

TABLE 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1997

Washington

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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> .....		2,417.2	9.6	4.0	3.2	5.6	8.9	3.7	3.0	5.2
<b>Private industry<sup>7</sup></b> .....		2,051.0	9.8	4.1	3.2	5.7	9.1	3.8	3.0	5.3
<b>Agriculture, forestry, and fishing<sup>7</sup></b> .....		89.9	11.2	5.1	4.4	6.1	10.6	4.9	4.3	5.7
Agricultural production <sup>7</sup> .....	01-02	62.4	8.9	3.8	3.6	5.1	8.5	3.8	3.6	4.7
Agricultural production—crops <sup>7</sup> .....	01	56.7	8.2	3.6	3.5	4.6	7.8	3.6	3.5	4.2
Fruits and tree nuts <sup>7</sup> .....	017	36.5	7.7	3.9	3.9	3.8	7.1	3.9	3.9	3.2
Agricultural production—livestock <sup>7</sup> .....	02	5.7	16.4	6.4	5.3	10.1	16.0	6.1	5.0	9.9
Agricultural services .....	07	21.8	15.9	7.6	5.8	8.3	14.8	7.2	5.6	7.6
<b>Mining<sup>8</sup></b> .....		3.4	6.7	3.6	2.6	3.1	6.3	3.3	2.4	3.0
<b>Construction</b> .....		127.9	17.3	7.0	6.3	10.4	17.0	6.8	6.1	10.2
General building contractors .....	15	35.8	18.0	8.6	7.4	9.4	17.6	8.6	7.4	9.0
Residential building construction .....	152	19.1	21.3	11.0	10.9	10.3	20.6	11.0	10.9	9.6
Nonresidential building construction .....	154	15.7	14.9	6.4	4.0	8.5	14.7	6.4	4.0	8.4
Heavy construction, except building .....	16	18.0	11.9	3.8	3.5	8.1	11.7	3.7	3.5	7.9
Highway and street construction .....	161	5.2	11.8	4.0	3.9	7.8	11.7	4.0	3.9	7.7
Heavy construction, except highway .....	162	12.8	11.9	3.7	3.3	8.2	11.6	3.6	3.3	8.0
Special trade contractors .....	17	74.1	18.5	7.1	6.5	11.5	18.2	6.8	6.3	11.4
Plumbing, heating, air-conditioning .....	171	15.7	18.0	5.1	4.9	12.9	17.9	5.1	4.8	12.9
Painting and paper hanging .....	172	5.1	18.0	5.8	4.9	12.2	17.4	5.4	4.6	12.0
Electrical work .....	173	14.6	12.9	3.7	2.9	9.1	12.8	3.7	2.9	9.1
Masonry, stonework, and plastering .....	174	10.2	22.1	10.7	10.2	11.3	21.6	10.3	9.8	11.3
Carpentry and floor work .....	175	6.1	26.0	12.5	12.2	13.5	25.8	12.4	12.2	13.4
Roofing, siding, and sheet metal work .....	176	6.2	28.3	13.9	12.5	14.4	27.2	12.8	11.5	14.4
Concrete work .....	177	4.3	13.8	6.1	5.9	7.7	13.7	6.1	5.9	7.7
Miscellaneous special trade contractors .....	179	11.5	19.5	7.4	6.9	12.1	19.0	7.1	6.6	11.9
<b>Manufacturing</b> .....		365.3	13.5	6.3	4.2	7.2	11.6	5.6	3.9	6.1
Durable goods .....		257.6	13.5	6.5	4.3	7.0	11.4	5.7	3.9	5.7
Lumber and wood products .....	24	34.7	23.7	11.7	10.0	11.9	22.2	11.4	9.8	10.8
Logging .....	241	7.3	24.9	16.0	15.0	8.8	23.1	15.1	14.1	8.0
Sawmills and planing mills .....	242	14.7	24.1	11.1	9.8	13.0	22.0	10.9	9.7	11.1
Sawmills and planing mills, general .....	2421	13.1	22.8	11.4	10.2	11.4	20.6	11.2	10.1	9.4
Millwork, plywood and structural members .....	243	9.1	20.7	9.5	6.3	11.2	20.3	9.4	6.3	10.9
Millwork .....	2431	4.0	18.5	8.8	5.3	9.7	18.1	8.8	5.2	9.3
Furniture and fixtures .....	25	3.9	17.4	8.9	7.0	8.6	17.0	8.5	6.6	8.5
Stone, clay, and glass products .....	32	9.3	17.2	6.6	4.6	10.6	16.7	6.4	4.5	10.3
Primary nonferrous metals .....	333	6.2	20.4	12.6	4.7	7.8	17.5	11.5	4.5	6.1
Fabricated metal products .....	34	13.8	23.3	8.4	7.1	14.9	22.3	8.2	6.9	14.1
Fabricated structural metal products .....	344	6.0	31.6	12.7	11.1	18.9	30.5	12.4	10.9	18.1
Industrial machinery and equipment .....	35	26.1	11.7	4.4	2.9	7.3	10.7	4.1	2.8	6.6
Special industry machinery .....	355	4.4	12.7	3.7	2.5	9.0	11.1	3.7	2.5	7.3
Computer and office equipment .....	357	8.3	4.1	1.6	.6	2.5	3.3	1.3	.4	2.0
Industrial machinery, n.e.c. ....	359	5.0	22.9	7.5	5.8	15.4	22.3	7.2	5.6	15.1

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, 1997— Continued

## Washington

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>	
Electronic and other electric equipment .....	36	16.8	5.7	2.4	1.5	3.3	4.9	2.0	1.4	2.9
Electronic components and accessories .....	367	8.6	4.1	1.9	1.0	2.2	3.3	1.4	.8	1.9
Transportation equipment .....	37	119.0	11.5	6.0	3.2	5.5	8.3	4.7	2.7	3.6
Motor vehicles and equipment .....	371	5.3	16.6	10.9	3.4	5.7	14.8	10.1	3.2	4.7
Aircraft and parts .....	372	104.7	10.1	5.3	2.5	4.9	6.7	3.9	2.0	2.8
Aircraft .....	3721	—	10.0	5.5	2.5	4.5	6.3	4.0	2.0	2.3
Aircraft parts and equipment, n.e.c. ....	3728	10.1	11.5	3.5	2.6	8.0	10.9	3.2	2.4	7.6
Ship and boat building and repairing .....	373	6.7	32.4	15.1	13.9	17.3	31.0	14.3	13.2	16.8
Ship building and repairing .....	3731	3.0	39.8	21.8	21.4	18.0	39.7	21.7	21.3	18.0
Boat building and repairing .....	3732	3.7	26.2	9.5	7.7	16.7	23.8	8.0	6.4	15.8
Instruments and related products .....	38	14.2	4.0	2.1	1.6	2.0	2.9	1.5	1.1	1.4
Miscellaneous manufacturing industries .....	39	8.3	8.8	5.2	3.0	3.7	7.9	4.8	2.9	3.1
Toys and sporting goods .....	394	5.4	7.0	4.4	2.1	2.6	5.9	3.9	1.9	2.0
Nondurable goods .....		107.7	13.6	5.7	4.1	7.9	12.2	5.3	3.9	7.0
Food and kindred products .....	20	41.4	19.2	7.6	5.6	11.6	17.1	6.9	5.4	10.2
Meat products .....	201	4.2	21.6	12.9	5.7	8.7	12.6	8.1	5.0	4.5
Preserved fruits and vegetables .....	203	13.6	14.5	7.1	5.3	7.3	14.1	7.1	5.3	7.0
Bakery products .....	205	3.7	15.4	6.5	5.2	9.0	14.9	6.1	4.9	8.8
Beverages .....	208	3.2	18.8	7.6	5.8	11.2	17.2	7.1	5.4	10.2
Miscellaneous food and kindred products .....	209	12.2	26.2	7.5	6.5	18.7	23.5	7.1	6.3	16.4
Apparel and other textile products .....	23	8.4	7.8	3.2	2.7	4.6	6.9	3.1	2.7	3.8
Paper and allied products .....	26	16.2	11.4	6.5	3.8	5.0	10.1	6.0	3.5	4.1
Paper mills .....	262	8.2	10.3	6.5	—	—	—	—	—	—
Paperboard containers and boxes .....	265	3.1	13.7	6.8	3.0	6.8	13.0	6.4	2.7	6.6
Printing and publishing .....	27	23.6	8.0	2.6	2.2	5.4	7.2	2.4	2.1	4.7
Newspapers .....	271	9.9	10.1	3.2	2.4	6.9	9.2	2.8	2.2	6.4
Commercial printing .....	275	7.4	7.6	2.2	1.9	5.4	6.2	1.9	1.8	4.2
Commercial printing, lithographic .....	2752	4.5	6.8	2.1	1.9	4.8	4.9	1.8	1.6	3.0
Chemicals and allied products .....	28	5.5	4.9	2.3	1.4	2.6	4.5	2.1	1.4	2.4
Rubber and miscellaneous plastics products .....	30	8.9	20.0	8.9	5.5	11.2	19.2	8.5	5.3	10.7
Miscellaneous plastics products, n.e.c. ....	308	8.4	19.9	8.5	5.4	11.4	19.1	8.2	5.2	10.8
<b>Transportation and public utilities<sup>8</sup> .....</b>		126.6	10.4	6.3	5.7	4.2	10.0	6.0	5.5	4.0
Railroad transportation <sup>8</sup> .....	40	—	3.6	2.6	1.9	1.1	3.6	2.5	1.9	1.1
Local and interurban passenger transit .....	41	5.9	16.4	7.5	6.6	8.9	16.2	7.4	6.5	8.8
Trucking and warehousing .....	42	30.1	15.2	7.6	7.3	7.6	15.1	7.5	7.3	7.6
Trucking and courier services, except air .....	421	25.8	15.3	7.5	7.4	7.8	15.2	7.4	7.3	7.8
Public warehousing and storage .....	422	4.4	14.8	8.2	6.8	6.6	14.4	8.2	6.8	6.3
Water transportation .....	44	9.4	10.4	7.8	7.5	2.6	9.9	7.6	7.3	2.4
Transportation by air .....	45	23.7	21.3	15.8	14.6	5.4	20.2	15.2	14.0	4.9
Communications .....	48	28.9	3.6	1.8	1.5	1.8	3.2	1.6	1.3	1.6
Telephone communications .....	481	19.8	3.5	1.8	1.4	1.7	3.0	1.6	1.2	1.4

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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>	
Electric, gas, and sanitary services .....	49	15.7	4.0	2.0	1.3	2.0	3.5	1.9	1.2	1.6
Electric services .....	491	3.0	7.4	3.2	2.6	4.1	7.1	3.0	2.4	4.0
Sanitary services .....	495	9.4	2.7	1.1	.3	1.6	2.2	1.0	.2	1.2
<b>Wholesale and retail trade .....</b>		593.2	9.4	3.2	2.6	6.2	9.2	3.1	2.5	6.1
Wholesale trade .....		145.0	9.6	4.0	3.2	5.6	9.4	4.0	3.2	5.5
Wholesale trade—durable goods .....	50	81.1	9.2	3.9	3.0	5.3	9.0	3.9	3.0	5.1
Motor vehicles, parts, and supplies .....	501	8.8	12.8	6.0	3.8	6.8	12.7	5.9	3.8	6.8
Machinery, equipment, and supplies .....	508	17.9	13.4	6.1	5.0	7.2	13.1	6.1	5.0	7.0
Miscellaneous durable goods .....	509	7.0	8.5	4.2	3.7	4.3	8.4	4.1	3.6	4.3
Wholesale trade—nondurable goods .....	51	63.9	10.1	4.1	3.5	6.0	9.9	4.0	3.5	5.9
Groceries and related products .....	514	29.6	12.8	5.6	4.8	7.2	12.4	5.4	4.7	7.1
Retail trade .....		448.1	9.3	2.8	2.3	6.5	9.1	2.7	2.3	6.3
Building materials and garden supplies .....	52	20.5	14.6	6.7	3.3	8.0	14.5	6.6	3.3	7.8
Lumber and other building materials .....	521	12.6	17.2	8.5	3.3	8.7	17.1	8.4	3.3	8.7
General merchandise stores .....	53	45.3	10.9	4.6	3.8	6.3	10.6	4.4	3.7	6.2
Department stores .....	531	41.7	11.3	4.6	3.8	6.7	11.0	4.4	3.7	6.5
Food stores .....	54	71.7	10.2	3.4	3.0	6.7	9.4	3.3	2.9	6.1
Grocery stores .....	541	59.8	10.7	3.8	3.4	6.9	9.9	3.6	3.2	6.3
Automotive dealers and service stations .....	55	47.2	10.7	3.2	2.9	7.4	10.5	3.2	2.8	7.4
New and used car dealers .....	551	20.8	9.4	2.2	2.1	7.2	9.4	2.2	2.1	7.1
Auto and home supply stores .....	553	9.0	17.1	5.2	4.2	11.9	16.9	5.0	4.0	11.8
Gasoline service stations .....	554	12.1	8.0	3.1	2.8	4.9	7.7	2.9	2.7	4.8
Apparel and accessory stores .....	56	24.1	4.1	1.3	—	2.8	3.8	—	—	2.6
Furniture and homefurnishings stores .....	57	20.3	5.4	2.2	2.0	3.2	5.3	2.2	2.0	3.1
Eating and drinking places .....	58	164.5	10.2	1.8	1.6	8.5	10.1	1.7	1.6	8.4
Miscellaneous retail .....	59	54.6	4.3	1.9	1.6	2.4	3.9	1.6	1.4	2.3
<b>Finance, insurance, and real estate .....</b>		125.1	2.8	.9	.8	1.9	2.5	.8	.7	1.7
Real estate .....	65	32.5	5.9	2.8	2.5	3.1	5.8	2.7	2.4	3.0
<b>Services .....</b>		619.6	7.1	2.8	2.0	4.3	6.6	2.6	1.9	4.0
Hotels and other lodging places .....	70	28.1	9.7	4.9	4.0	4.8	8.9	4.5	3.5	4.5
Personal services .....	72	21.8	5.9	2.1	2.0	3.8	4.4	1.7	1.6	2.7
Auto repair, services, and parking .....	75	24.5	15.2	4.9	4.1	10.3	14.6	4.7	3.9	9.9
Automotive repair shops .....	753	14.9	18.9	6.0	5.4	12.8	18.0	5.7	5.1	12.3
Miscellaneous repair services .....	76	7.8	14.2	4.1	3.5	10.1	13.9	3.9	3.2	10.0
Motion pictures .....	78	9.0	3.2	1.2	1.2	2.0	3.2	1.2	1.2	2.0
Amusement and recreation services .....	79	37.4	7.1	2.4	2.1	4.7	6.9	2.2	2.0	4.6
Health services .....	80	174.1	9.1	3.9	2.4	5.1	8.4	3.8	2.3	4.6
Nursing and personal care facilities .....	805	33.1	16.8	10.1	4.5	6.7	16.5	9.9	4.4	6.6
Hospitals .....	806	55.8	10.1	3.5	2.9	6.6	9.2	3.3	2.8	5.9
Educational services .....	82	20.4	5.6	1.1	1.0	4.5	5.5	1.0	.9	4.5
Social services .....	83	55.9	8.9	3.6	2.5	5.3	8.7	3.5	2.3	5.2
Membership organizations .....	86	23.8	5.0	1.9	1.8	3.1	4.8	1.9	1.8	2.9
Engineering and management services .....	87	55.2	2.9	.7	.5	2.2	2.7	.6	.5	2.0

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, 1997— Continued

Washington

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>State and local government</b> .....		366.2	8.1	3.3	3.1	4.8	7.4	3.1	3.0	4.3
<b>State government</b> .....		111.2	5.1	2.9	2.7	2.3	4.5	2.7	2.5	1.9
<b>Transportation and public utilities</b> .....		1.5	16.4	11.0	10.7	5.5	12.6	10.5	10.4	2.0
<b>Services</b> .....		66.4	4.6	3.1	3.1	—	4.2	2.9	2.9	—
Educational services .....	82	50.8	2.6	2.0	2.0	—	—	—	1.8	—
<b>Public administration</b> .....		41.9	5.3	2.0	1.7	3.3	4.6	1.9	1.7	2.7
<b>Local government</b> .....		255.0	9.7	3.6	3.3	6.1	9.0	3.4	3.2	5.6
<b>Services</b> .....		155.5	7.4	2.3	2.2	5.2	6.9	2.1	2.1	4.8
Educational services .....	82	137.5	6.9	2.0	2.0	4.9	6.5	1.9	1.9	4.5
<b>Public administration</b> .....		74.5	12.7	4.8	4.3	7.9	11.8	4.6	4.1	7.2

<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.

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