

Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2004

Arizona

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2004 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> .....		2,295.1	4.7	2.2	1.2	1.0	2.4
<b>Private industry<sup>6</sup></b> .....		1,972.3	4.5	2.2	1.2	1.0	2.3
<b>Goods producing<sup>6</sup></b> .....		403.7	5.8	2.8	1.5	1.2	3.0
<b>Natural resources and mining<sup>6,7</sup></b> .....		35.3	4.8	3.1	1.9	1.2	1.7
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	27.0	5.3	3.3	2.1	1.3	2.0
Crop production <sup>6</sup> .....	111	9.3	4.3	2.3	1.6	0.7	1.9
Support activities for agriculture and forestry .....	115	14.4	5.0	4.1	2.3	1.8	0.9
<b>Mining<sup>7</sup></b> .....	21	8.2	3.4	2.4	1.4	1.0	1.0
Mining (except oil and gas) <sup>8</sup> .....	212	8.1	3.4	2.4	1.4	1.0	1.0
Metal ore mining <sup>8</sup> .....	2122	5.8	3.1	2.1	1.2	0.9	1.1
Nonmetallic mineral mining and quarrying <sup>8</sup> .....	2123	--	4.2	3.3	1.9	1.3	0.9
<b>Construction</b> .....		191.8	7.4	3.2	1.9	1.2	4.2
<b>Construction</b> .....	23	191.8	7.4	3.2	1.9	1.2	4.2
Construction of buildings .....	236	35.7	4.0	2.0	1.5	0.5	2.0
Residential building construction .....	2361	22.7	3.8	2.0	1.6	0.4	1.8
Nonresidential building construction .....	2362	13.0	4.3	1.9	1.3	0.6	2.3
Heavy and civil engineering construction .....	237	24.5	7.3	2.8	1.6	1.2	4.5
Land subdivision .....	2372	5.6	4.7	1.7	0.8	0.9	3.0
Highway, street, and bridge construction .....	2373	8.3	10.1	4.3	3.3	1.0	5.7
Specialty trade contractors .....	238	131.5	8.3	3.5	2.1	1.4	4.8
Foundation, structure, and building exterior contractors .....	2381	40.8	8.8	3.8	2.3	1.6	5.0
Poured concrete foundation and structure contractors .....	23811	8.5	7.3	3.8	2.9	0.8	3.6
Structural steel and precast concrete contractors .....	23812	2.6	12.1	5.1	4.1	1.1	7.0

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

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Framing contractors .....	23813	11.7	14.6	5.7	2.3	--	9.0
Masonry contractors .....	23814	9.4	3.2	1.6	1.2	0.3	1.6
Roofing contractors .....	23816	5.7	7.5	4.8	3.3	1.4	2.8
Building equipment contractors .....	2382	39.3	9.8	3.8	2.3	1.5	6.0
Electrical contractors .....	23821	18.3	7.0	3.8	2.5	1.3	3.1
Plumbing, heating, and air-conditioning contractors .....	23822	20.4	12.1	3.6	1.8	1.8	8.4
Building finishing contractors .....	2383	34.7	6.7	2.8	1.4	1.4	3.9
Painting and wall covering contractors .....	23832	7.1	5.6	1.8	1.5	0.3	3.8
Finish carpentry contractors .....	23835	4.9	13.4	6.6	3.0	3.6	6.8
<b>Manufacturing .....</b>		176.7	4.4	2.4	1.1	1.3	2.0
<b>Manufacturing .....</b>	31-33	176.7	4.4	2.4	1.1	1.3	2.0
Soft drink manufacturing .....	312111	3.2	13.4	6.2	3.0	3.2	7.2
Wood product manufacturing .....	321	8.6	11.1	5.4	2.0	3.4	5.7
Other wood product manufacturing .....	3219	6.0	11.4	5.0	2.0	3.0	6.4
Millwork .....	32191	2.0	16.4	6.2	3.5	2.7	10.3
Printing and related support activities .....	323	6.7	3.4	1.8	1.3	0.5	1.6
Chemical manufacturing .....	325	3.9	3.0	1.4	0.7	0.7	1.6
Nonmetallic mineral product manufacturing .....	327	8.5	7.2	4.2	1.8	2.4	3.0
Primary metal manufacturing .....	331	4.1	5.3	3.4	0.9	2.5	1.9
Fabricated metal product manufacturing .....	332	17.3	5.4	1.7	0.8	1.0	3.6
Architectural and structural metals manufacturing .....	3323	7.1	9.1	3.3	1.5	1.8	5.8
Ornamental and architectural metal products manufacturing .....	33232	5.2	8.7	2.9	0.7	2.1	5.8
Sheet metal work manufacturing .....	332322	1.9	10.5	1.6	( <sup>11</sup> )	1.0	8.9
Machinery manufacturing .....	333	8.1	3.7	2.7	1.1	1.5	1.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3334	1.6	4.6	3.8	0.9	3.0	0.8
Metalworking machinery manufacturing .....	3335	1.7	3.0	2.1	1.7	--	0.9
Computer and electronic product manufacturing .....	334	44.2	1.3	0.8	0.3	0.4	0.6
Semiconductor and other electronic component manufacturing .....	3344	26.7	1.3	0.6	0.3	0.3	0.7
Semiconductor and other electronic component manufacturing .....	33441	26.7	1.3	0.6	0.3	0.3	0.7
Semiconductor and related device manufacturing .....	334413	21.6	0.6	0.4	--	0.3	0.3
Electrical equipment, appliance, and component manufacturing .....	335	2.1	6.3	1.8	0.9	0.8	4.5
Transportation equipment manufacturing .....	336	31.3	2.8	1.4	0.5	1.0	1.4

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

Arizona

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Aerospace product and parts manufacturing . . . . .	3364	26.4	2.0	0.9	0.3	0.5	1.1
Aerospace product and parts manufacturing . . . . .	33641	26.4	2.0	0.9	0.3	0.5	1.1
Aircraft engine and engine parts manufacturing . . . . .	336412	6.4	0.7	0.3	0.2	--	0.4
Furniture and related product manufacturing . . . . .	337	9.0	9.5	5.6	3.8	1.7	3.9
Household and institutional furniture and kitchen cabinet manufacturing . . . . .	3371	6.8	8.9	4.5	3.7	0.8	4.5
<b>Service providing</b> . . . . .		1,568.6	4.1	2.0	1.1	0.9	2.1
<b>Trade, transportation, and utilities<sup>9</sup></b> . . . . .		461.3	5.5	3.0	1.4	1.5	2.5
<b>Wholesale trade</b> . . . . .	42	95.8	3.5	1.8	1.0	0.8	1.7
<b>Retail trade</b> . . . . .	44-45	289.5	5.6	2.8	1.1	1.7	2.8
Motor vehicle and parts dealers . . . . .	441	43.8	5.2	1.3	0.9	0.4	3.9
Automobile dealers . . . . .	4411	27.1	5.1	1.0	0.8	0.2	4.1
Furniture and home furnishings stores . . . . .	442	12.8	7.9	4.3	2.1	2.3	3.6
Electronics and appliance stores . . . . .	443	10.3	2.4	0.6	0.4	0.2	1.8
Food and beverage stores . . . . .	445	52.1	6.8	3.2	1.1	2.1	3.6
Grocery stores . . . . .	4451	47.7	6.9	3.1	0.9	2.1	3.9
Health and personal care stores . . . . .	446	16.0	3.1	1.8	0.5	1.3	1.2
Clothing and clothing accessories stores . . . . .	448	20.0	1.4	0.6	0.3	0.2	0.8
Sporting goods, hobby, book, and music stores . . . . .	451	11.5	3.6	0.9	0.7	( <sup>11</sup> )	2.8
General merchandise stores . . . . .	452	56.0	8.7	5.4	2.2	3.1	3.3
Miscellaneous store retailers . . . . .	453	21.0	3.5	2.3	1.0	1.3	1.2
Nonstore retailers . . . . .	454	7.6	3.2	1.9	1.1	0.8	1.2
<b>Transportation and warehousing<sup>9</sup></b> . . . . .	48-49	64.6	8.3	5.7	3.4	2.2	2.7
Air transportation . . . . .	481	15.2	14.0	10.7	8.0	2.7	3.3
Rail transportation <sup>9</sup> . . . . .	482	--	3.3	2.5	2.2	( <sup>11</sup> )	0.8
Truck transportation . . . . .	484	18.5	5.7	3.8	2.0	--	1.9
Transit and ground passenger transportation . . . . .	485	5.6	8.1	4.7	2.8	1.9	3.4
Couriers and messengers . . . . .	492	9.0	9.9	7.2	2.5	4.7	2.6
<b>Utilities</b> . . . . .	22	11.4	4.2	2.6	1.0	1.6	1.6

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Electric power generation, transmission and distribution .....	2211	8.5	2.1	1.1	0.5	0.6	1.0
<b>Information</b> .....		47.9	2.0	1.2	0.4	0.7	0.9
<b>Information</b> .....	51	47.9	2.0	1.2	0.4	0.7	0.9
Publishing industries (except Internet) .....	511	12.0	--	0.6	0.4	--	1.1
Newspaper publishers .....	51111	6.3	2.3	0.8	0.7	( <sup>11</sup> )	1.5
Telecommunications .....	517	18.4	2.5	1.9	0.4	1.5	0.6
<b>Financial activities</b> .....		164.1	2.0	0.8	0.5	0.4	1.2
<b>Finance and insurance</b> .....	52	118.4	1.1	0.3	0.2	0.1	0.8
<b>Real estate and rental and leasing</b> .....	53	45.7	4.5	2.3	1.2	1.1	2.2
Real estate .....	531	29.7	3.2	1.6	0.6	--	1.6
Rental and leasing services .....	532	14.4	7.7	4.0	2.4	1.6	3.7
<b>Professional and business services</b> .....		337.1	2.7	1.6	1.2	0.4	1.1
<b>Professional, scientific, and technical services</b> .....	54	109.5	1.1	0.5	0.3	--	0.6
<b>Management of companies and enterprises</b> .....	55	22.4	4.2	2.1	--	0.8	2.1
<b>Administrative and support and waste management and remediation services</b> .....	56	205.2	4.6	2.9	2.3	--	--
Waste management and remediation services .....	562	3.8	6.8	4.4	2.9	1.5	2.4
<b>Education and health services</b> .....		253.7	4.8	1.9	1.0	0.9	2.9
<b>Educational services</b> .....	61	31.1	1.5	0.4	0.3	0.1	1.1
<b>Health care and social assistance</b> .....	62	222.6	5.1	2.0	1.1	1.0	3.1
Ambulatory health care services .....	621	96.1	3.1	1.1	0.7	0.4	2.0

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Hospitals . . . . .	622	62.5	7.4	3.0	1.8	1.2	4.4
Nursing and residential care facilities . . . . .	623	33.8	8.3	3.6	1.2	2.4	4.8
Social assistance . . . . .	624	30.2	3.1	1.3	0.7	0.6	1.8
<b>Leisure and hospitality . . . . .</b>		241.8	3.9	1.7	1.0	0.7	2.2
<b>Arts, entertainment, and recreation . . . . .</b>	71	30.3	5.8	2.0	1.5	0.5	3.8
Amusement, gambling, and recreation industries . . . . .	713	21.9	5.9	1.7	1.2	0.5	4.3
<b>Accommodation and food services . . . . .</b>	72	211.5	3.6	1.7	0.9	0.8	1.9
Accommodation . . . . .	721	44.3	6.5	3.8	1.8	1.9	2.7
Food services and drinking places . . . . .	722	167.2	2.8	1.1	0.7	--	1.7
<b>Other services . . . . .</b>		62.6	3.8	1.8	1.0	0.9	1.9
<b>Other services, except public administration . . . . .</b>	81	62.6	3.8	1.8	1.0	0.9	1.9
Repair and maintenance . . . . .	811	26.3	5.8	2.8	1.4	--	3.0
Automotive repair and maintenance . . . . .	8111	20.3	6.5	3.0	1.5	--	3.5
Personal and laundry services . . . . .	812	20.3	1.2	0.6	0.2	0.3	0.6
Religious, grantmaking, civic, professional, and similar organizations . . . . .	813	16.0	2.8	1.6	1.0	0.5	1.2
<b>State and local government . . . . .</b>		322.8	5.7	2.4	1.5	0.9	3.3
<b>State government . . . . .</b>		69.8	2.2	1.0	0.7	0.3	1.3
<b>Service providing . . . . .</b>		69.8	2.2	1.0	0.7	0.3	1.3
<b>Local government . . . . .</b>		253.0	6.8	2.9	1.8	1.1	3.9
<b>Goods producing<sup>6</sup> . . . . .</b>		4.7	13.0	9.1	5.8	3.3	3.8
<b>Service providing . . . . .</b>		248.3	6.7	2.7	1.7	1.0	3.9

See footnotes at end of table.

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Professional and business services .....		1.7	15.1	9.9	8.5	1.3	5.2
Administrative and support and waste management and remediation services .....	56	1.5	16.7	11.1	9.5	1.5	5.6
Education and health services .....		137.2	5.8	2.2	1.3	0.9	3.6
Educational services .....	61	131.1	5.5	2.1	1.3	0.8	3.4
Educational services .....	611	131.1	5.5	2.1	1.3	0.8	3.4
Health care and social assistance .....	62	6.1	10.3	3.2	1.5	1.8	7.1
Leisure and hospitality .....		17.4	6.7	3.6	2.4	1.1	3.1
Public administration .....		--	--	--	--	--	--
Public administration .....	92	--	--	--	--	--	--
Justice, public order, and safety activities .....	922	22.0	12.6	5.1	4.1	0.9	7.6

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Justice, public order, and safety activities . . . . .	9221	22.0	12.6	5.1	4.1	0.9	7.6
Police protection . . . . .	92212	14.1	12.2	3.7	2.7	1.0	8.5
Fire protection . . . . .	92216	5.9	16.5	9.0	8.0	1.0	7.5

<sup>1</sup> 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).

<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 BLS-State Quarterly Census of Employment and Wages.

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

<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* -- 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.

<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>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> Incidence rate less than 0.05.

<sup>11</sup> 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.