

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

Virginia

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		3,074.7	5.9	2.7	1.8	3.2	5.6	2.6	1.7	3.0
Private Industry⁷		2,646.3	5.7	2.6	1.7	3.1	5.4	2.5	1.7	2.9
Agriculture, forestry, and fishing⁷		33.1	9.0	4.0	3.1	4.9	8.8	4.0	3.1	4.8
Agricultural production ⁷	01-02	9.6	13.2	5.5	3.5	7.7	12.9	5.5	3.4	7.5
Agricultural production-crops ⁷	01	6.0	15.0	6.3	4.3	8.7	14.9	6.3	4.3	8.6
Agricultural production - livestock ⁷	02	3.6	9.4	4.0	1.9	5.4	8.9	3.8	1.7	5.1
Agricultural services	07	22.9	8.0	3.7	3.0	4.2	7.8	3.7	3.0	4.1
Landscape and horticultural services	078	14.0	8.0	4.6	3.6	3.4	7.8	4.6	3.6	3.2
Mining⁸		10.5	7.8	5.2	4.6	2.6	7.5	5.1	4.5	2.4
Metal mining ⁸	10	0.1	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Coal mining ⁸	12	6.4	9.0	6.6	5.9	2.5	8.7	6.4	5.8	2.2
Oil and gas extraction	13	0.7	11.5	3.8	3.8	7.7	11.5	3.8	3.8	7.7
Nonmetallic minerals, except fuels ⁸	14	3.3	5.0	3.4	2.9	1.5	4.9	3.4	2.8	1.5
Construction		189.1	7.1	3.6	3.0	3.5	7.0	3.6	2.9	3.4
General building contractors	15	42.3	6.0	2.3	2.2	3.7	6.0	2.3	2.2	3.7
Heavy construction, except building	16	29.3	7.6	4.7	3.2	2.9	7.2	4.6	3.1	2.6
Highway and street construction	161	10.1	9.5	5.3	3.2	4.2	8.6	5.3	3.1	3.3
Heavy construction, except highway	162	19.2	6.5	4.3	3.2	2.2	6.5	4.3	3.2	2.2
Special trade contractors	17	117.5	7.3	3.8	3.2	3.5	7.3	3.8	3.1	3.5
Plumbing, heating, air-conditioning	171	27.9	5.5	3.2	2.3	--	5.5	3.2	2.3	--
Painting and paper hanging	172	6.6	5.3	3.9	3.8	1.4	5.1	3.9	3.8	1.1
Electrical work	173	21.2	7.8	3.0	2.0	4.8	7.8	3.0	2.0	4.7
Masonry, stonework, and plastering	174	17.4	10.6	5.8	5.4	4.8	10.6	5.8	5.4	4.8
Carpentry and floor work	175	8.0	12.1	7.2	6.3	4.9	12.1	7.2	6.3	4.9
Roofing, siding, and sheet metal work	176	7.5	7.9	4.5	4.1	3.4	7.9	4.5	4.1	3.4
Water well drilling	178	0.7	9.3	(⁹)	(⁹)	9.3	9.3	(⁹)	(⁹)	9.3
Miscellaneous special trade contractors	179	19.2	6.5	2.9	2.7	3.6	6.1	2.8	2.6	3.3
Manufacturing		405.5	8.2	3.8	1.9	4.3	7.4	3.5	1.8	3.9
Durable goods		207.1	9.9	4.4	2.4	5.5	9.1	4.1	2.3	5.0
Lumber and wood products	24	27.3	10.2	5.1	3.4	5.1	10.2	5.1	3.4	5.1
Furniture and fixtures	25	21.9	7.3	3.2	--	4.1	7.2	3.2	--	3.9
Household furniture	251	18.8	7.4	3.2	--	--	7.3	3.2	--	--
Stone, clay, and glass products	32	12.2	7.8	3.1	1.6	4.7	7.7	3.0	1.6	4.7
Primary metal industries	33	9.9	12.3	6.4	3.5	5.9	11.7	6.3	3.5	5.5
Fabricated metal products	34	19.0	13.0	5.5	4.0	7.5	13.0	5.5	4.0	7.5
Industrial machinery and equipment	35	29.6	10.1	4.4	2.7	5.7	10.0	4.4	2.7	5.5
Electronic and other electric equipment	36	32.1	3.3	1.4	0.9	2.0	3.1	1.2	0.7	1.9
Transportation equipment	37	40.0	16.4	7.3	2.9	9.1	13.3	6.1	2.5	7.3
Instruments and related products	38	11.0	3.3	1.4	0.7	1.9	3.1	1.3	0.7	1.8
Nondurable goods		--	6.4	3.2	1.4	3.1	5.7	2.9	1.3	2.7

See footnotes at end of table.

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

Virginia

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	
Food and kindred products	20	40.0	10.5	5.5	1.5	5.1	8.3	4.4	1.3	3.9
Meat products	201	18.5	14.4	7.7	1.6	6.7	9.9	5.6	--	4.3
Dairy products	202	2.3	5.4	2.7	0.9	2.7	5.4	2.7	0.9	2.7
Bakery products	205	4.9	6.0	3.4	0.9	2.5	5.7	3.3	0.9	2.4
Tobacco products	21	--	5.6	2.5	2.2	3.1	5.3	2.4	2.1	2.9
Textile mill products	22	33.3	5.1	2.8	--	2.4	4.9	2.7	--	2.3
Apparel and other textile products	23	15.8	7.7	3.3	1.6	4.4	6.8	2.9	1.5	3.9
Paperboard mills	263	3.7	4.6	1.6	1.3	3.0	4.1	1.5	1.2	2.7
Printing and publishing	27	38.0	4.7	2.7	2.0	2.1	4.6	2.6	2.0	1.9
Chemicals and allied products	28	21.6	2.8	1.9	0.8	1.0	2.6	1.7	0.8	0.9
Plastics materials and synthetics	282	11.2	2.6	2.0	0.6	0.7	2.5	1.9	0.6	0.6
Miscellaneous chemical products	289	2.3	4.5	3.4	2.5	--	3.4	2.7	2.1	--
Rubber and miscellaneous plastics products	30	21.6	8.9	3.9	1.5	5.0	8.5	3.8	1.5	4.7
Transportation and public utilities⁸		164.2	6.1	3.6	2.4	2.6	6.0	3.5	2.4	2.5
Railroad transportation ⁸	40	--	1.5	1.0	0.9	0.5	1.5	1.0	0.9	0.5
Trucking and warehousing	42	42.3	9.0	5.3	3.9	3.7	9.0	5.3	3.9	3.7
Trucking and courier services, except air	421	37.8	9.3	5.4	4.1	3.9	9.3	5.4	4.1	3.9
Transportation by air	45	29.2	12.1	7.4	5.1	4.7	11.8	7.2	5.0	4.6
Transportation services	47	10.2	2.2	1.1	0.5	1.1	2.2	1.1	0.5	1.1
Communications	48	49.2	1.9	1.0	0.8	0.9	1.7	0.9	0.7	0.8
Telephone communications	481	36.5	1.9	1.0	0.8	0.8	1.7	0.9	0.7	0.7
Electric, gas, and sanitary services	49	19.2	5.8	2.9	1.1	2.9	5.8	2.9	1.1	2.9
Wholesale and retail trade		733.2	6.9	2.7	1.7	4.2	6.5	2.6	1.7	3.9
Wholesale trade		145.9	7.8	3.6	2.2	4.2	7.7	3.5	2.2	4.2
Wholesale trade--durable goods	50	89.1	7.5	3.1	2.2	4.4	7.5	3.1	2.2	4.4
Professional and commercial equipment	504	26.2	2.6	1.4	1.0	1.2	2.5	1.4	1.0	1.2
Wholesale trade--nondurable goods	51	56.7	8.3	4.3	2.2	3.9	8.1	4.3	2.1	3.8
Retail trade		587.3	6.6	2.4	1.6	4.2	6.1	2.3	1.6	3.8
Building materials and garden supplies	52	23.9	10.0	4.7	2.6	5.3	9.8	4.7	2.6	5.2
General merchandise stores	53	74.7	7.8	4.0	2.8	3.8	7.7	3.9	2.8	3.8
Department stores	531	57.7	8.5	4.2	3.2	4.3	8.3	4.1	3.2	4.2
Food stores	54	90.5	8.9	3.0	2.4	5.9	8.8	3.0	2.4	5.9
Grocery stores	541	83.2	9.3	3.1	2.5	6.2	9.3	3.1	2.5	6.2
Automotive dealers and service stations	55	66.0	4.4	1.6	1.4	2.8	4.1	1.5	1.4	2.5
New and used car dealers	551	29.3	4.8	1.6	1.5	3.2	4.4	1.5	1.4	2.8
Apparel and accessory stores	56	28.1	2.1	0.8	0.7	1.3	2.1	0.8	0.7	1.3
Furniture and homefurnishings stores	57	34.3	4.8	1.5	1.2	3.2	4.8	1.5	1.2	3.2
Eating and drinking places	58	194.7	7.7	2.5	1.2	5.2	6.5	2.1	1.2	4.4
Miscellaneous retail	59	75.2	3.2	0.9	0.5	2.3	3.2	0.9	0.5	2.3
Finance, insurance, and real estate		173.8	1.6	0.8	0.7	0.8	1.5	0.8	0.7	0.8
Real estate	65	40.7	4.1	1.6	1.3	2.6	3.9	1.5	1.3	2.4

See footnotes at end of table.

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Services		932.0	3.7	1.7	1.2	2.0	3.6	1.6	1.2	1.9
Hotels and other lodging places	70	46.4	7.1	3.5	2.6	3.6	7.1	3.5	2.6	3.6
Personal services	72	36.5	3.0	1.5	1.3	1.5	3.0	1.5	1.3	1.5
Business services	73	278.8	1.4	0.6	--	0.7	1.3	0.6	--	0.7
Auto repair, services, and parking	75	27.9	5.2	2.7	2.4	2.5	5.2	2.7	2.4	2.5
Miscellaneous repair services	76	9.1	5.8	2.1	1.2	3.6	5.7	2.1	1.2	3.6
Motion pictures	78	10.5	1.1	0.1	0.1	1.0	1.0	0.1	0.1	0.9
Amusement and recreation services	79	36.2	7.0	2.8	1.7	4.3	6.8	2.8	1.7	4.0
Health services	80	212.6	7.7	3.4	2.2	4.2	7.2	3.3	2.2	3.8
Nursing and personal care facilities	805	31.8	18.1	10.5	5.9	7.7	18.0	10.5	5.9	7.5
Hospitals	806	84.8	9.5	3.3	2.3	6.1	8.5	3.2	2.1	5.4
Educational services	82	33.4	5.9	1.5	1.4	4.4	5.8	1.5	1.4	4.4
Social services	83	54.6	4.8	2.4	1.8	2.4	4.7	2.4	1.8	2.4
Museums, botanical, zoological gardens	84	4.0	9.4	3.6	--	5.8	--	3.4	--	5.5
Membership organizations	86	31.8	1.8	0.6	0.5	1.2	1.7	0.6	0.5	1.1
Engineering and management services	87	128.0	1.1	0.7	0.6	0.4	1.1	0.7	0.6	0.4
State and local government		428.5	7.5	3.5	2.4	4.0	7.3	3.4	2.3	3.8
State government		127.7	6.8	3.6	2.9	3.1	6.5	3.6	2.8	2.9
Construction		10.3	7.9	3.5	3.3	4.5	7.3	3.5	3.2	3.9
Services		78.7	6.2	3.3	2.1	2.9	5.9	3.3	2.1	2.6
Public administration		38.3	7.6	4.4	4.3	3.2	7.4	4.2	4.1	3.2
Administration of human resources	94	8.3	5.4	1.9	1.9	3.5	5.4	1.9	1.9	3.5
Environmental quality and housing	95	1.9	9.5	6.0	5.3	3.5	9.4	6.0	5.3	3.3
Administration of economic programs	96	6.3	2.2	1.3	1.3	--	2.2	1.3	1.3	--
Local government		300.8	7.9	3.4	2.2	4.5	7.7	3.4	2.1	4.3
Construction		2.0	13.5	10.0	6.7	3.6	13.3	10.0	6.7	3.4
Transportation and public utilities		13.6	19.9	9.0	5.0	11.0	19.5	8.9	5.0	10.5
Public administration		65.6	10.0	4.7	2.9	5.3	9.5	4.5	2.8	5.0
Executive, legislative, and general	91	18.2	9.4	2.7	2.0	--	9.4	2.7	2.0	--

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Services		218.2	6.1	2.4	1.5	3.7	6.0	2.3	1.5	3.6
Justice, public order, and safety	92	32.4	12.3	8.8	4.9	3.5	10.8	8.3	4.4	2.5
Environmental quality and housing	95	5.0	5.7	3.3	2.4	2.4	--	3.1	2.2	2.2

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.