

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

Florida

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	
Private Industry⁷		5,667.0	5.9	2.7	1.5	3.2	5.7	2.7	1.5	3.0
Agriculture, forestry, and fishing⁷		155.6	8.1	3.8	2.5	4.3	7.5	3.7	2.5	3.8
Agricultural production ⁷	01-02	65.0	9.5	4.5	2.5	5.0	8.6	4.3	2.4	4.4
Agricultural production-crops ⁷	01	58.5	9.6	4.6	2.4	5.0	8.7	4.4	2.3	4.3
Vegetables and melons ⁷	016	16.4	4.7	1.9	1.3	2.8	4.1	1.9	1.3	2.2
Fruits and tree nuts ⁷	017	13.9	12.9	7.7	4.6	5.2	11.9	7.4	4.3	4.5
Horticultural specialties ⁷	018	23.4	11.3	5.0	1.9	6.3	9.9	4.6	1.8	5.3
Agricultural production - livestock ⁷	02	6.5	8.5	3.3	2.8	5.2	8.5	3.3	2.8	5.2
Agricultural services	07	88.5	7.4	3.5	2.6	3.9	7.0	3.4	2.6	3.5
Farm labor and management services	076	24.5	8.2	3.3	2.6	4.9	7.5	3.2	2.6	4.3
Landscape and horticultural services	078	38.5	6.9	4.0	2.9	2.8	6.6	4.0	2.9	2.6
Mining⁸		6.7	3.5	2.1	1.2	1.3	3.4	2.1	1.2	1.3
Nonmetallic minerals, except fuels ⁸	14	6.2	3.6	2.2	1.3	1.4	3.6	2.2	1.3	1.4
Construction		349.5	8.4	4.1	2.9	4.3	8.3	4.1	2.9	4.2
General building contractors	15	76.2	7.3	3.3	2.0	4.0	7.2	3.2	2.0	4.0
Residential building construction	152	49.0	5.6	2.2	1.7	3.4	5.6	2.2	1.7	3.4
Nonresidential building construction	154	25.6	10.9	5.7	2.7	5.1	10.5	5.5	2.6	5.0
Heavy construction, except building	16	44.9	9.6	5.5	4.1	4.1	9.4	5.5	4.0	4.0
Highway and street construction	161	13.0	11.1	6.1	3.3	5.0	11.0	6.1	3.3	4.8
Heavy construction, except highway	162	32.0	9.0	5.3	4.4	3.7	8.8	5.2	4.4	3.6
Special trade contractors	17	228.4	8.5	4.1	3.0	4.4	8.4	4.0	2.9	4.4
Plumbing, heating, air-conditioning	171	49.9	8.8	3.6	2.4	5.2	8.8	3.5	2.4	5.2
Electrical work	173	49.3	9.9	4.2	3.1	5.7	9.8	4.1	3.0	5.7
Masonry, stonework, and plastering	174	31.3	7.5	3.8	2.8	3.7	7.3	3.7	2.8	3.6
Carpentry and floor work	175	14.6	9.0	4.7	4.2	4.3	8.9	4.6	4.1	4.3
Roofing, siding, and sheet metal work	176	17.5	6.8	4.0	2.3	2.9	6.8	4.0	2.3	2.8
Concrete work	177	19.6	7.6	3.9	2.9	3.8	7.6	3.8	2.8	3.7
Miscellaneous special trade contractors	179	32.9	9.4	5.6	4.2	3.9	9.4	5.6	4.2	3.9
Manufacturing		493.6	7.9	4.0	2.0	3.9	7.2	3.7	1.9	3.5
Durable goods		297.6	8.3	4.1	2.0	4.2	7.6	3.8	1.9	3.8
Lumber and wood products	24	22.1	10.2	5.8	3.5	4.4	10.1	5.8	3.5	4.3
Millwork, plywood and structural members	243	11.1	9.3	4.6	3.7	4.7	9.1	4.6	3.7	4.5
Structural wood members, n.e.c.	2439	4.8	8.7	4.4	3.7	4.3	8.7	4.4	3.7	4.3
Furniture and fixtures	25	12.1	10.1	4.7	1.3	5.4	9.6	4.5	1.2	5.1
Stone, clay, and glass products	32	23.8	8.7	4.9	2.5	3.8	8.4	4.7	2.5	3.6
Concrete, gypsum, and plaster products	327	16.3	10.0	5.5	3.3	4.5	9.9	5.5	3.3	4.4
Concrete products, n.e.c.	3272	7.0	14.6	9.0	4.3	5.6	14.3	8.8	4.1	5.4
Ready-mixed concrete	3273	6.4	8.0	4.1	3.7	3.8	7.9	4.1	3.7	3.8
Primary metal industries	33	6.9	10.4	6.0	3.8	4.4	9.8	5.8	3.7	4.0
Fabricated metal products	34	33.1	12.5	6.0	3.4	6.5	12.2	6.0	3.3	6.3
Fabricated structural metal products	344	16.8	13.8	6.8	3.4	7.1	13.7	6.7	3.4	7.0
Metal doors, sash, and trim	3442	4.7	14.4	6.3	2.4	8.1	--	6.3	2.4	8.0
Miscellaneous fabricated metal products	349	5.9	13.6	5.4	3.8	8.2	13.3	5.3	3.7	8.1
Industrial machinery and equipment	35	36.9	10.1	4.4	1.6	5.7	9.4	4.3	1.5	5.1

See footnotes at end of table.

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

Florida

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	
Metalworking machinery	354	4.9	9.8	4.9	2.0	4.9	--	4.9	2.0	4.9
General industrial machinery	356	5.0	7.9	4.6	1.5	3.3	7.7	4.4	1.3	3.3
Refrigeration and service machinery	358	5.9	17.3	6.6	1.5	10.6	14.3	6.2	1.3	8.1
Industrial machinery, n.e.c.	359	5.6	13.4	5.7	2.4	7.7	12.8	5.6	2.4	7.2
Electronic and other electric equipment	36	61.8	5.1	2.4	1.1	2.7	3.9	2.1	1.0	1.9
Communications equipment	366	21.0	2.9	1.1	0.6	--	--	1.0	0.6	1.6
Telephone and telegraph apparatus	3661	6.6	2.5	0.8	0.7	1.7	2.3	0.7	0.7	1.6
Electronic components and accessories	367	22.7	4.0	2.1	1.0	--	--	1.7	0.9	--
Printed circuit boards	3672	5.6	5.9	2.7	1.5	3.2	5.7	2.6	1.4	3.1
Semiconductors and related devices	3674	9.7	2.0	0.6	--	1.3	1.5	--	--	1.1
Miscellaneous electrical equipment and supplies	369	6.3	5.4	3.4	1.5	1.9	4.1	2.5	1.3	1.6
Transportation equipment	37	53.3	9.1	4.1	2.4	5.1	8.6	3.8	2.3	4.8
Aircraft and parts	372	17.4	5.4	2.3	1.3	3.0	4.9	2.1	1.2	2.8
Aircraft engines and engine parts	3724	9.2	3.6	1.6	0.6	2.0	3.5	1.6	0.6	2.0
Ship and boat building and repairing	373	16.3	16.5	7.4	4.3	9.1	15.9	7.0	4.1	8.9
Boat building and repairing	3732	13.1	16.0	7.3	4.4	8.7	15.5	6.9	4.2	8.6
Guided missiles and space vehicles	3761	8.7	3.0	1.1	--	1.9	2.2	1.0	--	1.3
Instruments and related products	38	37.7	5.5	3.3	1.1	2.2	3.9	2.2	0.8	--
Electromedical equipment	3845	4.9	4.1	2.2	0.4	1.9	3.1	1.8	0.3	1.3
Miscellaneous manufacturing industries	39	10.0	5.6	2.1	1.4	3.5	5.1	2.0	1.3	3.2
Miscellaneous manufactures	399	4.7	6.0	3.1	2.2	2.9	5.9	3.0	2.2	2.9
Nondurable goods		196.0	7.2	3.9	2.0	3.3	6.6	3.6	1.9	3.1
Food and kindred products	20	41.0	12.0	6.6	2.4	5.4	10.3	5.7	2.2	4.6
Preserved fruits and vegetables	203	10.5	10.0	4.8	1.7	5.2	9.2	4.3	1.6	4.8
Frozen fruits and vegetables	2037	5.5	11.2	6.8	2.4	4.3	10.4	6.3	2.1	4.2
Bakery products	205	5.4	7.3	5.7	2.2	1.6	6.8	5.4	2.0	1.5
Beverages	208	7.0	11.4	7.7	2.2	3.7	11.0	7.4	2.1	3.6
Bottled and canned soft drinks	2086	5.2	11.4	7.5	2.1	4.0	11.3	7.5	2.1	3.8
Miscellaneous food and kindred products	209	5.7	9.0	4.4	1.9	4.6	8.2	3.8	1.8	4.4
Textile mill products	22	4.3	4.5	3.3	3.3	1.2	4.2	3.2	3.2	1.0
Apparel and other textile products	23	22.4	3.1	1.2	0.8	1.9	3.0	1.1	0.7	1.9
Miscellaneous fabricated textile products	239	8.6	2.2	1.2	--	--	--	1.0	--	--
Paper and allied products	26	14.1	8.0	5.1	--	--	7.9	5.0	--	--
Paperboard containers and boxes	265	4.6	12.2	9.6	--	2.5	12.2	9.6	--	2.5
Miscellaneous converted paper products	267	5.2	8.4	4.2	1.4	4.2	8.2	4.1	1.3	4.2
Printing and publishing	27	65.5	5.0	2.8	1.9	2.2	4.7	2.6	1.7	2.1
Newspapers	271	25.3	6.0	3.4	2.3	2.6	5.6	3.2	2.1	--
Commercial printing	275	20.5	4.5	2.0	1.4	2.6	4.2	1.8	1.2	2.4
Commercial printing, lithographic	2752	14.2	3.0	1.8	1.5	1.1	2.7	1.6	1.3	1.0
Chemicals and allied products	28	21.3	5.2	2.4	1.2	2.8	4.9	2.3	1.1	2.6
Agricultural chemicals	287	6.5	5.9	3.3	1.0	2.7	5.7	3.1	1.0	2.5
Phosphatic fertilizers	2874	4.7	6.1	3.4	--	2.7	5.8	3.3	--	2.5
Rubber and miscellaneous plastics products	30	20.7	8.9	4.2	2.3	4.7	8.5	3.9	2.1	4.6
Miscellaneous plastics products, n.e.c.	308	16.8	8.7	3.9	2.2	4.8	8.5	3.7	2.0	4.8
Plastics products, n.e.c.	3089	9.5	8.4	3.0	1.8	5.3	7.9	2.6	1.4	5.3
Transportation and public utilities⁸		328.6	6.1	3.5	2.5	2.6	5.9	3.4	2.4	2.5
Railroad transportation ⁸	40	--	2.1	1.6	1.5	0.6	2.1	1.5	1.5	0.5

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Local and interurban passenger transit	41	16.1	8.8	5.1	3.8	3.7	8.3	5.1	3.8	3.3
Trucking and warehousing	42	63.3	6.1	3.8	2.6	2.3	6.1	3.8	2.6	2.2
Trucking and courier services, except air	421	56.4	6.0	3.8	2.8	2.2	6.0	3.8	2.8	2.2
Water transportation	44	22.9	5.8	2.9	2.3	2.9	5.6	2.8	2.3	2.8
Water transportation services	449	12.7	7.9	4.3	3.5	3.7	7.9	4.2	3.4	3.6
Transportation by air	45	74.8	12.3	7.3	5.5	4.9	11.7	6.9	5.2	4.8
Air transportation, scheduled	451	56.3	14.2	8.9	7.2	5.3	13.4	8.4	6.7	5.1
Airports, flying fields, and services	458	14.4	7.5	3.6	1.4	4.0	7.5	3.6	1.4	4.0
Freight transportation arrangement	473	13.1	5.4	2.4	1.2	2.9	5.4	2.4	1.2	2.9
Communications	48	83.1	2.4	1.4	0.9	--	2.2	1.3	0.9	--
Telephone communications	481	56.5	1.5	0.8	0.5	0.6	1.2	0.7	0.4	0.5
Cable and other pay television services	484	11.9	4.6	3.5	1.7	1.1	4.6	3.5	1.7	1.1
Electric, gas, and sanitary services	49	34.2	6.2	3.0	1.6	3.3	6.0	2.9	1.6	3.1
Electric services	491	23.1	4.3	1.5	1.0	2.7	4.2	1.5	1.0	2.6
Sanitary services	495	7.1	12.6	7.5	3.3	5.2	12.3	7.3	3.2	5.0
Wholesale and retail trade		1,683.4	6.2	2.9	1.7	3.3	6.1	2.8	1.7	3.3
Wholesale trade		358.9	5.3	2.7	1.6	2.6	5.3	2.7	1.6	2.6
Wholesale trade--durable goods	50	215.1	4.8	2.4	1.4	2.4	4.7	2.3	1.4	2.4
Motor vehicles, parts, and supplies	501	27.7	7.7	4.2	2.5	3.5	7.7	4.2	2.5	3.5
Lumber and construction materials	503	14.5	9.3	6.2	2.2	3.1	8.9	5.8	1.9	3.1
Electrical goods	506	33.7	2.7	1.5	1.1	1.2	2.7	1.4	1.1	1.2
Hardware, plumbing and heating equipment	507	15.6	5.9	2.3	1.4	3.6	5.8	2.2	1.4	3.6
Machinery, equipment, and supplies	508	37.0	5.9	2.2	1.4	3.7	5.9	2.2	1.4	3.7
Miscellaneous durable goods	509	20.8	4.3	2.3	1.8	2.0	4.3	2.3	1.8	2.0
Wholesale trade--nondurable goods	51	143.8	6.2	3.3	1.9	2.9	6.1	3.3	1.9	2.9
Paper and paper products	511	18.1	5.6	3.4	--	2.1	5.5	3.4	--	2.1
Drugs, proprietaries, and sundries	512	13.8	2.8	2.1	1.4	0.7	--	--	1.4	0.7
Groceries and related products	514	48.9	7.5	4.1	2.4	3.5	7.5	4.1	2.4	3.4
Chemicals and allied products	516	7.3	4.8	3.3	1.2	1.5	4.6	3.3	1.2	1.3
Petroleum and petroleum products	517	6.5	3.0	1.6	0.4	1.5	3.0	1.6	0.4	1.5
Beer, wine, and distilled beverages	518	10.5	12.2	6.0	2.6	6.2	12.1	5.9	2.6	6.2
Miscellaneous nondurable goods	519	28.3	5.2	2.4	1.3	2.8	5.0	2.3	1.3	2.7
Retail trade		1,324.4	6.5	2.9	1.7	3.6	6.4	2.9	1.7	3.5
Building materials and garden supplies	52	53.0	6.4	3.1	1.6	3.3	6.4	3.1	1.6	3.3
Lumber and other building materials	521	36.4	7.2	3.9	2.0	3.2	7.1	3.9	2.0	3.2
Hardware stores	525	5.8	7.9	2.6	1.8	5.3	7.9	2.6	1.8	5.3
General merchandise stores	53	151.7	7.2	3.6	1.9	3.6	7.2	3.6	1.8	3.6
Department stores	531	136.8	6.9	3.8	1.9	3.0	6.8	3.8	1.9	3.0
Miscellaneous general merchandise stores	539	9.7	11.0	2.7	1.7	8.3	11.0	2.7	1.7	8.3
Food stores	54	252.3	7.2	4.3	2.2	2.8	7.0	4.2	2.2	2.8
Grocery stores	541	229.6	7.8	4.8	2.4	3.0	7.6	4.7	2.4	3.0
Automotive dealers and service stations	55	127.4	6.0	2.5	2.0	3.4	5.9	2.5	2.0	3.4
New and used car dealers	551	65.3	7.6	3.1	2.4	4.6	7.6	3.1	2.4	4.5
Auto and home supply stores	553	21.6	7.3	3.4	2.7	4.0	7.3	3.4	2.7	3.9
Gasoline service stations	554	24.1	2.8	1.5	1.1	1.3	2.8	1.5	1.0	1.3
Apparel and accessory stores	56	71.9	2.7	0.9	0.6	1.8	2.7	0.9	0.6	1.8

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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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Women's clothing stores	562	18.8	1.3	0.4	0.1	1.0	1.3	0.4	0.1	1.0
Family clothing stores	565	21.9	5.4	1.5	0.8	3.9	5.4	1.5	0.8	3.9
Miscellaneous apparel and accessory stores	569	10.1	0.5	(⁹)	(⁹)	0.5	0.5	(⁹)	(⁹)	0.5
Furniture and homefurnishings stores	57	65.7	4.6	1.8	1.0	2.8	4.5	1.7	1.0	2.7
Eating and drinking places	58	445.4	7.8	3.0	1.8	4.8	7.8	3.0	1.8	4.8
Miscellaneous retail	59	157.1	4.3	1.5	1.0	2.9	4.2	1.4	1.0	2.8
Finance, insurance, and real estate		424.0	2.4	0.7	0.5	1.7	2.3	0.7	0.4	1.6
Depository institutions	60	99.6	2.0	0.5	0.4	1.5	1.9	0.4	0.4	1.4
Insurance carriers	63	70.8	1.6	0.6	0.3	1.1	1.3	0.4	0.2	0.9
Insurance agents, brokers, and service	64	48.6	1.8	0.6	0.5	--	--	0.6	0.5	--
Real estate	65	113.0	4.9	1.4	1.0	3.5	4.8	1.4	0.9	3.5
Holding and other investment offices	67	10.2	0.2	(⁹)	(⁹)	0.2	0.2	(⁹)	(⁹)	0.2
Services		2,197.1	5.3	2.3	1.1	3.0	5.0	2.2	1.0	2.8
Hotels and other lodging places	70	150.9	8.0	4.1	1.4	3.9	7.5	4.1	1.4	3.5
Personal services	72	70.6	2.8	1.6	1.2	1.2	2.8	1.6	1.2	1.2
Auto repair, services, and parking	75	70.3	8.5	2.6	1.9	5.9	8.4	2.5	1.9	5.9
Automotive services, except repair	754	11.8	5.7	2.2	1.3	3.4	5.5	2.1	1.3	3.4
Miscellaneous repair services	76	25.4	4.6	2.1	1.6	2.5	4.5	2.0	1.6	2.5
Miscellaneous repair shops	769	13.7	5.9	2.6	1.8	3.3	5.8	2.5	1.8	3.3
Amusement and recreation services	79	144.5	17.2	9.0	--	--	--	--	--	--
Commercial sports	794	13.8	8.0	3.9	2.3	4.1	8.0	3.9	2.3	4.1
Miscellaneous amusement, recreation	799	118.0	19.5	10.5	--	--	--	--	--	--
Health services	80	576.9	6.9	3.0	1.7	3.9	6.5	3.0	1.7	3.5
Hospitals	806	223.3	9.9	3.7	2.0	6.2	9.0	3.6	2.0	5.4
Home health care services	808	38.7	6.9	3.4	2.1	3.5	6.5	3.2	1.9	3.2
Legal services	81	66.7	1.0	0.2	0.2	0.8	0.9	0.1	0.1	0.7
Elementary and secondary schools	821	21.3	3.0	0.3	0.3	2.8	3.0	0.3	0.3	2.8
Colleges and universities	822	22.0	2.8	0.6	0.5	2.2	2.7	0.5	0.4	2.2
Social services	83	119.3	5.7	2.7	1.5	3.1	5.7	2.6	1.5	3.0
Membership organizations	86	53.0	3.3	1.4	0.9	1.8	3.3	1.4	0.9	1.8
Engineering and management services	87	185.1	1.6	0.6	0.4	1.0	1.5	0.5	0.4	0.9

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.