

**Table 49 (page 1 of 2). Occupational injury deaths and rates by industry, sex, age, race, and Hispanic origin: United States, 1992–2001**

[Data are compiled from various Federal, State, and local administrative sources]

Characteristic	1992 <sup>1</sup>	1994	1995	1996	1997	1998	1999	2000	2001 <sup>2,3</sup>
Deaths per 100,000 employed workers <sup>4</sup>									
Total work force . . . . .	5.2	5.3	4.9	4.8	4.7	4.5	4.5	4.3	4.3
Total, including fatalities from Sept 11, 2001 . . . . .	...	...	...	...	...	...	...	...	6.4
Industry <sup>5</sup>									
Private sector . . . . .	5.5	5.7	5.1	5.1	5.0	4.8	4.8	4.6	4.5
Agriculture, forestry, and fishing . . . . .	24.0	23.9	22.2	22.4	23.5	23.4	23.8	20.9	22.8
Mining . . . . .	27.1	26.9	25.0	27.0	25.0	23.8	21.7	30.0	30.0
Construction . . . . .	14.1	14.8	14.7	14.0	14.1	14.5	14.0	12.9	13.3
Manufacturing . . . . .	3.8	3.9	3.5	3.5	3.6	3.4	3.6	3.3	3.2
Transportation and public utilities . . . . .	13.4	13.4	12.6	13.4	13.2	11.8	12.7	11.8	11.2
Wholesale trade . . . . .	5.3	5.8	5.1	5.4	4.9	4.5	4.6	4.3	4.3
Retail trade . . . . .	3.8	3.8	3.3	3.2	3.1	2.6	2.3	2.7	2.4
Finance, insurance, and real estate . . . . .	1.6	1.4	1.6	1.5	1.2	1.1	1.2	0.9	1.0
Services . . . . .	2.5	2.6	2.2	2.2	2.0	2.0	1.9	2.0	1.9
Government <sup>6</sup> . . . . .	3.7	3.4	3.9	3.1	3.2	3.0	2.8	2.8	3.1
Sex									
Male . . . . .	---	9.0	8.3	8.2	8.1	7.7	7.7	7.4	7.4
Female . . . . .	---	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7
Age									
16–17 years . . . . .	---	1.7	1.6	1.6	1.5	1.2	1.6	1.6	1.3
18–19 years . . . . .	---	3.0	3.3	3.2	2.8	3.1	2.7	2.7	2.8
20–24 years . . . . .	---	4.1	3.8	3.5	3.9	3.3	3.4	3.3	3.2
25–34 years . . . . .	---	4.8	4.3	4.2	4.1	3.9	3.8	3.8	3.8
35–44 years . . . . .	---	4.8	4.6	4.5	4.2	4.2	4.1	4.0	4.0
45–54 years . . . . .	---	5.6	5.2	4.9	4.9	4.6	4.6	4.4	4.5
55–64 years . . . . .	---	7.7	7.2	7.3	7.1	6.5	6.1	6.1	5.5
65 years and over . . . . .	---	14.3	14.0	13.7	13.8	14.5	14.6	12.0	12.7
Race and Hispanic origin <sup>7</sup>									
White . . . . .	---	5.1	4.7	4.7	4.6	4.5	4.4	---	---
Black or African American . . . . .	---	5.4	5.1	4.6	4.8	4.0	4.1	---	---
Hispanic or Latino . . . . .	---	5.7	5.5	5.4	5.1	5.2	5.2	5.6	6.0
Not Hispanic or Latino . . . . .	---	5.3	4.9	4.8	4.7	4.5	4.4	4.2	5.2
White . . . . .	---	---	---	---	---	---	---	4.2	4.2
Black or African American . . . . .	---	---	---	---	---	---	---	3.9	3.8
Number of deaths <sup>8</sup>									
Total work force . . . . .	6,217	6,632	6,275	6,202	6,238	6,055	6,054	5,920	5,900
Total, including fatalities from Sept 11, 2001 . . . . .	...	...	...	...	...	...	...	...	8,786
Industry <sup>5</sup>									
Private sector . . . . .	5,497	5,959	5,495	5,597	5,616	5,457	5,488	5,347	5,270
Agriculture, forestry, and fishing . . . . .	808	852	800	806	833	840	814	720	740
Mining . . . . .	181	180	156	153	158	147	122	156	170
Construction . . . . .	919	1,028	1,055	1,047	1,107	1,174	1,191	1,155	1,225
Manufacturing . . . . .	765	789	709	725	744	698	722	668	599
Transportation and public utilities . . . . .	895	949	901	970	1,008	911	1,008	957	911
Wholesale trade . . . . .	253	271	256	270	241	229	238	230	220
Retail trade . . . . .	734	808	687	681	670	570	513	594	537
Finance, insurance, and real estate . . . . .	122	113	125	116	97	92	107	79	86
Services . . . . .	757	853	749	776	727	763	736	769	767
Not classified . . . . .	63	116	57	53	31	33	37	19	15
Government <sup>6</sup> . . . . .	720	673	780	605	622	598	566	573	630

See footnotes at end of table.

**Table 49 (page 2 of 2). Occupational injury deaths and rates by industry, sex, age, race, and Hispanic origin: United States, 1992–2001**

[Data are compiled from various Federal, State, and local administrative sources]

Characteristic	1992 <sup>1</sup>	1994	1995	1996	1997	1998	1999	2000	2001 <sup>2,3</sup>
Number of deaths <sup>8</sup>									
Sex									
Male . . . . .	5,774	6,104	5,736	5,688	5,761	5,569	5,612	5,471	5,429
Female . . . . .	443	528	539	514	477	486	442	449	471
Age									
Under 16 years . . . . .	27	25	26	27	21	33	26	29	20
16–17 years . . . . .	41	42	42	43	41	32	46	44	33
18–19 years . . . . .	107	114	130	125	113	137	122	127	122
20–24 years . . . . .	544	545	486	444	503	421	451	446	440
25–34 years . . . . .	1,556	1,567	1,409	1,362	1,325	1,238	1,175	1,163	1,140
35–44 years . . . . .	1,538	1,619	1,571	1,586	1,524	1,525	1,510	1,473	1,474
45–54 years . . . . .	1,167	1,310	1,256	1,242	1,302	1,279	1,333	1,313	1,363
55–64 years . . . . .	767	866	827	855	875	836	816	831	773
65 years and over . . . . .	467	525	515	504	520	541	565	488	529
Unspecified . . . . .	3	19	13	14	14	13	10	6	6
Race and Hispanic origin									
White . . . . .	5,173	5,460	5,120	5,111	5,108	5,041	4,990	---	---
Black or African American . . . . .	624	707	697	631	677	594	626	---	---
Hispanic or Latino . . . . .	533	624	619	638	658	707	730	815	891
Not Hispanic or Latino . . . . .	5,684	6,008	5,656	5,564	5,580	5,348	5,323	5,100	5,009
White . . . . .	4,712	4,954	4,599	4,586	4,576	4,478	4,410	4,244	4,168
Black or African American . . . . .	618	695	684	615	661	583	616	575	563
American Indian or Alaska Native . . . . .	36	39	27	35	34	28	54	33	48
Asian <sup>9</sup> . . . . .	192	211	188	188	218	164	180	171	172
Native Hawaiian or Pacific Islander . . . . .	---	---	---	---	---	---	---	14	9
Multiple races . . . . .	---	---	---	---	---	---	---	---	6
Other races or not reported . . . . .	126	109	158	140	91	95	64	68	43

. . . Data not applicable.

--- Data not available.

<sup>1</sup>1992 and 1993 employment data by demographic characteristics are not available from the Current Population Survey (CPS) for calculation of rates.

<sup>2</sup>Fatalities due to the September 11 terrorist attacks are included only in the total line, as labeled, and not in the subcategories by industry and demographic characteristics.

<sup>3</sup>Preliminary data.

<sup>4</sup>Numerator excludes deaths to workers under the age of 16 years. Employment data in denominators are average annual estimates of employed civilians 16 years of age and over from the Current Population Survey (CPS) plus resident armed forces figures from the Bureau of the Census (1992–98) and Department of Defense (1999–2001).

<sup>5</sup>Classified according to the *Standard Industrial Classification Manual*, 1987 (see Appendix II, table VIII).

<sup>6</sup>Includes fatalities to workers employed by governmental organizations regardless of industry.

<sup>7</sup>Employment data for American Indian or Alaska Native workers and Asian or Pacific Islander workers are not available for the calculation of rates; Employment data for non-Hispanic white and non-Hispanic black workers were not available before the year 2000.

<sup>8</sup>Includes fatalities to all workers, regardless of age.

<sup>9</sup>In 1999 and earlier years, category also includes Native Hawaiian or Pacific Islander.

NOTES: Fatalities and rates are based on revised data and may differ from originally published data from the Census of Fatal Occupational Injuries (CFOI). See Appendix I, CFOI. CFOI began collecting fatality data in 1992. For data for prior years, see CDC. Fatal Occupational Injuries—United States, 1980–1997. MMWR 2001; 50(16):317–320, which reports trend data from the National Traumatic Occupational Fatalities (NTOF) surveillance system. NTOF was established at the National Institute of Occupational Safety and Health (NIOSH) to monitor occupational injury deaths through death certificates. In 1999 and earlier years the race groups white and black included persons of Hispanic and non-Hispanic origin. Some numbers for 2000 in this table were revised and differ from the previous edition of *Health, United States*. Data for additional years are available (see Appendix III).

SOURCE: Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries. Revised annual data.