

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008

Arizona

Industry ²	NAICS code ³	2008 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 government⁶		2,578.5	3.9	1.9	1.0	0.8	2.0
Private industry⁶		2,263.3	3.7	1.8	1.0	0.8	1.9
Goods-producing⁶		427.9	4.6	2.3	1.3	1.0	2.3
Natural resources and mining^{6,7}		37.7	5.5	2.8	1.7	1.1	2.7
Agriculture, forestry, fishing and hunting⁶	11	24.7	6.7	2.9	1.8	1.1	3.9
Crop production ⁶	111	7.9	5.8	1.8	1.1	0.7	4.0
Support activities for agriculture and forestry	115	13.1	7.8	3.5	1.5	2.0	4.3
Mining⁷	21	13.0	3.8	2.7	1.6	1.1	1.1
Mining (except oil and gas) ⁸	212	12.6	3.8	2.7	1.6	1.1	1.1
Metal ore mining ⁸	2122	9.9	4.2	3.0	1.8	1.2	1.2
Construction		211.7	5.4	2.6	1.6	0.9	2.8
Construction	23	211.7	5.4	2.6	1.6	0.9	2.8
Construction of buildings	236	41.1	4.2	2.1	1.7	0.5	2.0
Residential building construction	2361	23.4	5.6	2.9	--	0.5	--
Nonresidential building construction	2362	17.7	2.5	1.3	0.8	0.5	1.2
Heavy and civil engineering construction	237	27.9	5.2	2.3	1.0	1.3	2.8
Utility system construction	2371	10.6	6.1	2.2	1.1	1.1	3.9
Land subdivision	2372	5.3	1.2	0.6	0.4	(¹⁰)	0.6
Highway, street, and bridge construction	2373	9.7	5.7	3.2	1.3	1.9	2.5
Specialty trade contractors	238	142.7	5.8	2.7	1.8	1.0	3.0
Foundation, structure, and building exterior contractors	2381	42.4	8.0	3.9	2.3	1.5	4.1
Structural steel and precast concrete contractors	23812	3.6	11.0	5.3	1.8	3.5	5.7
Framing contractors	23813	10.2	11.1	4.7	2.6	2.1	6.5

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

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Masonry contractors	23814	10.1	7.5	4.4	3.3	1.1	3.1
Roofing contractors	23816	5.7	5.9	2.8	1.8	1.0	3.1
Building equipment contractors	2382	46.2	5.8	2.6	2.1	0.4	3.3
Electrical contractors	23821	22.0	4.8	2.0	1.7	0.3	2.8
Plumbing, heating, and air-conditioning contractors	23822	23.0	7.0	3.1	2.6	0.5	3.8
Building finishing contractors	2383	35.2	4.6	2.3	1.3	1.1	2.2
Drywall and insulation contractors	23831	16.6	4.9	2.9	1.4	1.4	2.1
Painting and wall covering contractors	23832	8.0	5.2	1.8	1.4	0.3	3.5
Flooring contractors	23833	2.0	1.5	(¹⁰)	(¹⁰)	(¹⁰)	1.0
Tile and terrazzo contractors	23834	2.6	1.4	0.7	(¹⁰)	(¹⁰)	0.7
Finish carpentry contractors	23835	4.3	5.1	3.8	1.9	1.9	1.3
Manufacturing		178.5	3.6	1.8	0.8	1.0	1.7
Manufacturing	31-33	178.5	3.6	1.8	0.8	1.0	1.7
Food manufacturing	311	10.2	4.3	2.6	0.6	2.0	1.7
Bakeries and tortilla manufacturing	3118	3.5	4.8	2.6	0.8	1.8	2.2
Beverage and tobacco product manufacturing	312	3.8	7.4	5.9	2.3	3.6	1.5
Wood product manufacturing	321	6.7	7.2	4.2	1.4	2.8	3.0
Veneer, plywood, and engineered wood product manufacturing	3212	1.1	--	(¹⁰)	--	(¹⁰)	--
Other wood product manufacturing	3219	5.3	6.6	4.2	0.9	3.3	2.4
Paper manufacturing	322	2.7	3.8	1.4	0.8	0.6	2.4
Printing and related support activities	323	6.7	3.3	1.6	1.0	0.6	1.7
Chemical manufacturing	325	4.9	1.6	0.7	(¹⁰)	0.4	0.9
Plastics and rubber products manufacturing	326	4.5	6.2	2.9	1.7	1.2	3.3
Cement and concrete product manufacturing	3273	6.9	5.4	3.8	1.6	2.2	1.6
Primary metal manufacturing	331	4.6	6.5	3.9	2.0	1.8	2.6
Fabricated metal product manufacturing	332	19.8	5.8	2.4	0.8	1.6	3.5
Architectural and structural metals manufacturing	3323	7.9	9.0	3.2	1.1	2.1	5.8
Machinery manufacturing	333	7.4	3.8	1.4	0.8	0.6	2.4
Computer and electronic product manufacturing	334	42.2	1.1	0.7	0.4	0.4	0.4
Semiconductor and other electronic component manufacturing	3344	26.4	1.5	1.0	0.5	0.5	0.5
Navigational, measuring, electromedical, and control instruments manufacturing	3345	12.9	0.4	0.2	(¹⁰)	(¹⁰)	0.2
Electrical equipment, appliance, and component manufacturing	335	2.4	5.1	2.9	1.1	1.8	2.2
Transportation equipment manufacturing	336	32.6	1.9	1.1	0.4	0.6	0.8

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Aerospace product and parts manufacturing	3364	27.6	1.4	0.7	0.3	0.4	0.7
Furniture and related product manufacturing	337	8.4	3.2	1.7	1.1	0.6	1.5
Miscellaneous manufacturing	339	9.6	6.3	1.8	0.9	0.9	4.5
Service-providing		1,835.4	3.4	1.7	0.9	0.8	1.8
Trade, transportation, and utilities⁹		537.4	4.1	2.2	1.1	1.2	1.9
Wholesale trade	42	110.8	2.7	1.6	1.0	0.6	1.1
Merchant wholesalers, durable goods	423	62.1	1.3	0.3	--	--	1.0
Merchant wholesalers, nondurable goods	424	32.9	5.4	4.5	--	1.6	--
Retail trade	44-45	335.8	4.4	2.1	0.8	1.3	2.2
Motor vehicle and parts dealers	441	46.3	4.2	1.8	0.9	0.9	2.4
Automobile dealers	4411	29.2	3.9	1.2	0.8	0.4	2.7
Furniture and home furnishings stores	442	13.7	3.7	1.5	0.5	1.0	2.2
Electronics and appliance stores	443	13.4	1.0	0.4	--	0.3	0.6
Building material and garden equipment and supplies dealers	444	26.2	5.0	2.7	0.8	1.9	2.3
Food and beverage stores	445	60.5	5.5	2.7	1.0	1.7	2.7
Grocery stores	4451	55.5	5.8	2.9	1.0	1.8	3.0
Health and personal care stores	446	20.3	1.7	0.9	0.1	0.7	0.8
Gasoline stations	447	17.1	4.1	3.0	0.8	--	1.1
Clothing and clothing accessories stores	448	23.5	4.8	1.5	--	0.7	--
Sporting goods, hobby, book, and music stores	451	13.6	1.5	0.5	0.3	0.2	1.0
Sporting goods, hobby, and musical instrument stores	4511	10.1	1.0	0.4	(¹⁰)	0.3	0.6
General merchandise stores	452	68.1	5.8	3.5	1.4	2.1	2.3
Miscellaneous store retailers	453	21.7	3.9	0.9	0.3	0.6	--
Nonstore retailers	454	11.4	3.5	1.0	0.5	0.5	--
Transportation and warehousing⁹	48-49	72.7	5.9	3.9	2.3	1.6	2.1
Air transportation	481	16.0	7.7	6.7	3.7	3.0	1.0
Rail transportation ⁹	482	--	2.7	2.2	2.0	(¹⁰)	(¹⁰)
Truck transportation	484	20.6	4.9	3.0	1.8	1.2	1.9

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

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				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Transit and ground passenger transportation	485	7.2	9.1	5.5	4.4	1.0	3.7
Couriers and messengers	492	9.8	8.2	4.9	2.5	2.4	3.3
Warehousing and storage	493	8.5	5.9	3.6	1.7	1.8	2.3
Utilities	22	18.1	2.4	1.2	0.5	0.7	1.2
Utilities	221	18.1	2.4	1.2	0.5	0.7	1.2
Electric power generation, transmission and distribution	2211	14.5	2.0	1.0	0.5	0.5	1.0
Information		42.4	1.5	0.9	0.3	0.6	0.6
Information	51	42.4	1.5	0.9	0.3	0.6	0.6
Publishing industries (except Internet)	511	11.2	1.8	1.1	0.4	--	0.7
Newspaper, periodical, book, and directory publishers	5111	8.0	2.0	1.4	0.4	--	0.6
Motion picture and sound recording industries	512	4.9	0.8	(¹⁰)	(¹⁰)	(¹⁰)	0.6
Broadcasting (except Internet)	515	4.6	1.2	0.6	(¹⁰)	--	0.6
Telecommunications	517	14.1	2.1	1.3	0.3	1.0	0.8
Wireless telecommunications carriers (except satellite)	5172	4.6	0.7	(¹⁰)	(¹⁰)	(¹⁰)	0.4
Internet service providers, web search portals, and data processing services	518	6.5	0.5	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Financial activities		180.9	1.5	0.7	0.5	0.2	0.8
Finance and insurance	52	127.5	0.9	0.2	0.2	(¹⁰)	0.7
Real estate and rental and leasing	53	53.4	2.9	1.8	1.3	0.6	1.1
Professional and business services		400.6	2.6	1.4	0.7	0.7	1.2
Management of companies and enterprises	55	27.8	2.3	1.4	0.7	0.7	0.9
Administrative and support and waste management and remediation services	56	236.6	3.9	2.2	1.1	1.0	1.7
Administrative and support services	561	232.0	3.9	2.2	1.1	1.0	1.7
Waste management and remediation services	562	4.5	3.2	2.2	1.3	0.9	1.1
Education and health services		311.4	4.3	1.8	1.0	0.8	2.5

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Educational services	61	40.9	0.9	0.5	0.4	(¹⁰)	0.5
Educational services	611	40.9	0.9	0.5	0.4	(¹⁰)	0.5
Elementary and secondary schools	6111	14.4	1.7	(¹⁰)	(¹⁰)	(¹⁰)	1.5
Colleges, universities, and professional schools	6113	13.0	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Health care and social assistance	62	270.5	4.8	2.0	1.1	0.9	2.8
Ambulatory health care services	621	123.1	2.1	0.7	0.4	0.3	1.4
Home health care services	6216	16.6	2.1	1.1	0.5	0.6	0.9
Hospitals	622	73.0	7.5	2.8	1.6	1.2	4.7
Nursing and residential care facilities	623	39.2	8.5	4.8	2.8	2.1	3.7
Social assistance	624	35.2	4.3	1.8	0.9	0.8	2.6
Leisure and hospitality		288.1	3.3	1.4	0.9	0.5	1.9
Arts, entertainment, and recreation	71	47.6	5.8	2.1	1.5	0.6	3.7
Amusement, gambling, and recreation industries	713	37.4	5.8	2.3	1.6	0.7	3.5
Accommodation and food services	72	240.6	2.9	1.3	0.8	0.5	1.6
Accommodation	721	48.7	5.4	2.4	1.0	1.4	3.0
Food services and drinking places	722	191.9	2.2	1.0	0.8	--	1.2
Other services		74.5	4.9	1.8	0.9	--	3.1
Other services, except public administration	81	74.5	4.9	1.8	0.9	--	3.1
Repair and maintenance	811	26.6	5.9	2.7	--	--	--
Automotive repair and maintenance	8111	19.7	--	3.3	--	--	--
State and local government		315.2	5.3	2.3	1.3	1.0	3.0
State government		73.9	3.4	1.7	1.2	0.5	1.7

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				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Service-providing		73.9	3.4	1.7	1.2	0.5	1.7
Education and health services		--	--	--	--	--	--
Educational services	61	--	--	--	--	--	--
Colleges, universities, and professional schools	6113	29.5	2.0	0.6	0.4	0.2	1.4
Public administration		43.3	3.9	2.4	1.7	0.7	1.5
Public administration	92	43.3	3.9	2.4	1.7	0.7	1.5
Justice, public order, and safety activities	922	14.3	6.8	5.1	3.9	1.1	1.7
Justice, public order, and safety activities	9221	14.3	6.8	5.1	3.9	1.1	1.7
Correctional institutions	92214	10.6	7.4	6.0	4.6	1.4	1.4
Local government		241.3	6.0	2.6	1.4	1.2	3.4
Goods-producing⁶		3.7	5.7	2.9	2.1	0.8	2.8
Construction		3.3	5.7	2.9	2.1	0.8	2.8
Construction	23	3.3	5.7	2.9	2.1	0.8	2.8
Heavy and civil engineering construction	237	3.3	5.7	2.9	2.1	0.8	2.8
Service-providing		237.6	6.0	2.6	1.3	1.2	3.4
Trade, transportation, and utilities⁹		6.9	8.2	3.4	2.6	0.7	4.8
Transportation and warehousing⁹	48-49	--	--	--	--	--	--
Transit and ground passenger transportation	485	0.3	9.6	6.5	(¹⁰)	(¹⁰)	(¹⁰)
Utilities	22	5.3	8.0	3.1	2.6	0.5	5.0

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

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Utilities	221	5.3	8.0	3.1	2.6	0.5	5.0
Water, sewage and other systems	2213	--	8.1	3.0	2.5	0.5	5.0
Education and health services		148.1	5.6	2.2	1.0	1.2	3.5
Educational services	61	141.9	5.5	2.1	1.0	1.1	3.4
Educational services	611	141.9	5.5	2.1	1.0	1.1	3.4
Elementary and secondary schools	6111	123.7	5.9	2.2	1.0	1.2	3.7
Junior colleges	6112	18.1	2.1	1.0	0.5	0.5	1.1
Health care and social assistance	62	6.2	9.1	4.4	1.5	2.8	4.7
Hospitals	622	--	11.2	5.7	1.9	3.9	5.5
Public administration		71.7	6.4	3.0	1.7	1.3	3.4
Public administration	92	71.7	6.4	3.0	1.7	1.3	3.4
Justice, public order, and safety activities	922	25.2	8.8	3.8	2.7	1.1	5.0

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Justice, public order, and safety activities	9221	25.2	8.8	3.8	2.7	1.1	5.0
Police protection	92212	13.4	10.6	3.7	2.4	1.3	6.8
Fire protection	92216	7.3	10.0	5.5	4.4	1.1	4.5

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* 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.

¹⁰ Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

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