

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999**

**Arizona**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>All Industries including State and local government<sup>7</sup></b>		2,103.9	6.1	2.7	1.6	3.4	5.8	2.6	1.6	3.2
<b>Private Industry<sup>7</sup></b>		1,844.5	6.0	2.7	1.6	3.3	5.8	2.7	1.6	3.1
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		49.4	7.0	3.3	2.5	3.6	6.8	3.3	2.4	3.5
Agricultural production <sup>7</sup>	01-02	15.0	8.6	3.1	2.9	5.5	8.5	3.1	2.9	5.4
Agricultural production-crops <sup>7</sup>	01	11.7	8.5	2.8	2.7	5.7	8.3	2.8	2.7	5.5
Agricultural production - livestock <sup>7</sup>	02	3.3	8.9	3.9	3.4	5.0	8.8	3.9	3.4	5.0
Agricultural services	07	34.2	6.3	3.5	2.3	2.8	6.1	3.4	2.3	2.7
<b>Mining<sup>8</sup></b>		11.3	3.2	2.2	1.1	1.0	3.1	2.2	1.1	1.0
Metal mining <sup>8</sup>	10	9.2	3.1	2.0	1.0	1.0	3.1	2.0	1.0	1.0
<b>Construction</b>		154.6	10.3	4.4	3.5	5.9	10.2	4.4	3.4	5.8
General building contractors	15	28.1	7.6	3.7	2.6	3.9	7.5	3.7	2.6	3.8
Residential building construction	152	15.1	9.1	4.0	3.5	5.1	9.1	4.0	3.5	5.1
Nonresidential building construction	154	11.2	6.4	3.7	1.6	2.7	6.2	3.6	1.6	2.6
Heavy construction, except building	16	16.4	9.3	3.9	2.9	5.4	9.2	3.7	2.8	5.4
Highway and street construction	161	6.8	9.2	4.0	2.7	5.1	9.1	4.0	2.6	5.1
Heavy construction, except highway	162	9.7	9.4	3.7	3.0	5.7	9.2	3.6	2.9	5.7
Special trade contractors	17	110.1	11.2	4.7	3.8	6.5	11.1	4.7	3.8	6.4
Plumbing, heating, air-conditioning	171	18.0	13.6	5.8	5.0	7.7	13.4	5.8	5.0	7.6
Painting and paper hanging	172	6.0	7.3	3.7	3.1	3.6	7.2	3.7	3.1	3.5
Electrical work	173	16.5	7.2	3.8	2.7	3.4	7.2	3.8	2.7	3.4
Masonry, stonework, and plastering	174	22.2	8.3	3.6	3.0	4.8	8.3	3.5	2.9	4.8
Carpentry and floor work	175	13.0	18.2	7.3	6.5	10.9	18.2	7.3	6.4	10.9
Roofing, siding, and sheet metal work	176	5.5	17.1	7.8	6.3	9.4	16.6	7.5	6.0	9.1
Concrete work	177	11.9	7.0	3.8	2.3	3.2	6.9	3.7	2.2	3.1
Miscellaneous special trade contractors	179	16.4	14.3	4.4	3.7	--	14.2	4.3	3.6	--
<b>Manufacturing</b>		211.4	6.3	3.2	1.3	3.1	5.9	3.0	1.2	2.9
Durable goods		--	5.9	2.9	1.2	3.1	5.5	2.7	1.1	2.8
Furniture and fixtures	25	5.9	9.4	4.4	1.6	5.0	9.2	4.4	1.6	4.9
Household furniture	251	4.3	8.5	4.0	1.2	4.6	8.3	4.0	1.2	4.3
Stone, clay, and glass products	32	9.0	9.1	4.2	1.5	4.9	8.9	4.0	1.4	4.8
Concrete, gypsum, and plaster products	327	6.5	8.7	3.9	1.6	4.9	8.6	3.8	1.6	4.8
Ready-mixed concrete	3273	4.1	5.6	2.3	0.8	3.2	5.5	2.3	0.8	3.2
Primary metal industries	33	6.7	10.9	6.6	1.6	4.3	10.3	6.5	1.6	3.7
Fabricated metal products	34	15.2	10.1	4.7	1.6	5.4	9.7	4.6	1.5	5.1
Fabricated structural metal products	344	8.1	9.4	4.5	1.8	4.8	9.1	4.5	1.8	4.6
Sheet metal work	3444	2.6	5.9	3.8	1.0	2.1	5.4	3.7	1.0	1.7
Industrial machinery and equipment	35	14.0	7.2	2.7	1.0	4.5	7.1	2.6	0.9	4.5
Metalworking machinery	354	1.8	5.0	1.7	0.6	3.2	5.0	1.7	0.6	3.2
Computer and office equipment	357	3.6	1.4	0.5	0.2	0.9	1.3	0.3	0.2	0.9
Refrigeration and service machinery	358	2.2	15.4	9.9	3.7	5.6	15.3	9.8	3.6	5.6
Electronic and other electric equipment	36	45.3	2.5	1.1	0.6	1.4	2.2	1.0	0.6	1.2
Electronic components and accessories	367	40.6	2.5	1.1	0.6	1.4	2.1	1.0	0.6	1.2

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Arizona**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Transportation equipment	37	37.7	3.5	2.0	0.7	1.5	3.1	1.8	0.6	1.3
Aircraft and parts	372	21.4	3.2	1.8	0.7	1.4	2.8	1.6	0.7	1.2
Instruments and related products	38	13.2	2.3	0.8	0.3	1.6	1.6	0.6	--	1.1
Miscellaneous manufacturing industries	39	5.0	9.3	3.5	2.0	5.7	8.5	2.8	1.8	5.7
Toys and sporting goods	394	2.2	6.0	3.5	0.7	2.5	4.5	2.1	0.5	2.4
<b>Nondurable goods</b>		--	7.4	4.2	1.6	3.2	7.2	4.0	1.5	3.1
Bottled and canned soft drinks	2086	3.1	14.0	9.4	3.0	4.6	13.4	9.2	2.9	4.2
Apparel and other textile products	23	2.5	5.0	2.2	1.0	2.8	4.9	2.2	1.0	2.8
Paper and allied products	26	2.6	5.1	2.1	1.8	2.9	5.0	2.0	1.7	2.9
Printing and publishing	27	17.6	3.5	1.5	1.0	2.0	3.3	1.4	1.0	1.9
Newspapers	271	6.8	3.7	1.7	1.3	2.0	3.3	1.6	1.3	1.8
Commercial printing	275	6.6	3.8	1.4	0.7	2.4	3.7	1.4	0.7	2.4
Commercial printing, lithographic	2752	4.5	4.5	1.7	0.9	2.8	4.4	1.6	0.8	2.8
Chemicals and allied products	28	5.6	3.7	1.3	0.5	2.5	3.4	1.1	0.5	2.3
Soap, cleaners, and toilet goods	284	2.4	2.9	1.0	--	1.9	2.3	0.8	--	1.6
Rubber and miscellaneous plastics products	30	8.2	10.1	4.9	3.2	5.2	9.8	4.8	3.1	5.0
Miscellaneous plastics products, n.e.c.	308	7.6	10.5	5.3	3.5	5.2	10.1	5.2	3.4	4.9
Plastics products, n.e.c.	3089	5.0	8.9	5.3	--	3.6	8.6	5.2	--	3.4
<b>Transportation and public utilities<sup>8</sup></b>		102.2	6.5	3.8	2.6	2.7	6.0	3.5	2.5	2.5
Railroad transportation <sup>8</sup>	40	--	5.2	4.1	3.3	1.1	5.0	4.0	3.1	1.0
Local and interurban passenger transit	41	6.4	6.7	5.2	3.0	1.5	6.5	5.1	3.0	1.4
Trucking and warehousing	42	23.0	9.9	5.7	4.1	4.2	9.6	5.5	4.0	4.1
Transportation by air	45	29.1	9.9	6.0	4.6	3.9	9.7	5.9	4.6	3.9
Communications	48	22.8	4.0	2.0	0.9	2.0	2.8	1.4	0.7	1.5
Electric, gas, and sanitary services	49	13.8	2.1	1.2	0.5	1.0	2.0	1.1	0.4	0.9
<b>Wholesale and retail trade</b>		511.0	6.3	2.7	1.4	3.7	6.2	2.6	1.4	3.6
Wholesale trade		109.9	7.3	3.3	1.6	4.0	7.1	3.1	1.6	4.0
Wholesale trade--durable goods	50	69.6	6.3	2.3	0.9	4.0	6.3	2.3	0.9	4.0
Wholesale trade--nondurable goods	51	40.3	9.0	5.0	2.9	4.0	8.6	4.6	2.9	4.0
Retail trade		401.1	6.0	2.4	1.4	3.6	5.9	2.4	1.3	3.5
Building materials and garden supplies	52	15.7	6.7	2.3	1.2	4.4	6.4	2.3	1.2	4.2
Lumber and other building materials	521	9.1	7.6	2.3	1.4	5.3	7.3	2.3	1.4	5.0
General merchandise stores	53	44.2	8.9	5.2	2.4	3.7	8.8	5.1	2.4	3.7
Department stores	531	40.9	9.2	5.3	2.5	3.9	9.1	5.3	2.5	3.9
Food stores	54	61.0	7.6	3.4	1.8	4.2	7.4	3.2	1.6	4.2
Grocery stores	541	56.2	7.9	3.5	1.9	4.4	7.6	3.3	1.7	4.4
Automotive dealers and service stations	55	49.1	6.9	1.8	1.3	5.1	6.8	1.8	1.3	5.0
New and used car dealers	551	21.3	5.6	1.3	0.6	4.3	5.6	1.3	0.6	4.3
Apparel and accessory stores	56	13.7	2.5	1.2	0.6	1.2	2.5	1.2	0.6	1.2
Furniture and homefurnishings stores	57	21.1	6.0	3.1	1.6	2.9	5.9	3.0	1.6	2.8
Eating and drinking places	58	147.4	5.0	1.7	1.0	3.3	5.0	1.7	1.0	3.3
Miscellaneous retail	59	49.0	3.4	1.7	0.9	1.7	3.2	1.6	0.9	1.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Arizona**

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			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>Finance, insurance, and real estate</b>		139.7	1.8	0.8	0.5	1.0	1.6	0.7	0.5	0.9
Real estate	65	32.9	3.4	1.5	0.8	1.9	3.3	1.5	0.8	1.8
<b>Services</b>		658.0	5.4	2.4	1.5	3.0	5.2	2.4	1.5	2.8
Hotels and other lodging places	70	46.4	7.5	2.7	1.4	4.8	7.4	2.6	1.4	4.8
Personal services	72	21.1	2.5	1.3	0.7	1.2	2.5	1.3	0.7	1.2
Auto repair, services, and parking	75	26.7	8.8	4.0	2.2	4.8	8.5	3.9	2.1	4.6
Miscellaneous repair services	76	8.2	6.3	2.6	1.8	3.7	6.1	2.4	1.7	3.7
Amusement and recreation services	79	33.5	10.7	4.1	3.3	6.6	10.2	4.0	3.2	6.2
Health services	80	146.3	7.3	2.9	1.6	4.4	7.0	2.8	1.5	4.2
Nursing and personal care facilities	805	16.8	19.1	7.2	2.6	11.8	18.9	7.2	2.6	11.7
Hospitals	806	59.3	9.7	4.4	2.8	5.3	9.3	4.3	2.7	5.0
Educational services	82	18.3	2.1	0.6	0.4	1.4	2.1	0.6	0.4	1.4
Social services	83	41.6	6.2	2.4	1.1	3.8	6.0	2.4	1.1	3.6
<b>State and local government</b>		259.4	6.4	2.5	1.6	4.0	6.1	2.4	1.6	3.7
<b>State government</b>		--	--	--	--	--	--	--	--	--
<b>Local government</b>		191.7	6.7	2.6	1.6	4.1	6.4	2.5	1.5	3.9

<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>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>9</sup> Incidence rate less than 0.05.

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

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>5</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>6</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

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

n.e.c. = not elsewhere classified.

-- 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.