

June 29, 2022

2021 California Workers' Compensation Losses and Expenses

Pursuant to Section 11759.1 of the California Insurance Code, the Workers' Compensation Insurance Rating Bureau of California (WCIRB) has prepared this report containing estimated California workers' compensation costs for 2021 based on insured employer experience. The report also reflects payments made by the California Insurance Guarantee Association (CIGA) in the statewide loss payments for calendar years 2009 through 2021.¹

Hospital, Physician and Medical-Legal Costs

In 2021, \$4.4 billion, or 53% of total loss payments, were for medical services.² This figure includes an estimated proportion of loss payments made by CIGA for medical benefits during calendar year 2021. (In 2020, \$4.2 billion, or 53% of total loss payments, were for analogous medical services.)

Exhibits 1.1 through 1.6 contain summaries of amounts paid for medical services in 2021. These exhibits are based on the WCIRB's Aggregate Indemnity and Medical Costs Call, Call for California Workers' Compensation Calendar Year Experience, and medical transaction data. Exhibits 1.1 through 1.4 show medical payments by category of payment. Note that the amounts shown on Exhibits 1.1 through 1.4 for the cost of medical cost containment programs only reflect the amount of such costs included in medical loss and does not include the amount of medical cost containment program costs reported as allocated loss adjustment expense.³

Table 1 summarizes the estimated total medical losses paid by category in calendar years 2020 and 2021. As shown, the largest increase in medical payments was related to medical-legal evaluations in that a significant portion of the payments made for medical-legal evaluations were under the new Medical-Legal Fee Schedule adopted effective April 1, 2021.

¹ For calendar year 2009, the total workers' compensation benefit payments made by CIGA have been apportioned to benefit categories by assuming that CIGA calendar year benefit payments were distributed in a manner identical to the average insurer distribution for that year. Since calendar year 2010, the workers' compensation benefit payment information from CIGA has been provided separately for its indemnity and medical components.

² This figure includes \$55.6 million in medical payments made in 2021 for COVID-19 claims.

³ California reporting requirements specify that the cost of medical cost containment programs paid on policies incepting on or after July 1, 2010 be reported as allocated loss adjustment expense, while the costs paid on policies incepting before July 1, 2010 be reported as medical loss.

Table 1: Summary of Medical Losses Paid by Medical Category

Category	CY 2020	CY 2021
Payments Made Directly to Injured Workers	\$1.31 billion	\$1.35 billion
Physician Services	\$1.16 billion	\$1.18 billion
Hospital (Inpatient and Outpatient)	\$0.55 billion	\$0.56 billion
Medical-Legal Evaluations	\$0.27 billion	\$0.33 billion
Medicare-related Payments ⁴	\$0.29 billion	\$0.30 billion
Medical Supplies and Equipment	\$0.22 billion	\$0.21 billion
Medical Cost Containment Programs (medical loss only) ⁵	\$0.12 billion	\$0.12 billion
Medical Liens	\$0.10 billion	\$0.09 billion
Pharmaceuticals	\$0.08 billion	\$0.07 billion
Other	\$0.14 billion	\$0.15 billion
Total Medical Losses Paid	\$4.2 billion	\$4.4 billion

Beginning with claims incurred on policies incepting on or after July 1, 2010, the cost of medical cost containment programs is required to be reported to the WCIRB as allocated loss adjustment expense rather than as medical loss. The medical cost containment program costs shown in Table 1 only reflect those costs reported as medical loss. The total cost of medical cost containment programs, including that reported as allocated loss adjustment expense, is shown in Table 2.

Table 2: Total Paid Cost of Medical Cost Containment Programs (in \$Millions)

Calendar Year	2015	2016	2017	2018	2019	2020	2021
Reported as Medical Loss Paid	206	180	160	149	145	117	121
Reported as Allocated Loss Adjustment Expense Paid	307	272	299	307	305	283	299
Total Medical Cost Containment Program Costs Paid	513	452	459	456	450	400	420

Exhibits 1.1 through 1.6 also show detailed distributions of medical payments by specialty, which is summarized from individual medical transactions reported in WCIRB medical transaction data. Exhibit 1.5 shows distributions of payments for medical services by type of provider.⁶ Exhibit 1.6 shows distributions of payments for physician services by type of procedure. Tables 3 and 4 summarize the estimated distribution of medical payments by specialty in calendar years 2020 and 2021:

⁴ Includes Medical Payments Related to Medicare Set-Aside Accounts and Reimbursements to Medicare.

⁵ The majority of medical cost containment program costs are reported in allocated loss adjustment expense (see Table 2).

⁶ As a result of WCIRB efforts to more accurately categorize medical transactions, the distributions shown in Exhibit 1.5 for 2020 and prior have been updated from the prior year's report. In particular, some of the taxonomy codes that were previously categorized as hospital-based provider are now being categorized as occupational health provider.

Table 3: Distribution of Medical Service Payments by Type of Provider

Provider Type	CY 2020	CY 2021
Hospital-based Provider	21.6%	20.9%
Physician Specialist	9.2%	10.2%
Occupational Health Provider	9.8%	10.0%
Surgeon	9.1%	9.8%
Physical Therapist	9.8%	9.3%
MD General Practitioner	8.3%	9.0%
Durable Medical Equipment Supplier	4.6%	5.3%
Ambulatory Surgical Center	5.1%	5.0%
Pharmacist	3.1%	2.6%
Other	20.0%	17.9%
Total Medical Service Payments	100.0%	100.0%

Table 4: Distribution of Physician Service Payments

Physician Service by Type of Procedure	CY 2020	CY 2021
Evaluation & Management	37.0%	39.5%
Physical Medicine	26.9%	26.8%
Surgery	13.0%	12.1%
Radiology	7.4%	7.2%
Medicine	5.3%	5.3%
Special Services & Reports	5.9%	4.7%
Acupuncture	1.9%	1.9%
Anesthesia	1.2%	1.2%
Chiropractic	0.8%	0.7%
Pathology & Laboratory	0.4%	0.4%
Other	0.2%	0.2%
Total Physician Service Payments	100.0%	100.0%

Exhibits 2.1 through 2.3 contain summaries of medical-legal costs for 2021 based on the WCIRB's medical transaction data. The exhibits show that orthopedic evaluations accounted for about 54% of the cost of all medical-legal evaluations. The exhibits also show that the average cost of a medical-legal evaluation was \$1,554 in 2021.⁷ Psychiatric evaluations were the most expensive, averaging \$2,826. (Please note that with the new April 1, 2021 Medical-Legal Fee Schedule, medical-legal coding procedures have changed and the average cost per report shown on Exhibit 2.1 for service year 2021 is not on a comparable basis to that shown for prior service years.)

Indemnity Benefits

In 2021, \$3.8 billion, or 47% of total loss payments, were for indemnity benefits (including vocational rehabilitation

⁷ For the purposes of this report, each medical-legal transaction in the WCIRB's medical transaction data was considered an evaluation.

benefits).⁸ This figure includes an estimated proportion of loss payments made by CIGA for indemnity benefits during calendar year 2021. (In 2020, payment for analogous indemnity benefits totaled \$3.7 billion, or 47% of total loss payments.)

Exhibits 3.1 and 3.2 contain summaries of paid indemnity benefits by type of benefit for calendar year 2021. The data in Exhibit 3 is derived from the WCIRB's Aggregate Indemnity and Medical Costs Call, unit statistical report data, and Call for Calendar Year Experience. The exhibits show that for 2021, temporary disability benefits (54%) and permanent partial disability benefits (35%) accounted for the vast majority of the indemnity payments.

Exhibits 4 through 9 contain summaries of indemnity and medical benefits by permanent disability rating interval for various types of injuries resulting in permanent disability. The exhibits are based on 2019 policy year experience—the most current available unit statistical data on permanent disability claims. (Note that these average claim values are based on claims evaluated as of 18 months from the inception of each 2019 policy and have not been adjusted to an ultimate value basis.) Exhibit 4 shows indemnity and medical benefits for back injury claims. Exhibit 5 shows indemnity and medical benefits for slip and fall injuries. Exhibit 6 shows indemnity and medical benefits for psychiatric and mental stress injuries. Exhibit 7 shows indemnity and medical benefits for carpal tunnel and repetitive motion injuries. Exhibit 8 shows indemnity and medical benefits for other cumulative injuries. Finally, Exhibit 9 shows indemnity and medical benefits for all injuries.

Exhibit 10.1 graphically shows the proportion of total loss dollars reported on permanent disability claims attributable to various types of injuries. Exhibit 10.2 shows the average cost per claim for these injuries. As shown on Exhibits 10.1 and 10.2, slip and fall injuries are both the most frequently occurring and most costly of the injury categories summarized.

Vocational Rehabilitation Benefits

Exhibit 11 summarizes the amounts estimated to be paid for vocational rehabilitation nontransferable education vouchers as well as other vocational rehabilitation benefits (primarily voluntary vocational rehabilitation benefits). The exhibit is based on data derived from the WCIRB's Aggregate Indemnity and Medical Costs Call, Permanent Disability Claim Surveys, and the Call for Calendar Year Experience. In total, about \$67 million in vocational rehabilitation-related benefits were paid in calendar year 2021. This was 1.8% of all indemnity payments in 2021, of which 97% was for non-transferable education vouchers. (For comparison purposes, in 2020, vocational rehabilitation benefits paid was \$73 million, or 2.0% of all indemnity payments, of which 97% was for non-transferable education vouchers.)

Insurer Losses, Expenses and Profits

Exhibits 12.1 and 12.2 summarize California workers' compensation underwriting experience for calendar year 2021.⁹ Calendar year 2021 earned premium totaled \$13.6 billion (as compared to the \$14.1 billion of premium earned in 2020). Note that the premiums shown on this exhibit are on a direct basis (i.e., prior to reinsurance assumed or ceded), are prior to the application of deductible credits and retrospective rating plan adjustments, and do not reflect any non-standard California workers' compensation business, such as excess or USL&H insurance. In total, paid losses in 2021, including benefit payments made by CIGA, were \$8.2 billion, or 60% of insurer calendar year earned premium.

Total insurer paid losses (i.e., excluding payments made by CIGA) in 2021 were \$8.1 billion, or 59% of calendar year earned premium. Combining insurer paid losses with a \$0.3 billion decrease in total insurer loss reserves resulted in total insurer incurred losses, excluding payments made by CIGA, of \$7.8 billion, or 57% of the premium earned in 2021.¹⁰ (For comparison purposes, in 2020, total insurer paid losses—excluding those made by CIGA—were 56% of earned premium and, with an decrease in insurer loss reserves totaling 5% of earned premium, total insurer incurred losses, excluding payments made by CIGA, were 51% of total insurer earned premium.)

The 57% of earned premium stated above pertains to total insurer losses incurred during the "calendar year" 2021.

⁸ This figure includes \$66 million in indemnity payments made in 2021 for COVID-19 claims.

⁹ Total statewide calendar year 2021 premiums, losses and expenses were estimated based on the experience of insurers that reported premium, loss and expense information to the WCIRB.

¹⁰ This figure includes \$199 million in 2021 incurred losses for COVID-19 claims.

This includes all insurer losses paid and insurer loss reserve changes that occurred during 2021, regardless of when the accidents occurred.

Insurer incurred loss adjustment expenses (allocated and unallocated) in 2021 were \$2.2 billion, or 16% of earned premium. This includes the full cost to insurers of administering, adjudicating and settling claims. Incurred loss adjustment expenses include \$807 million in defense attorney expenses incurred in 2021. (For comparison purposes, in 2020, incurred loss adjustment expenses were 13% of earned premium, including \$828 million in defense attorney expenses.)

In total, California insurers incurred \$5.4 billion in expenses in 2021, or 39% of 2020 earned premium. (For comparison purposes, in 2020, total incurred expenses were 35% of earned premium.)

In total, incurred losses and expenses in calendar year 2021 were \$13.1 billion, or 96% of earned premium. Based on insurer statutory Annual Statement information, the WCIRB estimates policyholder dividends incurred in 2021 to be 0.6% of 2021 earned premium, resulting in an underwriting profit of \$0.4 billion, or 3% of premium. Note that the underwriting profits or losses shown on Exhibit 12.1 represent only California workers' compensation insured policies and is prior to reinsurance assumed or ceded and the application of deductible credits or advisory retrospective rating plan adjustments. Similarly, this summary reflects underwriting results only and not overall profitability as figures shown do not contemplate any measure of investment income or federal income taxes.¹¹ (For 2020, the analogous underwriting profit was 13% of earned premium, or \$1.9 billion.)

Fees Paid to Applicant Attorneys

Although generally part of incurred indemnity losses rather than expenses, the amount paid in 2021 to applicant attorneys was derived from the WCIRB's Annual Expense Call. In 2021, applicant attorneys were paid \$389 million. (In 2020, applicant attorneys were paid \$402 million.¹²)

Workers' Compensation Costs by Injury Detail

Exhibits 13 through 15 summarize loss experience by injury detail for the most current unit statistical policy year available (i.e., policy year 2019 at first report level). Exhibit 13 shows the number and proportion of claims and incurred losses by cause of injury (e.g., fall, repetitive motion, etc.). Exhibit 14 shows the number and proportion of claims and incurred losses by the nature of the injury sustained (e.g., strain, fracture, etc.). Exhibit 15 shows the number and proportion of claims and incurred losses by the part of body injured.

Conditions and Limitations

1. This information presented reflects a compilation of individual insurer submissions of information to the WCIRB. While the individual insurer data submissions are regularly checked for consistency and comparability with other data submitted by the insurer as well as with data submitted by other insurers, the WCIRB can make no warranty with respect to the information provided by third parties.
2. The information in this report is based on the reported experience of insured employers only and may or may not be indicative of the experience of the state as a whole including self-insured employers.
3. This report is based on data reported to the WCIRB through June 14, 2022. Subsequent revisions to the data could impact the analysis reflected in this report.

¹¹ See the National Association of Insurance Commissioners' *Report on Profitability By Line By State*, which is published annually, for an estimate of the overall profitability of California workers' compensation.

¹² The fees paid to applicant attorneys are based on reports of insurers who were able to provide a comprehensive breakdown of these fees on the WCIRB's Annual Expense Call. These fees are often included as a part of the indemnity award or settlement and as such cannot be broken out separately.

4. Some of the cost information presented herein may have been estimated based on data reported representing less than 100% of the insured market. While this has been deemed a credible source of information, estimates based on the entire insured market can differ.
5. The amounts and ratios shown represent statewide totals based on the amounts reported by insurers writing workers' compensation insurance in California. The results for any individual insurer can differ significantly from the statewide average. An individual insurer's results are related to its underwriting book of business, claims and reserving practices, as well as the nature of its reinsurance arrangements.
6. Some of the information presented herein may be based on data from only a partial time period or at an initial preliminary evaluation. Once more complete and mature information becomes available, estimates could differ.
7. Premium information is prior to reinsurance assumed or ceded or credits for deductibles and does not reflect retrospective rating plan adjustments or any premiums resulting from non-standard California workers' compensation coverage such as excess or USL&H insurance. Similarly, losses and expenses shown are prior to reinsurance and do not reflect any deductible recoveries or any losses from non-standard coverages.
8. The information contained in this report is based on data submitted to date by insurers to the WCIRB. To the extent that insurers in rehabilitation or liquidation are no longer reporting data to the WCIRB, the information contained in this report will not reflect the experience of the entire California workers' compensation insurance market. However, loss payments made by CIGA during calendar years 2009 through 2021 have been included in this report.

Paid Medical Costs for Calendar Year 2021

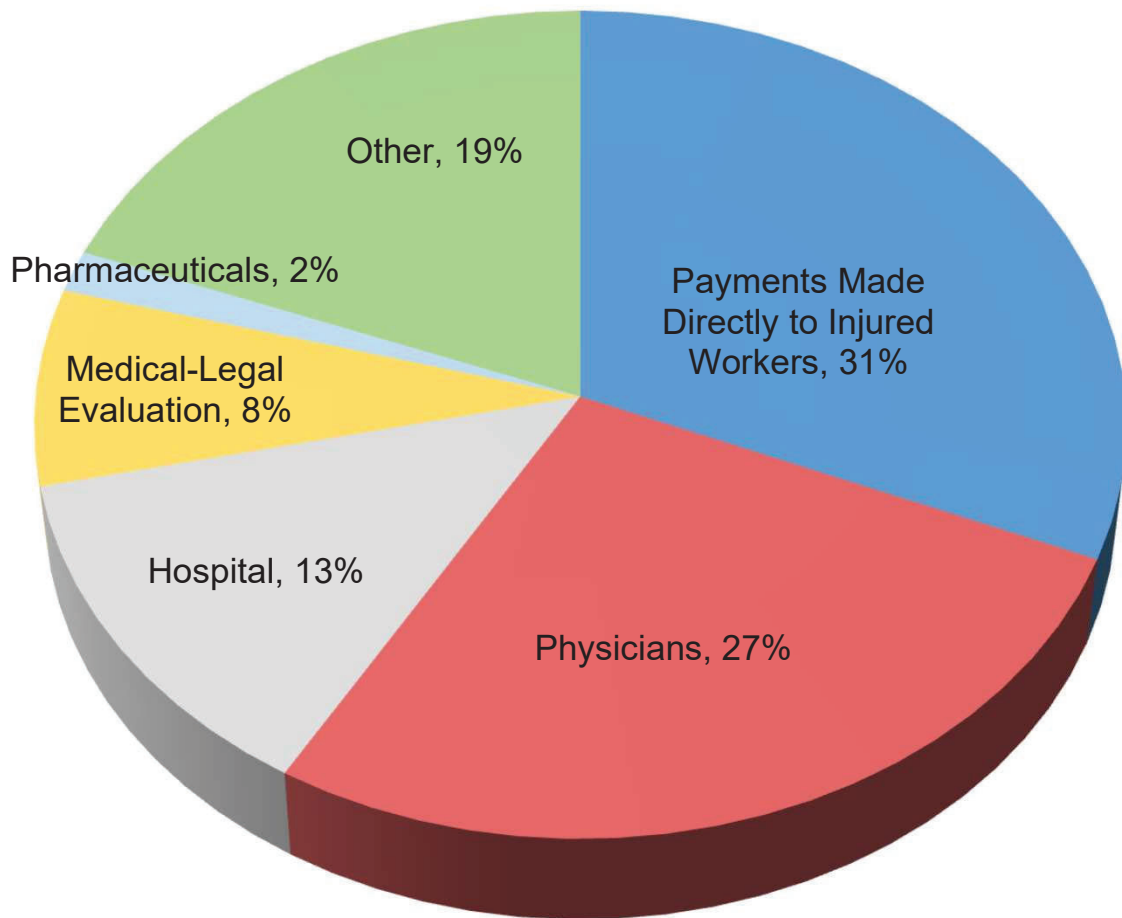
	<u>Total Medical Paid (\$000)</u>	<u>% of Total Medical Services</u>	<u>% of Total Medical Paid</u>
1 Evaluation & Management	465,352	18.9%	10.7%
2 Physical Medicine	315,793	12.8%	7.2%
3 Surgery	142,245	5.8%	3.3%
4 Radiology	85,010	3.4%	2.0%
5 Medicine	62,602	2.5%	1.4%
6 Special Services & Reports	54,886	2.2%	1.3%
7 Acupuncture	22,017	0.9%	0.5%
8 Anesthesia	13,745	0.6%	0.3%
9 Chiropractic	8,459	0.3%	0.2%
10 Pathology & Laboratory	4,591	0.2%	0.1%
11 Other	2,863	0.1%	0.1%
Physician Services (Subtotal)	1,177,563	47.7%	27.0%
12 Medical-Legal Evaluation Payments	333,024	13.5%	7.6%
13 Hospital - Outpatient	325,569	13.2%	7.5%
14 Hospital - Inpatient	235,795	9.6%	5.4%
15 Medical Supplies and Equipment	213,202	8.6%	4.9%
16 Medical Liens	89,619	3.6%	2.1%
17 Pharmaceuticals	69,481	2.8%	1.6%
18 Dental Services	22,182	0.9%	0.5%
Total Payments for Medical Services (Subtotal)	2,466,436	100.0%	56.6%
19 Medical Payments Made Directly to Injured Workers	1,348,651		31.0%
20 Medical Payments Related to Medicare Set-asides	292,164		6.7%
21 Medical Cost Containment Program Payments ¹	121,145		2.8%
22 Interpreter Services	67,821		1.6%
23 Copy Services	29,022		0.7%
24 Capitated Medical Payments	25,666		0.6%
25 Reimbursements to Medicare	5,827		0.1%
Total Calendar Year Medical Payments	4,356,731		100.0%

¹ Medical Cost Containment Program (MCCP) costs on claims covered by policies incepting prior to July 1, 2010 are considered medical loss; those on claims covered by policies incepting July 1, 2010 and beyond are considered allocated loss adjustment expenses. The amount of MCCP costs reported as allocated loss adjustment expenses for calendar year 2021 is \$299 million.

Sources:

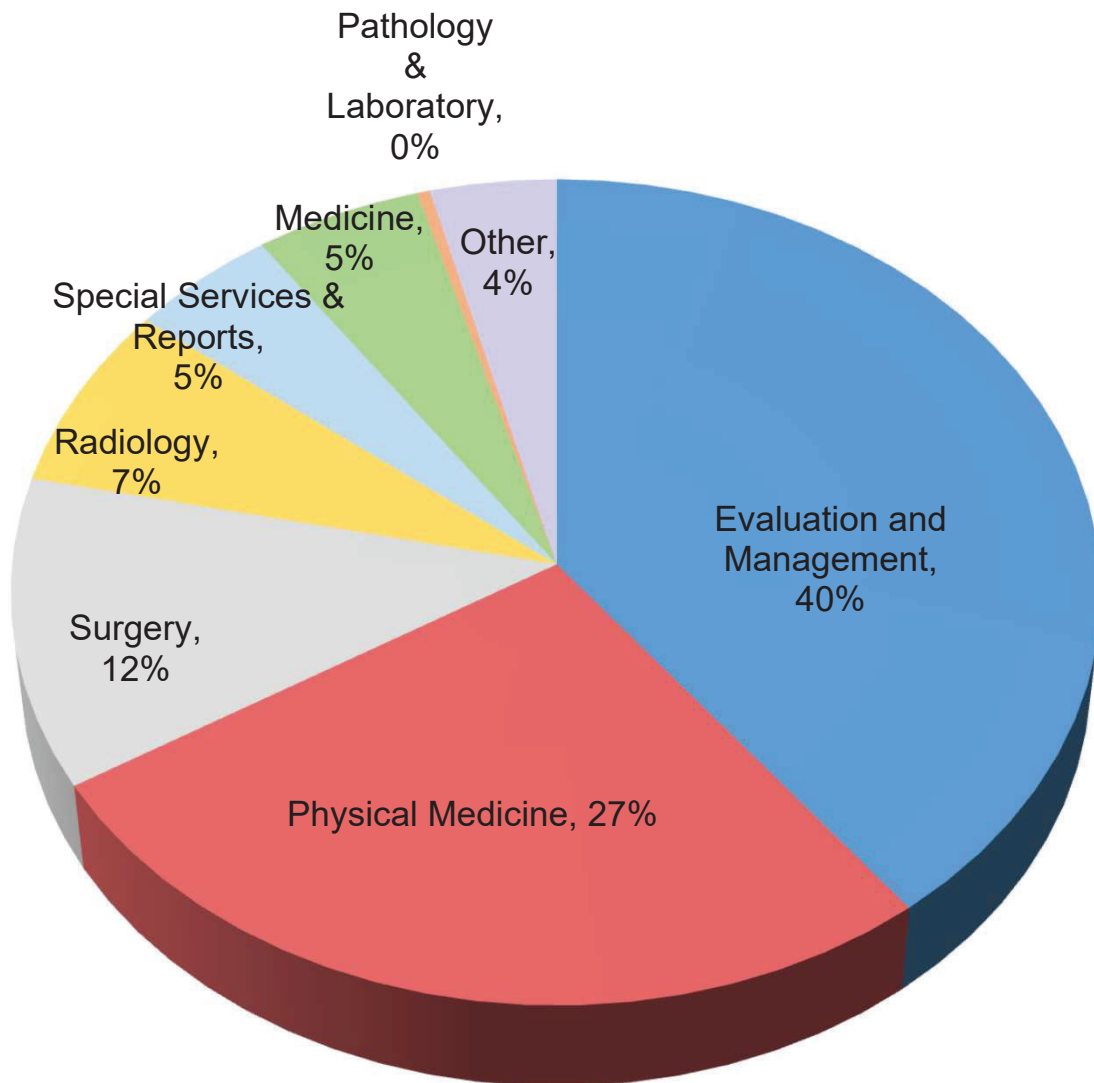
WCIRB aggregate indemnity and medical cost calls
WCIRB medical transaction data

Paid Medical Costs for Calendar Year 2021



Sources:
WCIRB Aggregate Indemnity and Medical Costs Call
WCIRB medical transaction data

**Paid Medical Costs by Physician Specialty
for Calendar Year 2021**



Source: WCIRB medical transaction data

Distribution of Calendar Year Medical Costs Paid

Medical Payment Type	2021		2020 ^[1]	2019 ^[1]	2018 ^[1]	2017 ^[1]	2016 ^[1]
	Medical Payments (\$000)	As % of Total Medical Payments	As % of Total Medical Payments	As % of Total Medical Payments	As % of Total Medical Payments	As % of Total Medical Payments	As % of Total Medical Payments
1 Medical Payments Made Directly to Injured Workers	\$1,348,651	31.0%	31.3%	31.9%	31.1%	28.3%	28.3%
2 Physician Services	\$1,177,563	27.0%	27.3%	26.4%	26.2%	26.9%	26.1%
3 Medical-Legal Evaluation Payments	\$333,024	7.6%	6.4%	6.3%	6.1%	6.7%	7.6%
4 Hospital - Outpatient	\$325,569	7.5%	6.9%	6.6%	7.0%	7.4%	7.1%
5 Medical Payments Related to Medicare Set-asides	\$292,164	6.7%	6.7%	6.7%	6.1%	5.3%	4.7%
6 Hospital - Inpatient	\$235,795	5.4%	6.0%	6.1%	6.3%	6.4%	5.9%
7 Medical Supplies and Equipment	\$213,202	4.9%	5.1%	5.2%	5.5%	5.6%	4.8%
8 Medical Cost Containment Program Payments ^[2]	\$121,145	2.8%	2.8%	3.2%	3.2%	3.4%	3.8%
9 Medical Liens	\$89,619	2.1%	2.4%	3.0%	3.6%	4.2%	5.3%
10 Pharmaceuticals	\$69,481	1.6%	1.8%	1.9%	2.3%	3.6%	4.6%
11 Interpreter Services	\$67,821	1.6%	1.2%	1.0%	0.8%	0.7%	0.5%
12 Copy Services	\$29,022	0.7%	0.8%	0.7%	0.6%	0.6%	0.5%
13 Capitated Medical Payments	\$25,666	0.6%	0.8%	0.4%	0.5%	0.4%	0.2%
14 Dental Services	\$22,182	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
15 Reimbursements to Medicare	\$5,827	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Medical Payments	\$4,356,731	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

^[1] Figures have been updated since the issuance of last year's report.

^[2] Medical Cost Containment Program (MCCP) costs on claims covered by policies incepting prior to July 1, 2010 are considered medical loss; those on claims covered by policies incepting July 1, 2010 and beyond are considered allocated loss adjustment expenses. The amount of MCCP costs reported as allocated loss adjustment expenses for calendar year 2021 is \$299 million.

Sources: WCIRB aggregate indemnity and medical cost calls
WCIRB medical transaction data

Distribution of Medical Service Payments by Type of Provider

Provider Type	2021		2020 ^[1]	2019 ^[1]	2018 ^[1]	2017 ^[1]	2016 ^[1]
	Medical Service Payments (\$000)	As % of Total Medical Service Payments	As % of Total Medical Service Payments	As % of Total Medical Service Payments	As % of Total Medical Service Payments	As % of Total Medical Service Payments	As % of Total Medical Service Payments
1 Hospital-Based Provider	\$515,376	20.9%	21.6%	21.7%	21.7%	20.3%	19.0%
2 Physician Specialist	\$251,967	10.2%	9.2%	9.3%	9.8%	9.6%	10.8%
3 Occupational Health Provider	\$246,922	10.0%	9.8%	8.9%	7.3%	7.0%	6.3%
4 Surgeon	\$242,540	9.8%	9.1%	9.6%	10.3%	10.4%	10.9%
5 Physical Therapist	\$228,402	9.3%	9.8%	9.8%	10.2%	9.3%	8.2%
6 MD General Practitioner	\$220,850	9.0%	8.3%	9.2%	9.4%	10.7%	10.9%
7 Durable Medical Equipment (DME) Supplier	\$129,816	5.3%	4.6%	3.9%	3.3%	3.5%	3.6%
8 Ambulatory Surgical Center (ASC) Provider	\$122,631	5.0%	5.1%	5.1%	5.5%	5.6%	5.3%
9 Pharmacist	\$64,332	2.6%	3.1%	3.2%	3.8%	4.9%	6.7%
10 Skilled Nursing & Custodial Care Provider	\$62,081	2.5%	2.5%	2.3%	1.9%	1.9%	2.0%
11 Psychology, Psychiatry, & Neurology	\$59,653	2.4%	2.3%	2.3%	2.4%	2.4%	2.7%
12 Chiropractic	\$54,513	2.2%	2.2%	2.1%	2.1%	2.1%	2.2%
13 Radiologist	\$46,904	1.9%	2.1%	2.1%	2.3%	2.4%	2.7%
14 Rehabilitation Provider	\$44,392	1.8%	1.9%	1.6%	1.4%	1.0%	0.8%
15 Dentist	\$24,160	1.0%	1.0%	1.1%	1.0%	0.9%	1.0%
16 Home Health Provider	\$23,238	0.9%	1.3%	1.5%	1.7%	1.7%	1.6%
17 Acupuncturist	\$18,339	0.7%	0.8%	0.9%	1.0%	0.9%	0.8%
18 Marriage, Family and Counselors	\$12,040	0.5%	0.6%	0.5%	0.5%	0.4%	0.5%
19 Podiatrist	\$8,875	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%
20 Lab Testing Provider	\$8,181	0.3%	0.4%	0.5%	0.6%	0.9%	1.2%
21 Optometrist	\$612	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
22 Social Workers	\$197	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
23 Others	\$80,401	3.3%	3.9%	4.0%	3.3%	3.8%	2.4%
Total Medical Service Payments	\$2,466,436	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

^[1] As a result of WCIRB efforts to more accurately categorize medical transactions, figures shown for 2016 through 2020 have been updated since the issuance of last year's report.

Sources: WCIRB medical transaction data

Distribution of Physician Service Payments

Physician Service by Type of Procedure	2021		2020 ^[1]	2019 ^[1]	2018 ^[1]	2017 ^[1]	2016 ^[1]
	Physician Service Payments (\$000)	As % of Total Physician Service Payments	As % of Total Physician Service Payments	As % of Total Physician Service Payments	As % of Total Physician Service Payments	As % of Total Physician Service Payments	As % of Total Physician Service Payments
1 Evaluation & Management	\$465,352	39.5%	37.0%	37.3%	37.6%	37.4%	35.4%
2 Physical Medicine	\$315,793	26.8%	26.9%	26.3%	24.2%	22.2%	21.5%
3 Surgery	\$142,245	12.1%	13.0%	12.7%	13.3%	14.0%	15.1%
4 Radiology	\$85,010	7.2%	7.4%	7.5%	7.6%	7.9%	8.6%
5 Medicine	\$62,602	5.3%	5.3%	5.1%	4.9%	5.2%	5.3%
6 Special Services & Reports	\$54,886	4.7%	5.9%	6.4%	7.7%	8.2%	8.4%
7 Acupuncture	\$22,017	1.9%	1.9%	1.9%	1.8%	1.7%	1.6%
8 Anesthesia	\$13,745	1.2%	1.2%	1.3%	1.4%	1.5%	1.8%
9 Chiropractic	\$8,459	0.7%	0.8%	0.8%	0.8%	0.8%	0.8%
10 Pathology & Laboratory	\$4,591	0.4%	0.4%	0.6%	0.7%	1.0%	1.5%
11 Other	\$2,863	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%
Total Physician Service Payments	\$1,177,563	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

^[1] Figures have been updated since the issuance of last year's report.

Sources: WCIRB medical transaction data

Paid Medical-Legal Costs^[1]

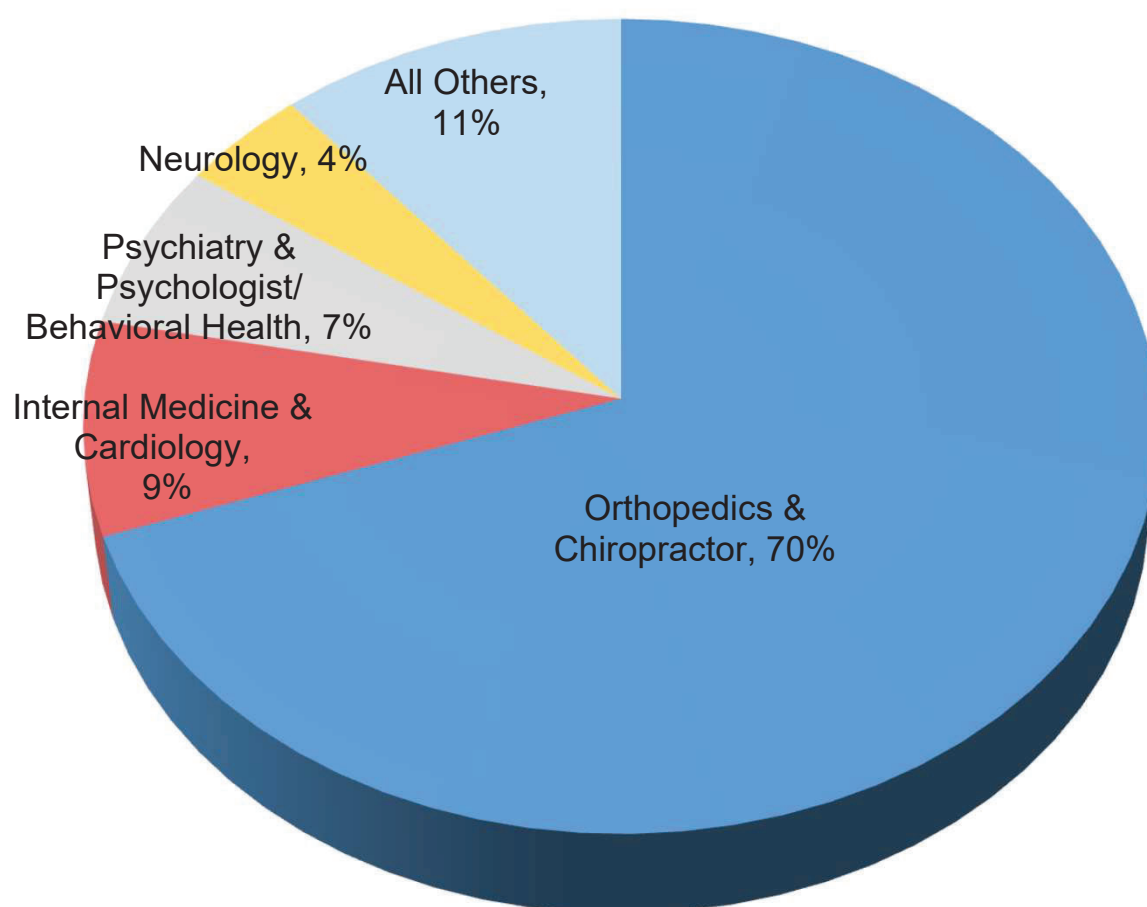
<u>Physician Specialty</u>	<u>Service Year 2021</u>			<u>Service Year 2020^[2]</u>			<u>Service Year 2019^[2]</u>			<u>Service Year 2018^[2]</u>		
	<u>Number of Reports</u>	<u>Cost of Reports</u>	<u>Average Cost Per Report</u>	<u>Number of Reports</u>	<u>Cost of Reports</u>	<u>Average Cost Per Report</u>	<u>Number of Reports</u>	<u>Cost of Reports</u>	<u>Average Cost Per Report</u>	<u>Number of Reports</u>	<u>Cost of Reports</u>	<u>Average Cost Per Report</u>
Orthopedic	59.7%	53.7%	\$1,399	61.6%	50.8%	\$1,274	64.0%	51.6%	\$1,206	65.8%	53.1%	\$1,187
Chiropractor	9.9%	8.6%	\$1,354	9.2%	8.8%	\$1,463	7.8%	7.5%	\$1,432	6.3%	6.0%	\$1,397
Internal Medicine & Cardiology	8.5%	9.8%	\$1,790	7.5%	9.1%	\$1,882	7.7%	9.6%	\$1,879	7.7%	10.0%	\$1,913
Neurology	4.1%	5.1%	\$1,910	3.7%	4.7%	\$1,966	3.9%	5.2%	\$1,990	3.9%	5.7%	\$2,131
Psychiatry	3.3%	6.1%	\$2,826	3.3%	7.5%	\$3,552	3.5%	8.6%	\$3,670	3.9%	8.7%	\$3,303
Psychologist/Behavioral Health	3.3%	5.9%	\$2,812	3.5%	7.8%	\$3,456	3.2%	7.2%	\$3,366	3.2%	7.3%	\$3,330
All Others	11.3%	10.9%	\$1,506	11.1%	11.3%	\$1,563	9.9%	10.3%	\$1,556	9.2%	9.2%	\$1,472
Total/Average	100.0%	100.0%	\$1,554	100.0%	100.0%	\$1,546	100.0%	100.0%	\$1,497	100.0%	100.0%	\$1,470

^[1] For the purposes of this report, each medical-legal transaction in the WCIRB's medical transaction data was considered a report. (Please note that with the new April 1, 2021 Medical-Legal Fee Schedule, medical-legal coding procedures have changed and the average cost per report shown on Exhibit 2.1 for service year 2021 are not on a comparable basis to that shown for prior service years.)

^[2] Figures have been updated from those in last year's report.

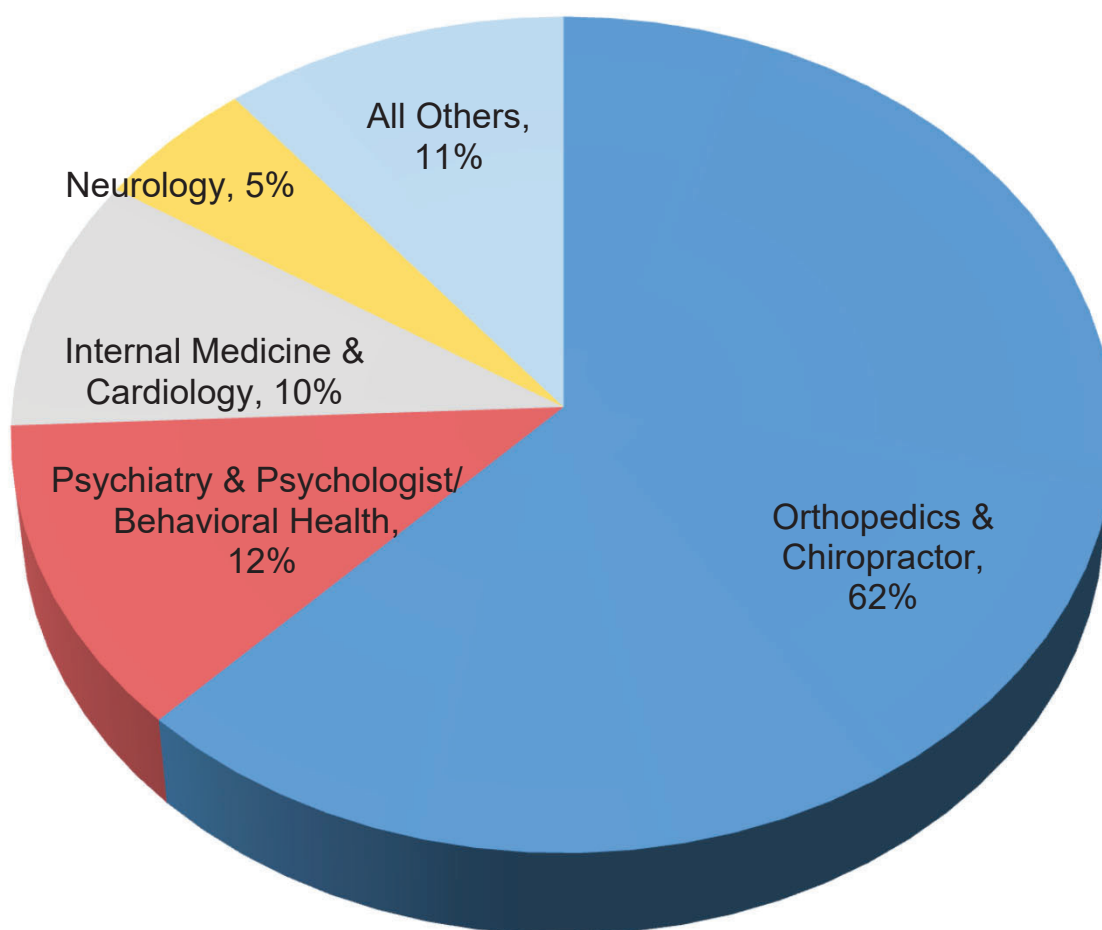
Sources: WCIRB medical transaction data. All figures are based on medical-legal transactions reported on all claim types from all accident years within the service year.

**Number of Medical-Legal Reports by Physician Specialty
for Calendar Year 2021**



Source: WCIRB medical transaction data

**Paid Medical-Legal Costs by Physician Specialty
for Calendar Year 2021**



Note: With the new April 1, 2021 Medical-Legal Fee Schedule, medical-legal coding procedures have changed and the average cost per report shown on Exhibit 2.1 for service year 2021 are not on a comparable basis to that shown for prior service years.

Source: WCIRB medical transaction data

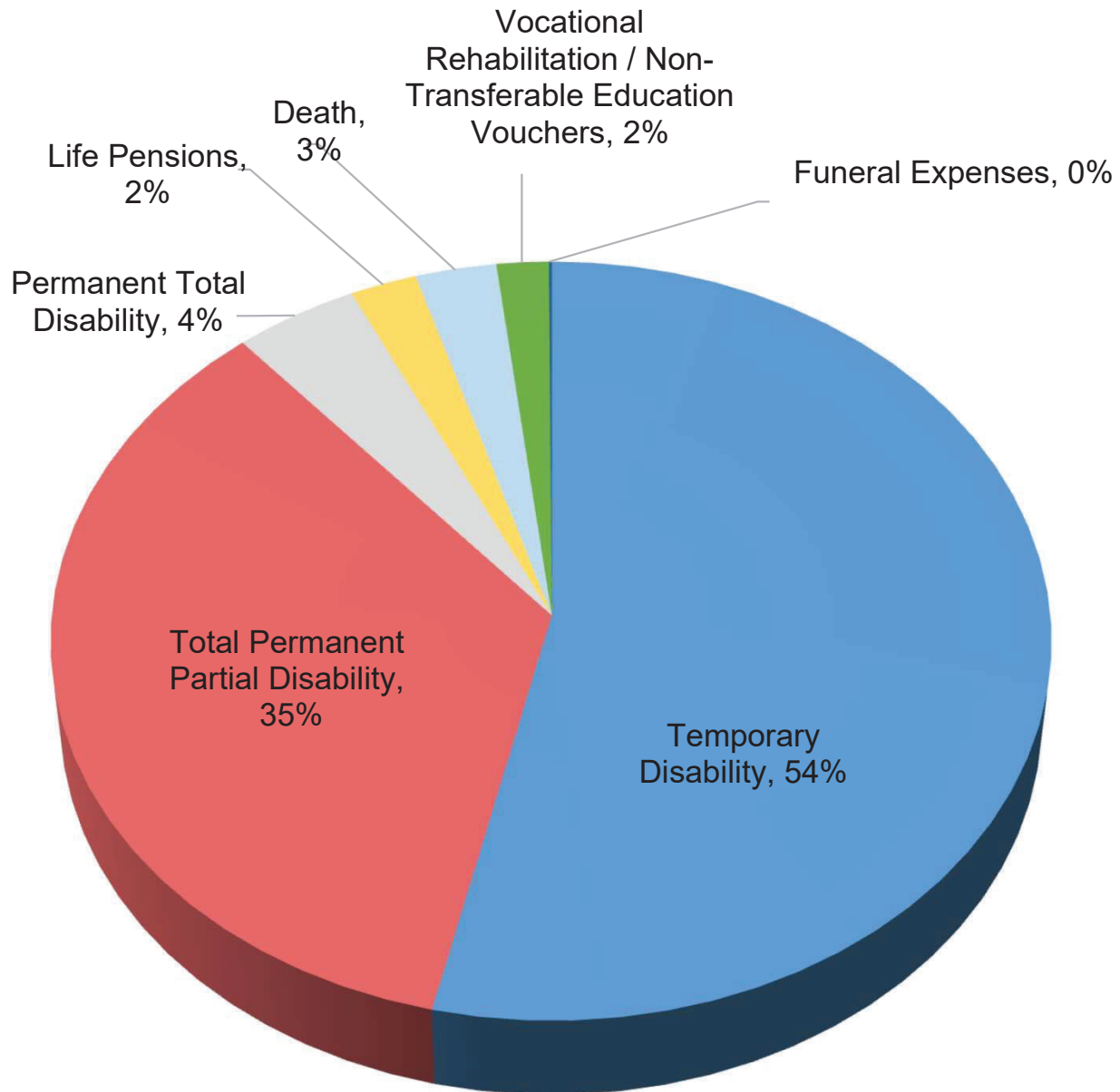
Paid Indemnity Benefits for Calendar Year 2021

Benefit Type	Indemnity Paid (\$ in Thousands)	Percentage of Total Indemnity Paid
Temporary Disability*	2,046,919	53.7%
Permanent Total Disability*	164,193	4.3%
Permanent Partial Disability*		
0.25% - 24.75%	657,355	17.2%
25.00% - 69.75%	597,374	15.7%
70.00% - 99.75%	86,475	2.3%
Total Permanent Partial	1,341,203	35.2%
Death*	105,873	2.8%
Funeral Expenses	3,510	0.1%
Life Pensions	86,114	2.3%
Vocational Rehabilitation/ Non-Transferable Education Vouchers*	67,078	1.8%
Total Indemnity Paid	3,814,889	100.0%

Note: Single Sum Settlement and Other Indemnity payments have been allocated to the benefit categories shown with an asterisk (*).

Source: WCIRB calendar year calls for experience and unit statistical data

Paid Indemnity Benefits for Calendar Year 2021



Source: Calendar year calls for experience and unit statistical data

Policy Year 2019 Permanent Disability Summary
Back Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	1,348	441,704	10,625,156	18,027,655	8,202,931	17,534,197
5 - 9	2,304	1,281,349	22,775,053	43,301,493	17,809,605	48,032,725
10 - 14	2,085	2,740,783	28,796,903	55,289,315	20,107,930	52,466,029
15 - 19	1,132	1,008,192	16,812,069	35,386,176	12,255,585	33,822,299
20 - 24	388	721,015	7,736,904	17,923,413	5,808,103	17,092,253
Unknown	82	13,439	1,796,499	4,300,376	933,374	2,896,441
Minor Total	7,339	6,206,482	88,542,584	174,228,428	65,117,528	171,843,944
25 - 29	182	345,483	3,776,083	9,431,012	2,634,337	8,439,509
30 - 34	131	217,550	3,127,827	7,781,349	3,361,727	9,124,708
35 - 39	55	113,893	1,616,716	4,237,818	1,018,898	3,603,797
40 - 44	45	120,050	1,194,512	3,688,643	2,669,643	5,718,516
45 - 49	31	73,102	1,280,991	3,198,605	1,502,774	4,875,264
50 - 54	20	62,550	732,889	2,344,021	1,205,919	4,455,703
55 - 59	10	6,000	262,230	920,059	516,641	1,364,813
60 - 64	9	6,000	370,383	1,149,300	702,663	1,937,080
65 - 69	9	42,000	322,316	1,444,139	1,330,546	2,772,858
70 - 74	10	42,000	559,752	3,006,740	1,056,655	3,421,732
75 - 79	6	6,000	209,593	1,503,046	711,870	1,706,060
80 - 84	4	18,000	109,265	1,757,244	1,265,046	3,810,974
85 - 89	0	0	0	0	0	0
90 - 94	0	0	0	0	0	0
95 - 99	1	6,000	25,974	617,025	309,866	2,388,855
Unknown	6	0	203,294	296,759	118,350	173,614
Major Total	519	1,058,628	13,791,825	41,375,760	18,404,935	53,793,483
Permanent Total	12	0	272,728	15,615,744	10,705,754	44,157,999
Grand Total	7,870	7,265,110	102,607,137	231,219,932	94,228,217	269,795,426

Source: WCIRB unit statistical data at first report level

Policy Year 2019 Permanent Disability Summary
Slip and Fall Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	1,479	432,063	13,816,036	22,592,657	12,974,105	27,216,818
5 - 9	2,457	1,569,334	28,766,204	52,037,128	27,360,935	64,426,582
10 - 14	1,976	3,137,895	31,367,988	60,297,525	27,137,893	64,928,276
15 - 19	1,126	1,103,822	21,190,466	43,487,007	19,085,654	44,196,402
20 - 24	403	680,246	8,930,112	20,052,444	9,851,025	22,775,108
Unknown	106	32,949	1,914,576	5,250,043	2,920,021	5,821,940
Minor Total	7,547	6,956,309	105,985,382	203,716,804	99,329,633	229,365,126
25 - 29	235	443,602	6,001,854	13,977,894	7,795,298	17,368,727
30 - 34	184	526,193	5,080,988	12,802,859	6,490,505	15,726,666
35 - 39	74	146,792	2,234,036	5,771,732	3,453,127	8,036,898
40 - 44	72	170,050	2,038,374	7,072,221	5,520,758	12,826,935
45 - 49	44	106,402	1,451,000	4,555,425	5,157,954	12,388,588
50 - 54	44	90,750	1,517,978	4,980,174	3,385,650	11,115,054
55 - 59	19	61,200	495,930	2,160,262	1,957,640	4,966,582
60 - 64	15	18,855	726,661	1,957,508	1,196,677	4,251,456
65 - 69	13	42,000	544,407	2,432,931	1,086,192	3,431,670
70 - 74	28	94,200	1,276,185	10,663,622	5,541,609	20,500,700
75 - 79	6	24,000	248,190	1,491,071	798,643	4,755,885
80 - 84	7	19,650	269,952	2,297,084	2,038,762	4,928,939
85 - 89	8	4,050	882,810	2,718,428	3,842,981	6,500,002
90 - 94	1	0	30,365	107,901	9,035	45,319
95 - 99	2	6,000	58,879	1,837,757	383,486	1,684,107
Unknown	14	79,000	396,893	4,615,106	3,131,772	8,783,791
Major Total	766	1,832,744	23,254,502	79,441,975	51,790,089	137,311,319
Permanent Total	26	18,210	601,630	28,830,903	18,064,706	84,957,944
Grand Total	8,339	8,807,263	129,841,514	311,989,682	169,184,428	451,634,389

Source: WCIRB unit statistical data at first report level

Policy Year 2019 Permanent Disability Summary
Psychiatric and Mental Stress Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	239	19,145	1,514,062	2,386,947	1,012,049	2,387,990
5 - 9	219	48,150	1,462,392	2,993,201	1,152,986	3,015,333
10 - 14	174	195,350	1,485,506	2,923,222	1,185,494	2,600,981
15 - 19	141	37,500	1,252,856	2,615,830	1,244,509	2,515,630
20 - 24	23	7,250	287,798	745,749	151,571	446,688
Unknown	28	0	186,459	442,468	195,295	322,331
Minor Total	824	307,395	6,189,073	12,107,417	4,941,904	11,288,953
25 - 29	14	14,160	317,827	644,765	121,495	396,954
30 - 34	7	13,000	143,192	513,495	90,237	503,012
35 - 39	5	500	88,844	213,917	39,348	55,668
40 - 44	5	0	96,134	196,438	48,824	167,661
45 - 49	1	0	24,267	58,703	10,722	22,199
50 - 54	2	6,000	78,167	101,330	62,766	74,565
55 - 59	1	0	33,327	82,062	16,313	38,081
60 - 64	1	0	139,285	139,285	23,429	23,429
65 - 69	0	0	0	0	0	0
70 - 74	1	0	73,295	130,143	13,430	23,550
75 - 79	1	0	100,515	100,515	12,658	12,658
80 - 84	0	0	0	0	0	0
85 - 89	0	0	0	0	0	0
90 - 94	0	0	0	0	0	0
95 - 99	0	0	0	0	0	0
Unknown	0	0	0	0	0	0
Major Total	38	33,660	1,094,853	2,180,653	439,222	1,317,777
Permanent Total	0	0	0	0	0	0
Grand Total	862	341,055	7,283,926	14,288,070	5,381,126	12,606,730

Source: WCIRB unit statistical data at first report level

Policy Year 2019 Permanent Disability Summary
 Carpel Tunnel / Repetitive Motion Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	844	274,436	5,337,983	9,386,496	4,281,490	10,768,211
5 - 9	978	325,816	7,551,318	16,124,182	6,295,521	17,710,332
10 - 14	799	1,076,336	8,398,961	18,463,436	5,866,969	17,402,754
15 - 19	283	291,399	3,826,491	8,617,667	2,447,102	7,335,020
20 - 24	120	137,112	1,937,477	4,442,320	1,155,652	3,337,549
Unknown	27	7,529	523,558	1,081,863	194,587	571,507
Minor Total	3,051	2,112,628	27,575,788	58,115,964	20,241,321	57,125,373
25 - 29	55	108,600	971,646	2,424,724	645,445	1,963,369
30 - 34	25	30,000	338,904	1,242,589	215,264	963,900
35 - 39	17	36,000	317,592	918,843	169,744	625,612
40 - 44	7	25,000	130,966	533,848	186,190	422,573
45 - 49	2	0	84,073	198,357	18,532	91,783
50 - 54	2	6,000	63,498	181,068	32,252	245,254
55 - 59	2	0	79,044	126,130	31,334	46,486
60 - 64	2	0	32,476	241,895	23,788	288,703
65 - 69	1	6,000	0	302,397	1,493	112,646
70 - 74	0	0	0	0	0	0
75 - 79	0	0	0	0	0	0
80 - 84	0	0	0	0	0	0
85 - 89	0	0	0	0	0	0
90 - 94	0	0	0	0	0	0
95 - 99	0	0	0	0	0	0
Unknown	0	0	0	0	0	0
Major Total	113	211,600	2,018,199	6,169,851	1,324,042	4,760,326
Permanent Total	0	0	0	0	0	0
Grand Total	3,164	2,324,228	29,593,987	64,285,815	21,565,363	61,885,699

Source: WCIRB unit statistical data at first report level

Policy Year 2019 Permanent Disability Summary
Other Cumulative Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	1,401	192,880	5,626,238	12,517,052	4,559,845	13,213,145
5 - 9	1,866	503,032	7,122,900	20,345,720	7,040,539	25,327,658
10 - 14	1,471	1,133,867	8,152,330	23,019,448	5,918,088	23,186,713
15 - 19	706	375,128	4,952,279	15,778,704	3,684,376	14,542,221
20 - 24	277	184,696	2,773,997	8,990,758	1,654,290	7,248,000
Unknown	39	6,000	488,949	1,433,784	198,065	894,901
Minor Total	5,760	2,395,603	29,116,693	82,085,466	23,055,203	84,412,638
25 - 29	100	170,719	1,220,473	3,839,451	749,918	2,869,079
30 - 34	58	91,100	728,908	2,982,188	527,777	2,106,851
35 - 39	24	25,800	389,167	1,393,064	441,281	1,201,326
40 - 44	29	54,000	728,444	1,793,889	637,506	1,924,718
45 - 49	13	10,950	296,452	1,057,096	105,941	540,357
50 - 54	7	12,000	54,058	450,817	178,365	1,310,592
55 - 59	5	18,000	101,913	687,421	1,163,279	2,145,434
60 - 64	2	0	1,361	127,153	33,759	131,675
65 - 69	2	0	7,367	279,255	23,466	162,638
70 - 74	1	0	3,266	151,493	7,563	43,780
75 - 79	1	0	19,075	309,189	16,975	285,344
80 - 84	0	0	0	0	0	0
85 - 89	0	0	0	0	0	0
90 - 94	0	0	0	0	0	0
95 - 99	1	0	29,372	964,501	140,554	784,404
Unknown	4	0	317,255	836,852	27,234	307,502
Major Total	247	382,569	3,897,111	14,872,369	4,053,618	13,813,700
Permanent Total	4	0	67,681	1,623,212	485,796	1,682,387
Grand Total	6,011	2,778,172	33,081,485	98,581,047	27,594,617	99,908,725

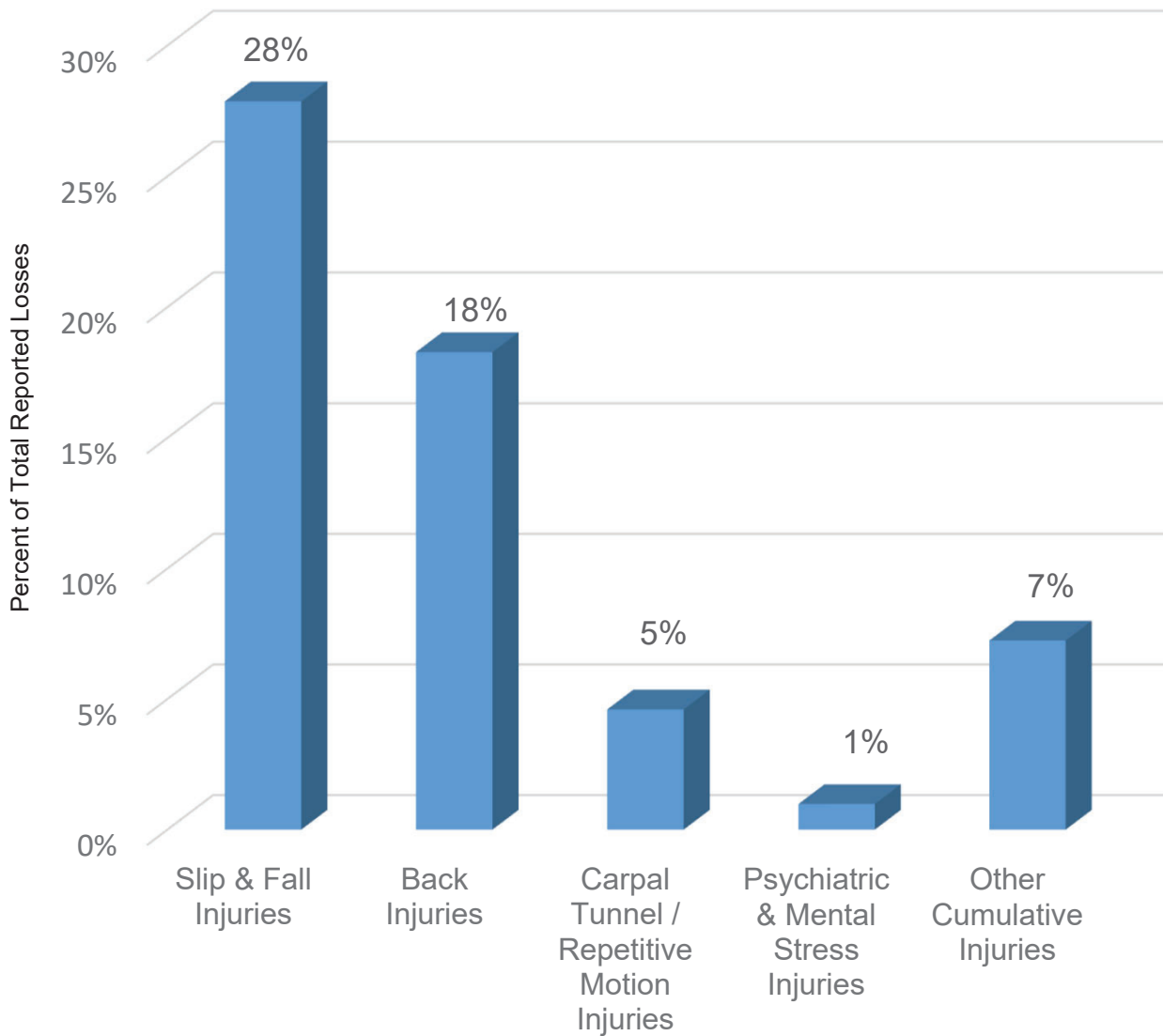
Source: WCIRB unit statistical data at first report level

Policy Year 2019 Permanent Disability Summary
All Injuries

<u>Percent Disability</u>	<u>Number of Claims</u>	<u>Incurred Ed. Voucher/ Voc. Rehab.(\$)</u>	<u>Paid Indemnity(\$)</u>	<u>Incurred Indemnity(\$)</u>	<u>Paid Medical(\$)</u>	<u>Incurred Medical(\$)</u>
1 - 4	9,786	2,319,735	71,614,587	123,061,647	64,747,546	146,252,015
5 - 9	13,233	6,509,425	130,033,918	246,750,788	113,921,119	289,720,847
10 - 14	10,027	13,228,233	132,546,574	262,179,436	105,607,767	270,360,668
15 - 19	5,157	3,935,019	77,977,715	167,468,231	66,423,264	167,529,545
20 - 24	1,781	2,368,346	35,044,073	81,038,563	31,463,436	82,054,236
Unknown	557	167,399	10,610,899	28,875,082	14,654,511	31,778,306
Minor Total	40,541	28,528,157	457,827,766	909,373,747	396,817,643	987,695,617
25 - 29	949	1,700,947	21,063,873	50,288,226	24,285,867	57,582,724
30 - 34	637	1,163,039	15,744,841	40,599,551	19,475,486	49,792,886
35 - 39	275	480,582	7,824,227	20,886,013	9,289,831	24,152,024
40 - 44	241	444,443	6,699,124	20,041,832	13,519,273	29,441,202
45 - 49	121	237,597	3,932,723	12,133,872	9,619,602	22,608,437
50 - 54	129	251,463	4,434,448	13,411,914	9,575,869	26,184,650
55 - 59	63	136,150	1,753,886	7,844,792	4,899,606	14,889,855
60 - 64	41	54,855	1,840,599	5,040,618	4,012,701	10,242,420
65 - 69	48	124,000	2,313,531	8,988,443	7,384,015	18,971,108
70 - 74	54	155,550	2,279,660	18,202,392	8,652,201	34,153,397
75 - 79	25	60,000	961,763	5,965,235	2,608,155	12,521,991
80 - 84	14	50,850	608,903	5,717,734	3,894,694	12,335,278
85 - 89	13	10,225	1,366,995	3,844,542	4,787,509	7,704,913
90 - 94	3	0	80,044	738,087	786,450	1,685,135
95 - 99	8	18,000	316,893	3,281,980	1,525,156	6,142,446
Unknown	54	132,000	1,370,424	13,776,393	6,571,626	19,117,944
Major Total	2,675	5,019,701	72,591,934	230,761,624	130,888,041	347,526,410
Permanent Total	66	36,210	2,514,830	76,005,573	42,025,001	189,016,603
Grand Total	43,282	33,584,068	532,934,530	1,216,140,944	569,730,685	1,524,238,630

Source: WCIRB unit statistical data at first report level

Total Reported Losses* on Permanent Disability Claims by Type of Injury
for Policy Year 2019**

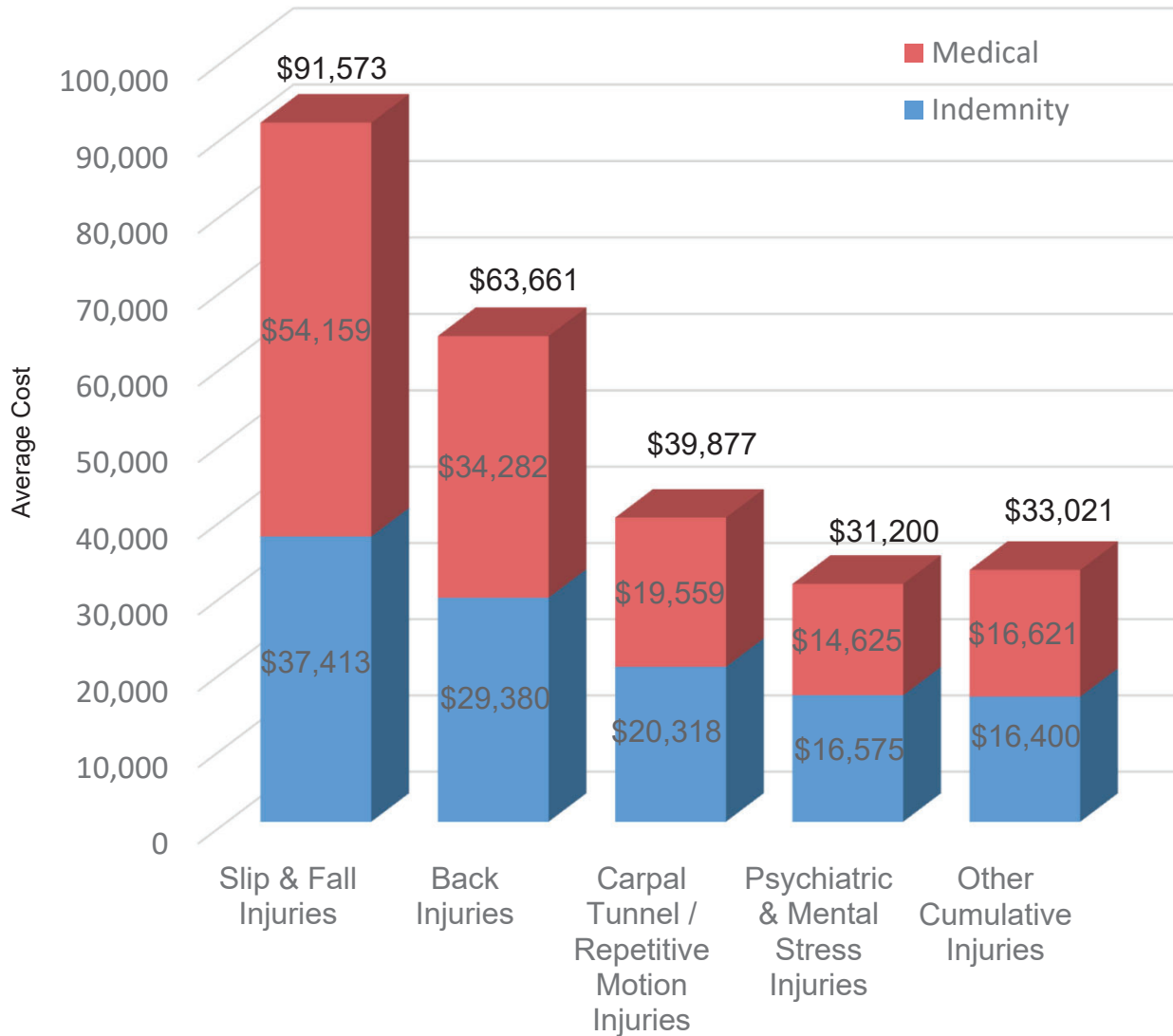


* These costs are based on claim data evaluated as of 18 months from inception of each 2019 policy and are not developed to an ultimate basis.

** These categories are not mutually exclusive. For example, some back injuries result from slips and falls.

Source: WCIRB unit statistical data at first report level

**Average Cost (Undeveloped)* Per Permanent Disability Claim
by Type of Injury**
for Policy Year 2019**



* These costs are based on claim data evaluated as of 18 months from inception of each 2019 policy and are not developed to an ultimate basis.

** These categories are not mutually exclusive. For example, some back injuries result from slips and falls.

Source: WCIRB unit statistical data at first report level

Paid Vocational Rehabilitation by Calendar Year

Category	2021			2020			2019			2018			2017		
	Voc. Rehab. Paid(\$000)	% of Total Voc. Rehab.	% of Total Paid Indemnity	Voc. Rehab. Paid(\$000)	% of Total Voc. Rehab.	% of Total Paid Indemnity	Voc. Rehab. Paid(\$000)	% of Total Voc. Rehab.	% of Total Paid Indemnity	Voc. Rehab. Paid(\$000)	% of Total Voc. Rehab.	% of Total Paid Indemnity	Voc. Rehab. Paid(\$000)	% of Total Voc. Rehab.	% of Total Paid Indemnity
Education Vouchers	64,919	96.8%	1.8%	70,605	96.7%	1.9%	70,595	96.6%	1.8%	84,280	96.6%	2.3%	79,409	96.8%	2.1%
Other Voc. Rehab.	2,159	3.2%	0.1%	2,409	3.3%	0.1%	2,484	3.4%	0.1%	2,968	3.4%	0.1%	2,619	3.2%	0.1%
Total Vocational Rehabilitation	67,078	100.0%	1.8%	73,014	100.0%	2.0%	73,079	100.0%	1.9%	87,248	100.0%	2.3%	82,028	100.0%	2.2%

Source: WCIRB calendar year calls for experience and Permanent Disability Claims Survey

Insurer Underwriting Experience by Calendar Year

	2021		2020 ^[1]		2019 ^[1]		2018 ^[1]		2017	2016	2015	2014	2013	2012	2011	2010	2009
Direct Earned Premium (\$ in Millions)																	
Gross of Deductible Credits	\$13,630		\$14,084		\$16,118		\$17,427		\$17,671	\$17,949	\$17,110	\$16,227	\$14,382	\$12,084	\$10,440	\$9,632	\$9,068
Direct Losses & Expenses (\$ in Millions)																	
	As Percentage of Earned Premium																
1 Paid Losses																	
a. Indemnity																	
i. Insurer	\$3,790	27.8%	26.0%	23.5%	21.4%	20.8%	19.8%	20.0%	20.5%	23.1%	26.2%	28.3%	28.8%	30.1%			
ii. CIGA ^[2]	\$25	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.3%	0.4%	0.3%	0.3%	0.5%	0.6%	0.8%			
iii. Total Indemnity Paid	\$3,815	28.0%	26.2%	23.7%	21.6%	21.0%	20.0%	20.3%	20.9%	23.4%	26.5%	28.8%	29.4%	30.9%			
b. Medical																	
i. Insurer	\$4,296	31.5%	29.5%	28.0%	26.1%	26.1%	26.2%	27.7%	30.0%	35.4%	39.1%	41.8%	43.9%	44.7%			
ii. CIGA ^[2]	\$61	0.4%	0.4%	0.6%	0.7%	0.8%	0.7%	0.9%	1.0%	0.9%	0.9%	0.8%	1.0%	1.1%			
iii. Total Medical Paid	\$4,357	32.0%	29.9%	28.6%	26.8%	26.8%	26.9%	28.7%	31.0%	36.2%	40.1%	42.6%	44.9%	45.9%			
c. Total Paid Losses																	
i. Insurer	\$8,086	59.3%	55.5%	51.5%	47.5%	46.8%	46.0%	47.8%	50.5%	58.4%	65.3%	70.1%	72.7%	74.8%			
ii. CIGA ^[2]	\$85	0.6%	0.6%	0.8%	0.9%	1.0%	0.9%	1.2%	1.4%	1.2%	1.3%	1.3%	1.6%	1.9%			
iii. Total Losses Paid	\$8,172	60.0%	56.1%	52.3%	48.4%	47.9%	46.9%	49.0%	51.9%	59.6%	66.6%	71.4%	74.2%	76.7%			
2 Change in Insurer Reserves ^[3]	(\$328)	-2.4%	-5.0%	-3.3%	-4.6%	6.8%	13.8%	14.4%	17.5%	13.3%	11.0%	3.9%	1.3%	-1.7%			
3 Insurer Losses Incurred [1c.i. + 2]	\$7,758	56.9%	50.6%	48.1%	42.9%	53.7%	59.8%	62.2%	68.0%	71.7%	76.3%	74.0%	73.9%	73.2%			
4 Insurer Loss Adjustment Expenses (LAE)																	
a. Allocated	\$1,322	9.7%	7.9%	7.6%	9.1%	9.4%	9.7%	11.8%	11.6%	12.0%	11.7%	11.4%	9.9%	9.8%			
b. Unallocated ^[3]	\$840	6.2%	4.9%	5.6%	5.6%	9.4%	6.1%	6.2%	6.1%	6.3%	6.2%	13.9%	10.2%	11.0%			
c. Total LAE	\$2,162	15.9%	12.8%	13.2%	14.7%	18.8%	15.8%	18.0%	17.8%	18.3%	18.0%	25.3%	20.1%	20.8%			
5 Commissions & Brokerage	\$1,270	9.3%	8.6%	8.4%	7.7%	7.9%	7.8%	7.3%	7.3%	7.4%	7.8%	8.2%	7.6%	7.7%			
6 Other Acquisition Expenses	\$541	4.0%	4.3%	4.2%	3.6%	3.8%	3.8%	3.5%	3.5%	3.6%	3.7%	4.9%	5.5%	5.6%			
7 General Expenses	\$1,092	8.0%	6.8%	5.9%	5.5%	5.5%	4.8%	4.7%	5.0%	5.0%	6.5%	7.6%	7.3%	7.2%			
8 Premium & Other Taxes	\$298	2.2%	2.4%	2.0%	2.1%	2.0%	2.1%	2.1%	1.8%	2.3%	2.4%	2.2%	2.4%	1.9%			
9 Insurer Total Expenses [4c + 5 + 6 + 7 + 8]	\$5,362	39.3%	34.9%	33.9%	33.7%	38.0%	34.2%	35.7%	35.3%	36.6%	38.4%	48.2%	42.8%	43.2%			
10 Insurer Total Losses & Expenses [3 + 9]	\$13,121	96.3%	85.5%	82.1%	76.6%	91.7%	94.0%	97.8%	103.3%	108.3%	114.7%	122.2%	116.7%	116.4%			
11 Insurer Policyholder Dividends	\$77	0.6%	1.2%	0.2%	0.2%	0.2%	0.2%	0.4%	0.4%	0.4%	0.9%	0.1%	0.2%	0.2%			
12 Insurer Pre-Tax Underwriting Profit (Loss) ^[4]	\$433	3.2%	13.3%	17.7%	23.2%	8.1%	5.8%	1.8%	-3.8%	-8.7%	-15.6%	-22.3%	-16.9%	-16.6%			
[100% - 10 - 11] x Earned Premium (\$ in Millions)			\$1,872	\$2,860	\$4,047	\$1,437	\$1,036	\$308	(\$615)	(\$1,245)	(\$1,886)	(\$2,326)	(\$1,629)	(\$1,505)			

Notes:

^[1] Figures have been updated since the issuance of last year's report.

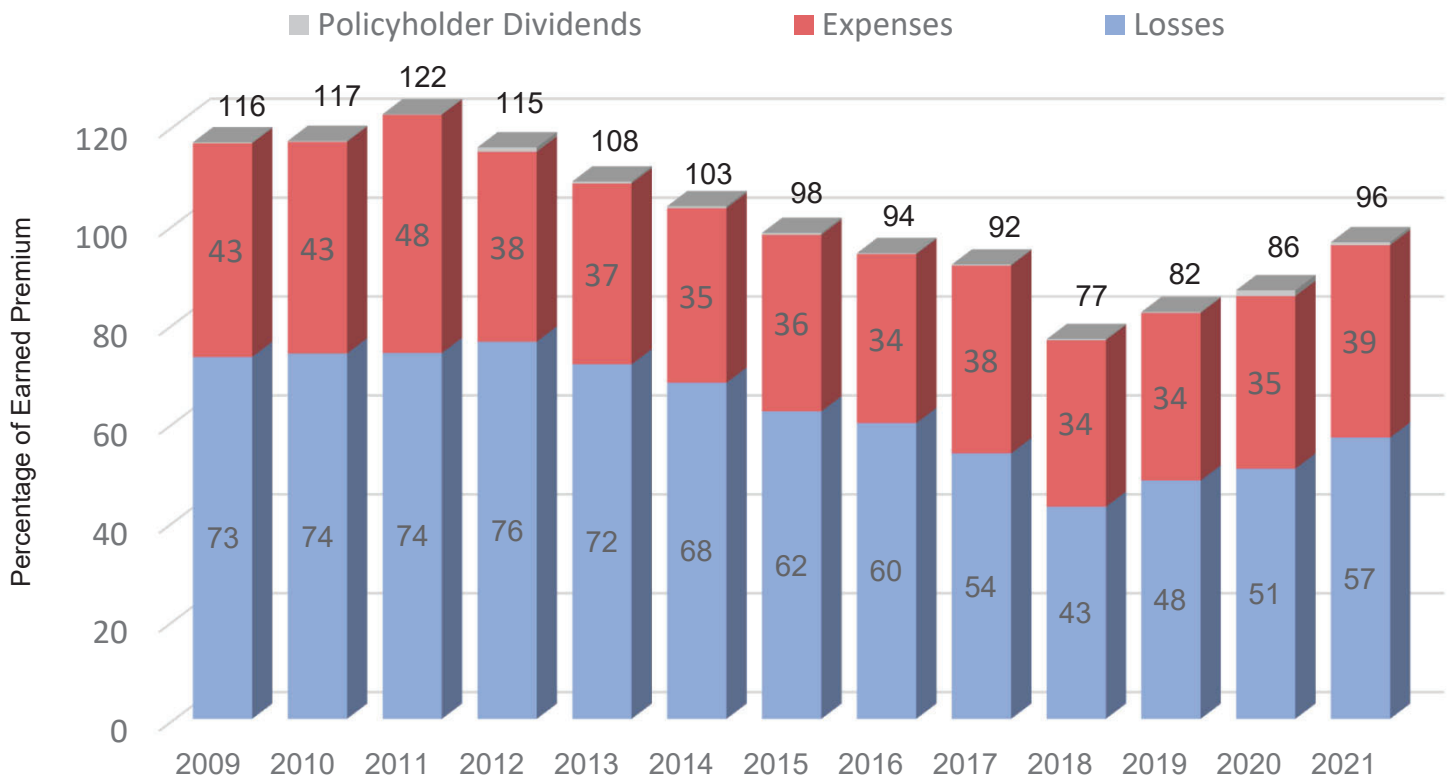
^[2] CIGA loss payments are shown above for informational purposes only, and are not included in the Insurer Pre-Tax Underwriting Profit (Loss) (line 12).

^[3] 2011 figures include a reallocation made by the State Compensation Insurance Fund to move \$500 million of reserves from loss to ULAE. 2017 figures include a reallocation made by the State Compensation Insurance Fund to move \$450 million of reserves from loss to ULAE.

^[4] Insurer Pre-Tax Underwriting Profit (Loss) represents only the underwriting profit (loss) of California workers' compensation insured policies, and is prior to reinsurance assumed or ceded, prior to the application of deductible credits or retrospective rating plan adjustments, and does not include any provision for investment income or federal income taxes. (See NAIC's *Report on Profitability By Line By State*, which is published annually, for an estimate of the overall profitability of California workers' compensation.)

Source: WCIRB expense calls.

Insurer Underwriting Experience



Source: WCIRB expense calls.

Summary of Claims by Cause of Injury - Policy Year 2019

Cause of Injury		Number of Claims	Percentage of Claims	Incurred Losses(\$)	Percentage of Total Losses
56	Strain by - Lifting	36,700	9.8%	450,932,711	9.1%
31	Fall, Slip or Trip Injury, NOC	18,771	5.0%	331,032,232	6.7%
98	Cumulative, NOC	16,456	4.4%	330,567,828	6.7%
60	Strain or Injury By, NOC	25,655	6.8%	324,175,690	6.5%
99	Other - Miscellaneous, NOC	22,438	6.0%	285,322,603	5.8%
29	Fall - On Same Level	17,335	4.6%	274,733,410	5.5%
25	Fall - From Different Level (Elevation)	5,988	1.6%	274,491,010	5.5%
97	Strain by - Repetitive Motion	16,637	4.4%	261,599,160	5.3%
26	Fall - From Ladder or Scaffolding	5,069	1.3%	224,871,531	4.5%
57	Strain by - Pushing or Pulling	13,460	3.6%	186,754,167	3.8%
75	Struck or Injured By - Falling or Flying Object	13,561	3.6%	169,561,814	3.4%
45	Motor Vehicle - Collision or Sideswipe with Another Vehicle	4,304	1.1%	111,840,942	2.3%
53	Strain by - Twisting	7,979	2.1%	104,840,395	2.1%
77	Struck or Injured By - Motor Vehicle	1,834	0.5%	93,094,973	1.9%
50	Motor Vehicle, NOC	2,682	0.7%	87,158,765	1.8%
83	Pandemic	6,598	1.8%	86,278,477	1.7%
81	Struck or Injured By, NOC	9,205	2.5%	83,694,772	1.7%
55	Strain by - Holding or Carrying	6,003	1.6%	73,737,046	1.5%
79	Struck or Injured By - Object Being Lifted or Handled	8,062	2.1%	70,443,930	1.4%
10	Caught in - Machine or Machinery	2,698	0.7%	67,765,205	1.4%
33	Fall - On Stairs	3,895	1.0%	59,263,889	1.2%
27	Fall - From Liquid or Grease Spills	4,011	1.1%	58,913,572	1.2%
58	Strain by - Reaching	4,127	1.1%	51,192,015	1.0%
68	Struck or Stepped On - Stationary Object	7,277	1.9%	50,749,732	1.0%
30	Slip or Trip But Did Not Fall	3,344	0.9%	47,112,129	0.9%
13	Caught In, Under or Between, NOC	4,833	1.3%	45,855,478	0.9%
74	Struck or Injured By - Fellow Workers, Patient or Other Person	5,283	1.4%	44,642,796	0.9%
90	Other than Physical Cause of Injury	4,057	1.1%	44,408,298	0.9%
94	Rubbed or Abraded By - Repetitive Motion	2,899	0.8%	42,692,193	0.9%
19	Cut, Puncture, Scrape or Injured By, NOC	14,614	3.9%	40,943,491	0.8%
12	Caught in - Object Handled	4,832	1.3%	38,073,052	0.8%
70	Striking Against or Stepping On, NOC	5,778	1.5%	37,131,128	0.7%
18	Cut or Puncture by - Powered Hand Tool, Appliance	3,382	0.9%	36,269,824	0.7%
17	Cut or Puncture by - Object Being Lifted or Handled	8,561	2.3%	34,960,530	0.7%
59	Strain by - Using Tool or Machinery	2,336	0.6%	33,963,819	0.7%
48	Motor Vehicle - Vehicle Upset	367	0.1%	32,647,859	0.7%
28	Fall - Into Openings	1,049	0.3%	28,687,863	0.6%
89	Person in Act of a Crime	1,269	0.3%	26,322,216	0.5%
80	Struck or Injured By - Object Handled by Others	1,725	0.5%	24,729,082	0.5%
76	Struck or Injured By - Hand Tool or Machine in Use	2,681	0.7%	23,002,119	0.5%
84	Burn or Scald - Electrical Current	453	0.1%	22,299,467	0.4%
54	Strain by - Jumping or Leaping	1,435	0.4%	20,514,102	0.4%
85	Struck or Injured By - Animal or Insect	7,117	1.9%	20,210,022	0.4%
16	Cut or Puncture by - Hand Tool, Utensils; Not Powered	9,104	2.4%	18,049,714	0.4%
02	Burn or Scald - Hot Objects or Substances	2,208	0.6%	17,422,750	0.4%
46	Motor Vehicle - Collision with a Fixed Object	478	0.1%	17,206,811	0.3%
66	Struck or Stepped On - Object Being Lifted or Handled	2,224	0.6%	14,077,833	0.3%
78	Struck or Injured By - Moving Parts of Machine	938	0.2%	13,837,478	0.3%
82	Absorption, Ingestion or Inhalation, NOC	2,936	0.8%	11,652,982	0.2%
47	Motor Vehicle - Crash of Airplane	14	0.0%	11,265,160	0.2%
87	Foreign Matter (Body) in Eye(s)	7,638	2.0%	10,678,723	0.2%
05	Burn or Scald - Steam or Hot Fluids	1,818	0.5%	9,012,555	0.2%
01	Burn or Scald - Chemicals	1,933	0.5%	8,686,201	0.2%
09	Burn or Scald - Contact With, NOC	1,536	0.4%	8,325,224	0.2%
69	Struck or Stepped On - Stepping on Sharp Object	1,473	0.4%	8,108,557	0.2%
32	Fall - On Ice or Snow	632	0.2%	7,769,441	0.2%
15	Cut or Puncture by - Broken Glass	2,034	0.5%	5,992,364	0.1%
86	Struck or Injured By - Explosion or Flare Back	96	0.0%	5,799,779	0.1%
65	Struck or Stepped On - Moving Part of Machine	569	0.2%	5,745,587	0.1%
04	Burn or Scald - Fire or Flame	267	0.1%	4,637,235	0.1%
03	Burn or Scald - Temperature Extremes	619	0.2%	4,001,197	0.1%
20	Caught in - Collapsing Materials (Slides of Earth)	134	0.0%	3,939,077	0.1%
61	Strain by - Welding or Throwing	268	0.1%	3,409,848	0.1%
93	Gunshot	17	0.0%	2,624,932	0.1%
06	Burn or Scald - Dusts, Gases, Fumes or Vapors	809	0.2%	2,422,561	0.0%
95	Rubbed or Abraded By, NOC	343	0.1%	2,025,300	0.0%
52	Strain by - Continual Noise	162	0.0%	1,582,828	0.0%
67	Struck or Stepped On - Sanding, Scraping, Cleaning Operation	102	0.0%	889,363	0.0%
40	Motor Vehicle - Crash of Water Vehicle	11	0.0%	768,280	0.0%
11	Burn or Scald - Cold Objects or Substances	159	0.0%	466,965	0.0%
07	Burn or Scald - Welding Operations	116	0.0%	336,722	0.0%
96	Terrorism	28	0.0%	332,743	0.0%
41	Motor Vehicle - Crash of Rail Vehicle	10	0.0%	219,202	0.0%
14	Burn or Scald - Abnormal Air Pressure	43	0.0%	146,041	0.0%
91	Mold	31	0.0%	139,899	0.0%
08	Burn or Scald - Radiation	60	0.0%	97,653	0.0%
88	Natural Disasters	19	0.0%	65,172	0.0%
Total		375,589	100.0%	4,959,217,514	100.0%

Source: WCIRB unit statistical data at first report level

Summary of Claims by Nature of Injury - Policy Year 2019

Nature of Injury		Number of Claims	Percentage of Claims	Incurred Losses(\$)	Percentage of Total Losses
52	Strain or Tear	105,969	28.2%	1,338,428,582	27.0%
59	All Other Specific Injuries, NOC	34,075	9.1%	552,229,432	11.1%
28	Fracture	11,375	3.0%	551,950,058	11.1%
49	Sprain or Tear	30,200	8.0%	400,101,569	8.1%
10	Contusion	45,899	12.2%	382,346,015	7.7%
80	All Other Cumulative Injury, NOC	15,801	4.2%	339,505,317	6.8%
90	Multiple Physical Injuries Only	10,893	2.9%	237,742,611	4.8%
40	Laceration	39,318	10.5%	176,902,018	3.6%
37	Inflammation	12,371	3.3%	172,730,491	3.5%
83	COVID-19	6,800	1.8%	87,467,298	1.8%
16	Dislocation	1,880	0.5%	86,247,091	1.7%
13	Crushing	4,681	1.2%	84,043,197	1.7%
04	Burn	6,421	1.7%	71,171,602	1.4%
02	Amputation	592	0.2%	65,625,533	1.3%
07	Concussion	1,798	0.5%	65,239,100	1.3%
77	Mental Stress	3,134	0.8%	49,156,425	1.0%
43	Puncture	16,082	4.3%	36,435,865	0.7%
34	Hernia	1,956	0.5%	34,298,951	0.7%
78	Carpal Tunnel Syndrome	1,438	0.4%	33,998,420	0.7%
91	Multiple Injuries Including Both Physical and Psychological	1,356	0.4%	33,476,584	0.7%
46	Rupture	591	0.2%	26,872,097	0.5%
41	Myocardial Infarction	1,683	0.4%	18,347,607	0.4%
19	Electric Shock	427	0.1%	15,852,525	0.3%
01	No Physical Injury	2,907	0.8%	15,401,237	0.3%
71	All Other Occupational Disease Injury, NOC	1,853	0.5%	14,876,273	0.3%
25	Foreign Body	8,037	2.1%	13,001,138	0.3%
32	Heat Prostration	486	0.1%	8,351,592	0.2%
69	Mental Disorder	460	0.1%	7,832,902	0.2%
36	Infection	990	0.3%	7,177,593	0.1%
65	Respiratory Disorders	832	0.2%	4,857,527	0.1%
53	Syncope	590	0.2%	3,913,512	0.1%
55	Vascular	121	0.0%	3,545,036	0.1%
68	Dermatitis	2,172	0.6%	2,675,474	0.1%
47	Severance	119	0.0%	2,602,099	0.1%
60	Dust Disease, NOC	70	0.0%	2,542,990	0.1%
31	Hearing Loss or Impairment	211	0.1%	2,024,269	0.0%
30	Freezing	145	0.0%	1,833,863	0.0%
73	Contagious Disease	787	0.2%	1,568,417	0.0%
42	Poisoning - General	250	0.1%	1,255,767	0.0%
72	Loss of Hearing	118	0.0%	1,234,928	0.0%
58	Vision Loss	185	0.0%	1,150,624	0.0%
66	Poisoning - Chemical	215	0.1%	846,817	0.0%
74	Cancer	18	0.0%	397,700	0.0%
03	Angina Pectoris	50	0.0%	354,441	0.0%
70	Radiation	14	0.0%	327,486	0.0%
75	Psychiatric	29	0.0%	323,073	0.0%
61	Asbestosis	74	0.0%	276,960	0.0%
67	Poisoning - Metal	28	0.0%	259,213	0.0%
76	VDT-Related Diseases	17	0.0%	213,912	0.0%
22	Enucleation	5	0.0%	102,196	0.0%
54	Asphyxiation	45	0.0%	93,343	0.0%
79	Hepatitis Losses	20	0.0%	68,752	0.0%
63	Byssinosis	1	0.0%	17,000	0.0%
62	Black Lung	1	0.0%	733	0.0%
Total		375,590	100.0%	4,959,295,255	100.0%

Source: WCIRB unit statistical data at first report level

Summary of Claims by Part of Body - Policy Year 2019

Part of Body		Number of Claims	Percentage of Claims	Incurred Losses(\$)	Percentage of Total Losses
90	Multiple Body Parts - Multiple Body Parts	36,301	9.7%	714,196,144	14.5%
42	Trunk - Lower Back Area	42,682	11.4%	574,159,254	11.7%
38	Upper Extremities - Shoulder(s)	22,886	6.1%	456,800,029	9.3%
53	Lower Extremities - Knee	24,402	6.5%	433,902,011	8.8%
34	Upper Extremities - Wrist	15,234	4.1%	177,902,510	3.6%
55	Lower Extremities - Ankle	14,681	3.9%	173,041,578	3.5%
35	Upper Extremities - Hand	23,342	6.2%	162,278,899	3.3%
36	Upper Extremities - Finger(s)	33,722	9.0%	162,000,696	3.3%
54	Lower Extremities - Lower Leg	7,470	2.0%	121,628,649	2.5%
12	Head - Brain	1,810	0.5%	121,048,026	2.5%
56	Lower Extremities - Foot	12,252	3.3%	119,433,054	2.4%
91	Multiple Body Parts - Body Systems and Multiple Body	6,529	1.7%	94,877,102	1.9%
30	Upper Extremities - Multiple Upper Extremities	5,781	1.5%	91,920,661	1.9%
10	Head - Multiple Head Injury	7,127	1.9%	90,316,602	1.8%
18	Head - Soft Tissue	6,982	1.9%	89,692,709	1.8%
33	Upper Extremities - Lower Arm	10,541	2.8%	87,653,794	1.8%
32	Upper Extremities - Elbow	6,766	1.8%	86,900,657	1.8%
41	Trunk - Upper Back Area	6,921	1.8%	83,966,185	1.7%
31	Upper Extremities - Upper Arm	5,312	1.4%	83,415,025	1.7%
44	Trunk - Chest	4,799	1.3%	77,092,751	1.6%
25	Neck - Soft Tissue	3,786	1.0%	65,997,141	1.3%
51	Lower Extremities - Hip	2,662	0.7%	63,359,474	1.3%
61	Trunk - Abdomen Including Groin	5,638	1.5%	61,997,033	1.3%
11	Head - Skull	2,339	0.6%	60,385,724	1.2%
50	Lower Extremities - Multiple Lower Extremities	3,237	0.9%	57,479,073	1.2%
60	Trunk - Lungs	4,008	1.1%	48,703,773	1.0%
37	Upper Extremities - Thumb	9,924	2.7%	47,160,309	1.0%
39	Upper Extremities - Wrist(s) & Hand(s)	2,929	0.8%	45,934,243	0.9%
63	Trunk - Lumbar and /or Sacral Vertebrae	2,381	0.6%	43,175,563	0.9%
65	Multiple Body Parts - Insufficient Info to Classify	2,901	0.8%	40,826,087	0.8%
66	Multiple Body Parts - No Physical Injury	3,234	0.9%	38,076,077	0.8%
52	Lower Extremities - Upper Leg	2,500	0.7%	35,081,292	0.7%
22	Neck - Disc	846	0.2%	33,091,675	0.7%
43	Trunk - Disc	1,607	0.4%	32,290,385	0.7%
14	Head - Eye(s)	13,746	3.7%	31,772,300	0.6%
20	Neck - Multiple Neck Injury	1,952	0.5%	30,355,830	0.6%
48	Trunk - Internal Organs	1,161	0.3%	29,480,846	0.6%
21	Neck - Vertebrae	709	0.2%	27,508,634	0.6%
40	Trunk - Multiple Trunk	2,468	0.7%	27,396,503	0.6%
46	Trunk - Pelvis	484	0.1%	18,097,773	0.4%
57	Lower Extremities - Toe	2,182	0.6%	14,666,274	0.3%
19	Head - Facial Bones	850	0.2%	10,737,063	0.2%
15	Head - Nose	1,052	0.3%	8,791,791	0.2%
58	Lower Extremities - Great Toe	1,393	0.4%	6,678,252	0.1%
13	Head - Ear(s)	1,089	0.3%	6,278,467	0.1%
16	Head - Teeth	684	0.2%	6,237,520	0.1%
47	Trunk - Spinal Cord	311	0.1%	6,202,351	0.1%
17	Head - Mouth	1,094	0.3%	5,412,557	0.1%
62	Trunk - Buttocks	645	0.2%	5,344,535	0.1%
49	Trunk - Heart	255	0.1%	4,532,619	0.1%
23	Neck - Spinal Cord	143	0.0%	4,322,645	0.1%
45	Trunk - Sacrum and Coccyx	245	0.1%	3,382,890	0.1%
24	Neck - Larynx	160	0.0%	1,894,076	0.0%
64	Multiple Body Parts - Artificial Appliance	14	0.0%	769,527	0.0%
26	Neck - Trachea	62	0.0%	185,738	0.0%
Total		374,231	100.0%	4,925,832,376	100.0%

Source: WCIRB unit statistical data at first report level

Notice

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