

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996

Texas

Industry ²	SIC code ³	1996 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Private industry ⁷		6,662.8	6.3	3.1	2.0	3.2	6.0	2.9	1.9	3.1
Agriculture, forestry, and fishing ⁷		107.5	6.6	2.9	2.4	3.7	6.4	2.9	2.3	3.5
Agricultural production-crops ⁷	01	28.2	5.5	3.7	3.3	1.8	5.4	3.6	3.2	1.8
Agricultural services	07	57.5	5.9	2.4	1.9	3.6	5.7	2.3	1.8	3.4
Crop services	072	8.0	4.5	2.5	2.3	2.0	4.5	2.5	2.3	2.0
Landscape and horticultural services	078	27.7	8.0	3.1	2.3	4.9	7.5	2.9	2.1	4.7
Mining ⁸		156.9	4.4	2.4	1.3	1.9	4.3	2.4	1.3	1.9
Oil and gas extraction	13	148.6	4.4	2.5	1.3	2.0	4.3	2.4	1.3	1.9
Crude petroleum and natural gas	131	72.4	1.1	.4	.4	.6	1.0	.4	.4	.6
Oil and gas field services	138	72.3	7.7	4.4	2.1	3.3	7.6	4.3	2.1	3.2
Construction		435.4	7.0	3.4	2.3	3.6	6.8	3.3	2.3	3.5
General building contractors	15	77.8	4.9	2.5	1.3	2.4	4.6	2.5	1.3	2.1
Heavy construction, except building	16	110.8	5.4	2.7	1.5	2.7	5.3	2.6	1.5	2.7
Special trade contractors	17	246.8	8.5	4.1	3.1	4.4	8.3	4.0	3.0	4.3
Manufacturing		1,055.4	8.8	4.3	2.1	4.5	7.9	3.8	1.9	4.0
Durable goods		616.8	8.9	4.1	2.3	4.8	8.3	3.8	2.1	4.5
Lumber and wood products	24	42.8	14.5	6.7	3.9	7.8	14.3	6.6	3.8	7.7
Millwork, plywood and structural members	243	19.7	10.1	5.3	2.1	4.8	9.6	5.0	1.9	4.6
Furniture and fixtures	25	18.4	13.1	5.6	3.0	7.5	12.4	5.1	2.6	7.3
Household furniture	251	7.1	8.6	5.6	3.0	3.1	8.2	5.2	2.8	3.0
Stone, clay, and glass products	32	39.8	9.1	5.5	3.4	3.6	8.8	5.3	3.2	3.5
Concrete, gypsum, and plaster products	327	18.2	9.9	6.4	4.9	3.6	9.7	6.2	4.7	3.5
Miscellaneous nonmetallic mineral products	329	6.6	7.9	3.7	2.1	4.1	7.3	3.4	2.0	3.9
Primary metal industries	33	29.8	13.6	6.4	3.3	7.2	12.9	6.1	3.2	6.8
Fabricated metal products	34	94.9	11.8	5.3	3.0	6.4	11.4	5.2	2.9	6.2
Fabricated structural metal products	344	48.1	12.5	5.4	3.2	7.2	12.1	5.2	3.1	6.9
Metal services, n.e.c.	347	6.4	9.1	4.0	3.1	5.1	9.0	4.0	3.1	5.0
Miscellaneous fabricated metal products	349	20.2	11.7	5.3	2.3	6.4	11.3	5.0	2.3	6.2
Industrial machinery and equipment	35	135.3	8.5	3.4	2.1	5.1	8.1	3.2	2.0	4.9
Construction and related machinery	353	35.3	9.2	3.6	2.2	5.6	8.9	3.5	2.2	5.4
Oil and gas field machinery	3533	26.0	7.9	3.2	2.1	4.7	7.8	3.2	2.1	4.6
Metalworking machinery	354	5.6	6.2	1.5	.7	4.7	6.0	1.5	.7	4.5
General industrial machinery	356	10.3	11.0	5.7	3.4	5.3	10.6	5.5	3.1	5.1
Computer and office equipment	357	33.2	2.4	1.1	.6	1.2	1.7	.9	.5	.9
Electronic computers	3571	29.6	2.4	1.2	.6	1.2	1.8	.9	.5	.8
Refrigeration and service machinery	358	18.9	13.1	5.7	3.9	7.3	12.4	5.2	3.5	7.2
Electronic and other electric equipment	36	119.4	4.1	1.9	1.0	2.1	3.4	1.6	.8	1.8
Communications equipment	366	28.1	3.1	1.5	.8	1.6	2.5	1.2	.6	1.3
Telephone and telegraph apparatus	3661	16.5	1.8	.8	.5	1.0	1.3	.7	.4	.7
Electronic components and accessories	367	67.8	2.8	1.4	.7	1.4	2.1	1.1	.6	1.0
Semiconductors and related devices	3674	46.5	2.2	1.2	.5	-	-	.9	.4	.7
Miscellaneous electrical equipment and supplies	369	6.7	6.2	1.9	1.2	4.3	5.3	1.4	.9	3.9
Transportation equipment	37	75.0	8.9	4.7	2.1	4.2	7.8	4.2	1.8	3.6
Motor vehicles and equipment	371	16.9	13.8	6.2	3.9	7.6	13.0	5.8	3.6	7.2
Motor vehicles and car bodies	3711	6.0	17.9	10.9	6.8	7.0	15.7	9.8	6.1	5.9
Aircraft and parts	372	42.4	6.5	3.5	1.6	3.0	5.1	2.9	1.2	2.2
Aircraft	3721	27.6	5.8	2.7	1.3	3.1	4.4	2.2	1.1	2.2
Instruments and related products	38	42.5	5.3	2.3	1.2	3.0	4.2	1.7	1.0	2.5
Search and navigation equipment	381	10.8	4.8	2.3	1.2	2.5	3.4	1.8	1.0	1.6
Measuring and controlling devices	382	13.7	5.2	1.5	1.0	3.7	5.1	1.5	1.0	3.6
Miscellaneous manufacturing industries	39	18.9	8.8	4.2	2.4	4.6	7.8	3.6	2.0	4.2

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued

Texas

Industry ²	SIC code ³	1996 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Nondurable goods		438.7	8.7	4.5	1.8	4.2	7.3	3.8	1.6	3.5
Food and kindred products	20	99.4	17.0	9.1	3.2	7.9	13.2	7.2	2.9	6.0
Meat products	201	32.8	30.3	16.8	4.0	13.4	20.0	11.8	3.2	8.1
Sausages and other prepared meats	2013	7.8	19.7	12.4	5.4	7.3	15.8	10.6	4.2	5.2
Poultry slaughtering and processing	2015	11.0	35.4	12.3	3.0	23.1	18.5	6.7	2.1	11.8
Bakery products	205	10.0	9.1	4.6	2.1	4.5	8.8	4.4	2.1	4.4
Apparel and other textile products	23	60.6	9.3	3.8	1.7	5.5	6.9	2.8	1.2	4.1
Men's and boys' furnishings	232	27.5	9.8	4.5	1.5	5.3	6.7	3.2	1.0	3.5
Miscellaneous fabricated textile products	239	12.1	7.7	3.1	2.2	4.6	6.5	2.3	1.5	4.3
Paper and allied products	26	29.6	7.6	4.5	1.5	3.1	6.9	4.2	1.3	2.7
Paperboard containers and boxes	265	10.9	8.4	3.5	1.7	4.9	7.6	3.3	1.6	4.4
Printing and publishing	27	74.7	4.4	2.0	1.2	2.4	4.1	1.9	1.0	2.3
Newspapers	271	21.6	5.3	2.2	1.7	3.1	4.7	1.9	1.4	2.7
Commercial printing	275	31.4	4.3	2.3	1.0	2.0	4.1	2.1	.9	2.0
Plastics materials and synthetics	282	11.8	3.9	2.4	1.2	1.5	3.4	2.3	1.2	1.1
Drugs	283	6.1	4.6	2.5	1.2	2.1	3.4	1.6	1.0	1.8
Industrial organic chemicals	286	38.5	1.5	.7	.2	.7	1.1	.6	.1	.5
Petroleum and coal products	29	27.6	3.1	1.8	.6	1.3	3.0	1.7	.6	1.2
Petroleum refining	291	24.3	2.5	1.4	.4	1.2	2.4	1.3	.4	1.1
Rubber and miscellaneous plastics products	30	51.8	9.6	5.3	2.5	4.3	9.2	5.0	2.4	4.2
Leather and leather products	31	7.7	7.3	3.3	1.4	4.0	5.7	2.2	1.0	3.5
Transportation and public utilities ^{8,9}		472.9	8.2	5.1	4.1	3.1	7.8	5.0	3.9	2.9
Railroad transportation ⁸	40	—	3.5	2.7	2.1	.9	3.5	2.6	2.1	.8
Local and interurban passenger transit	41	18.2	12.0	6.6	4.6	5.4	11.8	6.5	4.5	5.3
Trucking and warehousing ⁹	42	116.3	9.3	5.8	5.1	3.5	9.2	5.7	5.0	3.5
Transportation by air ⁹	45	102.3	17.6	12.0	9.5	5.6	16.8	11.7	9.2	5.1
Transportation services ⁹	47	34.0	2.8	1.7	1.3	1.1	2.7	1.6	1.2	1.0
Passenger transportation arrangement	472	12.3	.1	(¹⁰)	(¹⁰)	(¹⁰)	.1	(¹⁰)	(¹⁰)	(¹⁰)
Freight transportation arrangement ⁹	473	16.5	3.7	2.5	2.1	1.3	3.7	2.4	2.1	1.3
Communications	48	110.0	3.0	1.5	1.3	1.5	2.6	1.2	1.0	1.3
Telephone communications	481	80.8	2.6	1.4	1.3	1.2	2.0	—	—	.9
Radio and television broadcasting	483	16.6	1.3	.3	(¹⁰)	1.0	1.3	.3	(¹⁰)	1.0
Cable and other pay television services	484	11.3	8.7	3.6	3.2	5.1	8.4	3.6	3.2	4.9
Electric, gas, and sanitary services	49	72.1	5.3	3.1	1.7	2.2	5.0	3.0	1.6	2.0
Sanitary services	495	11.8	12.2	7.9	4.7	4.3	11.8	7.8	4.7	4.0
Wholesale and retail trade		1,986.0	6.4	2.9	1.8	3.5	6.3	2.8	1.7	3.5
Wholesale trade		476.0	6.8	3.5	1.9	3.3	6.7	3.4	1.8	3.2
Wholesale trade--durable goods	50	296.5	6.3	3.0	1.6	3.3	6.2	2.9	1.5	3.3
Motor vehicles, parts, and supplies	501	31.5	6.5	3.2	2.2	3.3	6.4	3.2	2.2	3.2
Furniture and home furnishings	502	11.8	5.2	2.2	1.2	3.0	5.2	2.2	1.2	3.0
Lumber and construction materials	503	18.3	7.8	3.1	1.8	4.7	7.5	3.1	1.8	4.4
Professional and commercial equipment	504	62.0	1.8	.8	.5	.9	1.6	.7	.4	.9
Electrical goods	506	42.5	2.9	1.4	.8	1.5	2.8	1.4	.7	1.4
Hardware, plumbing and heating equipment	507	22.3	9.8	3.7	2.3	—	9.8	3.7	2.3	—
Machinery, equipment, and supplies	508	72.8	8.3	3.9	1.3	4.4	8.3	3.9	1.2	4.4
Wholesale trade--nondurable goods	51	179.5	7.7	4.4	2.4	3.3	7.5	4.3	2.3	3.2
Groceries and related products	514	63.7	10.6	6.0	3.1	4.7	10.6	5.9	3.0	4.6
Chemicals and allied products	516	14.4	4.7	1.8	1.1	2.9	4.6	1.8	1.1	2.9
Beer, wine, and distilled beverages	518	12.3	12.4	7.9	4.5	4.4	11.9	7.5	4.1	4.4

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued

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			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Retail trade		1,510.0	6.2	2.6	1.8	3.6	6.1	2.5	1.7	3.6
Building materials and garden supplies	52	54.7	5.4	3.1	2.0	2.3	5.4	3.0	2.0	2.3
Lumber and other building materials	521	30.4	6.0	3.8	2.8	2.2	6.0	3.8	2.7	2.2
Retail nurseries and garden stores	526	6.2	7.5	3.1	1.3	4.4	7.5	3.1	1.3	4.4
General merchandise stores	53	205.6	11.5	5.9	3.4	5.6	11.3	5.8	3.3	5.5
Department stores	531	183.6	12.0	6.2	3.5	5.8	11.8	6.0	3.3	5.8
Variety stores	533	6.7	6.0	2.8	2.3	3.1	6.0	2.8	2.3	3.1
Miscellaneous general merchandise stores	539	15.3	8.0	4.2	3.3	3.8	8.0	4.2	3.3	3.8
Food stores	54	249.1	7.6	3.5	2.5	4.1	7.3	3.3	2.2	4.0
Grocery stores	541	231.8	8.1	3.7	2.6	4.4	7.8	3.5	2.3	4.3
Automotive dealers and service stations	55	158.8	5.4	1.7	1.5	3.7	5.3	1.6	1.4	3.7
New and used car dealers	551	77.4	7.3	1.8	1.5	5.5	7.3	1.8	1.5	5.5
Auto and home supply stores	553	32.9	5.6	2.1	1.8	3.5	5.6	2.1	1.8	3.5
Gasoline service stations	554	34.4	1.7	.7	.7	.9	1.3	.4	.4	.9
Apparel and accessory stores	56	74.6	3.1	.8	.7	2.3	3.1	.8	.7	2.3
Women's clothing stores	562	16.4	3.3	1.2	1.0	2.1	3.3	1.2	1.0	2.1
Family clothing stores	565	27.0	5.5	1.1	.9	4.3	5.5	1.1	.9	4.3
Shoe stores	566	13.0	2.6	.8	.8	1.8	2.6	.8	.8	1.8
Furniture and home furnishings stores	57	66.7	4.2	1.9	1.3	2.2	4.1	1.9	1.3	2.2
Furniture and home furnishings stores	571	31.4	5.2	1.9	1.3	3.3	5.2	1.9	1.3	3.3
Radio, television, and computer stores	573	32.4	3.5	2.2	1.5	1.4	3.4	2.0	1.4	1.3
Eating and drinking places	58	538.4	5.4	1.7	1.2	3.6	5.3	1.7	1.2	3.6
Miscellaneous retail	59	162.0	4.1	2.2	1.7	1.8	3.8	2.0	1.5	1.8
Drug stores and proprietary stores	591	31.4	2.1	1.4	1.1	.7	2.0	1.3	1.0	.6
Finance, insurance, and real estate		431.3	2.3	.9	.8	1.4	2.1	.8	.7	1.3
Depository institutions	60	115.2	1.3	.5	.4	.8	1.2	.4	.4	.8
Commercial banks	602	87.5	1.3	.5	.5	.8	1.2	.4	.4	.8
Insurance carriers	63	80.9	1.9	.6	.5	1.3	1.5	.5	.4	1.0
Real estate	65	106.0	5.2	2.2	1.7	3.0	5.0	2.1	1.6	2.9
Holding and other investment offices	67	15.9	1.4	.4	.4	1.0	1.3	.4	.4	1.0
Services		2,016.7	5.0	2.4	1.7	2.6	4.8	2.4	1.6	2.5
Hotels and other lodging places	70	86.6	7.7	4.7	2.0	2.9	7.5	4.6	1.9	2.9
Hotels and motels	701	83.9	7.8	4.8	2.0	3.0	7.7	4.7	2.0	2.9
Personal services	72	86.3	4.9	1.7	—	3.1	4.7	1.7	—	3.0
Laundry, cleaning, and garment services	721	37.3	5.1	1.9	1.2	3.1	5.0	1.9	1.1	3.1
Beauty shops	723	25.0	2.6	.6	.5	—	—	.5	.4	—
Services to buildings	734	62.7	4.3	2.5	1.6	1.8	4.3	2.5	1.5	1.8
Computer and data processing services	737	90.4	1.3	.5	.4	.8	1.1	.4	.3	.6
Miscellaneous business services	738	129.0	3.0	1.3	1.0	1.7	2.9	1.2	.9	1.6
Auto repair, services, and parking	75	77.9	5.3	2.7	1.9	2.6	5.3	2.7	1.9	2.6
Automotive rentals, no drivers	751	13.3	8.3	4.1	3.1	4.2	8.1	4.0	3.0	4.1
Automotive repair shops	753	41.4	5.4	2.9	2.1	2.5	5.4	2.9	2.1	2.5
Miscellaneous repair services	76	28.8	3.3	1.8	1.6	1.4	3.2	1.8	1.6	1.4
Motion pictures	78	28.5	4.1	1.3	1.3	2.8	3.9	1.3	1.3	2.6
Amusement and recreation services	79	78.8	7.1	2.5	1.8	4.5	6.8	2.5	1.7	4.3
Health services	80	633.7	7.6	3.7	2.7	3.9	7.4	3.7	2.7	3.7
Nursing and personal care facilities	805	99.6	16.5	7.2	4.6	9.4	16.4	7.1	4.5	9.3
Legal services	81	63.9	1.2	.4	.4	.8	1.0	.4	.3	.6
Educational services	82	53.9	2.8	1.2	.6	1.6	2.5	1.2	.5	1.4
Colleges and universities	822	28.3	3.9	1.7	.7	2.2	3.5	1.6	.7	1.9
Social services	83	111.0	4.9	2.7	1.6	2.3	4.8	2.6	1.5	2.2
Individual and family services	832	25.7	4.2	2.3	1.9	1.8	4.0	2.2	1.8	1.8
Child day care services	835	46.8	2.8	1.5	1.1	1.2	2.6	1.5	1.1	1.1

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued

Texas

Industry ²	SIC code ³	1996 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Membership organizations	86	41.6	2.9	0.8	0.7	2.1	2.5	0.8	0.7	1.7
Engineering and management services	87	194.9	2.4	.8	.6	1.6	2.2	.8	.5	1.4
Engineering and architectural services	871	71.7	1.9	.7	.6	1.2	1.8	.7	.5	1.1
Accounting, auditing, and bookkeeping	872	37.5	.7	.2	.2	.5	.5	.1	.1	.4
Research and testing services	873	30.1	6.7	2.2	1.2	4.5	6.1	2.1	1.1	—

¹ 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).

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 for 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 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.

¹⁰ Incidence rate less than 0.05.

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.