

Table 3. Number and percent of nonfatal occupational injuries and illnesses involving days away from work¹ involving repetitive motion by selected worker and case characteristics, 1997

Characteristic	All Events		Repetitive motion		Repetitive typing or keyentry		Repetitive use of tools		Repetitive placing, grasping, or moving objects, except tools	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total:	1,833,380	100.0	75,188	100.0	11,160	100.0	10,471	100.0	24,621	100.0
Sex:										
Men	1,209,097	65.9	27,403	36.4	995	8.9	5,307	50.7	9,491	38.5
Women	605,589	33.0	47,408	63.1	10,131	90.8	5,117	48.9	14,950	60.7
Age:										
Under 14	--	--	--	--	--	--	--	--	--	--
14 to 15	284	0.0	--	--	--	--	--	--	--	--
16 to 19	59,737	3.3	608	0.8	--	--	101	1.0	368	1.5
20 to 24	208,054	11.3	4,535	6.0	485	4.3	622	5.9	1,843	7.5
25 to 34	532,816	29.1	18,810	25.0	2,029	18.2	2,969	28.4	6,821	27.7
35 to 44	517,842	28.2	25,758	34.3	4,762	42.7	3,425	32.7	7,979	32.4
45 to 54	314,158	17.1	17,027	22.6	2,900	26.0	2,259	21.6	5,191	21.1
55 to 64	134,737	7.3	6,379	8.5	816	7.3	1,016	9.7	1,627	6.6
65 and over	22,380	1.2	1,250	1.7	--	--	20	0.2	503	2.0
Occupation:										
Managerial and professional	98,489	5.4	4,999	6.6	2,347	21.0	256	2.4	987	4.0
Technical, sales, and administrative support	271,685	14.8	16,266	21.6	8,304	74.4	891	8.5	2,511	10.2
Service	315,050	17.2	5,936	7.9	162	1.5	964	9.2	1,867	7.6
Farming, forestry, and fishing	48,040	2.6	732	1.0	--	--	248	2.4	247	1.0
Precision production, craft, and repair	310,434	16.9	9,216	12.3	154	1.4	2,640	25.2	2,547	10.3
Operators, fabricators, and laborers	775,259	42.3	37,410	49.8	144	1.3	5,418	51.7	16,364	66.5
Length of service with employer:										
Less than 3 months	236,518	12.9	4,239	5.6	282	2.5	824	7.9	1,573	6.4
3 months to 11 months	328,245	17.9	8,086	10.8	722	6.5	1,523	14.5	3,126	12.7
1 year to 5 years	581,534	31.7	24,531	32.6	3,821	34.2	3,058	29.2	8,832	35.9
More than 5 years	479,738	26.2	30,560	40.6	5,081	45.5	3,751	35.8	8,953	36.4
Not reported	207,346	11.3	7,772	10.3	1,254	11.2	1,315	12.6	2,137	8.7
Race or ethnic origin:										
White, non-Hispanic	966,289	52.7	43,276	57.6	6,648	59.6	5,979	57.1	14,489	58.8
Black, non-Hispanic	163,823	8.9	5,274	7.0	621	5.6	774	7.4	1,893	7.7
Hispanic	187,221	10.2	5,104	6.8	591	5.3	594	5.7	1,743	7.1
Asian or Pacific Islander	30,969	1.7	1,122	1.5	153	1.4	121	1.2	258	1.0
American Indian or Alaskan Native	7,551	0.4	296	0.4	44	0.4	55	0.5	95	0.4
Not reported	477,528	26.0	20,116	26.8	3,103	27.8	2,948	28.2	6,144	25.0

See footnotes at end of table.

Table 3. Number and percent of nonfatal occupational injuries and illnesses involving days away from work¹ involving repetitive motion by selected worker and case characteristics, 1997

Characteristic	All Events		Repetitive motion		Repetitive typing or keyentry		Repetitive use of tools		Repetitive placing, grasping, or moving objects, except tools	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Major industry division										
Agriculture, forestry, and fishing ²	40,514	2.2	735	1.0	--	--	150	1.4	321	1.3
Mining ³	18,069	1.0	106	0.1	59	0.5	9	0.1	16	0.1
Construction	189,839	10.4	2,806	3.7	220	2.0	923	8.8	606	2.5
Manufacturing	446,109	24.3	35,902	47.7	1,109	9.9	6,110	58.4	14,827	60.2
Transportation and public utilities ³	220,607	12.0	5,152	6.9	1,812	16.2	600	5.7	962	3.9
Wholesale trade	138,180	7.5	4,391	5.8	890	8.0	496	4.7	1,248	5.1
Retail trade	313,915	17.1	9,087	12.1	816	7.3	724	6.9	3,164	12.9
Finance, insurance, and real estate	42,699	2.3	4,356	5.8	2,718	24.4	219	2.1	371	1.5
Services	423,449	23.1	12,652	16.8	3,535	31.7	1,240	11.8	3,108	12.6
Number of days away from work:										
Cases involving 1 day	304,898	16.6	5,949	7.9	676	6.1	834	8.0	2,168	8.8
Cases involving 2 days	238,661	13.0	5,148	6.8	858	7.7	770	7.4	1,744	7.1
Cases involving 3-5 days	373,463	20.4	9,733	12.9	1,108	9.9	1,419	13.6	2,967	12.1
Cases involving 6-10 days	240,339	13.1	9,232	12.3	1,448	13.0	1,289	12.3	3,039	12.3
Cases involving 11-20 days	214,516	11.7	11,990	15.9	1,992	17.8	1,974	18.9	4,008	16.3
Cases involving 21-30 days	121,932	6.7	7,514	10.0	1,068	9.6	969	9.3	2,364	9.6
Cases involving 31 or more days	339,572	18.5	25,623	34.1	4,010	35.9	3,217	30.7	8,331	33.8
Median days away from work	5		17		17		14		16	
Nature of injury, illness:										
Sprains, strains	799,012	43.6	14,383	19.1	777	7.0	2,038	19.5	5,032	20.4
Fractures	119,470	6.5	--	--	--	--	--	--	--	--
Cuts, lacerations, punctures	156,722	8.5	--	--	--	--	--	--	--	--
Bruises, contusions	165,810	9.0	--	--	--	--	--	--	--	--
Heat burns	29,994	1.6	--	--	--	--	--	--	--	--
Chemical burns	12,211	0.7	--	--	--	--	--	--	--	--
Amputations	10,852	0.6	--	--	--	--	--	--	--	--
Carpal tunnel syndrome	29,244	1.6	28,759	38.2	6,735	60.3	3,947	37.7	7,656	31.1
Tendonitis	17,961	1.0	11,246	15.0	1,468	13.2	1,590	15.2	4,478	18.2
Multiple injuries	59,803	3.3	--	--	--	--	--	--	--	--
With fractures	11,037	0.6	--	--	--	--	--	--	--	--
With sprains	22,273	1.2	--	--	--	--	--	--	--	--
Soreness, Pain	115,411	6.3	6,140	8.2	511	4.6	891	8.5	2,246	9.1
Back pain	48,742	2.7	489	0.7	--	--	124	1.2	151	0.6
All other	316,892	17.3	14,603	19.4	1,670	15.0	1,991	19.0	5,168	21.0

See footnotes at end of table.

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	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Part of body affected:										
Head	123,392	6.7	--	--	--	--	--	--	--	--
Eye	64,909	3.5	--	--	--	--	--	--	--	--
Neck	32,008	1.7	1,019	1.4	62	0.6	104	1.0	294	1.2
Trunk	687,395	37.5	12,448	16.6	240	2.2	1,643	15.7	5,119	20.8
Back	472,091	25.7	5,156	6.9	65	0.6	732	7.0	1,567	6.4
Shoulder	92,763	5.1	6,499	8.6	145	1.3	765	7.3	3,149	12.8
Upper extremities	419,519	22.9	56,666	75.4	10,388	93.1	8,359	79.8	17,641	71.7
Finger	154,112	8.4	2,473	3.3	94	0.8	523	5.0	1,004	4.1
Hand, except finger	72,862	4.0	3,655	4.9	481	4.3	642	6.1	1,391	5.6
Wrist	92,157	5.0	38,702	51.5	8,421	75.5	5,455	52.1	10,788	43.8
Lower extremities	375,031	20.5	1,521	2.0	--	--	--	--	233	0.9
Knee	129,948	7.1	772	1.0	--	--	--	--	141	0.6
Foot, toe	90,534	4.9	373	0.5	--	--	--	--	59	0.2
Body systems	25,193	1.4	56	0.1	--	--	--	--	--	--
Multiple	150,635	8.2	3,123	4.2	411	3.7	319	3.0	1,201	4.9
All other	20,206	1.1	327	0.4	61	0.5	--	--	86	0.3
Source of injury, illness:										
Chemicals, chemical products	32,229	1.8	--	--	--	--	--	--	--	--
Containers	267,438	14.6	--	--	--	--	--	--	--	--
Furniture, fixtures	64,433	3.5	--	--	--	--	--	--	--	--
Machinery	122,777	6.7	--	--	--	--	--	--	--	--
Parts and materials	207,271	11.3	--	--	--	--	--	--	--	--
Worker motion or position	277,533	15.1	75,188	100.0	11,160	100.0	10,471	100.0	24,621	100.0
Floor, ground surfaces	287,786	15.7	--	--	--	--	--	--	--	--
Handtools	78,107	4.3	--	--	--	--	--	--	--	--
Vehicles	147,808	8.1	--	--	--	--	--	--	--	--
Health care patient	85,896	4.7	--	--	--	--	--	--	--	--
All other	262,102	14.3	--	--	--	--	--	--	--	--

¹ Days away from work include those which result in days away from work with or without restricted work activity.

² Excludes farms with fewer than 11 employees.

³ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employees in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

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 1997 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
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