

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2002**

**Texas**

Industry <sup>2</sup>	SIC code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Private Industry<sup>5</sup></b>		4.3	2.4	1.3	1.1	1.9
<b>Agriculture, forestry, and fishing<sup>5</sup></b>		4.0	2.2	1.6	0.7	1.8
Agricultural production <sup>5</sup>	01-02	5.5	2.9	1.8	1.1	2.5
Agricultural production-crops <sup>5</sup>	01	3.7	2.4	1.4	0.9	1.3
Agricultural production - livestock <sup>5</sup>	02	7.3	3.5	2.2	1.3	3.8
Agricultural services	07	3.4	2.0	1.5	0.5	1.5
Landscape and horticultural services	078	2.9	1.8	1.2	0.6	1.1
<b>Mining<sup>6</sup></b>		--	--	--	--	--
Crude petroleum and natural gas	131	0.5	0.2	0.2	( <sup>9</sup> )	0.3
<b>Construction</b>		4.7	2.8	1.7	1.1	1.9
General building contractors	15	4.6	1.9	1.1	0.8	2.7
Residential building construction	152	3.1	1.8	1.3	0.6	1.3
Heavy construction, except building	16	3.2	2.3	1.2	1.1	0.9
Highway and street construction	161	6.7	4.5	2.5	2.0	2.2
Heavy construction, except highway	162	2.4	1.7	0.8	0.9	0.6
Special trade contractors	17	5.4	3.3	2.1	1.1	2.1
Plumbing, heating, air-conditioning	171	6.0	3.2	2.1	1.1	2.8
Electrical work	173	4.3	2.4	1.7	0.7	1.9
Masonry, stonework, and plastering	174	6.2	3.9	2.8	1.1	2.3
<b>Manufacturing</b>		5.9	3.5	1.4	2.1	2.4
Durable goods		6.0	3.4	1.5	2.0	2.5
Lumber and wood products	24	7.6	4.9	1.9	3.0	2.7
Millwork, plywood and structural members	243	8.7	6.0	2.4	3.6	2.7
Furniture and fixtures	25	8.0	4.4	2.2	2.1	3.6
Stone, clay, and glass products	32	7.0	4.5	1.7	2.7	2.5
Primary metal industries	33	7.8	4.9	2.1	2.8	2.9
Fabricated metal products	34	8.8	4.6	2.0	2.6	4.2
Fabricated structural metal products	344	10.0	4.3	2.2	2.2	5.7
Metal services, n.e.c.	347	8.8	5.1	0.8	4.3	3.7
Miscellaneous fabricated metal products	349	8.3	5.6	2.1	3.6	2.7
Industrial machinery and equipment	35	4.7	2.3	1.1	1.2	2.4
Construction and related machinery	353	4.4	2.6	1.2	1.3	1.9
Oil and gas field machinery	3533	4.1	2.4	1.1	1.3	1.7
Metalworking machinery	354	6.3	3.8	--	3.2	2.5
General industrial machinery	356	4.0	1.9	1.3	0.6	2.1
Refrigeration and service machinery	358	7.1	3.9	1.7	2.2	3.2
Industrial machinery, n.e.c.	359	5.9	2.0	1.1	1.0	3.9
Electronic and other electric equipment	36	2.3	1.5	0.6	0.9	--
Electronic components and accessories	367	1.3	0.8	0.5	0.3	0.6
Semiconductors and related devices	3674	0.9	0.5	0.2	0.2	0.4
Transportation equipment	37	7.2	4.3	1.7	2.5	3.0
Motor vehicles and equipment	371	11.3	7.4	2.3	5.2	3.9
Motor vehicles and car bodies	3711	10.1	7.3	1.6	5.7	2.9
Motor vehicle parts and accessories	3714	13.3	7.4	3.0	4.5	5.9

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2002 -- Continued**

**Texas**

Industry <sup>2</sup>	SIC code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Instruments and related products	38	4.2	2.8	1.2	1.6	1.5
Search and navigation equipment	381	0.6	0.2	0.1	0.1	0.4
Measuring and controlling devices	382	5.3	3.3	1.6	1.7	2.0
Medical instruments and supplies	384	4.4	2.9	1.1	1.8	1.4
Miscellaneous manufacturing industries	39	7.0	4.4	1.8	2.6	2.6
<b>Nondurable goods</b>		5.7	3.6	1.4	2.2	2.1
Food and kindred products	20	8.2	5.9	1.7	4.1	2.3
Meat products	201	12.2	8.9	1.4	7.5	3.3
Meat packing plants	2011	16.7	12.9	2.1	10.7	3.9
Sausages and other prepared meats	2013	6.4	5.4	1.2	4.2	1.0
Preserved fruits and vegetables	203	4.5	3.4	1.3	2.1	1.1
Grain mill products	204	6.2	3.9	1.8	2.0	2.4
Bakery products	205	5.1	3.9	1.6	2.3	1.2
Apparel and other textile products	23	6.7	4.3	2.0	2.3	2.4
Men's and boys' furnishings	232	10.4	6.7	3.7	3.0	3.7
Miscellaneous fabricated textile products	239	2.3	1.3	0.9	0.4	1.0
Paper and allied products	26	6.0	3.8	2.4	1.4	2.2
Paperboard containers and boxes	265	6.1	3.9	2.6	1.2	2.2
Printing and publishing	27	3.6	2.3	1.0	1.3	1.4
Newspapers	271	3.6	2.3	1.0	1.4	1.3
Commercial printing	275	3.0	1.8	0.6	1.1	1.2
Chemicals and allied products	28	2.1	1.2	0.6	0.6	0.9
Plastics materials and synthetics	282	2.4	1.4	1.1	0.3	1.0
Industrial organic chemicals	286	1.4	0.7	0.2	0.4	0.8
Agricultural chemicals	287	3.5	1.6	1.4	--	1.9
Miscellaneous chemical products	289	2.2	1.8	0.7	1.1	0.4
Rubber and miscellaneous plastics products	30	9.6	4.8	2.2	2.6	4.8
Leather and leather products	31	11.5	8.7	1.8	7.0	2.8
<b>Transportation and public utilities<sup>8</sup></b>		5.1	3.6	2.5	1.1	1.5
Railroad transportation <sup>8</sup>	40	3.2	2.5	2.2	0.4	0.6
Local and interurban passenger transit	41	6.3	5.3	3.7	1.6	1.0
Trucking and warehousing	42	5.6	3.9	2.8	1.1	1.7
Transportation by air	45	10.3	7.6	5.1	2.5	2.7
Transportation services	47	1.8	1.0	0.5	0.5	0.8
Communications	48	2.9	1.8	1.4	0.3	1.1
Telephone communications	481	2.0	1.5	1.3	0.2	0.5
Radio and television broadcasting	483	6.3	1.9	1.1	0.8	--
Cable and other pay television services	484	5.6	3.9	3.3	0.6	1.7
Electric, gas, and sanitary services	49	3.4	2.3	1.2	1.1	1.1
Electric services	491	2.7	1.6	0.8	0.7	1.1
Gas production and distribution	492	1.0	0.8	0.2	0.6	0.2
<b>Wholesale and retail trade</b>		4.6	2.6	1.3	1.3	2.1
Wholesale trade		4.5	3.0	1.3	1.7	1.5
Wholesale trade--durable goods	50	3.8	2.4	1.3	1.1	1.4
Motor vehicles, parts, and supplies	501	4.9	2.9	1.8	1.1	2.1

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2002 -- Continued**

**Texas**

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Furniture and homefurnishings	502	6.7	2.7	2.0	0.7	4.0
Lumber and construction materials	503	7.5	5.2	2.2	3.0	2.3
Professional and commercial equipment	504	1.1	0.8	0.5	0.3	0.3
Electrical goods	506	2.6	1.6	1.0	0.6	1.0
Hardware, plumbing and heating equipment	507	3.4	2.1	1.2	0.9	1.3
Machinery, equipment, and supplies	508	3.6	2.3	1.3	1.0	1.4
Miscellaneous durable goods	509	6.6	4.7	1.8	2.9	1.9
Wholesale trade--nondurable goods	51	5.8	4.0	1.4	2.5	1.8
Paper and paper products	511	4.6	3.5	1.1	2.4	1.1
Groceries and related products	514	8.8	6.6	1.9	4.7	2.2
Chemicals and allied products	516	1.5	1.1	0.5	0.6	0.3
Petroleum and petroleum products	517	2.4	1.2	0.8	0.3	1.2
Beer, wine, and distilled beverages	518	11.4	7.4	3.2	4.2	4.0
<b>Retail trade</b>		4.7	2.4	1.2	1.2	2.3
Building materials and garden supplies	52	7.1	4.8	3.1	1.8	2.2
Lumber and other building materials	521	8.8	6.4	4.0	2.4	2.4
General merchandise stores	53	7.2	4.1	1.9	2.2	3.1
Department stores	531	7.3	4.3	2.0	2.2	3.1
Food stores	54	4.7	2.3	0.7	1.6	2.4
Grocery stores	541	5.0	2.5	0.8	1.7	2.6
Automotive dealers and service stations	55	4.7	3.0	1.7	1.2	1.7
New and used car dealers	551	3.8	2.3	1.0	1.3	1.5
Apparel and accessory stores	56	3.2	1.4	0.8	0.5	1.9
Furniture and homefurnishings stores	57	3.5	2.1	1.0	1.0	1.4
Eating and drinking places	58	4.0	1.6	0.9	0.7	2.4
Miscellaneous retail	59	3.6	1.8	1.0	0.8	1.8
<b>Finance, insurance, and real estate</b>		2.0	0.8	0.5	0.3	1.2
Depository institutions	60	1.7	0.5	0.4	0.1	1.2
Nondepository institutions	61	0.9	0.5	0.5	( <sup>9</sup> )	0.3
Security and commodity brokers	62	0.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	0.1
Insurance carriers	63	1.7	0.8	0.5	0.3	1.0
Insurance agents, brokers, and service	64	0.9	0.3	0.3	( <sup>9</sup> )	0.6
Real estate	65	4.4	2.0	1.0	1.0	2.5
<b>Services</b>		3.6	1.6	1.0	0.6	1.9
Hotels and other lodging places	70	4.7	3.1	1.4	1.7	1.7
Hotels and motels	701	4.9	3.2	1.5	1.7	1.7
Personal services	72	2.0	1.4	0.7	0.6	0.7
Laundry, cleaning, and garment services	721	3.8	2.6	1.3	1.3	1.2
Services to buildings	734	4.3	2.5	1.9	0.6	1.8
Computer and data processing services	737	0.7	0.3	0.3	( <sup>9</sup> )	0.4
Miscellaneous business services	738	3.9	1.3	0.9	--	--
Auto repair, services, and parking	75	4.7	2.3	1.5	0.8	2.4
Automotive rentals, no drivers	751	10.2	4.0	2.2	1.8	--
Automotive repair shops	753	2.9	1.1	0.9	0.3	1.8
Miscellaneous repair services	76	3.6	2.1	1.4	0.7	1.6

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**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2002 -- Continued**

**Texas**

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Amusement and recreation services	79	4.1	2.1	1.3	0.8	2.0
Health services	80	5.8	2.5	1.5	1.0	3.3
Nursing and personal care facilities	805	9.4	6.0	3.3	2.7	3.4
Hospitals	806	9.5	3.3	2.1	1.2	6.1
Home health care services	808	1.6	0.8	0.6	0.2	0.8
Legal services	81	0.4	0.1	0.1	( <sup>9</sup> )	0.2
Educational services	82	3.0	1.6	0.8	0.8	1.4
Colleges and universities	822	5.8	2.9	1.2	1.7	2.9
Social services	83	4.3	2.3	1.5	0.8	2.0
Membership organizations	86	3.1	1.3	0.5	0.8	1.8
Engineering and management services	87	1.4	0.7	0.5	0.2	0.7

<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>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Days-away-from-work cases include those which result in days away from work with or without job transfer or restriction.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for Mining (Division B in the Standard Industrial Classification Manual, 1987 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1,

2002; therefore estimates for these industries are not comparable with estimates for other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable with estimates for other industries.

<sup>8</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable with estimates for other industries.

<sup>9</sup> 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.