

**Table 11. Number of nonfatal occupational injuries and illnesses with days away from work<sup>1</sup> involving musculoskeletal disorders<sup>2</sup> by selected worker and case characteristics, 2003**

(in hundreds)

Characteristic	All cases		Musculoskeletal Disorders	
	Number	Percent	Number	Percent
Total:	13,159.2	100.0	4,351.8	100.0
Male	8,517.9	64.7	2,675.3	61.5
Female	4,590.9	34.9	1,667.8	38.3
Age:				
14 to 15	2.1	0.0	--	--
16 to 19	422.1	3.2	99.6	2.3
20 to 24	1,438.0	10.9	419.4	9.6
25 to 34	3,134.3	23.8	1,019.2	23.4
35 to 44	3,570.5	27.1	1,274.4	29.3
45 to 54	2,846.9	21.6	1,013.1	23.3
55 to 64	1,321.3	10.0	417.8	9.6
65 and over	243.8	1.9	46.9	1.1
Occupation:				
Management, business, financial	266.1	2.0	69.3	1.6
Professional and related	866.2	6.6	320.3	7.4
Service	2,804.1	21.3	960.4	22.1
Sales and related	864.9	6.6	285.0	6.5
Office and administrative support	1,068.7	8.1	393.5	9.0
Farming, fishing, and forestry	161.3	1.2	31.9	0.7
Construction and extractive	1,511.3	11.5	369.4	8.5
Installation, maintenance, and repair	1,097.8	8.3	330.3	7.6
Production	1,883.3	14.3	713.7	16.4
Transportation and material moving	2,599.2	19.8	873.2	20.1
Length of service with employer:				
Less than 3 months	1,584.5	12.0	380.6	8.7
3 months to 11 months	2,636.2	20.0	808.6	18.6
1 year to 5 years	4,812.5	36.6	1,615.3	37.1
More than 5 years	4,027.6	30.6	1,526.3	35.1
Race or ethnic origin:				
White	6,171.6	46.9	2,087.7	48.0
Black or African American	1,084.7	8.2	329.2	7.6
Hispanic or Latino	1,600.8	12.2	432.3	9.9
Asian	154.1	1.2	49.3	1.1
Native Hawaiian or other Pacific Islander	49.9	0.4	12.5	0.3
American Indian or Alaska Native	69.1	0.5	22.9	0.5
Hispanic and other	12.5	0.1	3.5	0.1
Multi-race	13.1	0.1	4.3	0.1
Not reported	4,004.6	30.4	1,410.2	32.4
Number of days away from work:				
Cases involving 1 day	1,876.6	14.3	448.8	10.3
Cases involving 2 days	1,462.9	11.1	431.0	9.9
Cases involving 3-5 days	2,374.9	18.0	784.0	18.0
Cases involving 6-10 days	1,626.1	12.4	559.6	12.9
Cases involving 11-20 days	1,483.4	11.3	559.2	12.8
Cases involving 21-30 days	892.1	6.8	335.2	7.7
Cases involving 31 or more days	3,443.2	26.2	1,234.0	28.4
Median days away from work <sup>6</sup>	8		10	

See footnotes at end of table.

**Table 11. Number of nonfatal occupational injuries and illnesses with days away from work<sup>1</sup> involving musculoskeletal disorders<sup>2</sup> by selected worker and case characteristics, 2003**

(in hundreds)

Characteristic	All cases		Musculoskeletal Disorders	
	Number	Percent	Number	Percent
Major industry division:				
Goods producing industries <sup>2</sup>	4,076.1	31.0	1,254.0	28.8
Natural resources and mining <sup>2,3</sup>	263.9	2.0	60.4	1.4
Agriculture, Forestry, Fishing and Hunting <sup>2</sup>	184.3	1.4	33.6	0.8
Mining <sup>3</sup>	79.6	0.6	26.9	0.6
Construction	1,554.2	11.8	371.9	8.5
Manufacturing	2,258.0	17.2	821.6	18.9
Service providing industries	9,083.1	69.0	3,097.9	71.2
Trade, Transportation and Utilities <sup>4</sup>	4,053.0	30.8	1,414.4	32.5
Wholesale Trade	801.2	6.1	276.8	6.4
Retail Trade	1,836.0	14.0	641.6	14.7
Transportation and Warehousing	1,349.8	10.3	472.8	10.9
Utilities	66.0	0.5	23.2	0.5
Information	215.5	1.6	66.4	1.5
Financial activities	403.7	3.1	131.2	3.0
Finance and Insurance	155.9	1.2	51.8	1.2
Real Estate and Rental and Leasing	247.8	1.9	79.4	1.8
Professional and business services	1,025.0	7.8	285.8	6.6
Professional, Scientific, and Technical Services	228.8	1.7	74.4	1.7
Management of Companies and Enterprises	140.9	1.1	51.5	1.2
Administrative and Support and Waste Management and Remediation Services	655.3	5.0	159.9	3.7
Education and health services	1,997.7	15.2	858.9	19.7
Educational Services	113.7	0.9	27.9	0.6
Health Care and Social Assistance	1,884.1	14.3	831.0	19.1
Leisure and hospitality	1,057.3	8.0	249.0	5.7
Arts, Entertainment, and Recreation	180.9	1.4	45.1	1.0
Accommodation and Food Services	876.4	6.7	203.9	4.7
Other services	331.0	2.5	92.1	2.1
Other Services, except Public Administration	331.0	2.5	92.1	2.1
Nature of injury, illness:				
Sprains, strains	5,639.1	42.9	3,310.2	76.1
Carpal tunnel syndrome	221.4	1.7	221.1	5.1
Tendonitis	77.3	0.6	67.4	1.5
Soreness, Pain	1,038.6	7.9	455.8	10.5
Back pain	374.7	2.8	236.5	5.4
All other	2,100.2	16.0	297.4	6.8

See footnotes at end of table.

**Table 11. Number of nonfatal occupational injuries and illnesses with days away from work<sup>1</sup> involving musculoskeletal disorders<sup>2</sup> by selected worker and case characteristics, 2003**

(in hundreds)

Characteristic	All cases		Musculoskeletal Disorders	
	Number	Percent	Number	Percent
Part of body affected:				
Head	847.4	6.4	1.0	0.0
Eye	369.4	2.8	0.4	0.0
Neck	212.2	1.6	74.0	1.7
Trunk	4,725.1	35.9	3,051.4	70.1
Back	3,037.5	23.1	2,123.8	48.8
Shoulder	845.2	6.4	498.3	11.5
Upper extremities	2,985.3	22.7	678.2	15.6
Finger	1,063.7	8.1	42.8	1.0
Hand, except finger	511.2	3.9	37.9	0.9
Wrist	652.8	5.0	385.3	8.9
Lower extremities	2,795.7	21.2	335.9	7.7
Knee	1,058.6	8.0	212.3	4.9
Foot, toe	563.7	4.3	18.4	0.4
Multiple	1,304.1	9.9	203.7	4.7
All other	104.5	0.8	7.7	0.2
Source of injury, illness:				
Chemicals, chemical products	192.2	1.5	0.7	0.0
Containers	1,717.7	13.1	1,210.6	27.8
Furniture, fixtures	469.4	3.6	188.0	4.3
Machinery	820.0	6.2	188.0	4.3
Parts and materials	1,257.2	9.6	498.4	11.5
Worker motion or position	2,028.0	15.4	1,074.1	24.7
Floor, ground surfaces	2,472.4	18.8	19.1	0.4
Handtools	572.8	4.4	122.1	2.8
Vehicles	1,089.1	8.3	170.6	3.9
Health care patient	632.0	4.8	504.1	11.6
All other	1,908.5	14.5	376.2	8.6
Event or exposure:				
Overexertion	3,391.4	25.8	3,261.9	75.0
Overexertion in lifting	1,850.6	14.1	1,789.3	41.1
Repetitive motion	574.2	4.4	533.5	12.3
All other	1,402.5	10.7	556.4	12.8

See footnotes at end of table.

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(in hundreds)

Characteristic	All cases		Musculoskeletal Disorders	
	Number	Percent	Number	Percent
<b>Day of Week</b>				
Sunday	746.1	5.7	251.7	5.8
Monday	2,512.6	19.1	885.7	20.4
Tuesday	2,390.9	18.2	780.2	17.9
Wednesday	2,330.4	17.7	756.5	17.4
Thursday	2,167.5	16.5	709.1	16.3
Friday	2,013.4	15.3	657.6	15.1
Saturday	998.2	7.6	311.0	7.1
<b>Time of Day</b>				
12:01 AM - 4:00 AM	428.6	3.3	156.4	3.6
4:01 AM - 8:00 AM	1,309.7	10.0	459.7	10.6
8:01 AM - 12:00 PM	3,916.0	29.8	1,214.8	27.9
12:01 PM - 4:00 PM	3,002.8	22.8	832.8	19.1
4:01 PM - 8:00 PM	1,393.7	10.6	406.7	9.3
8:01 PM - 12:00 AM	768.8	5.8	236.3	5.4
Unknown	2,339.7	17.8	1,045.2	24.0
<b>Hours Worked</b>				
Occurred before shift began	51.6	0.4	3.0	0.1
Less than 1 hour	1,136.8	8.6	344.8	7.9
1 - 2 hours	1,296.9	9.9	434.0	10.0
2 - 4 hours	2,832.9	21.5	940.8	21.6
4 - 6 hours	2,105.5	16.0	641.7	14.7
6 - 8 hours	1,933.4	14.7	545.1	12.5
8 - 10 hours	930.6	7.1	235.8	5.4
10 - 12 hours	234.6	1.8	65.3	1.5
12 - 16 hours	94.5	0.7	29.8	0.7
More than 16 hours	7.9	0.1	1.8	0.0
Unknown	2,534.5	19.3	1,109.9	25.5

<sup>1</sup> Days away from work include those that result in days away from work with or without job transfer or restriction.

<sup>2</sup> Includes cases where the nature of injury is: sprains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for Mining (Division B in the Standard Industrial Classification Manual, 1987 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable with estimates for other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable with estimates for other industries.

<sup>6</sup> Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work. Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

NOTE: Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals. Dashes indicate data that do not meet publication guidelines. The scientifically selected probability sample used in 2003 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: Bureau of Labor Statistics, U.S. Department of Labor, March, 2005