

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998

Arizona

Industry ²	SIC code ³	1998 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
All Industries including State and local government⁷		2,025.3	6.2	2.8	1.9	3.5	6.0	2.7	1.8	3.4
Private Industry⁷		1,772.2	6.1	2.7	1.8	3.4	5.9	2.6	1.7	3.3
Agriculture, forestry, and fishing⁷		48.1	7.3	2.9	2.4	4.4	7.2	2.9	2.4	4.3
Agricultural production ⁷	01-02	14.8	8.9	2.9	2.4	6.0	8.7	2.9	2.4	5.9
Agricultural production-crops ⁷	01	11.5	9.9	3.2	2.6	6.7	9.8	3.2	2.6	6.6
Agricultural services	07	33.1	6.6	2.8	2.4	3.8	6.5	2.8	2.4	3.7
Mining⁸		12.7	4.0	2.5	1.4	1.5	4.0	2.5	1.4	1.5
Metal mining ⁸	10	10.7	3.9	2.5	1.3	1.4	3.9	2.5	1.3	1.4
Construction		143.2	11.5	5.0	3.7	6.6	11.5	4.9	3.6	6.5
General building contractors	15	26.3	7.7	3.0	1.8	4.6	7.6	3.0	1.8	4.6
Residential building construction	152	13.5	7.7	3.1	2.4	4.6	7.6	3.0	2.3	4.6
Operative builders	153	1.5	2.1	(⁹)	(⁹)	2.1	2.1	(⁹)	(⁹)	2.1
Nonresidential building construction	154	11.4	8.4	3.4	1.5	5.0	8.4	3.4	1.4	5.0
Heavy construction, except building	16	15.0	11.5	4.8	3.3	6.7	11.5	4.8	3.2	6.7
Highway and street construction	161	5.6	11.4	4.1	2.8	7.3	11.4	4.1	2.8	7.3
Heavy construction, except highway	162	9.3	11.6	5.2	3.5	6.4	11.6	5.2	3.5	6.4
Special trade contractors	17	101.9	12.5	5.5	4.2	7.0	12.5	5.4	4.1	7.0
Plumbing, heating, air-conditioning	171	17.1	13.6	4.8	4.3	8.8	13.6	4.8	4.3	8.7
Painting and paper hanging	172	5.4	6.6	3.4	2.6	3.2	6.3	3.2	2.5	3.1
Electrical work	173	14.9	8.4	3.0	1.7	5.5	8.4	2.9	1.7	5.4
Masonry, stonework, and plastering	174	20.3	14.2	6.3	4.8	7.9	14.1	6.2	4.7	7.9
Carpentry and floor work	175	11.9	19.4	7.2	6.8	12.2	19.4	7.2	6.8	12.2
Roofing, siding, and sheet metal work	176	5.4	15.4	8.6	7.3	6.8	15.2	8.4	7.1	6.8
Concrete work	177	11.2	11.0	5.6	3.3	5.3	11.0	5.6	3.3	5.3
Miscellaneous special trade contractors	179	15.1	10.6	5.9	4.1	4.7	10.6	5.9	4.1	4.7
Manufacturing		214.9	6.7	3.3	1.6	3.5	6.2	3.1	1.5	3.1
Durable goods		164.3	6.1	2.7	1.4	3.4	5.5	2.5	1.3	3.0
Lumber and wood products	24	9.9	11.0	4.7	3.3	6.2	10.9	4.7	3.3	6.2
Millwork, plywood and structural members	243	5.3	11.8	5.2	4.0	6.6	11.6	5.2	4.0	6.5
Furniture and fixtures	25	5.3	9.9	3.6	2.0	6.3	9.7	3.6	2.0	6.1
Household furniture	251	3.9	8.7	3.9	1.7	4.8	8.5	3.9	1.7	4.6
Stone, clay, and glass products	32	8.9	10.1	5.4	2.6	4.7	9.8	5.3	2.6	4.6
Concrete, gypsum, and plaster products	327	6.2	10.2	5.0	2.9	5.1	10.0	4.9	2.9	5.0
Ready-mixed concrete	3273	3.8	4.8	3.3	1.2	1.5	4.8	3.3	1.2	1.5
Primary metal industries	33	7.6	12.3	6.5	2.0	5.8	11.4	6.1	1.9	5.3
Fabricated metal products	34	14.0	12.6	6.9	2.9	5.8	12.0	6.5	2.8	5.5
Fabricated structural metal products	344	7.0	14.7	8.2	3.8	6.5	14.6	8.2	3.7	6.4
Sheet metal work	3444	2.4	16.2	10.4	3.8	5.8	15.9	10.2	3.6	5.7
Industrial machinery and equipment	35	13.9	6.7	2.9	1.3	3.8	6.6	2.8	1.3	3.8
Metalworking machinery	354	2.1	9.5	2.7	2.4	6.8	9.5	2.7	2.4	6.8
Refrigeration and service machinery	358	2.0	11.1	8.0	2.9	3.1	11.1	8.0	2.8	3.1
Industrial machinery, n.e.c.	359	2.3	6.5	2.5	1.4	4.1	6.5	2.5	1.4	4.1

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued

Arizona

Industry ²	SIC code ³	1998 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Industrial machinery, n.e.c.	3599	2.1	6.9	2.6	1.5	4.3	6.9	2.6	1.5	4.3
Electronic and other electric equipment	36	48.6	3.2	1.2	0.8	2.0	2.6	1.0	0.7	1.6
Electronic components and accessories	367	43.6	2.9	1.1	0.8	1.8	2.3	1.0	0.6	1.4
Transportation equipment	37	36.7	3.7	1.3	0.6	2.5	2.9	0.9	0.5	1.9
Aircraft and parts	372	22.0	3.4	1.2	0.6	2.2	2.6	0.9	0.5	1.8
Miscellaneous manufacturing industries	39	5.0	10.3	3.7	2.2	6.6	9.8	3.4	2.0	6.4
Toys and sporting goods	394	2.4	7.8	4.6	1.9	3.2	6.9	4.1	1.7	2.9
Nondurable goods		50.5	8.8	5.2	2.4	3.6	8.5	5.0	2.3	3.5
Food and kindred products	20	11.2	15.9	10.9	3.7	5.0	15.4	10.4	3.7	5.0
Bakery products	205	1.8	9.5	5.9	--	3.6	--	5.6	--	3.6
Beverages	208	2.8	20.3	13.8	3.8	6.4	19.5	13.4	3.8	6.1
Miscellaneous food and kindred products	209	2.5	12.5	7.2	2.4	5.2	12.4	7.2	2.4	5.2
Apparel and other textile products	23	2.8	2.6	0.4	0.4	2.2	2.6	0.4	0.4	2.2
Paper and allied products	26	2.7	8.0	4.5	2.4	3.6	7.8	4.5	2.4	3.3
Printing and publishing	27	17.6	4.2	2.0	1.6	2.2	3.9	1.8	1.5	2.1
Newspapers	271	6.9	4.9	2.9	2.5	2.0	4.1	2.5	2.3	1.6
Commercial printing	275	7.1	4.8	2.2	1.5	2.6	4.6	2.0	1.4	2.6
Commercial printing, lithographic	2752	4.3	4.5	1.7	0.9	2.9	4.5	1.6	0.9	2.9
Chemicals and allied products	28	6.3	6.1	3.5	0.7	2.5	5.5	3.2	0.7	2.3
Soap, cleaners, and toilet goods	284	2.7	6.3	2.6	0.5	3.7	5.2	2.1	0.5	3.1
Rubber and miscellaneous plastics products	30	8.7	11.3	6.3	3.9	5.0	11.0	6.1	3.7	4.9
Miscellaneous plastics products, n.e.c.	308	8.0	10.9	6.6	3.9	4.4	10.5	6.4	3.8	4.2
Plastics products, n.e.c.	3089	5.5	11.4	7.2	4.5	4.2	11.1	7.0	4.4	4.1
Transportation and public utilities⁸		98.8	7.2	4.2	3.0	3.0	6.8	4.0	2.8	2.8
Railroad transportation ⁸	40	--	4.4	3.1	2.7	1.2	4.2	3.0	2.5	1.2
Local and interurban passenger transit	41	6.6	10.6	5.7	4.9	4.9	10.4	5.6	4.8	4.8
Trucking and warehousing	42	21.7	7.6	4.7	2.5	2.9	7.5	4.6	2.5	2.9
Trucking and courier services, except air	421	18.9	7.0	4.6	2.3	2.3	6.9	4.6	2.3	2.3
Transportation by air	45	27.7	12.1	8.1	6.7	4.0	11.7	7.8	6.5	3.9
Communications	48	23.4	4.6	1.8	1.0	2.8	3.3	1.4	0.8	1.9
Electric, gas, and sanitary services	49	12.8	4.4	2.1	1.2	2.2	4.2	2.0	1.1	2.2
Wholesale and retail trade		499.0	6.3	2.7	1.8	3.6	6.2	2.6	1.7	3.6
Wholesale trade		109.6	7.3	3.8	2.6	3.5	7.2	3.7	2.5	3.5
Wholesale trade--durable goods	50	71.1	7.0	3.8	2.8	3.2	7.0	3.7	2.7	3.2
Wholesale trade--nondurable goods	51	38.5	7.6	3.7	2.3	4.0	7.6	3.6	2.2	3.9
Retail trade		389.4	5.9	2.3	1.5	3.6	5.8	2.2	1.4	3.6
Building materials and garden supplies	52	15.1	8.4	3.9	2.0	4.6	8.4	3.9	2.0	4.6
Lumber and other building materials	521	9.1	8.0	4.2	1.8	3.7	8.0	4.2	1.8	3.7
General merchandise stores	53	41.2	8.2	4.7	2.6	3.5	8.1	4.6	2.5	3.5
Department stores	531	38.2	8.3	4.7	2.6	3.6	8.2	4.6	2.5	3.6
Food stores	54	59.3	6.8	3.2	1.9	3.6	6.6	3.0	1.7	3.6
Grocery stores	541	54.6	6.9	3.1	1.8	3.8	6.8	3.0	1.6	3.8

See footnotes at end of table.

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Automotive dealers and service stations	55	46.9	6.5	2.2	1.5	4.3	6.4	2.1	1.5	4.3
New and used car dealers	551	20.4	6.6	1.9	1.0	4.7	6.6	1.9	1.0	4.7
Apparel and accessory stores	56	13.8	3.0	0.6	0.5	2.4	2.9	0.6	0.5	2.4
Furniture and homefurnishings stores	57	22.2	5.9	2.8	1.6	3.1	5.8	2.8	1.6	3.0
Eating and drinking places	58	144.0	5.2	1.2	1.1	4.0	5.1	1.2	1.1	3.9
Miscellaneous retail	59	46.8	4.1	1.7	1.0	2.4	4.0	1.6	1.0	2.3
Finance, insurance, and real estate		134.7	1.9	0.6	0.4	1.3	1.7	0.5	0.4	1.1
Real estate	65	32.7	4.0	1.1	0.8	2.9	4.0	1.1	0.7	2.9
Services		617.2	5.2	2.3	1.5	3.0	5.1	2.2	1.4	2.9
Hotels and other lodging places	70	45.8	9.4	4.4	1.7	5.1	9.4	4.3	1.7	5.0
Personal services	72	21.1	4.3	2.5	1.8	1.8	4.2	2.4	1.8	1.8
Auto repair, services, and parking	75	25.2	8.8	3.9	2.5	5.0	8.8	3.9	2.5	5.0
Miscellaneous repair services	76	7.5	7.4	3.1	2.9	4.3	7.4	3.1	2.9	4.3
Amusement and recreation services	79	31.6	7.4	3.2	2.4	4.2	7.2	3.1	2.2	4.1
Health services	80	141.3	7.9	2.9	2.1	5.0	7.5	2.7	1.9	4.8
Nursing and personal care facilities	805	16.5	13.0	6.5	3.6	6.5	13.0	6.5	3.6	6.5
Hospitals	806	58.9	12.3	4.2	3.4	8.1	11.8	4.0	3.2	7.8
Educational services	82	16.3	2.2	0.3	0.3	1.8	2.1	0.3	0.3	1.7
Social services	83	39.8	6.8	2.4	1.5	4.4	6.7	2.4	1.5	4.3
State and local government		253.1	7.0	2.9	2.4	4.1	6.7	2.8	2.3	3.9
State government		65.6	4.7	2.3	2.1	2.4	4.5	2.2	2.1	2.3
Local government		187.4	7.9	3.1	2.5	4.8	7.7	3.1	2.4	4.6
Construction		3.0	16.4	8.4	5.2	8.0	16.1	8.1	5.1	8.0

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 *Standard Industrial Classification Manual*, 1987 Edition.

⁴ 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.

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

⁶ Days-away-from-work cases include those which result in days away from

work with or without restricted work activity.

⁷ Excludes farms with fewer than 11 employees.

⁸ 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.

⁹ Incidence rate less than 0.05.

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.