

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, 1999

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:	1,702,470	100.0	73,195	100.0	11,105	100.0	12,372	100.0	22,529	100.0
Sex:										
Men	1,129,243	66.3	28,125	38.4	888	8.0	7,116	57.5	8,429	37.4
Women	558,127	32.8	44,663	61.0	10,159	91.5	5,211	42.1	13,964	62.0
Age:										
Under 14	--	--	--	--	--	--	--	--	--	--
14 to 15	866	0.1	38	0.1	--	--	--	--	38	0.2
16 to 19	58,206	3.4	375	0.5	17	0.2	97	0.8	132	0.6
20 to 24	197,841	11.6	4,571	6.2	833	7.5	680	5.5	1,492	6.6
25 to 34	457,555	26.9	16,072	22.0	2,479	22.3	2,852	23.1	4,695	20.8
35 to 44	483,545	28.4	25,356	34.6	3,469	31.2	4,489	36.3	8,168	36.3
45 to 54	310,502	18.2	18,427	25.2	3,092	27.8	2,765	22.3	5,459	24.2
55 to 64	138,391	8.1	7,012	9.6	1,007	9.1	1,167	9.4	2,208	9.8
65 and over	22,538	1.3	419	0.6	71	0.6	--	--	101	0.4
Occupation:										
Managerial and professional	94,671	5.6	3,598	4.9	1,824	16.4	376	3.0	481	2.1
Technical, sales, and administrative support	249,426	14.7	17,710	24.2	8,802	79.3	885	7.2	2,973	13.2
Service	289,479	17.0	5,750	7.9	65	0.6	924	7.5	1,750	7.8
Farming, forestry, and fishing	42,899	2.5	763	1.0	--	--	154	1.2	279	1.2
Precision production, craft, and repair	297,965	17.5	11,366	15.5	150	1.4	3,775	30.5	2,402	10.7
Operators, fabricators, and laborers	719,728	42.3	33,736	46.1	164	1.5	6,242	50.5	14,586	64.7
Length of service with employer:										
Less than 3 months	229,969	13.5	3,876	5.3	285	2.6	1,089	8.8	1,303	5.8
3 months to 11 months	308,348	18.1	7,989	10.9	713	6.4	1,593	12.9	2,994	13.3
1 year to 5 years	549,718	32.3	23,335	31.9	4,087	36.8	3,744	30.3	7,181	31.9
More than 5 years	413,776	24.3	28,684	39.2	4,350	39.2	4,511	36.5	8,649	38.4
Not reported	200,660	11.8	9,311	12.7	1,671	15.0	1,435	11.6	2,402	10.7
Race or ethnic origin:										
White, non-Hispanic	859,591	50.5	36,967	50.5	4,886	44.0	6,195	50.1	12,135	53.9
Black, non-Hispanic	155,149	9.1	6,089	8.3	1,063	9.6	1,062	8.6	2,019	9.0
Hispanic	182,896	10.7	5,623	7.7	907	8.2	885	7.2	1,825	8.1
Asian or Pacific Islander	25,328	1.5	1,246	1.7	233	2.1	214	1.7	363	1.6
American Indian or Alaskan Native	6,812	0.4	245	0.3	50	0.5	36	0.3	83	0.4
Not reported	472,693	27.8	23,025	31.5	3,966	35.7	3,979	32.2	6,105	27.1

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, 1999

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	34,941	2.1	799	1.1	63	0.6	103	0.8	251	1.1
Mining ³	11,318	0.7	142	0.2	27	0.2	15	0.1	10	0.0
Construction	193,765	11.4	3,516	4.8	109	1.0	1,638	13.2	313	1.4
Manufacturing	403,568	23.7	34,057	46.5	1,280	11.5	7,224	58.4	13,029	57.8
Transportation and public utilities ³	196,725	11.6	5,553	7.6	1,855	16.7	322	2.6	1,270	5.6
Wholesale trade	136,110	8.0	4,330	5.9	514	4.6	483	3.9	1,512	6.7
Retail trade	291,648	17.1	7,364	10.1	699	6.3	859	6.9	2,712	12.0
Finance, insurance, and real estate	39,472	2.3	3,906	5.3	2,505	22.6	150	1.2	334	1.5
Services	394,922	23.2	13,529	18.5	4,054	36.5	1,579	12.8	3,098	13.8
Public sector	--	--	--	--	--	--	--	--	--	--
Number of days away from work:										
Cases involving 1 day	272,605	16.0	5,928	8.1	1,041	9.4	1,031	8.3	1,727	7.7
Cases involving 2 days	219,191	12.9	4,607	6.3	538	4.8	1,003	8.1	1,511	6.7
Cases involving 3-5 days	348,806	20.5	9,110	12.4	1,194	10.8	1,733	14.0	2,616	11.6
Cases involving 6-10 days	226,406	13.3	9,567	13.1	1,394	12.6	1,703	13.8	2,963	13.2
Cases involving 11-20 days	193,564	11.4	10,707	14.6	1,889	17.0	1,803	14.6	3,105	13.8
Cases involving 21-30 days	107,415	6.3	6,913	9.4	1,177	10.6	980	7.9	2,402	10.7
Cases involving 31 or more days	334,483	19.6	26,365	36.0	3,871	34.9	4,119	33.3	8,206	36.4
Median days away from work	6		17		17		14		18	
Nature of injury, illness:										
Sprains, strains	739,742	43.5	14,820	20.2	1,102	9.9	2,462	19.9	5,022	22.3
Fractures	113,734	6.7	47	0.1	--	--	--	--	--	--
Cuts, lacerations, punctures	153,762	9.0	--	--	--	--	--	--	--	--
Bruises, contusions	155,965	9.2	--	--	--	--	--	--	--	--
Heat burns	27,108	1.6	--	--	--	--	--	--	--	--
Chemical burns	11,614	0.7	--	--	--	--	--	--	--	--
Amputations	9,985	0.6	--	--	--	--	--	--	--	--
Carpal tunnel syndrome	27,922	1.6	27,729	37.9	6,365	57.3	4,351	35.2	7,518	33.4
Tendonitis	16,582	1.0	10,729	14.7	1,491	13.4	1,594	12.9	3,819	17.0
Multiple injuries	59,343	3.5	--	--	--	--	--	--	--	--
With fractures	10,965	0.6	--	--	--	--	--	--	--	--
With sprains	22,407	1.3	--	--	--	--	--	--	--	--
Soreness, Pain	109,257	6.4	5,345	7.3	660	5.9	963	7.8	1,556	6.9
Back pain	43,198	2.5	459	0.6	--	--	70	0.6	97	0.4
All other	277,455	16.3	14,513	19.8	1,487	13.4	2,993	24.2	4,613	20.5

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, 1999

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
Part of body affected:										
Head	107,696	6.3	44	0.1	--	--	--	--	--	--
Eye	53,096	3.1	--	--	--	--	--	--	--	--
Neck	30,889	1.8	855	1.2	217	2.0	76	0.6	205	0.9
Trunk	631,173	37.1	12,754	17.4	369	3.3	1,931	15.6	4,967	22.0
Back	424,251	24.9	5,122	7.0	84	0.8	569	4.6	1,797	8.0
Shoulder	93,787	5.5	6,550	8.9	281	2.5	1,311	10.6	2,586	11.5
Upper extremities	397,118	23.3	53,635	73.3	9,902	89.2	9,753	78.8	15,869	70.4
Finger	149,475	8.8	2,499	3.4	207	1.9	628	5.1	811	3.6
Hand, except finger	70,809	4.2	3,690	5.0	445	4.0	1,269	10.3	1,037	4.6
Wrist	84,410	5.0	36,116	49.3	7,861	70.8	5,766	46.6	10,319	45.8
Lower extremities	350,202	20.6	1,578	2.2	--	--	68	0.5	217	1.0
Knee	127,953	7.5	916	1.3	--	--	--	--	105	0.5
Foot, toe	77,649	4.6	281	0.4	--	--	--	--	19	0.1
Body systems	21,910	1.3	18	0.0	--	--	--	--	--	--
Multiple	148,188	8.7	4,121	5.6	576	5.2	489	4.0	1,216	5.4
All other	15,294	0.9	191	0.3	--	--	37	0.3	44	0.2
Source of injury, illness:										
Chemicals, chemical products	28,773	1.7	--	--	--	--	--	--	--	--
Containers	244,574	14.4	--	--	--	--	--	--	--	--
Furniture, fixtures	58,537	3.4	--	--	--	--	--	--	--	--
Machinery	114,183	6.7	--	--	--	--	--	--	--	--
Parts and materials	192,005	11.3	--	--	--	--	--	--	--	--
Worker motion or position	267,060	15.7	73,195	100.0	11,105	100.0	12,372	100.0	22,529	100.0
Floor, ground surfaces	272,026	16.0	--	--	--	--	--	--	--	--
Handtools	77,942	4.6	--	--	--	--	--	--	--	--
Vehicles	137,660	8.1	--	--	--	--	--	--	--	--
Health care patient	72,363	4.3	--	--	--	--	--	--	--	--
All other	237,346	13.9	--	--	--	--	--	--	--	--

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 1999 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 2001