

**Table 1. Number, incidence rate<sup>1</sup>, median days away from work<sup>2</sup> and relative standard errors<sup>3</sup> of occupational injuries and illnesses involving days away from work<sup>4</sup> to selected parts of body with musculoskeletal disorders<sup>5</sup> in selected ownerships for California, 2012**

Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	All Selected Parts	40,220	40.9	21	2.7
private industry	1 HEAD	50	0.1	2	32.2
private industry	13 Face	40	--	2	35.6
private industry	2 NECK- INCLUDING THROAT	550	0.6	30	10.4
private industry	20 Neck- except internal location of diseases or disorders	550	0.6	30	10.4
private industry	3 TRUNK	19,490	19.8	13	2.9
private industry	30 Trunk- unspecified	260	0.3	25	14.9
private industry	31 Chest- including ribs- internal organs	380	0.4	3	12.4
private industry	310 Chest- except internal location of diseases or disorders	380	0.4	3	12.4
private industry	32 Back- including spine- spinal cord	16,130	16.4	13	3.0
private industry	320 Back- including spine- spinal cord- unspecified	5,640	5.7	16	4.0
private industry	321 Thoracic region	660	0.7	5	9.6
private industry	322 Lumbar region	9,150	9.3	12	3.5
private industry	323 Sacral region	20	--	10	51.7
private industry	328 Multiple back regions	640	0.7	16	9.7
private industry	33 Abdomen	1,820	1.8	23	6.1
private industry	330 Abdomen- except internal location of diseases or disorders	1,750	1.8	22	6.2
private industry	331 Internal abdominal location- unspecified	70	0.1	67	28.9
private industry	34 Pelvic region	800	0.8	16	8.8
private industry	341 Hip(s)	270	0.3	20	14.7
private industry	342 Pelvis	20	--	12	55.8
private industry	343 Buttock(s)	20	--	41	56.7
private industry	344 Groin	470	0.5	9	11.2
private industry	38 Multiple trunk locations	80	0.1	57	26.0
private industry	39 Trunk- n.e.c.	20	--	5	58.4
private industry	4 UPPER EXTREMITIES	12,270	12.5	34	3.2
private industry	40 Upper extremities- unspecified	80	0.1	113	26.8
private industry	41 Shoulder(s)- including clavicle(s)- scapula(e)	4,090	4.2	25	4.4
private industry	42 Arm(s)	1,770	1.8	47	6.1
private industry	420 Arm(s)- unspecified	530	0.5	35	10.6
private industry	421 Upper arm(s)	220	0.2	49	16.1
private industry	422 Elbow(s)	720	0.7	60	9.2

See footnotes at end of table

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	423 Forearm(s)	70	0.1	28	27.6
private industry	428 Multiple arm locations	150	0.1	47	19.8
private industry	4281 Elbow(s) and arms(s)	90	0.1	47	24.8
private industry	4289 Multiple arm locations- n.e.c.	50	0.1	17	33.6
private industry	429 Arm(s)- n.e.c.	70	0.1	120	28.4
private industry	43 Wrist(s)	2,890	2.9	32	5.0
private industry	44 Hand(s)	1,320	1.3	18	7.0
private industry	440 Hand(s)- unspecified	610	0.6	29	9.9
private industry	441 Hand(s)- except finger(s)	40	--	10	39.4
private industry	442 Finger(s)- fingernail(s)	530	0.5	10	10.6
private industry	4420 Finger(s)- fingernail(s)- unspecified	410	0.4	10	12.0
private industry	4421 Fingernail(s)- nailbed(s)	30	--	7	45.9
private industry	4422 Fingertip(s)	40	--	4	37.4
private industry	4429 Finger(s)- fingernail(s)- n.e.c.	50	--	30	34.1
private industry	448 Hand(s) and finger(s)	120	0.1	30	22.0
private industry	449 Hand(s)- n.e.c.	20	--	25	52.4
private industry	48 Multiple upper extremities locations	2,130	2.2	41	5.7
private industry	481 Hand(s) and arms(s)	150	0.2	36	19.6
private industry	4810 Hand(s) and arm(s)- unspecified	110	0.1	30	22.3
private industry	4811 Hand(s) and elbow(s)	20	--	36	55.7
private industry	4819 Hand(s) and arm(s)- n.e.c.	20	--	75	59.1
private industry	482 Hand(s) and wrist(s)	450	0.5	25	11.4
private industry	483 Wrist(s) and arm(s)	190	0.2	44	17.5
private industry	4830 Wrist(s) and arm(s)- unspecified	90	0.1	44	25.5
private industry	4831 Wrist(s) and elbow(s)	30	--	70	44.3
private industry	4839 Wrist(s) and arm(s)- n.e.c.	70	0.1	25	28.3
private industry	484 Shoulder(s) and arm(s)	1,050	1.1	41	7.7
private industry	489 Multiple upper extremities locations- n.e.c.	280	0.3	25	14.3
private industry	5 LOWER EXTREMITIES	5,210	5.3	30	4.1
private industry	51 Leg(s)	3,750	3.8	42	4.6
private industry	510 Leg(s)- unspecified	270	0.3	19	14.6

See footnotes at end of table

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	511 Thigh(s)	40	--	29	36.2
private industry	512 Knee(s)	3,110	3.2	46	4.9
private industry	513 Lower leg(s)	140	0.1	5	20.6
private industry	518 Multiple leg locations	150	0.1	153	19.7
private industry	5181 Knee(s) and leg(s)	80	0.1	48	27.3
private industry	5189 Multiple leg locations- n.e.c.	70	0.1	153	28.4
private industry	519 Leg(s)- n.e.c.	40	--	33	37.7
private industry	52 Ankle(s)	790	0.8	7	8.8
private industry	53 Foot (feet)	610	0.6	30	9.9
private industry	530 Foot (feet)- unspecified	190	0.2	23	17.6
private industry	531 Sole(s)	400	0.4	30	12.2
private industry	5313 Heel(s)	390	0.4	30	12.2
private industry	58 Multiple lower extremities locations	60	0.1	7	30.3
private industry	582 Foot (feet) and ankle(s)	20	--	7	58.6
private industry	583 Ankle(s) and leg(s)	20	--	7	57.1
private industry	589 Multiple lower extremities locations- n.e.c.	20	--	141	61.0
private industry	8 MULTIPLE BODY PARTS	2,420	2.5	56	5.4
private industry	80 Multiple body parts- unspecified	520	0.5	46	10.7
private industry	84 Neck and back	220	0.2	40	16.3
private industry	85 Shoulder(s) and back	290	0.3	12	14.2
private industry	86 Hip(s) and leg(s)	50	--	76	34.2
private industry	87 Upper and lower limb(s)	40	--	61	39.6
private industry	89 Other multiple body parts	1,300	1.3	77	7.0
private industry	899 Multiple body parts- n.e.c.	1,300	1.3	77	7.0
private industry	9999 Nonclassifiable	230	0.2	119	16.0
local government	All Selected Parts	10,370	90.1	19	5.1
local government	2 NECK- INCLUDING THROAT	290	2.5	5	19.2
local government	20 Neck- except internal location of diseases or disorders	290	2.5	5	19.2
local government	3 TRUNK	3,830	33.3	14	6.6
local government	31 Chest- including ribs- internal organs	50	0.5	8	44.0
local government	310 Chest- except internal location of diseases or disorders	50	0.5	8	44.0

See footnotes at end of table

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
local government	32 Back- including spine- spinal cord	3,190	27.7	14	7.0
local government	320 Back- including spine- spinal cord- unspecified	1,110	9.7	8	10.5
local government	321 Thoracic region	160	1.4	37	25.5
local government	322 Lumbar region	1,820	15.8	14	8.6
local government	328 Multiple back regions	90	0.8	42	33.8
local government	33 Abdomen	310	2.7	24	18.8
local government	330 Abdomen- except internal location of diseases or disorders	150	1.3	24	26.2
local government	331 Internal abdominal location- unspecified	150	1.3	24	26.5
local government	34 Pelvic region	200	1.7	21	23.3
local government	341 Hip(s)	30	0.3	92	58.0
local government	344 Groin	160	1.4	21	25.4
local government	38 Multiple trunk locations	80	0.7	46	35.5
local government	4 UPPER EXTREMITIES	2,950	25.6	25	7.2
local government	41 Shoulder(s)- including clavicle(s)- scapula(e)	1,290	11.2	26	9.8
local government	42 Arm(s)	470	4.1	16	15.3
local government	420 Arm(s)- unspecified	40	0.3	8	54.5
local government	421 Upper arm(s)	50	0.4	180	47.9
local government	422 Elbow(s)	270	2.3	16	20.1
local government	423 Forearm(s)	40	0.3	5	50.9
local government	428 Multiple arm locations	40	0.3	27	51.1
local government	43 Wrist(s)	430	3.7	37	16.1
local government	44 Hand(s)	290	2.5	8	19.4
local government	440 Hand(s)- unspecified	70	0.6	34	37.9
local government	441 Hand(s)- except finger(s)	60	0.5	8	42.4
local government	442 Finger(s)- fingernail(s)	130	1.1	15	28.7
local government	4422 Fingertip(s)	40	0.3	7	53.3
local government	4429 Finger(s)- fingernail(s)- n.e.c.	70	0.6	17	38.5
local government	48 Multiple upper extremities locations	470	4.1	24	15.4
local government	482 Hand(s) and wrist(s)	130	1.2	44	28.1
local government	484 Shoulder(s) and arm(s)	180	1.6	24	24.2
local government	489 Multiple upper extremities locations- n.e.c.	140	1.2	18	27.7

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
local government	5 LOWER EXTREMITIES	1,990	17.3	14	8.3
local government	51 Leg(s)	1,460	12.7	20	9.3
local government	510 Leg(s)- unspecified	110	0.9	7	31.3
local government	511 Thigh(s)	40	0.4	3	49.7
local government	512 Knee(s)	1,080	9.4	33	10.6
local government	513 Lower leg(s)	180	1.6	14	24.0
local government	519 Leg(s)- n.e.c.	40	0.3	2	53.9
local government	52 Ankle(s)	390	3.4	13	16.7
local government	53 Foot (feet)	120	1.1	5	29.3
local government	530 Foot (feet)- unspecified	100	0.9	5	31.6
local government	8 MULTIPLE BODY PARTS	1,280	11.2	36	9.8
local government	80 Multiple body parts- unspecified	190	1.7	36	23.6
local government	84 Neck and back	180	1.5	27	24.5
local government	85 Shoulder(s) and back	70	0.6	119	39.2
local government	89 Other multiple body parts	790	6.8	42	12.2
local government	899 Multiple body parts- n.e.c.	790	6.8	42	12.2
local government	9999 Nonclassifiable	30	0.3	19	59.9
state government	All Selected Parts	2,920	83.1	27	3.6
state government	2 NECK- INCLUDING THROAT	70	1.9	3	30.5
state government	20 Neck- except internal location of diseases or disorders	70	1.9	3	30.5
state government	3 TRUNK	1,020	28.9	20	7.2
state government	31 Chest- including ribs- internal organs	110	3.0	2	24.0
state government	310 Chest- except internal location of diseases or disorders	110	3.0	2	24.0
state government	32 Back- including spine- spinal cord	750	21.2	23	8.6
state government	320 Back- including spine- spinal cord- unspecified	240	6.7	40	15.8
state government	321 Thoracic region	30	0.8	8	46.2
state government	322 Lumbar region	480	13.6	26	11.0
state government	33 Abdomen	90	2.5	35	26.3
state government	330 Abdomen- except internal location of diseases or disorders	70	2.0	23	29.3
state government	331 Internal abdominal location- unspecified	20	0.5	47	60.2
state government	34 Pelvic region	60	1.8	4	31.1

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
state government	341 Hip(s)	20	0.6	169	52.9
state government	344 Groin	40	1.2	4	38.6
state government	4 UPPER EXTREMITIES	1,000	28.4	33	7.3
state government	40 Upper extremities- unspecified	30	0.9	180	45.2
state government	41 Shoulder(s)- including clavicle(s)- scapula(e)	240	6.8	33	15.7
state government	42 Arm(s)	120	3.3	113	22.8
state government	420 Arm(s)- unspecified	20	0.7	2	50.1
state government	422 Elbow(s)	40	1.0	41	40.8
state government	428 Multiple arm locations	40	1.2	113	37.4
state government	4281 Elbow(s) and arms(s)	40	1.1	113	40.1
state government	43 Wrist(s)	210	6.1	37	16.7
state government	44 Hand(s)	180	5.1	25	18.3
state government	440 Hand(s)- unspecified	90	2.5	10	26.1
state government	442 Finger(s)- fingernail(s)	60	1.6	40	32.9
state government	4420 Finger(s)- fingernail(s)- unspecified	30	0.8	38	45.6
state government	4422 Fingertip(s)	20	0.5	44	62.1
state government	449 Hand(s)- n.e.c.	30	0.9	25	44.0
state government	48 Multiple upper extremities locations	220	6.2	27	16.5
state government	481 Hand(s) and arms(s)	30	0.9	110	45.1
state government	482 Hand(s) and wrist(s)	30	0.8	20	46.3
state government	483 Wrist(s) and arm(s)	20	0.5	89	58.1
state government	484 Shoulder(s) and arm(s)	40	1.3	115	37.2
state government	489 Multiple upper extremities locations- n.e.c.	100	2.8	19	24.8
state government	5 LOWER EXTREMITIES	550	15.7	29	10.1
state government	51 Leg(s)	430	12.2	25	11.6
state government	512 Knee(s)	410	11.6	25	11.9
state government	52 Ankle(s)	80	2.2	93	28.2
state government	53 Foot (feet)	30	0.8	64	45.8
state government	530 Foot (feet)- unspecified	20	0.6	64	53.3
state government	8 MULTIPLE BODY PARTS	280	8.1	56	14.4

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Ownership	Part of body affected <sup>6</sup>	Total Cases	Incidence Rate	Median Days	Relative Standard Error
state government	80 Multiple body parts- unspecified	20	0.6	28	52.3
state government	84 Neck and back	30	0.9	35	43.2
state government	89 Other multiple body parts	220	6.3	56	16.4
state government	899 Multiple body parts- n.e.c.	220	6.3	56	16.4

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N / EH) X 20,000,000 where:

N = number of injuries and illnesses,  
 EH = total hours worked by all employees during the calendar year,  
 20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Median days is the measure used to summarize the varying lengths of time workers were affected by an injury or illness. Half of the cases involved more days and half involved less days than a specified median. Median days are represented in actual values. Median days of job transfer or restriction (DJTR) are not directly comparable to median days away from work (DAFW).

<sup>3</sup> Relative standard errors are a measure of the sampling error of an estimate. Sampling errors occur because observations are made on a sample, not on the entire population. Estimates based on the different possible samples of the same size and sample design could differ. Relative standard errors less than 0.05 are not shown.

<sup>4</sup> Days away from work cases (DAFW) include those which result in days away from work with or without restricted work activity.

<sup>5</sup> Includes cases where the nature of injury is: pinched nerve; herniated disc; meniscus tear; sprains, strains, tears; hernia (traumatic and nontraumatic); pain, swelling, and numbness; carpal or tarsal tunnel syndrome; Raynaud's syndrome or phenomenon; musculoskeletal system and connective tissue diseases and disorders, when the event or exposure leading to the injury or illness is: overexertion and bodily reaction, unspecified; overexertion involving outside sources; repetitive motion involving microtasks; other and multiple exertions or bodily reactions; and rubbed, abraded, or jarred by vibration. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

<sup>6</sup> Occupational Injury and Illness Classification System (OIICS) version 2.01.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, December 13, 2013