

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008

Arizona

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2008 Average annual employment <sup>4</sup> (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 <sup>5</sup>	Cases with job transfer or restriction	
<b>All industries including State and local government<sup>6</sup></b> .....		2,578.5	3.9	1.9	1.0	0.8	2.0
<b>Private industry<sup>6</sup></b> .....		2,263.3	3.7	1.8	1.0	0.8	1.9
<b>Goods-producing<sup>6</sup></b> .....		427.9	4.6	2.3	1.3	1.0	2.3
<b>Natural resources and mining<sup>6,7</sup></b> .....		37.7	5.5	2.8	1.7	1.1	2.7
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	24.7	6.7	2.9	1.8	1.1	3.9
Crop production <sup>6</sup> .....	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
<b>Mining<sup>7</sup></b> .....	21	13.0	3.8	2.7	1.6	1.1	1.1
Mining (except oil and gas) <sup>8</sup> .....	212	12.6	3.8	2.7	1.6	1.1	1.1
Metal ore mining <sup>8</sup> .....	2122	9.9	4.2	3.0	1.8	1.2	1.2
<b>Construction</b> .....		211.7	5.4	2.6	1.6	0.9	2.8
<b>Construction</b> .....	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	( <sup>10</sup> )	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 rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Arizona

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2008 Average annual employment <sup>4</sup> (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 <sup>5</sup>	Cases with job transfer or restriction	
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	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	1.0
Tile and terrazzo contractors . . . . .	23834	2.6	1.4	0.7	( <sup>10</sup> )	( <sup>10</sup> )	0.7
Finish carpentry contractors . . . . .	23835	4.3	5.1	3.8	1.9	1.9	1.3
<b>Manufacturing . . . . .</b>		178.5	3.6	1.8	0.8	1.0	1.7
<b>Manufacturing . . . . .</b>	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	--	( <sup>10</sup> )	--	( <sup>10</sup> )	--
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	( <sup>10</sup> )	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 ma . . . . .	3345	12.9	0.4	0.2	( <sup>10</sup> )	( <sup>10</sup> )	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

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Arizona

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2008 Average annual employment <sup>4</sup> (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 <sup>5</sup>	Cases with job transfer or restriction	
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
<b>Service-providing . . . . .</b>		1,835.4	3.4	1.7	0.9	0.8	1.8
<b>Trade, transportation, and utilities<sup>9</sup> . . . . .</b>		537.4	4.1	2.2	1.1	1.2	1.9
<b>Wholesale trade . . . . .</b>	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	--
<b>Retail trade . . . . .</b>	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	( <sup>10</sup> )	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	--
<b>Transportation and warehousing<sup>9</sup> . . . . .</b>	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 <sup>9</sup> . . . . .	482	--	2.7	2.2	2.0	( <sup>10</sup> )	( <sup>10</sup> )
Truck transportation . . . . .	484	20.6	4.9	3.0	1.8	1.2	1.9

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Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Arizona

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				Total	Cases with days away from work <sup>5</sup>	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
<b>Utilities</b> .....	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
<b>Information</b> .....		42.4	1.5	0.9	0.3	0.6	0.6
<b>Information</b> .....	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	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.6
Broadcasting (except Internet) .....	515	4.6	1.2	0.6	( <sup>10</sup> )	--	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	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.4
Internet service providers, web search portals, and data processing serv	518	6.5	0.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Financial activities</b> .....		180.9	1.5	0.7	0.5	0.2	0.8
<b>Finance and insurance</b> .....	52	127.5	0.9	0.2	0.2	( <sup>10</sup> )	0.7
<b>Real estate and rental and leasing</b> .....	53	53.4	2.9	1.8	1.3	0.6	1.1
<b>Professional and business services</b> .....		400.6	2.6	1.4	0.7	0.7	1.2
<b>Management of companies and enterprises</b> .....	55	27.8	2.3	1.4	0.7	0.7	0.9
<b>Administrative and support and waste management and remedia</b>	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
<b>Education and health services</b> .....		311.4	4.3	1.8	1.0	0.8	2.5

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Arizona

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Educational services</b> .....	61	40.9	0.9	0.5	0.4	( <sup>10</sup> )	0.5
Educational services .....	611	40.9	0.9	0.5	0.4	( <sup>10</sup> )	0.5
Elementary and secondary schools .....	6111	14.4	1.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	1.5
Colleges, universities, and professional schools .....	6113	13.0	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Health care and social assistance</b> .....	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
<b>Leisure and hospitality</b> .....		288.1	3.3	1.4	0.9	0.5	1.9
<b>Arts, entertainment, and recreation</b> .....	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
<b>Accommodation and food services</b> .....	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
<b>Other services</b> .....		74.5	4.9	1.8	0.9	--	3.1
<b>Other services, except public administration</b> .....	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	--	--	--
<b>State and local government</b> .....		315.2	5.3	2.3	1.3	1.0	3.0
<b>State government</b> .....		73.9	3.4	1.7	1.2	0.5	1.7

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Arizona

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2008 Average annual employment <sup>4</sup> (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 <sup>5</sup>	Cases with job transfer or restriction	
<b>Service-providing</b> .....		73.9	3.4	1.7	1.2	0.5	1.7
<b>Education and health services</b> .....		--	--	--	--	--	--
<b>Educational services</b> .....	61	--	--	--	--	--	--
Colleges, universities, and professional schools .....	6113	29.5	2.0	0.6	0.4	0.2	1.4
<b>Public administration</b> .....		43.3	3.9	2.4	1.7	0.7	1.5
<b>Public administration</b> .....	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
<b>Local government</b> .....		241.3	6.0	2.6	1.4	1.2	3.4
<b>Goods-producing<sup>6</sup></b> .....		3.7	5.7	2.9	2.1	0.8	2.8
<b>Construction</b> .....		3.3	5.7	2.9	2.1	0.8	2.8
<b>Construction</b> .....	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
<b>Service-providing</b> .....		237.6	6.0	2.6	1.3	1.2	3.4
<b>Trade, transportation, and utilities<sup>9</sup></b> .....		6.9	8.2	3.4	2.6	0.7	4.8
<b>Transportation and warehousing<sup>9</sup></b> .....	48-49	--	--	--	--	--	--
Transit and ground passenger transportation .....	485	0.3	9.6	6.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Utilities</b> .....	22	5.3	8.0	3.1	2.6	0.5	5.0

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
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
<b>Education and health services</b> .....		148.1	5.6	2.2	1.0	1.2	3.5
<b>Educational services</b> .....	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
<b>Health care and social assistance</b> .....	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
<b>Public administration</b> .....		71.7	6.4	3.0	1.7	1.3	3.4
<b>Public administration</b> .....	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

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
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

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers. 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.

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).

<sup>8</sup> 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.

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> North American Industry Classification System 2002 Edition

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the Bureau of Economic Analysis, U.S. Department of Commerce, Quarterly Census of Employment and Wages.

<sup>9</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>10</sup> Data too small to be displayed.

<sup>5</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction. NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data for mining (Sector 21 in the North American Industry Classification System -- SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies. 2002) include establishments not governed by the Mine Safety and Health Administration rules and reporting, such as those in oil and gas extraction and related support activities. mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration.