

The following table is provided in response to RCW 49.17.520. This legislation repeals the prohibition on regulating working practices related to musculoskeletal injuries and disorders and allows the Washington State Department of Labor & Industries to adopt one rule for either one industry or one risk class in a 12-month period. Washington State workers' compensation data for compensable work-related musculoskeletal disorder (WMSD) claims were analyzed to determine industry or risk class eligibility for ergonomic rule making. Information on how the data were analyzed for this table, and which industries and risk classes have been identified as high priority for rule making is detailed in the 2024 report, 'Industries and Risk Classes Eligible for Ergonomic Rulemaking'.

Compensable¹ WMSD claims by NAICS three-digit subsector code, Washington State, 2018–2022

NAICS code	NAICS description	WMSD claim rate compared to all statewide (Rate Ratio)	WMSD claim rate per 1,000 FTE ²	Predicted ³ rate ratio <2 2025	Number of workers' compensation accounts ⁴	Average number of WMSD claims per year	Average number of FTE ² per year
---	All statewide	1.0	4.3	-	283,890	11,776.4	2,717,228.6
111	Crop Production	0.8	3.4	Y	5,761	173.6	50,966.5
112	Animal Production and Aquaculture	1.2	5.3	Y	1,067	43.8	8,281.0
113	Forestry and Logging	1.5	6.6	Y	575	19.6	2,986.5
114	Fishing, Hunting and Trapping	2.6	11.4	N	78	7.0	612.7
115	Support Activities for Agriculture and Forestry	1.0	4.1	Y	1,892	121.6	29,506.5
211	Oil and Gas Extraction	0.0	0.0	Y	2	0.0	41.1
212	Mining (except Oil and Gas)	1.3	5.8	Y	118	12.0	2,068.8
213	Support Activities for Mining	0.7	3.2	Y	74	1.4	444.0
221	Utilities	0.7	3.2	Y	404	43.2	13,396.3
236	Construction of Buildings	1.2	5.4	Y	13,850	249.0	46,283.8
237	Heavy and Civil Engineering Construction	1.0	4.5	Y	1,507	92.8	20,491.1
238	Specialty Trade Contractors	1.3	5.7	Y	25,447	674.0	117,799.9
311	Food Manufacturing	1.8	7.8	Y	1,382	248.8	31,853.7
312	Beverage and Tobacco Product Manufacturing	1.3	5.5	Y	987	45.0	8,199.5
313	Textile Mills	0.7	3.2	Y	67	2.2	683.5
314	Textile Product Mills	0.8	3.4	Y	184	5.6	1,635.5
315	Apparel Manufacturing	0.4	1.8	Y	108	1.8	992.8
316	Leather and Allied Product Manufacturing	0.8	3.5	Y	40	1.2	340.8

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321	Wood Product Manufacturing	1.6	6.9	Y	452	77.0	11,109.1
322	Paper Manufacturing	1.2	5.0	Y	91	31.4	6,288.5
323	Printing and Related Support Activities	0.4	1.8	Y	588	6.0	3,372.0
324	Petroleum and Coal Products Manufacturing	0.4	1.8	Y	23	3.6	1,998.9
325	Chemical Manufacturing	0.6	2.7	Y	342	41.0	15,330.5
326	Plastics and Rubber Products Manufacturing	1.4	6.1	Y	232	43.4	7,142.6
327	Nonmetallic Mineral Product Manufacturing	1.2	5.1	Y	305	36.6	7,156.5
331	Primary Metal Manufacturing	1.8	7.7	Y	125	38.8	5,026.4
332	Fabricated Metal Product Manufacturing	1.1	4.6	Y	1,263	81.2	17,610.1
333	Machinery Manufacturing	0.7	2.9	Y	451	26.0	8,994.0
334	Computer and Electronic Product Manufacturing	0.3	1.3	Y	411	19.0	14,269.4
335	Electrical Equipment, Appliance, and Component Manufacturing	0.2	0.9	Y	150	3.6	3,859.3
336	Transportation Equipment Manufacturing	1.6	7.1	Y	482	579.2	81,590.0
337	Furniture and Related Product Manufacturing	1.7	7.4	Y	444	40.2	5,432.3
339	Miscellaneous Manufacturing	0.5	2.3	Y	993	22.0	9,528.8
423	Merchant Wholesalers, Durable Goods	0.8	3.3	Y	7,571	224.0	67,252.7
424	Merchant Wholesalers, Nondurable Goods	2.0	8.5	Y	4,387	439.8	51,860.4
425	Wholesale Trade Agents and Brokers	0.5	2.2	Y	4,201	34.6	15,481.2
441	Motor Vehicle and Parts Dealers	1.0	4.5	Y	2,229	177.0	39,569.3

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442	Furniture and Home Furnishings Stores	1.4	6.1	Y	879	42.8	6,987.5
443	Electronics and Appliance Stores	0.6	2.4	Y	796	25.6	10,536.4
444	Building Material and Garden Equipment and Supplies Dealers	1.6	6.7	Y	1,467	208.4	30,911.3
445	Food and Beverage Retailers	2.2	9.5	N	3,061	481.2	50,603.0
446	Health and Personal Care Stores	0.5	2.0	Y	962	24.6	12,159.8
447	Gasoline Stations	0.5	2.3	Y	2,064	24.8	10,661.6
448	Clothing and Clothing Accessories Stores	1.7	7.2	N	1,559	272.8	37,851.2
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores	0.5	2.3	Y	1,434	28.2	12,443.0
452	General Merchandise Stores	2.5	11.0	N	248	490.8	44,759.8
453	Miscellaneous Store Retailers	0.9	3.9	Y	3,694	75.4	19,487.3
454	Nonstore Retailers	1.2	5.4	Y	2,235	214.6	40,073.5
481	Air Transportation	4.9	21.3	N	129	247.6	11,651.3
482	Rail Transportation	7.4	32.3	N	1	0.2	6.2
483	Water Transportation	1.0	4.5	Y	48	4.0	885.5
484	Truck Transportation	2.3	10.0	N	3,606	213.6	21,356.4
485	Transit and Ground Passenger Transportation	2.2	9.6	N	334	81.4	8,442.2
486	Pipeline Transportation	0.3	1.4	Y	5	0.2	142.7
487	Scenic and Sightseeing Transportation	0.6	2.7	Y	87	0.8	294.2
488	Support Activities for Transportation	1.0	4.4	Y	1,410	77.6	17,713.5
491	Postal Service	4.6	19.8	N	68	11.8	597.3
492	Couriers and Messengers	4.7	20.5	N	694	338.8	16,538.0
493	Warehousing and Storage	1.7	7.4	Y	358	235.4	31,729.3
511	Publishing Industries (except Internet)T	0.1	0.4	Y	1,205	25.4	62,430.3

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512	Motion Picture and Sound Recording Industries	0.2	0.7	Y	761	1.8	2,758.1
515	Broadcasting (except Internet)T	0.3	1.5	Y	190	4.6	3,125.1
516	Broadcasting and Content Providers	0.0	0.0	Y	34	0.0	555.6
517	Telecommunications	0.3	1.3	Y	294	25.0	19,913.2
518	Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services	0.0	0.2	Y	1,536	2.0	9,230.1
519	Web Search Portals, Libraries, Archives, and Other Information Services	0.1	0.2	Y	730	4.8	21,165.6
521	Monetary Authorities-Central Bank	0.4	1.6	Y	9	1.8	1,135.6
522	Credit Intermediation and Related Activities	0.1	0.3	Y	1,706	10.2	39,067.4
523	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	0.0	0.1	Y	2,332	0.6	11,788.0
524	Insurance Carriers and Related Activities	0.1	0.4	Y	3,924	10.2	28,942.5
525	Funds, Trusts, and Other Financial Vehicles	0.2	1.0	Y	91	1.0	1,047.2
531	Real Estate	0.5	2.2	Y	8,913	125.4	56,732.9
532	Rental and Leasing Services	0.8	3.7	Y	781	32.0	8,707.3
533	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	0.4	1.7	Y	51	0.2	117.2
541	Professional, Scientific, and Technical Services	0.1	0.6	Y	50,090	130.2	218,206.0

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551	Management of Companies and Enterprises	0.4	1.5	Y	374	5.6	3,688.5
561	Administrative and Support Services	1.0	4.3	Y	22,700	616.0	141,615.5
562	Waste Management and Remediation Services	2.3	10.1	N	725	112.0	11,116.3
611	Educational Services	0.6	2.5	Y	5,037	500.0	199,140.7
621	Ambulatory Health Care Services	0.5	2.1	Y	13,090	293.8	139,173.0
622	Hospitals	2.0	8.8	Y	91	854.2	97,298.6
623	Nursing and Residential Care Facilities	2.0	8.7	Y	3,396	489.8	56,397.0
624	Social Assistance	0.8	3.5	Y	4,795	191.4	53,982.1
711	Performing Arts, Spectator Sports, and Related Industries	0.3	1.4	Y	1,141	7.0	4,864.8
712	Museums, Historical Sites, and Similar Institutions	0.5	2.0	Y	203	4.0	1,973.8
713	Amusement, Gambling, and Recreation Industries	0.4	1.9	Y	2,811	29.8	16,047.0
721	Accommodation	1.0	4.4	Y	2,420	111.6	25,453.9
722	Food Services and Drinking Places	0.5	2.0	Y	19,815	273.8	139,853.8
811	Repair and Maintenance	0.9	4.0	Y	6,229	96.4	23,916.7
812	Personal and Laundry Services	0.7	3.2	Y	7,050	81.8	25,246.5
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	0.4	1.6	Y	9,354	76.4	47,631.0
814	Private Households	1.1	4.7	Y	1,335	7.6	1,629.5
921	Executive, Legislative, and Other General Government Support	1.8	7.6	Y	395	580.6	76,276.4
922	Justice, Public Order, and Safety Activities	1.5	6.7	Y	337	139.2	20,910.3

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923	Administration of Human Resource Programs	0.3	1.5	Y	59	25.4	16,999.9
924	Administration of Environmental Quality Programs	0.7	3.2	Y	92	29.6	9,191.9
925	Administration of Housing Programs, Urban Planning, and Community Development	0.7	3.0	Y	42	4.4	1,459.5
926	Administration of Economic Programs	0.9	3.7	Y	170	34.6	9,291.4
928	National Security and International Affairs	1.0	4.4	Y	6	13.2	3,004.8
999	UNKNOWN	.	.	-	.	55.4	10,856.7

¹Only compensable claims were used for this analysis. Compensable claims have expenses beyond medical treatment, including payments for time loss, permanent partial disability awards, total permanent disability, and survivor benefits. Kept-on salary claims are considered compensable claims.

²FTE (full time equivalent): 1 FTE= 2,000 hours

³Trend analysis of a ten-year period (2013–2022) used to predict claim rate in 2025, and was compared to the predicted statewide claim rate in 2025 to calculate the rate ratio. Y=yes; N=no

⁴Number of workers' compensation accounts reporting any hours during 2018–2022