

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

**Puerto Rico**

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> .....		955.4	5.2	4.2	4.2	1.0	4.5	3.7	3.7	0.8
Private industry <sup>7</sup> .....		668.5	4.4	3.5	3.5	.9	3.8	3.2	3.1	.7
Agriculture, forestry, and fishing <sup>7</sup> .....										
Agricultural production-crops <sup>7</sup> .....	01	10.1	6.1	4.7	4.7	1.5	5.4	4.2	4.2	1.2
Agricultural production-livestock <sup>7</sup> .....	02	3.9	11.2	11.2	11.2	( <sup>8</sup> )	11.2	11.2	11.2	( <sup>8</sup> )
Construction .....		54.8	6.0	4.8	4.7	1.2	5.9	4.7	4.7	1.2
Residential building construction .....	152	14.3	6.1	5.4	5.4	.7	6.0	5.3	5.3	.7
Heavy construction, except building .....	16	8.9	5.2	5.0	5.0	.2	5.1	4.9	4.9	.2
Heavy construction, except highway .....	162	4.8	4.2	4.0	4.0	.2	4.0	3.9	3.9	.2
Special trade contractors .....	17	18.1	5.7	5.3	5.3	.4	5.6	5.2	5.2	.4
Plumbing, heating, air-conditioning .....	171	3.3	4.8	4.3	4.3	.4	4.8	4.3	4.3	.4
Electrical work .....	173	7.0	6.1	5.5	5.5	.7	6.0	5.3	5.3	.7
Manufacturing .....		161.6	5.9	4.3	4.2	1.6	4.5	3.5	3.4	1.0
Durable goods .....		61.2	5.8	4.3	4.2	1.5	4.3	3.5	3.5	.8
Lumber and wood products .....	24	1.3	10.9	10.5	10.5	.4	10.3	9.9	9.9	.4
Furniture and fixtures .....	25	2.2	5.2	5.1	5.1	.1	5.1	5.0	5.0	.1
Household furniture .....	251	1.8	5.1	5.1	5.1	.1	5.1	5.0	5.0	.1
Concrete, gypsum, and plaster products .....	327	3.0	8.6	7.6	7.6	.9	8.3	7.4	7.4	.9
Ready-mixed concrete .....	3273	1.4	10.1	8.2	8.2	1.9	10.0	8.1	8.1	1.9
Primary metal industries .....	33	.9	4.1	3.5	3.5	.6	3.5	2.9	2.9	.6
Fabricated metal products .....	34	5.8	7.9	7.0	6.9	.9	7.4	6.5	6.4	.9
Fabricated structural metal products .....	344	3.6	8.5	7.2	7.1	1.3	8.0	6.7	6.6	1.3
Metal doors, sash, and trim .....	3442	1.9	9.5	8.3	8.3	1.2	8.6	7.4	7.4	1.2
Industrial machinery and equipment .....	35	3.2	4.7	3.4	3.4	1.3	4.2	3.0	3.0	1.2
Electronic and other electric equipment .....	36	24.5	5.4	3.6	3.6	1.8	3.4	2.5	2.5	.9
Electric lighting and wiring equipment .....	364	3.0	8.6	4.6	4.4	4.0	5.1	3.2	3.1	1.9
Communications equipment .....	366	6.5	8.4	5.3	5.3	3.1	4.8	3.4	3.4	1.3
Transportation equipment .....	37	1.4	9.7	7.6	7.6	2.2	8.5	6.3	6.3	2.2
Instruments and related products .....	38	15.0	4.2	2.1	1.8	2.1	2.3	1.6	1.6	—
Measuring and controlling devices .....	382	1.3	4.0	3.7	3.7	.3	3.6	3.3	3.3	.3
Surgical appliances and supplies .....	3842	5.0	7.2	2.1	1.4	5.1	2.5	1.3	1.3	1.2
Miscellaneous manufacturing industries .....	39	2.3	4.6	4.1	4.1	—	—	2.7	2.7	—
Nondurable goods .....		100.5	5.9	4.3	4.1	1.7	4.6	3.4	3.3	1.1
Food and kindred products .....	20	20.3	5.5	4.5	4.5	.9	4.8	4.0	4.0	.8
Meat products .....	201	1.9	8.5	8.4	8.4	—	8.0	7.9	7.9	—
Dairy products .....	202	1.6	10.4	8.7	8.7	1.7	9.8	8.2	8.2	1.6
Preserved fruits and vegetables .....	203	1.7	6.5	5.6	5.6	.9	5.8	5.0	5.0	.9
Bakery products .....	205	2.0	6.6	6.3	6.3	—	6.3	6.1	6.1	—
Bread, cake, and related products .....	2051	1.5	6.1	6.1	6.1	( <sup>8</sup> )	5.7	5.7	5.7	( <sup>8</sup> )
Beverages .....	208	3.5	6.3	5.6	5.6	.7	6.3	5.6	5.6	.7
Apparel and other textile products .....	23	25.0	8.7	6.0	5.6	2.7	5.8	4.6	4.5	1.2
Men's and boys' furnishings .....	232	9.9	14.8	8.5	7.5	6.3	9.6	6.8	6.4	2.9
Men's and boys' work clothing .....	2326	3.1	17.0	13.0	13.0	4.0	14.4	10.5	10.5	4.0
Women's and misses' outerwear .....	233	2.8	6.3	5.8	5.8	—	5.2	4.8	4.8	—
Women's, junior's, and misses' dresses .....	2335	1.2	5.3	5.3	5.3	( <sup>8</sup> )	—	4.6	4.6	( <sup>8</sup> )
Women's and children's undergarments .....	234	7.3	3.9	2.9	2.9	—	—	1.3	1.3	—
Bras, girdles, and allied garments .....	2342	5.6	3.2	1.9	1.9	—	—	.7	.7	—
Girls' and children's outerwear .....	236	.8	4.9	4.7	4.7	.2	3.4	3.3	3.3	.2
Paper and allied products .....	26	2.6	5.9	5.7	5.7	.2	5.7	5.5	5.5	.2
Paperboard containers and boxes .....	265	1.6	4.2	4.0	4.0	.2	4.0	3.8	3.8	.2
Printing and publishing .....	27	6.1	2.8	2.1	2.1	—	—	2.1	2.1	—
Commercial printing .....	275	2.3	3.9	3.0	3.0	.9	3.8	2.9	2.9	.8
Chemicals and allied products .....	28	29.2	3.0	1.6	1.4	1.4	2.5	1.5	1.2	1.0
Drugs .....	283	24.3	3.1	1.5	1.1	1.6	2.4	1.3	1.0	1.1
Pharmaceutical preparations .....	2834	21.1	3.3	1.6	1.3	1.7	2.7	1.5	1.1	1.2
Soap, cleaners, and toilet goods .....	284	2.7	3.6	2.7	2.7	.8	3.4	2.6	2.6	.8
Toilet preparations .....	2844	2.0	3.9	3.2	3.2	.8	3.7	3.0	3.0	.7

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**

**Puerto Rico**

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>	
Rubber and miscellaneous plastics products .....	30	4.5	9.5	5.9	5.9	3.6	8.8	5.3	5.3	3.5
Miscellaneous plastics products, n.e.c. ....	308	3.5	11.1	6.5	6.5	4.6	10.6	6.1	6.1	4.5
Leather and leather products .....	31	7.5	11.1	9.5	9.5	1.6	7.9	6.6	6.6	1.4
Footwear, except rubber .....	314	4.0	10.9	10.2	10.2	.7	5.5	5.1	5.1	—
Transportation and public utilities <sup>9,10</sup> .....		25.4	3.7	3.4	3.4	.3	3.5	3.2	3.2	.3
Trucking and warehousing <sup>10</sup> .....	42	4.5	2.9	2.7	2.7	.2	2.7	2.4	2.4	.2
Trucking and courier services, except air <sup>10</sup> .....	421	4.1	2.7	2.5	2.5	.2	2.5	2.2	2.2	.2
Water transportation services .....	449	4.1	4.9	1.8	1.8	3.2	4.9	1.8	1.8	3.2
Transportation by air <sup>10</sup> .....	45	5.6	5.2	5.1	5.1	—	5.1	5.0	5.0	—
Air transportation, scheduled <sup>10</sup> .....	451	4.7	4.7	4.6	4.6	—	4.7	4.6	4.6	—
Transportation services <sup>10</sup> .....	47	2.4	1.0	.9	.9	.1	.7	.6	.6	.1
Communications .....	48	4.9	2.2	1.9	1.9	.3	1.9	1.7	1.7	.2
Wholesale and retail trade .....		192.6	3.3	3.0	3.0	.3	3.2	3.0	3.0	.3
Wholesale trade .....		39.8	4.0	3.6	3.6	.4	3.7	3.4	3.4	.3
Wholesale trade--durable goods .....	50	17.2	3.3	3.0	3.0	.3	2.9	2.7	2.7	.1
Hardware, plumbing and heating equipment .....	507	1.8	4.3	4.3	4.3	( <sup>8</sup> )	4.0	4.0	4.0	( <sup>8</sup> )
Drugs, proprietaries, and sundries .....	512	5.5	6.1	4.7	4.7	1.5	6.1	4.6	4.6	1.5
Retail trade .....		152.8	3.1	2.9	2.9	.3	3.1	2.8	2.8	.2
Building materials and garden supplies .....	52	7.5	3.1	2.9	2.9	.2	3.1	2.9	2.9	.2
Hardware stores .....	525	5.0	2.4	2.4	2.4	.1	2.4	2.4	2.4	.1
General merchandise stores .....	53	19.1	4.3	3.3	3.3	1.0	4.2	3.1	3.1	1.0
Food stores .....	54	28.3	6.1	6.0	6.0	.1	6.1	6.0	6.0	.1
Grocery stores .....	541	23.3	7.2	7.2	7.2	( <sup>8</sup> )	7.2	7.2	7.2	( <sup>8</sup> )
Automotive dealers and service stations .....	55	16.0	1.3	1.1	1.1	.2	1.2	1.0	1.0	.2
Auto and home supply stores .....	553	5.4	1.2	1.2	1.2	( <sup>8</sup> )	1.2	1.2	1.2	( <sup>8</sup> )
Gasoline service stations .....	554	5.5	1.5	1.0	1.0	.5	1.3	.9	.9	.5
Furniture and homefurnishings stores .....	57	7.5	.9	.9	.9	( <sup>8</sup> )	.9	.9	.9	( <sup>8</sup> )
Furniture and homefurnishings stores .....	571	4.3	.9	.9	.9	( <sup>8</sup> )	.9	.9	.9	( <sup>8</sup> )
Finance, insurance, and real estate .....		45.7	2.8	2.3	2.3	.4	2.4	2.0	2.0	.4
Depository institutions .....	60	17.5	2.9	2.3	2.3	.6	2.2	1.8	1.8	.5
Services .....		169.6	3.8	3.1	3.0	.7	3.5	2.8	2.8	.7
Personal services .....	72	4.5	3.2	3.1	3.1	.1	2.8	2.8	2.8	( <sup>8</sup> )
Personnel supply services .....	736	17.0	1.3	1.3	1.3	( <sup>8</sup> )	1.3	1.3	1.3	( <sup>8</sup> )
Auto repair, services, and parking .....	75	5.6	1.8	1.7	1.7	.1	1.5	1.4	1.4	.1
Automotive repair shops .....	753	3.1	.9	.8	.8	.1	.9	.8	.8	.1
Miscellaneous repair services .....	76	2.6	3.3	2.3	1.8	1.0	3.3	2.3	1.8	1.0
Health services .....	80	39.7	4.9	3.4	3.4	1.6	4.5	3.0	3.0	1.5
Hospitals .....	806	20.0	6.8	4.5	4.5	2.2	6.3	4.1	4.1	2.2
Legal services .....	81	4.6	.5	.5	.5	( <sup>8</sup> )	.5	.5	.5	( <sup>8</sup> )
Educational services .....	82	18.7	8.1	7.3	7.3	.8	7.3	6.5	6.5	.8
Colleges and universities .....	822	10.8	5.1	3.9	3.9	1.2	4.5	3.4	3.4	1.2
Social services .....	83	8.6	5.7	5.1	5.1	—	5.1	4.6	4.6	—
State and local government .....		286.9	7.8	6.3	6.2	1.5	6.6	5.3	5.3	1.3
State government .....		231.2	7.5	5.9	5.8	1.6	6.5	5.1	5.0	1.4
Services .....		78.6	5.7	4.2	4.2	1.4	4.4	3.2	3.2	1.1
Health services .....	80	16.4	8.7	4.6	4.6	4.0	6.6	3.6	3.6	3.0
Hospitals .....	806	15.8	8.7	4.6	4.6	4.0	6.6	3.6	3.6	3.0
Educational services .....	82	59.6	4.8	4.1	4.1	.6	3.7	3.1	3.1	.6
Elementary and secondary schools .....	821	45.8	4.6	3.9	3.9	.7	3.5	2.9	2.9	.6

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**

**Puerto Rico**

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			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>	
Public administration .....		121.8	7.7	6.0	6.0	1.7	6.8	5.2	5.2	1.6
Justice, public order, and safety .....	92	35.4	8.3	5.8	5.8	2.5	7.8	5.4	5.4	2.4
Courts .....	921	4.2	5.7	3.5	3.5	2.2	4.8	2.9	2.9	1.9
Public order and safety .....	922	31.2	8.5	6.0	6.0	2.5	8.0	5.5	5.5	2.5
Administration of human resources .....	94	47.3	8.0	6.5	6.3	1.4	6.6	5.3	5.2	1.3
Administration of educational programs .....	941	25.2	8.6	7.9	7.9	.7	7.3	6.6	6.6	.6
Environmental quality and housing .....	95	7.9	12.4	11.1	11.1	1.3	10.7	9.6	9.6	1.1
Administration of economic programs .....	96	17.1	5.4	4.4	4.4	.9	4.8	3.9	3.9	.8
Administration of general economic programs .....	961	—	6.8	6.0	6.0	.8	6.7	5.9	5.9	.8
Regulation of agricultural marketing .....	964	4.2	2.9	2.4	2.4	.6	2.5	2.0	2.0	.5
Local government .....		55.7	8.8	7.6	7.6	1.3	7.0	6.0	6.0	1.0
Public administration .....		53.5	8.8	7.6	7.6	1.3	7.0	6.0	6.0	1.0
Executive, legislative, and general .....	91	53.5	8.8	7.6	7.6	1.3	7.0	6.0	6.0	1.0

<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> Incidence rate less than 0.05.

<sup>9</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>10</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.