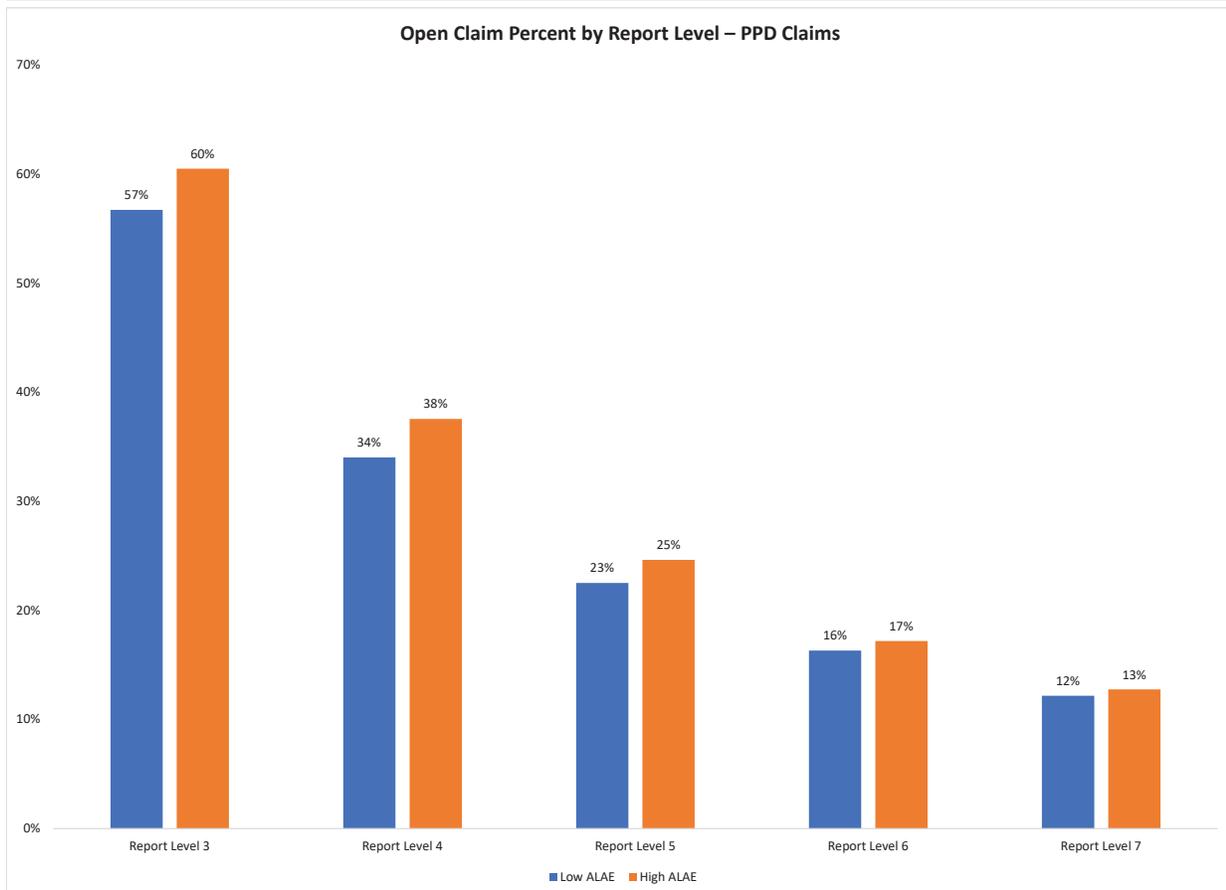
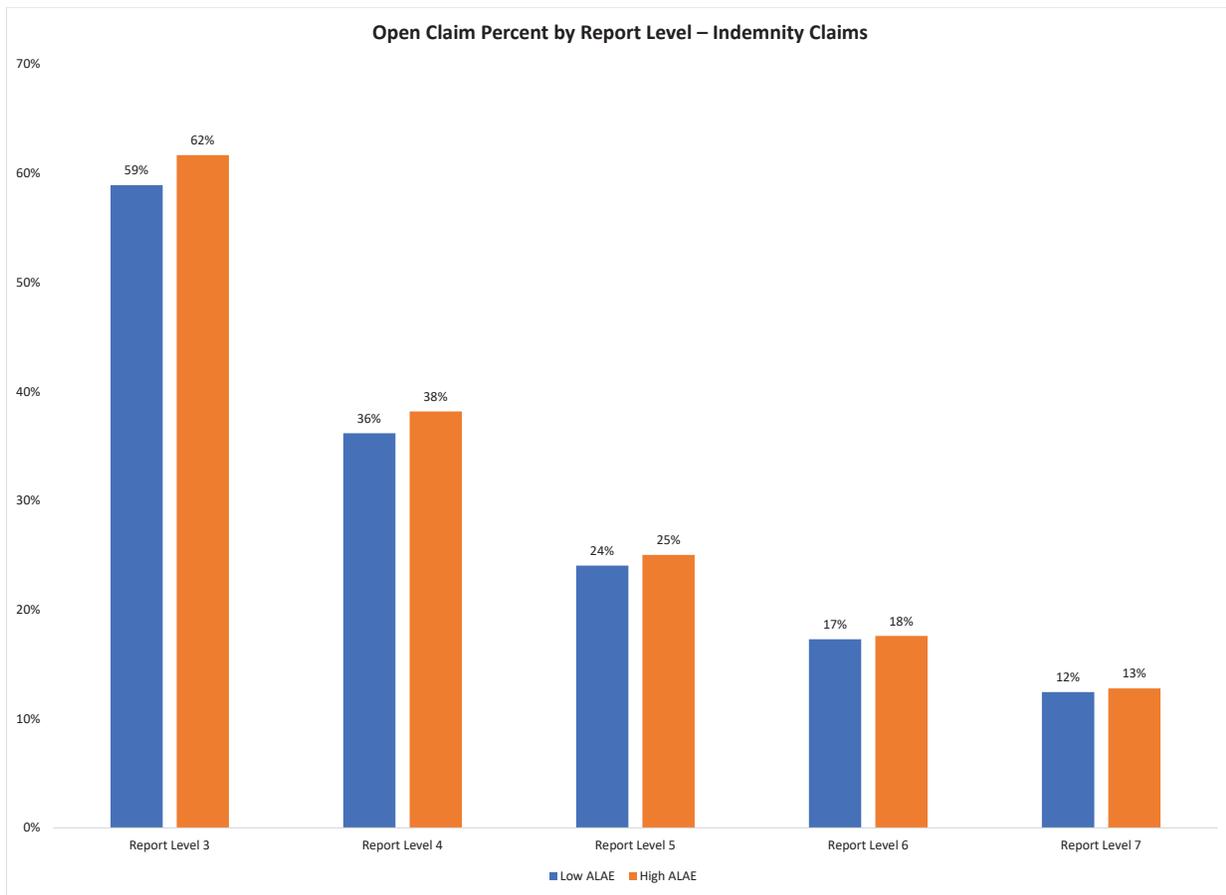
Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis - Permanent Disability (PD) Ratings

Exhibit B6

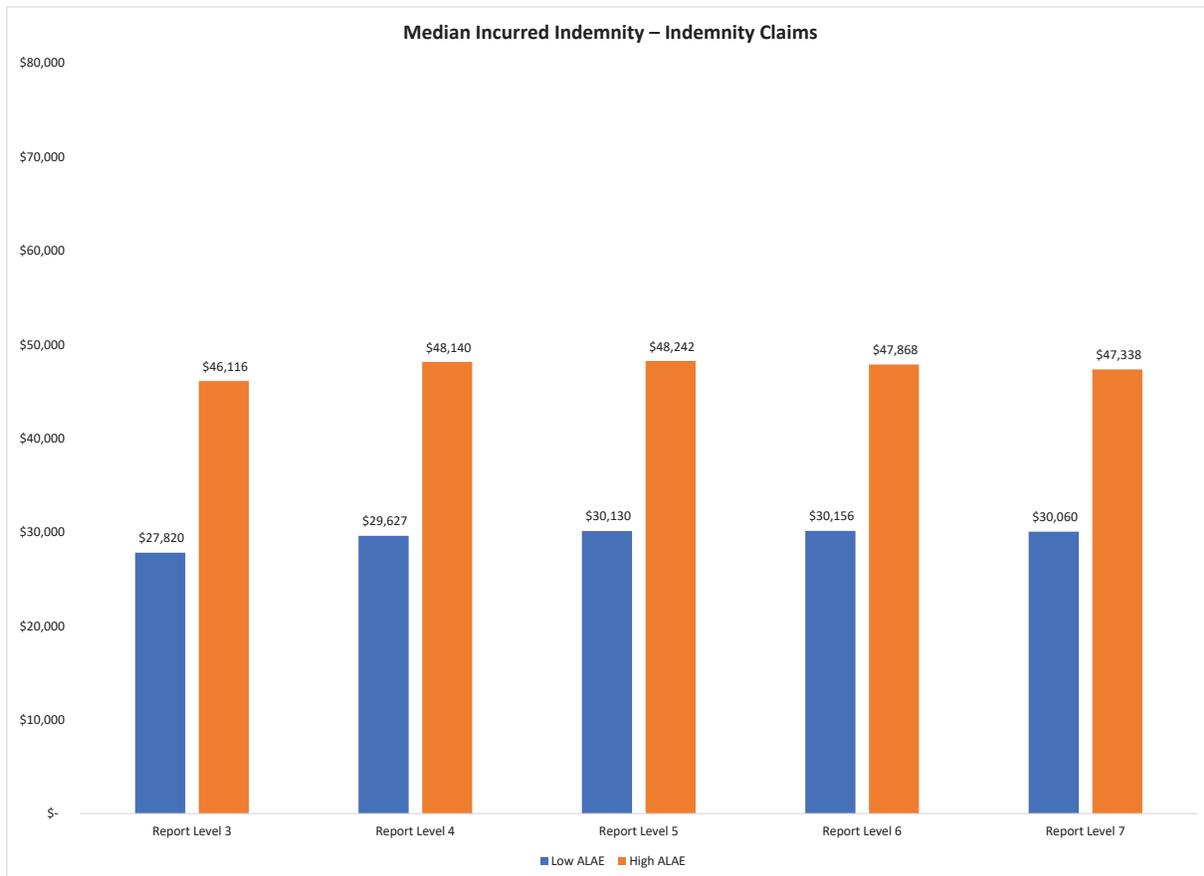
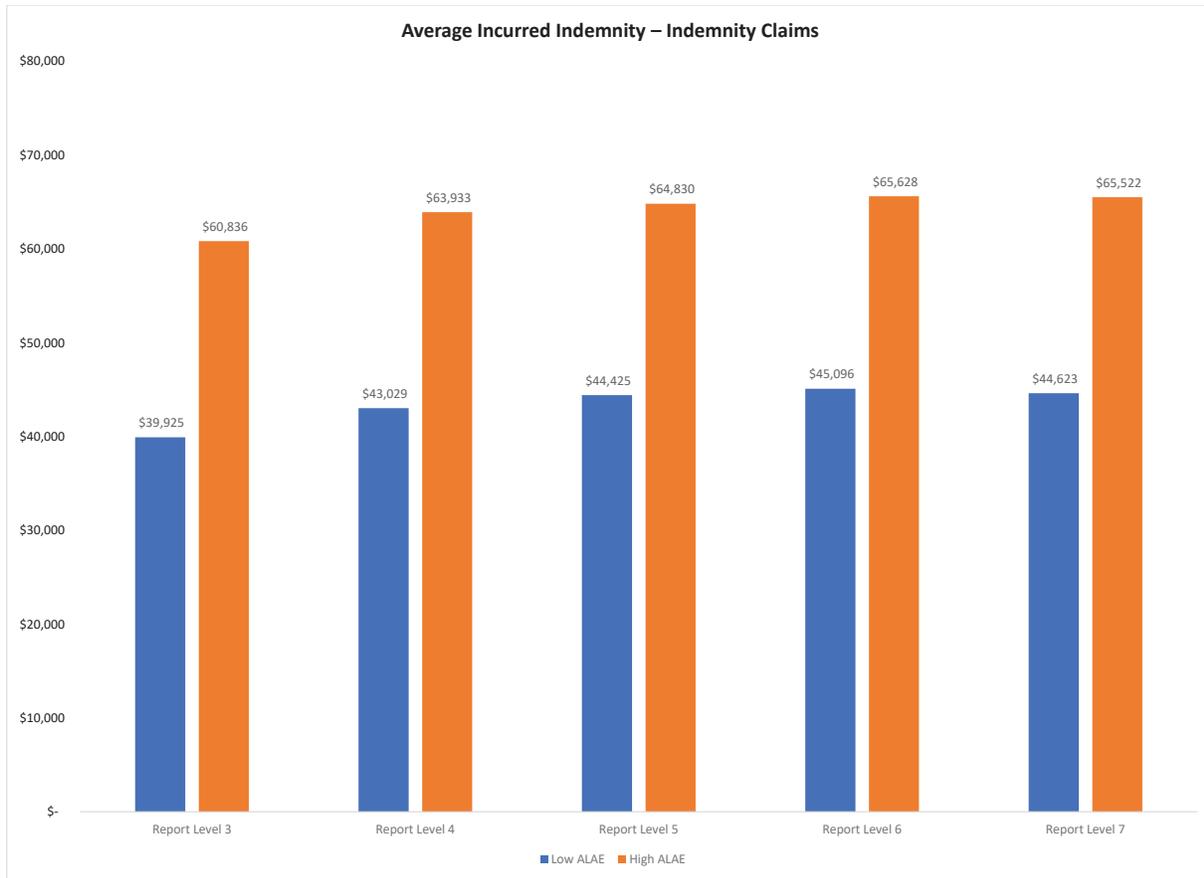


Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.



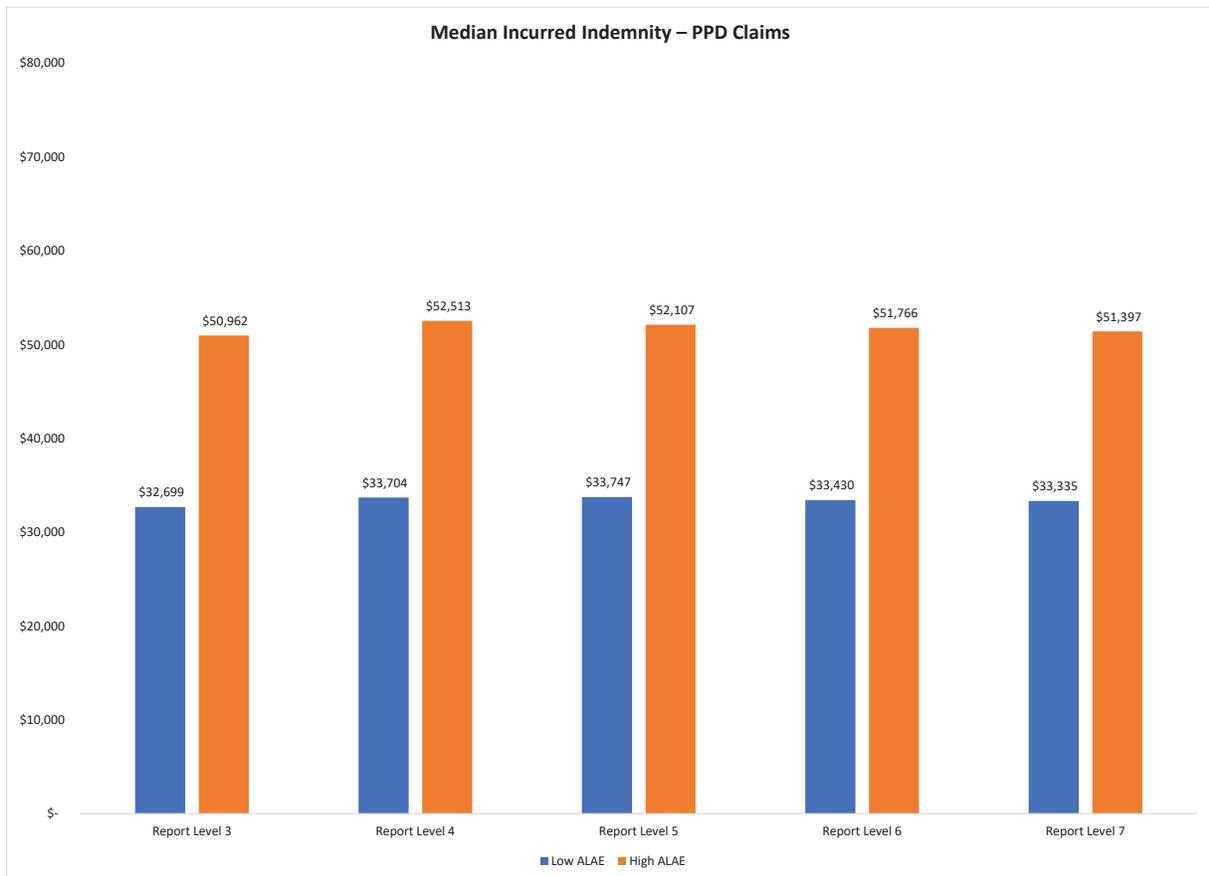
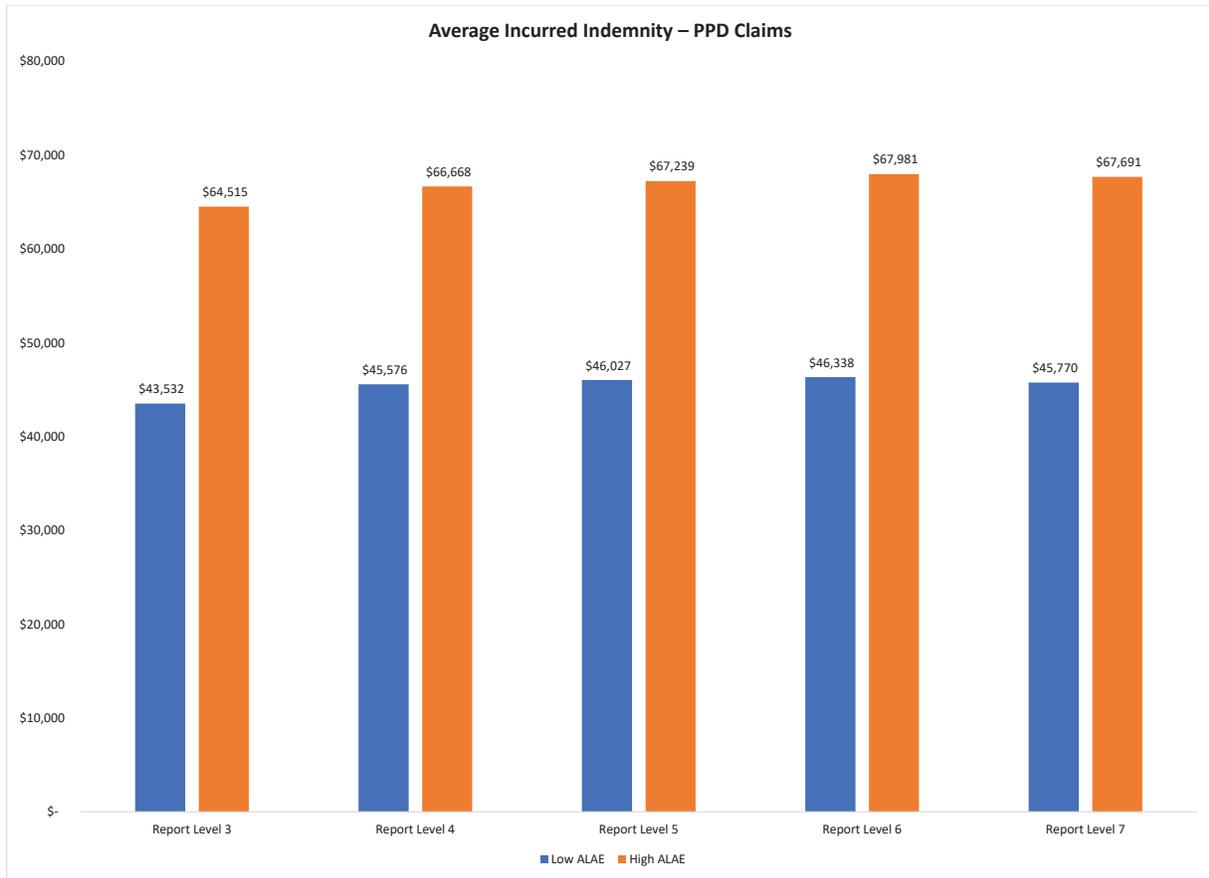
Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis – Indemnity Severity



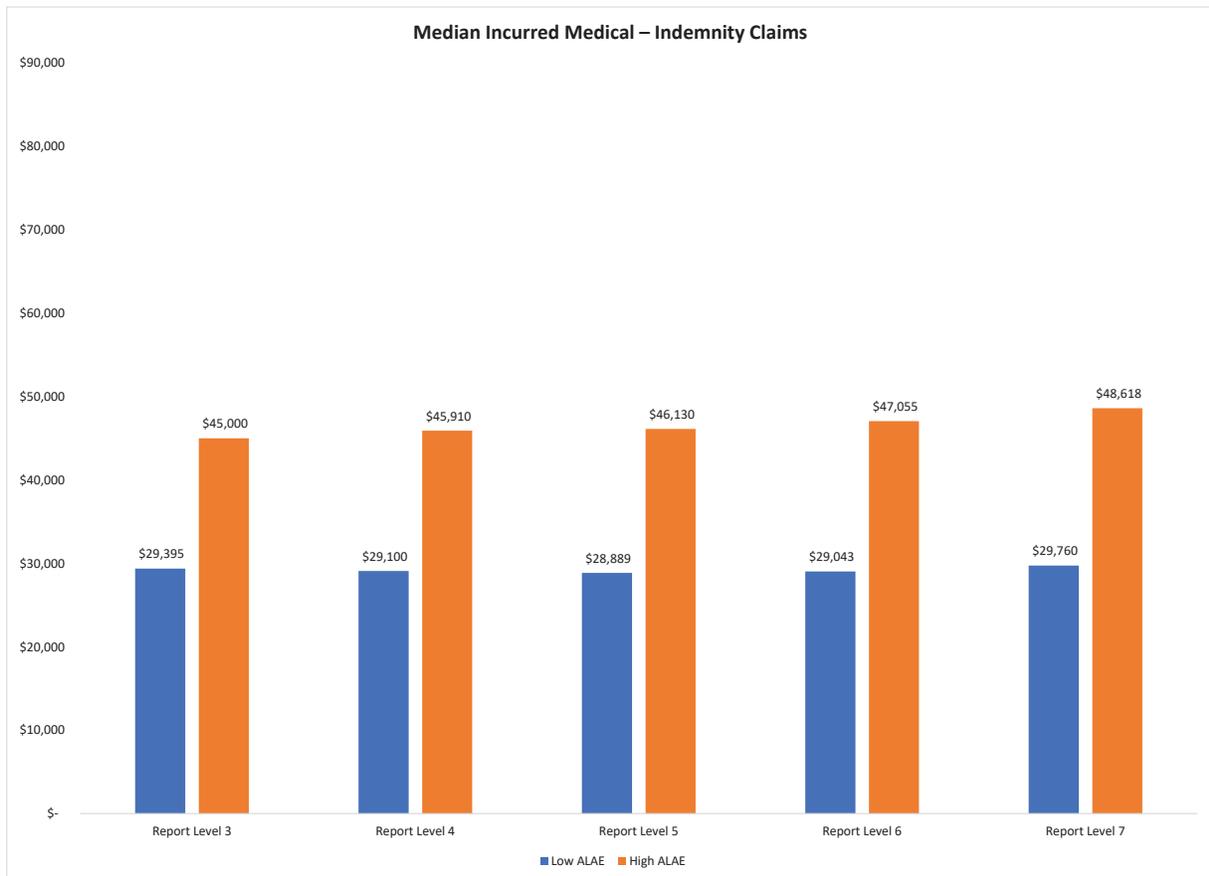
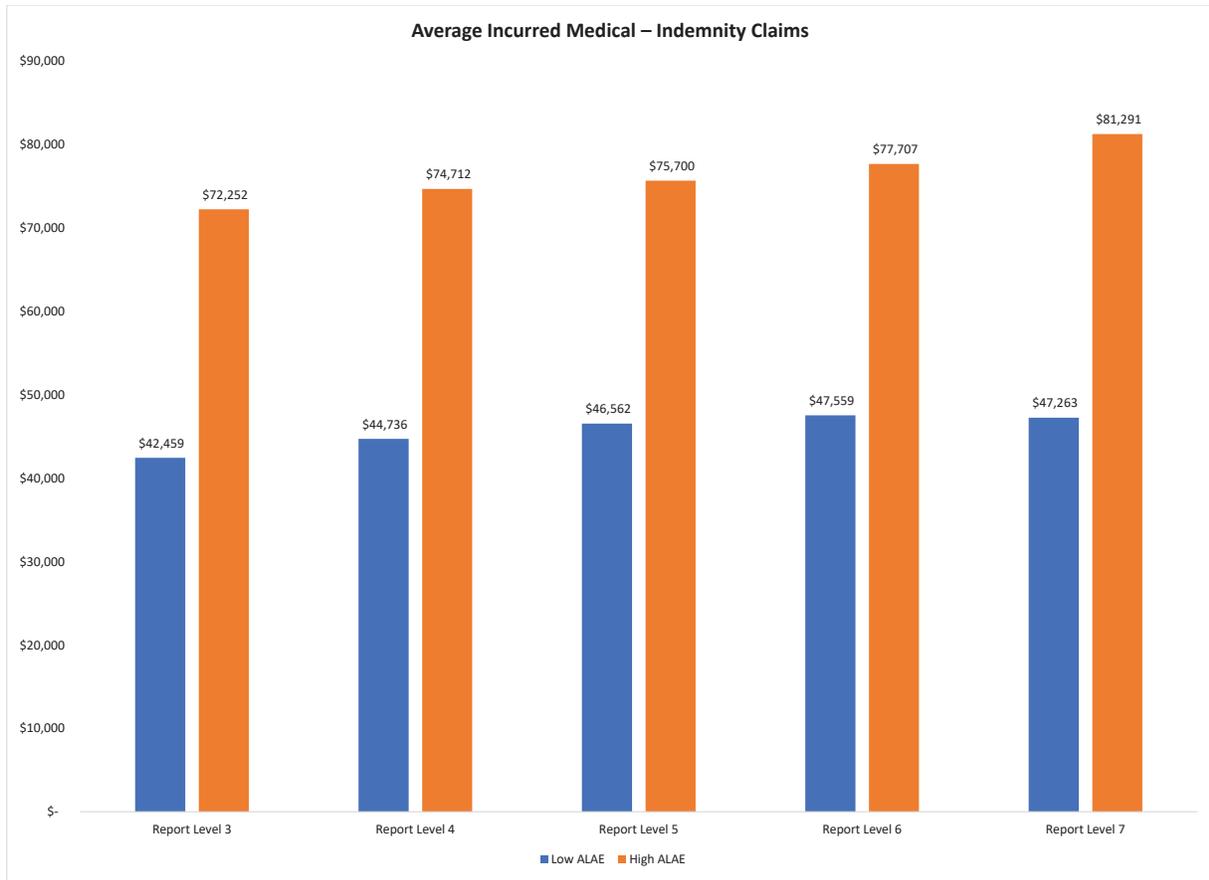
Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis – Indemnity Severity



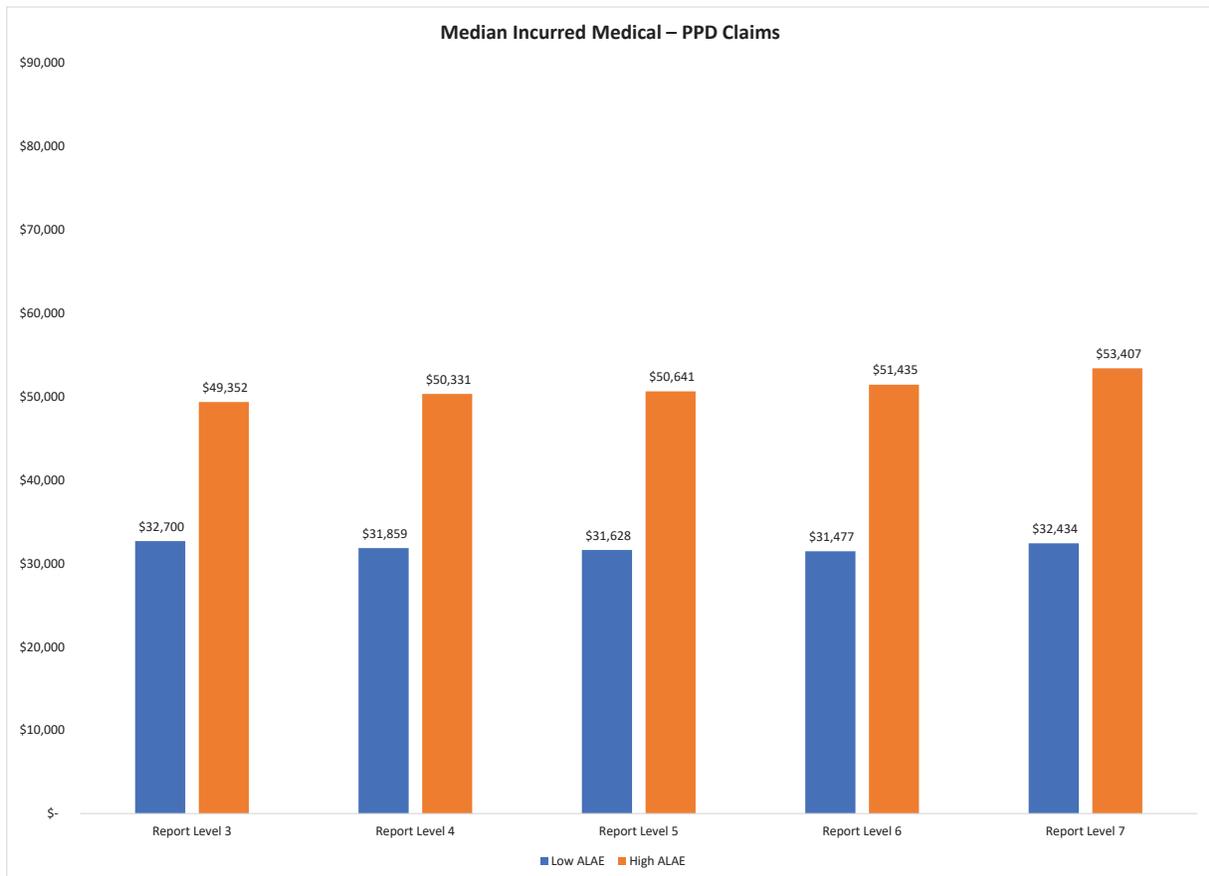
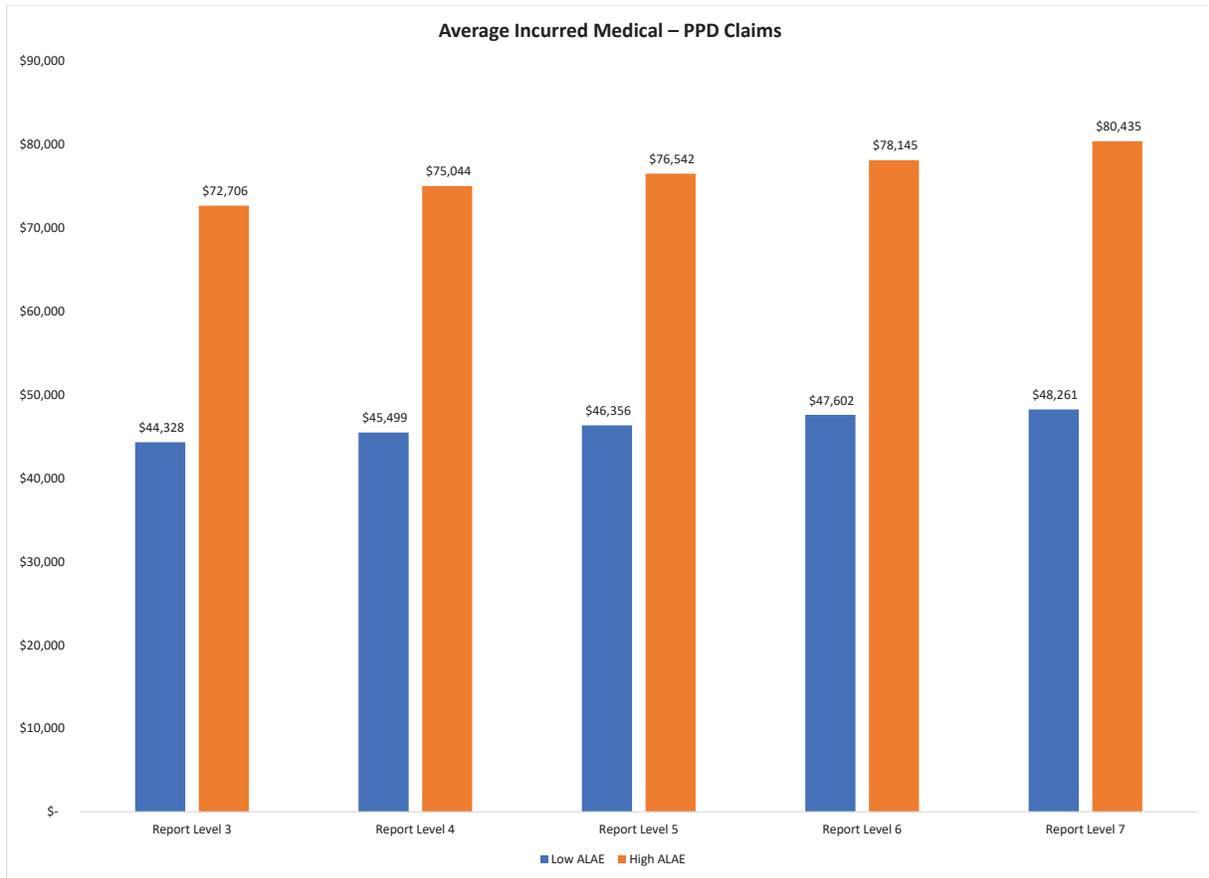
Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis – Medical Severity

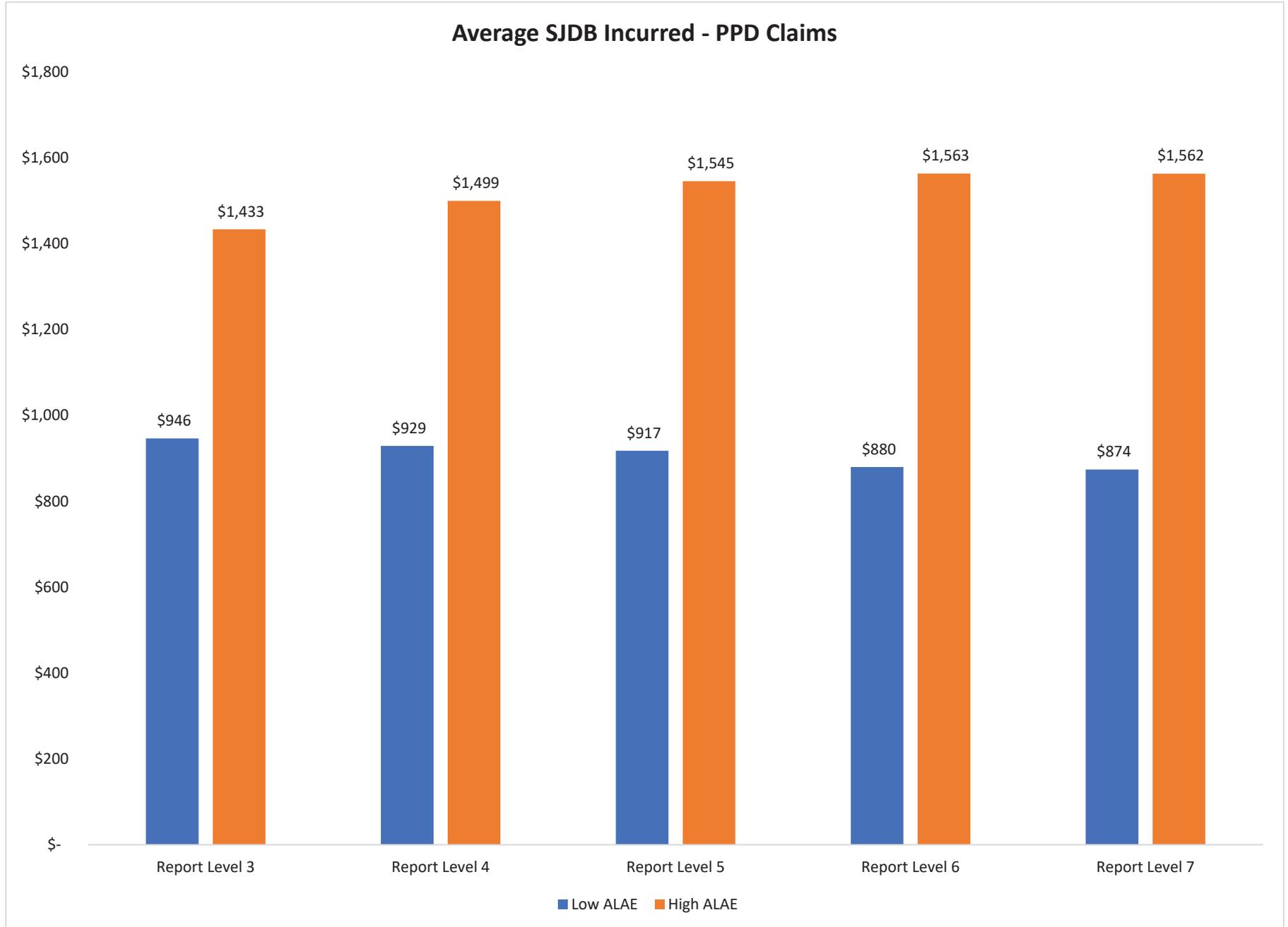


Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data. Cumulative trauma (CT) claims are excluded.

# Matching Pair Analysis – Medical Severity



Claims with paid ALAE of \$10,000 or more at second unit statistical report level were considered "High ALAE" claims. All others were considered "Low ALAE" claims. Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made. Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.



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 Each report level represents a different group of matched claims. As a result, comparisons across report levels should not be made.  
 Source: WCIRB unit statistical data for permanent partial disability (PPD) claims. Cumulative trauma (CT) claims are excluded.

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