

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses, by industry and case type, 1996**

**Arizona**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1996 Annual average employment <sup>4</sup> (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
All industries including State and local government <sup>7</sup> .....		1,847.5	7.7	3.2	2.0	4.6	7.4	3.1	1.9	4.4
Private industry <sup>7</sup> .....		1,600.5	7.7	3.3	2.0	4.4	7.4	3.2	1.9	4.2
Agriculture, forestry, and fishing <sup>7</sup> .....		43.6	9.0	4.7	3.8	4.3	8.9	4.6	3.8	4.2
Agricultural production <sup>7</sup> .....	01-02	14.4	13.2	7.0	5.4	6.2	13.1	6.9	5.4	6.2
Agricultural production-crops <sup>7</sup> .....	01	11.3	15.0	7.3	5.5	7.7	14.9	7.2	5.5	7.7
Agricultural services .....	07	28.9	6.9	3.5	3.0	3.4	6.7	3.5	3.0	3.2
Mining <sup>8</sup> .....		14.0	2.8	1.5	1.4	1.3	2.8	1.5	1.3	1.3
Metal mining <sup>8</sup> .....	10	11.7	2.4	1.3	1.2	1.1	2.4	1.3	1.2	1.1
Construction .....		126.2	13.1	4.7	3.9	8.4	13.0	4.6	3.9	8.4
General building contractors .....	15	23.6	11.6	1.9	1.5	9.7	11.6	1.9	1.5	9.7
Residential building construction .....	152	12.7	16.9	1.6	1.5	-	16.8	1.6	1.5	-
Nonresidential building construction .....	154	9.5	6.8	2.6	1.7	4.2	6.8	2.6	1.7	4.2
Heavy construction, except building .....	16	14.3	9.7	3.8	3.2	5.9	9.7	3.8	3.2	5.8
Highway and street construction .....	161	5.1	8.5	2.9	2.5	5.6	8.5	2.9	2.5	5.6
Heavy construction, except highway .....	162	9.1	10.3	4.3	3.5	6.0	10.3	4.3	3.5	5.9
Special trade contractors .....	17	88.4	14.0	5.5	4.7	8.5	14.0	5.5	4.6	8.5
Plumbing, heating, air-conditioning .....	171	14.5	13.9	3.8	3.1	10.0	13.7	3.7	2.9	10.0
Electrical work .....	173	12.4	12.7	3.1	2.1	9.6	12.7	3.1	2.1	9.6
Masonry, stonework, and plastering .....	174	17.7	11.0	6.0	5.3	5.0	11.0	6.0	5.3	5.0
Carpentry and floor work .....	175	10.4	22.8	10.8	9.5	11.9	22.8	10.8	9.5	11.9
Roofing, siding, and sheet metal work .....	176	5.1	16.1	5.6	4.8	10.4	16.0	5.6	4.8	10.4
Concrete work .....	177	9.6	13.4	5.4	4.7	8.0	13.1	5.2	4.4	8.0
Miscellaneous special trade contractors .....	179	13.6	14.8	5.4	4.4	9.4	14.8	5.3	4.4	9.4
Manufacturing .....		199.5	7.7	3.4	1.7	4.3	7.1	3.1	1.6	4.0
Durable goods .....		150.5	7.3	2.9	1.5	4.4	6.7	2.7	1.4	4.1
Lumber and wood products .....	24	9.2	16.7	6.0	3.7	10.7	16.7	6.0	3.7	10.7
Millwork, plywood and structural members .....	243	5.1	16.9	6.6	4.0	10.3	16.9	6.6	4.0	10.3
Fabricated metal products .....	34	12.3	13.1	6.8	3.8	6.3	12.6	6.5	3.6	6.1
Fabricated structural metal products .....	344	6.5	15.8	9.0	5.6	6.8	15.4	8.7	5.3	6.7
Sheet metalwork .....	3444	2.0	13.1	7.1	2.3	6.0	12.8	6.9	2.3	5.9
Electronic and other electric equipment .....	36	45.7	3.9	1.8	1.1	2.1	3.1	1.3	.8	1.8
Electronic components and accessories .....	367	41.1	3.5	1.7	1.0	1.8	2.7	1.2	.7	1.4
Transportation equipment .....	37	32.8	4.4	1.4	.7	3.0	3.6	1.2	.7	2.5
Aircraft and parts .....	372	18.5	3.5	.7	.5	2.8	3.3	.6	.5	2.7
Instruments and related products .....	38	12.2	2.6	1.0	.5	1.6	2.1	.8	.4	1.3
Nondurable goods .....		49.0	8.8	4.7	2.2	4.1	8.4	4.5	2.1	3.9
Food and kindred products .....	20	11.1	15.0	10.3	3.7	4.8	14.8	10.1	3.6	4.6
Bakery products .....	205	1.8	9.0	7.7	1.6	1.3	8.7	7.6	1.6	1.1
Beverages .....	208	2.7	19.4	9.9	5.0	9.6	19.1	9.7	4.9	9.4
Bottled and canned soft drinks .....	2086	2.6	19.6	10.0	5.0	9.7	19.3	9.8	5.0	9.5
Apparel and other textile products .....	23	2.9	5.9	2.7	1.5	3.2	5.9	2.7	1.5	3.2
Paper and allied products .....	26	2.3	8.3	3.5	2.1	4.9	7.0	3.5	2.1	3.5
Printing and publishing .....	27	17.7	4.3	1.8	1.3	2.5	4.1	1.7	1.3	2.3
Newspapers .....	271	6.6	4.0	2.1	2.1	2.0	3.7	2.0	2.0	1.7
Commercial printing .....	275	7.3	3.5	1.5	1.0	2.0	3.4	1.4	1.0	2.0
Chemicals and allied products .....	28	5.6	5.7	2.6	1.0	3.2	4.9	1.9	.9	3.0
Soap, cleaners, and toilet goods .....	284	2.9	5.4	2.4	.4	3.0	4.1	1.4	.3	2.7
Rubber and miscellaneous plastics products .....	30	7.7	12.9	5.8	3.0	7.1	12.3	5.4	2.8	6.9
Miscellaneous plastics products, n.e.c. ....	308	6.9	12.5	5.9	2.8	6.6	11.8	5.5	2.6	6.4
Plastics products, n.e.c. ....	3089	3.6	15.6	7.3	3.1	8.3	14.3	6.5	2.8	7.8

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued**

**Arizona**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1996 Annual average employment <sup>4</sup> (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				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 and public utilities <sup>8,9</sup> .....		90.2	7.7	4.0	2.4	3.7	7.1	3.8	2.3	3.3
Local and interurban passenger transit .....	41	5.3	9.3	5.4	4.6	3.9	8.7	5.3	4.5	3.5
Transportation by air <sup>9</sup> .....	45	24.8	15.2	8.3	4.2	6.9	14.1	7.9	3.9	6.2
Communications .....	48	21.1	4.7	2.1	1.0	2.6	3.7	1.8	.9	1.8
Wholesale and retail trade .....		465.6	6.9	2.8	1.6	4.1	6.9	2.8	1.6	4.1
Wholesale trade .....		102.1	8.3	4.2	2.3	4.1	8.2	4.2	2.3	4.1
Wholesale trade--durable goods .....	50	65.8	9.0	4.1	2.0	4.9	9.0	4.1	2.0	4.9
Wholesale trade--nondurable goods .....	51	36.3	6.8	4.3	2.8	2.5	6.7	4.2	2.8	2.5
Retail trade .....		363.5	6.5	2.3	1.4	4.2	6.4	2.3	1.4	4.1
Building materials and garden supplies .....	52	13.5	9.2	5.4	3.5	3.8	9.2	5.4	3.5	3.8
General merchandise stores .....	53	40.5	10.0	5.4	3.0	4.6	9.9	5.3	2.9	4.6
Department stores .....	531	37.5	10.2	5.6	3.0	4.6	10.0	5.5	3.0	4.6
Food stores .....	54	54.3	9.8	5.0	2.0	4.8	9.5	4.8	2.0	4.7
Grocery stores .....	541	50.0	10.5	5.2	1.9	5.3	10.1	5.0	1.9	5.1
Automotive dealers and service stations .....	55	43.7	9.9	1.8	1.5	8.1	9.9	1.8	1.4	8.1
Apparel and accessory stores .....	56	13.5	.8	.1	.1	.8	.8	.1	.1	.8
Miscellaneous retail .....	59	42.5	4.9	1.6	1.2	3.3	4.8	1.5	1.1	3.3
Finance, insurance, and real estate .....		115.9	2.8	1.0	.7	1.8	2.5	.9	.7	1.6
Real estate .....	65	30.9	5.8	2.5	1.8	3.3	5.8	2.5	1.8	3.3
Services .....		543.2	8.0	3.6	1.9	4.5	7.7	3.5	1.9	4.2
Hotels and other lodging places .....	70	42.7	12.5	7.2	4.1	5.3	12.0	7.1	4.0	4.9
Auto repair, services, and parking .....	75	23.3	8.3	3.2	1.9	5.1	8.3	3.2	1.9	5.1
Miscellaneous repair services .....	76	6.9	9.1	3.7	3.2	5.4	9.0	3.6	3.2	5.4
Amusement and recreation services .....	79	27.3	9.4	3.7	2.6	5.8	9.4	3.6	2.6	5.8
Health services .....	80	131.6	6.9	3.2	2.5	3.6	6.6	3.2	2.4	3.4
Nursing and personal care facilities .....	805	17.6	13.0	6.8	4.3	6.2	12.8	6.7	4.2	6.0
Hospitals .....	806	54.9	8.4	4.3	3.7	4.2	8.2	4.2	3.7	3.9
State and local government .....		247.0	8.1	2.5	2.0	5.6	7.7	2.4	1.9	5.3
State government .....		65.8	6.6	2.2	1.8	4.4	6.0	2.0	1.7	4.0
Local government .....		181.3	8.7	2.7	2.0	6.0	8.3	2.6	2.0	5.8

<sup>1</sup> The 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> *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. Employment in private households (SIC 88) is excluded.

<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.

<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> In 1996, air courier operations previously classified in Industry Groups 421, 422, 423, 452, 473, and 478 were reclassified to Industry Group 451. As a result, the 1996 estimates for these SIC's and Major Industry Groups 42, 45, and 47 are not comparable to those for prior years. In addition, the 1996 estimates for transportation and public utilities may have more variability than those for prior years.

NOTE: Because of rounding, components may not add to totals.  
n.e.c. = not elsewhere classified.  
- 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.