

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

**Puerto Rico**

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>		988.0	5.6	4.5	4.4	1.1	5.0	4.1	3.9	1.0
<b>Private Industry<sup>7</sup></b>		728.5	4.4	3.6	3.5	0.9	4.1	3.3	3.3	0.8
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		13.8	3.4	2.9	2.9	0.5	3.0	2.8	2.8	0.2
Agricultural production <sup>7</sup>	01-02	12.0	2.6	1.9	1.9	0.7	2.1	1.8	1.8	0.3
Agricultural production-crops <sup>7</sup>	01	8.5	2.5	1.7	1.7	0.8	1.9	1.6	1.6	0.3
Agricultural production - livestock <sup>7</sup>	02	3.5	3.1	3.1	3.1	( <sup>9</sup> )	3.1	3.1	3.1	( <sup>9</sup> )
<b>Mining<sup>8</sup></b>		1.4	3.7	3.7	3.7	( <sup>9</sup> )	3.6	3.6	3.6	( <sup>9</sup> )
Nonmetallic minerals, except fuels <sup>8</sup>	14	--	3.7	3.7	3.7	( <sup>9</sup> )	3.6	3.6	3.6	( <sup>9</sup> )
<b>Construction</b>		68.2	6.8	6.3	6.1	--	6.6	6.1	5.9	0.5
General building contractors	15	37.7	5.3	5.2	5.2	--	4.9	4.8	4.8	--
Residential building construction	152	21.5	4.1	3.9	3.9	--	3.5	3.4	3.4	--
Heavy construction, except building	16	9.8	12.6	10.2	10.2	2.4	12.6	10.2	10.2	2.4
Highway and street construction	161	3.8	7.8	7.1	7.1	--	7.8	7.1	7.1	--
Heavy construction, except highway	162	6.0	15.5	12.1	12.1	3.4	15.5	12.1	12.1	3.4
Special trade contractors	17	20.8	6.4	6.1	5.5	--	6.3	6.1	5.5	--
Electrical work	173	8.2	3.8	3.2	2.9	--	3.6	3.1	2.8	--
<b>Manufacturing</b>		145.5	5.2	4.0	3.9	1.2	4.6	3.6	3.5	1.0
<b>Durable goods</b>		57.8	5.2	4.2	4.1	1.0	4.6	3.8	3.8	0.8
Lumber and wood products	24	1.2	5.7	5.4	5.4	0.2	5.4	5.2	5.2	0.2
Furniture and fixtures	25	2.2	7.6	6.1	6.1	--	7.5	6.0	6.0	--
Household furniture	251	1.7	9.4	7.5	7.5	1.8	9.2	7.4	7.4	1.8
Stone, clay, and glass products	32	5.0	8.2	6.5	6.5	1.7	8.1	6.4	6.4	1.7
Concrete, gypsum, and plaster products	327	3.3	7.5	6.5	6.5	1.0	7.3	6.3	6.3	1.0
Primary metal industries	33	0.9	4.5	3.5	3.5	1.0	4.5	3.5	3.5	1.0
Fabricated metal products	34	6.8	10.1	9.2	9.0	--	9.8	8.9	8.7	--
Fabricated structural metal products	344	4.6	10.5	9.9	9.6	0.5	10.1	9.6	9.3	0.5
Metal doors, sash, and trim	3442	2.6	12.5	11.7	11.7	--	12.4	11.5	11.5	--
Miscellaneous fabricated metal products	349	0.8	12.6	11.4	11.4	--	12.6	11.4	11.4	--
Industrial machinery and equipment	35	3.8	6.7	6.3	6.3	--	6.0	5.6	5.6	--
Computer and office equipment	357	--	2.4	1.7	1.7	0.7	2.3	1.5	1.5	0.7
Electronic and other electric equipment	36	20.4	4.0	3.0	3.0	1.0	3.2	2.5	2.5	0.7
Electric distribution equipment	361	3.2	2.2	1.9	1.9	--	2.0	1.9	1.9	--
Electric lighting and wiring equipment	364	3.5	3.9	3.2	3.2	0.7	3.7	3.0	3.0	0.7
Transportation equipment	37	1.5	5.5	3.8	3.8	1.7	5.4	3.7	3.7	1.7
Instruments and related products	38	14.5	3.2	2.4	2.3	0.9	2.6	2.0	1.9	--
Surgical appliances and supplies	3842	7.2	2.9	1.9	1.8	--	--	1.7	1.5	--
<b>Nondurable goods</b>		87.7	5.2	3.9	3.8	1.4	4.6	3.4	3.3	1.2
Food and kindred products	20	16.3	6.9	5.8	5.8	--	6.0	4.9	4.9	--
Dairy products	202	1.6	8.6	6.8	6.8	1.8	7.6	5.9	5.9	1.7
Preserved fruits and vegetables	203	1.6	6.2	5.7	5.7	0.6	5.0	4.4	4.4	0.6

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**

**Puerto Rico**

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>	
Grain mill products	204	0.9	5.0	4.7	4.7	0.2	5.0	4.7	4.7	0.2
Bakery products	205	2.0	6.0	6.0	6.0	( <sup>9</sup> )	5.8	5.8	5.8	( <sup>9</sup> )
Bread, cake, and related products	2051	1.5	5.3	5.3	5.3	( <sup>9</sup> )	5.1	5.1	5.1	( <sup>9</sup> )
Beverages	208	2.9	9.3	7.2	7.2	--	8.8	6.6	6.6	--
Miscellaneous food and kindred products	209	4.2	6.2	4.2	4.2	2.0	4.2	2.5	2.5	1.6
Apparel and other textile products	23	18.4	5.3	4.0	4.0	1.3	4.7	3.5	3.5	1.2
Women's and misses' outerwear	233	1.6	6.4	4.2	4.2	2.0	5.3	3.2	3.2	2.0
Women's and children's underwear	2341	0.6	3.6	3.6	3.6	( <sup>9</sup> )	--	2.4	2.4	( <sup>9</sup> )
Paper and allied products	26	2.7	11.0	9.7	9.7	1.2	10.6	9.4	9.4	1.2
Printing and publishing	27	6.9	3.5	3.3	3.3	--	3.3	3.2	3.2	--
Commercial printing	275	2.5	2.7	2.2	2.2	0.5	2.2	2.1	2.1	0.1
Chemicals and allied products	28	29.1	3.0	1.5	1.3	1.4	2.7	1.5	1.3	1.3
Drugs	283	23.7	2.9	1.4	1.1	1.5	2.7	1.3	1.1	1.4
Pharmaceutical preparations	2834	21.1	3.1	1.5	1.2	1.6	2.9	1.4	1.2	1.5
Soap, cleaners, and toilet goods	284	3.1	3.0	2.3	2.3	--	2.8	2.2	2.2	--
Toilet preparations	2844	2.7	3.5	2.8	2.8	0.8	3.3	2.6	2.6	0.8
Leather and leather products	31	5.3	10.3	6.9	6.9	3.3	7.0	4.8	4.8	2.2
Footwear, except rubber	314	2.5	13.8	9.8	9.8	--	--	--	6.0	--
<b>Transportation and public utilities<sup>8</sup></b>		33.1	4.3	3.9	3.9	--	4.1	3.7	3.7	--
Trucking and warehousing	42	5.3	10.2	10.2	10.2	( <sup>9</sup> )	10.0	10.0	10.0	( <sup>9</sup> )
Trucking and courier services, except air	421	4.7	9.4	9.4	9.4	( <sup>9</sup> )	9.2	9.2	9.2	( <sup>9</sup> )
Transportation services	47	2.7	0.5	0.5	0.5	0.1	0.5	0.4	0.4	0.1
<b>Wholesale and retail trade</b>		214.9	3.6	3.2	3.2	0.4	3.4	3.1	3.1	0.4
Wholesale trade		42.5	3.3	2.8	2.8	0.5	3.2	2.8	2.8	0.5
Wholesale trade--durable goods	50	19.2	2.6	2.4	2.4	0.2	2.6	2.4	2.4	0.2
Hardware, plumbing and heating equipment	507	1.8	2.6	2.6	2.6	( <sup>9</sup> )	2.6	2.6	2.6	( <sup>9</sup> )
Wholesale trade--nondurable goods	51	23.3	3.9	3.1	3.1	--	3.7	3.1	3.1	--
Drugs, proprietaries, and sundries	512	5.4	1.7	1.3	1.3	--	--	1.3	1.3	( <sup>9</sup> )
Groceries and related products	514	9.6	7.5	5.9	5.9	--	7.4	5.7	5.7	--
Retail trade		172.3	3.7	3.4	3.4	0.4	3.5	3.2	3.2	0.3
Building materials and garden supplies	52	8.9	3.8	3.6	3.6	0.3	3.8	3.5	3.5	0.3
General merchandise stores	53	22.8	5.5	4.9	4.9	--	5.1	4.7	4.7	--
Department stores	531	13.4	7.6	6.9	6.9	--	7.0	6.5	6.5	--
Miscellaneous general merchandise stores	539	--	3.3	3.3	3.3	( <sup>9</sup> )	3.3	3.3	3.3	( <sup>9</sup> )
Food stores	54	28.0	5.1	4.4	4.4	--	4.9	4.3	4.3	--
Grocery stores	541	22.3	5.7	5.0	5.0	--	5.6	4.8	4.8	--
Automotive dealers and service stations	55	18.7	2.6	2.4	2.4	0.3	2.5	2.3	2.3	0.3
Auto and home supply stores	553	7.0	4.3	4.0	4.0	0.4	4.1	3.8	3.8	0.4
Apparel and accessory stores	56	18.7	4.3	3.6	3.6	0.6	4.0	3.4	3.4	0.6
Furniture and homefurnishings stores	57	8.3	3.6	3.2	3.2	0.4	2.9	2.6	2.6	0.4
Furniture and homefurnishings stores	571	4.0	5.3	4.4	4.4	0.8	4.0	3.1	3.1	0.8
Eating and drinking places	58	46.3	3.5	3.3	3.3	--	3.3	3.1	3.1	--
Eating and drinking places	581	46.3	3.5	3.3	3.3	--	3.3	3.1	3.1	--
Miscellaneous retail	59	20.6	1.8	1.8	1.8	( <sup>9</sup> )	1.7	1.6	1.6	( <sup>9</sup> )

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**

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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>	
Drug stores and proprietary stores	591	9.4	2.5	2.5	2.5	( <sup>9</sup> )	2.3	2.3	2.3	( <sup>9</sup> )
<b>Finance, insurance, and real estate</b>		50.4	2.9	2.3	2.3	0.6	2.5	2.0	2.0	0.5
Depository institutions	60	18.0	1.9	1.9	1.9	0.1	1.6	1.5	1.5	0.1
Nondepository institutions	61	8.1	2.1	2.0	2.0	( <sup>9</sup> )	1.8	1.8	1.8	( <sup>9</sup> )
Insurance carriers	63	7.8	3.5	1.8	1.8	1.8	3.0	1.4	1.4	1.6
<b>Services</b>		198.4	4.4	3.0	3.0	1.4	4.1	2.7	2.7	1.3
Hotels and other lodging places	70	14.2	9.6	5.3	5.3	4.3	9.6	5.3	5.3	4.3
Hotels and motels	701	14.1	9.7	5.3	5.3	4.4	9.7	5.3	5.3	4.4
Personal services	72	4.6	2.6	2.1	2.1	0.5	2.4	1.8	1.8	0.5
Business services	73	60.8	3.9	1.9	1.9	--	3.5	1.5	1.5	--
Personnel supply services	736	18.1	1.9	1.9	1.9	( <sup>9</sup> )	1.9	1.9	1.9	( <sup>9</sup> )
Amusement and recreation services	79	3.8	2.3	1.8	1.8	0.5	2.2	1.7	1.7	0.5
Health services	80	48.8	5.5	4.2	4.2	1.4	5.3	3.9	3.9	1.3
Hospitals	806	24.9	7.8	6.3	6.3	1.4	7.5	6.1	6.1	1.4
Educational services	82	18.7	2.2	1.8	1.8	--	2.1	1.6	1.6	--
Elementary and secondary schools	821	5.1	2.3	1.9	1.9	0.5	2.3	1.9	1.9	0.5
Colleges and universities	822	10.9	2.8	2.2	2.2	--	2.5	2.0	2.0	--
Social services	83	11.3	3.6	3.1	3.1	--	3.2	2.8	2.8	--
Membership organizations	86	2.9	4.7	4.7	4.7	( <sup>9</sup> )	1.6	1.6	1.6	( <sup>9</sup> )
Engineering and management services	87	14.1	1.6	1.2	1.2	0.4	1.5	1.1	1.1	0.4
<b>State and local government</b>		259.5	8.7	7.0	6.6	1.7	7.5	6.0	5.6	1.5
<b>State government</b>		203.3	8.0	6.2	5.7	1.8	6.8	5.2	4.7	1.6
<b>Local government</b>		56.3	11.1	9.8	9.8	--	10.2	8.9	8.9	--
<b>Public administration</b>		53.9	11.1	9.8	9.8	--	10.2	8.9	8.9	--
Executive, legislative, and general	91	53.8	11.1	9.8	9.8	--	10.2	8.9	8.9	--

<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.