

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003

Arizona

Industry ²	NAICS code ³	2003 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
All industries including State and local government ⁶		2,213.5	4.8	2.4	1.3	1.1	2.4
Private industry ⁶		1,894.5	4.6	2.4	1.3	1.1	2.2
Goods producing ⁶		386.8	5.6	3.2	1.7	1.5	2.4
Natural resources and mining ^{6,7}		34.3	4.6	2.8	1.3	1.4	1.9
Agriculture, forestry, fishing and hunting ⁶	11	26.4	4.9	2.8	1.3	1.5	2.1
Crop production ⁶	111	9.0	5.6	2.4	1.6	0.8	3.2
Support activities for agriculture and forestry	115	14.2	4.2	3.4	0.9	2.6	0.8
Mining ⁷	21	7.9	3.6	2.6	1.4	1.2	1.0
Metal ore mining ⁸	2122	5.5	3.2	2.1	0.9	1.3	1.0
Nonmetallic mineral mining and quarrying ⁸	2123	--	4.7	3.4	1.9	1.6	1.2
Construction		176.3	7.0	3.9	2.5	1.4	3.2
Construction	23	176.3	7.0	3.9	2.5	1.4	3.2
Construction of buildings	236	32.9	4.0	2.3	1.8	0.5	1.7
Residential building construction	2361	20.8	4.1	2.3	2.0	0.4	1.7
Heavy and civil engineering construction	237	25.1	4.7	2.7	1.4	1.3	2.0
Utility system construction	2371	8.7	5.7	3.4	2.0	1.3	--
Land subdivision	2372	5.6	3.5	2.0	0.8	1.2	1.5
Highway, street, and bridge construction	2373	7.4	4.0	2.7	1.0	1.7	1.3
Other heavy and civil engineering construction	2379	3.4	5.0	1.8	1.4	(¹¹)	3.2
Specialty trade contractors	238	118.3	8.4	4.6	2.9	1.6	3.9
Foundation, structure, and building exterior contractors	2381	34.9	10.8	6.2	4.2	2.0	4.7
Poured concrete foundation and structure contractors	23811	7.6	10.8	5.9	4.1	1.8	4.9
Framing contractors	23813	8.8	13.5	7.5	4.3	3.2	6.0
Masonry contractors	23814	8.7	9.6	5.4	4.9	0.5	4.2

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Roofing contractors	23816	5.2	11.5	7.0	5.1	2.0	4.5
Building equipment contractors	2382	36.1	7.3	3.2	1.6	1.5	4.2
Electrical contractors	23821	17.2	6.3	1.9	0.8	1.1	4.4
Plumbing, heating, and air-conditioning contractors	23822	18.3	7.9	4.4	2.4	--	3.6
Building finishing contractors	2383	31.6	8.2	5.4	3.3	2.0	2.8
Drywall and insulation contractors	23831	15.9	8.2	5.5	3.2	--	2.7
Painting and wall covering contractors	23832	6.5	6.6	3.3	3.0	0.3	3.3
Flooring contractors	23833	1.6	7.7	7.7	5.7	2.1	(¹¹)
Finish carpentry contractors	23835	4.4	14.6	10.1	5.5	4.6	4.6
Other specialty trade contractors	2389	15.7	5.9	2.5	2.1	0.4	3.5
Manufacturing		176.2	4.4	2.6	1.0	1.6	1.8
Manufacturing	31-33	176.2	4.4	2.6	1.0	1.6	1.8
Food manufacturing	311	9.4	7.1	4.8	1.5	3.3	--
Bakeries and tortilla manufacturing	3118	3.7	--	4.9	1.4	3.4	2.7
Bread and bakery product manufacturing	31181	2.8	--	4.9	--	4.1	3.7
Commercial bakeries	311812	1.9	--	5.7	--	4.8	4.3
Beverage and tobacco product manufacturing	312	3.5	8.8	6.3	2.5	3.8	2.5
Soft drink manufacturing	312111	3.1	9.3	6.6	2.5	4.1	2.7
Wood product manufacturing	321	7.5	11.6	5.8	2.2	3.6	5.7
Other wood product manufacturing	3219	5.2	10.3	5.7	1.7	4.0	4.6
Millwork	32191	1.8	14.8	6.2	3.9	2.4	8.6
Paper manufacturing	322	2.8	2.0	1.7	1.5	--	--
Printing and related support activities	323	6.7	5.0	4.0	2.3	1.6	1.0
Chemical manufacturing	325	3.7	2.1	1.4	1.0	(¹¹)	0.7
Plastics and rubber products manufacturing	326	6.2	4.0	3.0	0.5	2.5	1.0
Nonmetallic mineral product manufacturing	327	8.0	5.9	4.8	1.4	3.4	1.1
Cement and concrete product manufacturing	3273	6.0	5.7	4.9	1.3	3.6	0.8
Primary metal manufacturing	331	4.3	8.7	3.1	1.5	1.6	5.6
Nonferrous metal (except aluminum) production and processing	3314	1.7	4.1	3.0	1.2	1.8	1.1
Fabricated metal product manufacturing	332	16.8	5.6	2.7	1.4	1.2	2.9
Architectural and structural metals manufacturing	3323	6.4	9.0	5.7	2.4	3.3	3.4
Plate work and fabricated structural product manufacturing	33231	1.9	12.9	6.1	4.7	1.4	6.8
Ornamental and architectural metal products manufacturing	33232	4.5	7.6	5.5	1.5	4.0	2.1
Sheet metal work manufacturing	332322	1.5	3.1	1.4	(¹¹)	1.1	1.7

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Machinery manufacturing	333	7.8	6.5	3.8	2.1	1.7	2.7
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	1.8	12.3	7.6	4.3	3.3	4.8
Computer and electronic product manufacturing	334	45.0	1.0	0.4	0.2	0.2	0.6
Semiconductor and other electronic component manufacturing	3344	27.7	1.1	0.5	0.3	0.2	0.6
Semiconductor and other electronic component manufacturing	33441	27.7	1.1	0.5	0.3	0.2	0.6
Semiconductor and related device manufacturing	334413	23.0	0.7	0.4	0.2	0.2	0.3
Electrical equipment, appliance, and component manufacturing	335	2.2	3.9	2.2	0.8	1.5	1.7
Transportation equipment manufacturing	336	32.2	3.8	2.3	0.5	1.8	1.5
Aerospace product and parts manufacturing	3364	26.8	2.4	1.2	0.4	0.7	1.2
Aerospace product and parts manufacturing	33641	26.8	2.4	1.2	0.4	0.7	1.2
Aircraft manufacturing	336411	5.3	4.8	1.6	0.9	0.8	3.2
Other aircraft parts and auxiliary equipment manufacturing	336413	3.6	4.6	2.8	1.1	1.7	1.8
Furniture and related product manufacturing	337	8.3	6.0	4.1	1.4	2.7	1.9
Household and institutional furniture and kitchen cabinet manufacturing	3371	6.5	5.4	3.1	1.3	1.8	2.3
Miscellaneous manufacturing	339	8.7	5.7	2.8	0.6	2.2	2.9
Sporting and athletic goods manufacturing	33992	1.8	11.7	8.7	1.1	7.7	2.9
Service providing		1,505.5	4.3	2.2	1.2	1.0	2.2
Trade, transportation, and utilities⁹		444.0	5.7	3.0	1.6	1.4	2.7
Wholesale trade	42	93.2	3.6	2.3	1.5	0.8	1.3
Retail trade	44-45	276.6	5.5	2.4	1.2	1.2	3.2
Motor vehicle and parts dealers	441	42.9	5.8	1.9	1.1	0.8	3.9
Automobile dealers	4411	26.8	5.5	1.6	0.9	0.6	4.0
Furniture and home furnishings stores	442	11.7	8.3	4.4	2.6	1.7	3.9
Electronics and appliance stores	443	10.0	3.9	1.2	0.5	0.7	2.7
Building material and garden equipment and supplies dealers	444	20.8	4.0	1.8	1.0	0.8	2.2
Food and beverage stores	445	49.3	8.4	3.0	1.0	2.0	5.4
Grocery stores	4451	45.1	8.7	3.0	0.9	2.1	5.8
Health and personal care stores	446	15.7	3.3	1.7	0.8	0.9	1.6
Gasoline stations	447	16.5	2.8	1.2	0.8	0.4	--
Clothing and clothing accessories stores	448	18.7	2.5	0.7	0.3	0.4	1.8
Sporting goods, hobby, book, and music stores	451	11.3	3.9	1.5	1.1	0.4	2.4

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
General merchandise stores	452	52.3	7.6	4.1	2.0	2.0	3.5
Miscellaneous store retailers	453	20.6	3.2	2.1	1.1	1.0	1.1
Nonstore retailers	454	6.8	1.7	0.7	0.4	0.3	1.1
Transportation and warehousing⁹	48-49	62.9	10.2	6.6	3.6	3.0	3.6
Air transportation	481	14.4	11.2	9.4	6.1	3.2	--
Rail transportation ⁹	482	--	3.6	2.8	2.3	(¹¹)	0.8
Truck transportation	484	18.1	8.3	5.2	2.8	2.5	3.0
Transit and ground passenger transportation	485	5.7	8.8	5.7	2.8	2.9	3.1
Couriers and messengers	492	8.7	14.7	9.1	5.9	3.2	5.5
Warehousing and storage	493	7.6	18.7	10.3	4.5	5.8	8.3
Utilities	22	11.4	3.2	1.6	0.9	0.6	1.7
Electric power generation, transmission and distribution	2211	8.4	2.5	1.0	0.6	0.4	1.4
Information		49.5	2.7	1.9	0.7	1.2	0.8
Information	51	49.5	2.7	1.9	0.7	1.2	0.8
Telecommunications	517	19.9	4.2	3.2	0.9	2.3	1.1
Financial activities		158.1	1.7	0.8	0.5	0.2	0.9
Finance and insurance	52	114.9	0.8	0.3	--	0.1	0.5
Real estate and rental and leasing	53	43.3	4.1	2.1	1.4	0.7	2.0
Real estate	531	27.8	4.1	2.5	1.6	0.9	1.6
Rental and leasing services	532	13.8	4.7	1.5	1.1	0.4	3.2
Professional and business services		320.7	2.4	1.4	1.0	0.4	1.0
Professional, scientific, and technical services	54	103.5	1.3	0.5	--	0.1	0.8
Management of companies and enterprises	55	20.8	4.5	2.7	1.2	1.5	1.7

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment (000's) ⁴	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Administrative and support and waste management and remediation services	56	196.4	3.4	2.3	--	0.5	1.1
Administrative and support services	561	192.8	3.1	2.2	--	--	0.9
Waste management and remediation services	562	3.6	7.8	3.7	1.5	2.2	4.1
Education and health services		240.7	5.3	2.5	1.0	1.5	2.8
Educational services	61	28.3	2.4	0.8	0.7	0.1	1.5
Health care and social assistance	62	212.5	5.6	2.7	1.1	1.7	2.9
Ambulatory health care services	621	89.6	3.0	1.0	0.5	0.5	2.0
Home health care services	6216	9.0	4.4	1.5	1.1	0.4	2.9
Hospitals	622	59.2	8.3	4.0	1.7	2.3	4.3
Nursing and residential care facilities	623	34.1	9.0	5.7	1.7	4.0	3.3
Social assistance	624	29.5	4.0	1.6	0.8	0.9	2.3
Leisure and hospitality		232.8	4.8	2.1	1.1	1.0	2.7
Arts, entertainment, and recreation	71	29.1	5.6	2.5	1.4	1.1	3.1
Performing arts, spectator sports, and related industries	711	6.5	4.0	1.9	0.7	1.2	2.1
Amusement, gambling, and recreation industries	713	21.0	5.8	2.7	1.6	1.1	3.1
Accommodation and food services	72	203.7	4.7	2.0	1.0	1.0	2.7
Accommodation	721	43.4	6.4	4.2	1.5	2.7	2.2
Food services and drinking places	722	160.3	4.2	1.4	0.9	0.5	2.8
Other services		61.9	4.2	1.9	1.2	0.7	2.3
Other services, except public administration	81	61.9	4.2	1.9	1.2	0.7	2.3
Repair and maintenance	811	26.1	5.6	2.3	1.6	0.7	3.3
Automotive repair and maintenance	8111	20.2	5.5	2.3	1.6	0.7	3.2
Personal and laundry services	812	20.0	2.3	1.4	0.6	0.8	0.9

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment (000's) ⁴	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Religious, grantmaking, civic, professional, and similar organizations	813	15.8	4.1	1.9	1.2	0.7	2.2
State and local government		319.0	5.4	2.1	1.3	0.8	3.4
State government		70.4	1.3	0.8	0.5	0.3	0.6
Service providing		70.4	1.3	0.8	0.5	0.3	0.6
Local government		248.6	6.7	2.5	1.5	0.9	4.2
Goods producing ⁶		4.7	14.2	5.9	3.8	2.1	8.3
Construction		3.7	11.6	3.5	0.8	2.6	8.1
Construction	23	3.7	11.6	3.5	0.8	2.6	8.1
Heavy and civil engineering construction	237	3.7	11.7	3.5	0.9	2.6	8.2
Service providing		243.9	6.5	2.4	1.5	0.9	4.2
Trade, transportation, and utilities ⁹		11.3	9.7	4.2	2.7	1.4	5.5
Utilities	22	9.6	10.0	4.2	2.9	1.4	5.8
Education and health services		134.9	5.3	1.7	1.0	0.7	3.6
Educational services	61	129.1	5.1	1.6	0.9	0.7	3.5
Educational services	611	129.1	5.1	1.6	0.9	0.7	3.5
Public administration		78.0	7.5	2.7	1.7	1.1	4.8
Public administration	92	78.0	7.5	2.7	1.7	1.1	4.8
Executive, legislative, and other general government support	921	55.1	6.7	2.3	1.2	1.1	4.4
Justice, public order, and safety activities	922	21.5	9.5	3.8	2.8	--	5.7

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Arizona

Industry ²	NAICS code ³	2003 Average annual employment (000's) ⁴	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Justice, public order, and safety activities	9221	21.5	9.5	3.8	2.8	--	5.7
Police protection	92212	13.9	9.3	2.7	1.9	0.8	6.6

¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

- N = number of injuries and illnesses
- EH = total hours worked by all employees during the calendar year
- 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ *North American Industry Classification System Manual*, 2002 Edition

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

⁵ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. 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 the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

¹⁰ Incidence rate less than 0.05.

¹¹ Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

- Reissued June 2005. For information see http://www.bls.gov/iif/osh_notice05.htm