

TABLE 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1997

Texas

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>Private industry<sup>7</sup></b> .....		6,998.2	5.6	2.9	1.9	2.7	5.2	2.7	1.8	2.5
<b>Agriculture, forestry, and fishing<sup>7</sup></b> .....		110.3	5.4	3.1	2.3	2.3	5.2	3.1	2.3	2.1
Agricultural production <sup>7</sup> .....	01-02	49.4	7.5	4.5	3.3	3.0	7.3	4.5	3.2	2.8
Agricultural production—crops <sup>7</sup> .....	01	28.2	7.2	4.3	3.1	2.9	6.9	4.3	3.0	2.6
Agricultural services .....	07	59.6	4.5	2.5	1.9	2.0	4.3	2.5	1.9	1.8
Crop services .....	072	8.7	8.1	5.6	5.3	2.5	8.1	5.6	5.3	2.5
Landscape and horticultural services .....	078	29.6	3.3	2.2	1.3	1.2	3.0	2.1	1.2	.9
<b>Mining<sup>8</sup></b> .....		166.4	5.4	3.1	2.3	2.3	5.3	3.0	2.3	2.3
Oil and gas extraction .....	13	157.9	5.5	3.1	2.4	2.4	5.4	3.1	2.4	2.4
Crude petroleum and natural gas .....	131	72.4	1.1	.6	.5	.5	1.0	.6	.5	.5
Oil and gas field services .....	138	81.6	9.0	5.1	3.9	3.9	8.9	5.1	3.9	3.9
<b>Construction</b> .....		460.4	5.3	3.0	2.6	2.3	5.2	3.0	2.5	2.3
General building contractors .....	15	84.1	3.5	2.0	1.6	1.5	3.5	2.0	1.5	1.5
Heavy construction, except building .....	16	111.5	4.1	2.2	1.8	1.9	4.0	2.2	1.8	1.8
Special trade contractors .....	17	264.8	6.4	3.7	3.2	2.7	6.3	3.6	3.2	2.7
<b>Manufacturing</b> .....		1,082.2	8.5	4.4	2.0	4.1	7.4	3.8	1.8	3.6
Durable goods .....		643.3	8.2	4.0	2.0	4.2	7.5	3.6	1.8	3.8
Lumber and wood products .....	24	44.9	9.0	4.2	2.3	4.9	8.8	4.0	2.2	4.8
Millwork, plywood and structural members .....	243	20.7	8.5	4.0	2.0	4.5	8.3	3.9	2.0	4.5
Furniture and fixtures .....	25	19.2	13.2	5.8	3.4	7.4	12.7	5.5	3.2	7.1
Household furniture .....	251	7.1	15.7	6.4	2.8	9.3	15.5	6.2	2.8	9.3
Stone, clay, and glass products .....	32	41.3	9.6	4.3	2.2	5.3	9.0	4.1	2.1	4.9
Concrete, gypsum, and plaster products .....	327	19.0	10.5	4.3	2.5	6.2	9.9	4.2	2.3	5.7
Miscellaneous nonmetallic mineral products .....	329	6.7	3.9	2.4	.7	1.6	3.6	2.3	.7	1.3
Primary metal industries .....	33	30.6	17.0	8.7	3.4	8.3	15.8	8.0	3.1	7.7
Fabricated metal products .....	34	99.4	9.6	5.3	2.9	4.3	9.1	5.0	2.8	4.1
Fabricated structural metal products .....	344	50.8	8.5	4.8	3.4	3.8	8.2	4.5	3.1	3.7
Metal services, n.e.c. ....	347	6.9	12.3	5.2	2.9	7.1	11.9	5.1	2.9	6.9
Miscellaneous fabricated metal products .....	349	21.9	10.1	5.9	2.6	4.2	9.8	5.7	2.5	4.1
Industrial machinery and equipment .....	35	143.1	8.5	4.0	1.8	4.5	8.0	3.7	1.6	4.4
Construction and related machinery .....	353	39.7	10.4	4.4	2.5	6.0	10.1	4.2	2.3	5.9
Oil and gas field machinery .....	3533	30.0	9.4	4.8	2.5	4.6	9.2	4.6	2.4	4.6
General industrial machinery .....	356	10.9	8.4	4.6	2.7	3.8	8.0	4.4	2.5	3.6
Computer and office equipment .....	357	35.1	2.6	1.4	.6	1.2	2.1	1.1	.5	1.0
Electronic computers .....	3571	31.2	2.5	1.3	.4	1.1	1.8	1.0	.3	.9
Refrigeration and service machinery .....	358	18.6	14.7	9.4	2.9	5.3	13.5	8.3	2.3	5.1
Industrial machinery, n.e.c. ....	359	22.6	6.9	3.0	1.4	4.0	6.8	3.0	1.4	3.8
Electronic and other electric equipment .....	36	126.0	3.9	1.9	1.1	2.0	3.2	1.5	.9	1.7
Communications equipment .....	366	31.2	1.9	1.4	.8	—	—	1.1	.5	—
Telephone and telegraph apparatus .....	3661	18.6	1.4	.7	.5	.6	1.0	.6	.4	.4
Electronic components and accessories .....	367	70.2	3.0	1.4	.9	1.7	2.4	1.1	.7	1.3
Miscellaneous electrical equipment and supplies .....	369	6.1	7.6	5.2	3.1	2.4	5.5	3.7	2.2	1.8

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, 1997— Continued

Texas

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>	
Transportation equipment .....	37	78.1	8.7	4.5	2.3	4.3	7.8	4.0	2.0	3.7
Motor vehicles and equipment .....	371	17.3	12.0	5.8	3.6	6.2	11.1	5.4	3.2	5.8
Motor vehicles and car bodies .....	3711	5.8	13.8	8.0	4.5	5.8	12.2	7.1	4.0	5.1
Motor vehicle parts and accessories .....	3714	6.8	9.2	2.6	2.2	6.6	8.8	2.4	2.0	6.4
Aircraft and parts .....	372	43.6	7.1	3.8	1.8	3.3	5.8	3.2	1.6	2.6
Aircraft .....	3721	27.2	5.9	3.0	1.4	—	4.5	2.6	1.2	—
Instruments and related products .....	38	41.0	4.4	2.1	1.2	2.2	2.8	1.4	.8	1.4
Measuring and controlling devices .....	382	13.9	3.3	1.5	.9	1.8	2.9	1.4	.8	1.5
Medical instruments and supplies .....	384	13.9	7.6	4.5	2.7	3.0	4.0	2.4	1.4	1.6
Miscellaneous manufacturing industries .....	39	19.6	5.7	1.9	1.0	3.8	4.7	1.6	.8	3.2
Nondurable goods .....		438.9	9.0	4.9	2.0	4.0	7.2	4.0	1.8	3.2
Food and kindred products .....	20	99.6	16.9	9.9	3.4	7.0	12.7	7.6	3.1	5.1
Meat products .....	201	33.7	30.1	16.7	3.4	13.4	18.9	10.3	2.8	8.5
Meat packing plants .....	2011	14.3	38.6	23.8	4.2	14.8	23.1	14.0	3.7	9.1
Sausages and other prepared meats .....	2013	7.6	16.2	11.0	4.8	5.2	12.7	9.2	4.0	3.4
Poultry slaughtering and processing .....	2015	11.7	27.9	11.0	1.5	16.9	17.3	6.3	1.0	11.0
Preserved fruits and vegetables .....	203	9.6	9.1	5.5	2.2	3.6	8.6	5.2	2.1	3.4
Grain mill products .....	204	6.9	7.6	4.3	2.0	3.3	7.5	4.2	1.9	3.3
Apparel and other textile products .....	23	58.1	8.8	4.1	1.9	4.7	6.3	3.1	1.4	3.2
Men's and boys' furnishings .....	232	25.9	9.6	4.3	1.6	5.2	6.4	3.1	1.1	3.3
Paper and allied products .....	26	29.8	7.9	4.7	2.3	3.2	7.5	4.4	2.1	3.0
Printing and publishing .....	27	75.3	4.5	2.3	1.4	2.2	4.2	2.1	1.2	2.1
Newspapers .....	271	21.7	3.7	1.4	1.0	2.3	3.2	1.2	.9	2.0
Commercial printing .....	275	32.4	5.6	3.1	1.6	2.5	5.3	2.9	1.5	2.4
Chemicals and allied products .....	28	84.8	3.6	2.1	.7	1.6	3.0	1.8	.6	1.2
Industrial inorganic chemicals .....	281	6.8	8.3	4.0	1.0	4.3	6.0	3.7	1.0	2.3
Plastics materials and synthetics .....	282	12.1	4.4	2.8	1.3	1.6	4.0	2.7	1.2	1.2
Drugs .....	283	7.2	4.7	2.7	.9	1.9	3.6	1.8	.6	1.7
Industrial organic chemicals .....	286	37.5	1.9	1.0	.4	.9	1.6	.9	.4	.7
Miscellaneous chemical products .....	289	8.5	5.1	3.0	.5	2.0	4.2	2.3	.4	1.8
Petroleum and coal products .....	29	26.5	2.3	1.0	.5	1.2	2.1	1.0	.4	1.1
Petroleum refining .....	291	23.0	2.0	.9	.3	1.2	1.9	.8	.3	1.1
Rubber and miscellaneous plastics products .....	30	53.5	12.0	6.4	3.2	5.5	11.3	5.9	2.9	5.3
<b>Transportation and public utilities<sup>8</sup> .....</b>		<b>499.6</b>	<b>7.3</b>	<b>4.4</b>	<b>3.4</b>	<b>2.9</b>	<b>6.9</b>	<b>4.3</b>	<b>3.2</b>	<b>2.6</b>
Local and interurban passenger transit .....	41	20.4	6.4	4.7	2.6	1.7	6.4	4.7	2.5	1.7
Water transportation .....	44	16.5	12.0	7.7	7.0	4.3	12.0	7.7	7.0	4.3
Transportation by air .....	45	105.5	14.6	11.2	8.6	3.4	13.9	10.8	8.2	3.1
Transportation services .....	47	36.0	4.0	1.4	1.0	—	3.6	1.3	.9	2.3
Freight transportation arrangement .....	473	18.0	3.4	2.0	1.4	1.4	3.3	2.0	1.4	1.4
Communications .....	48	122.5	2.5	1.5	1.2	1.0	2.1	1.3	1.1	.8
Telephone communications .....	481	93.4	2.3	1.3	1.1	1.0	1.9	1.1	.9	.8
Cable and other pay television services .....	484	11.0	7.7	5.6	4.8	2.1	7.3	5.6	4.8	1.7

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				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Electric, gas, and sanitary services .....	49	71.2	5.2	2.9	1.8	2.2	4.8	2.8	1.7	2.0
Electric services .....	491	31.2	3.7	1.8	.8	1.8	3.3	1.7	.8	1.6
Sanitary services .....	495	12.5	10.0	5.6	3.7	4.4	9.8	5.5	3.6	4.4
<b>Wholesale and retail trade .....</b>		2,048.1	6.0	3.0	1.9	3.0	5.9	2.9	1.8	3.0
Wholesale trade .....		497.2	5.4	3.0	1.6	2.5	5.3	2.9	1.6	2.4
Wholesale trade—durable goods .....	50	312.3	4.6	2.3	1.4	2.3	4.5	2.2	1.4	2.2
Motor vehicles, parts, and supplies .....	501	32.9	7.1	3.5	2.0	3.5	6.8	3.4	1.9	3.5
Lumber and construction materials .....	503	18.9	8.7	4.4	2.0	4.3	8.6	4.4	1.9	4.3
Professional and commercial equipment .....	504	67.9	2.8	1.3	.7	1.5	2.7	1.3	.7	1.4
Metals and minerals, except petroleum .....	505	13.1	6.6	4.0	2.2	2.6	6.5	4.0	2.2	2.6
Electrical goods .....	506	43.7	2.9	1.5	1.1	1.5	2.8	1.4	1.0	1.5
Hardware, plumbing and heating equipment .....	507	23.2	3.3	1.8	1.3	1.5	3.3	1.8	1.3	1.5
Machinery, equipment, and supplies .....	508	76.6	4.3	1.9	1.3	2.4	4.1	1.9	1.3	2.2
Miscellaneous durable goods .....	509	23.3	6.2	3.5	2.4	2.7	5.8	3.2	2.2	2.6
Wholesale trade—nondurable goods .....	51	184.9	6.9	4.1	2.0	2.8	6.7	4.0	2.0	2.7
Paper and paper products .....	511	15.8	6.7	4.1	2.4	2.6	6.5	4.0	2.4	2.4
Groceries and related products .....	514	64.6	10.2	6.9	2.7	3.4	10.2	6.8	2.7	3.4
Chemicals and allied products .....	516	15.0	5.5	2.9	2.0	2.6	5.1	2.7	1.8	2.5
Petroleum and petroleum products .....	517	16.6	2.6	1.4	.9	1.2	2.6	1.4	.9	1.2
Beer, wine, and distilled beverages .....	518	12.5	14.2	6.6	3.9	7.6	14.1	6.6	3.9	7.5
Retail trade .....		1,551.0	6.3	3.0	2.0	3.3	6.1	2.9	2.0	3.2
Building materials and garden supplies .....	52	57.9	7.4	3.9	1.8	3.5	7.3	3.9	1.8	3.4
Lumber and other building materials .....	521	33.2	8.0	3.9	2.0	4.1	8.0	3.9	2.0	4.1
Hardware stores .....	525	9.6	10.5	7.0	2.0	3.5	10.3	6.8	1.8	3.5
Retail nurseries and garden stores .....	526	6.3	5.4	3.2	1.3	2.2	4.5	3.2	1.3	1.3
General merchandise stores .....	53	203.8	9.2	4.6	2.5	4.6	9.1	4.5	2.4	4.6
Department stores .....	531	182.2	9.6	4.8	2.6	4.8	9.5	4.7	2.6	4.8
Food stores .....	54	248.5	8.6	4.4	2.9	4.2	8.4	4.3	2.8	4.1
Grocery stores .....	541	231.1	9.1	4.7	3.1	4.4	8.9	4.6	3.1	4.3
Automotive dealers and service stations .....	55	163.1	6.4	2.7	1.7	3.6	6.3	2.7	1.7	3.6
New and used car dealers .....	551	77.9	7.2	2.8	1.3	4.4	7.2	2.8	1.3	4.4
Used car dealers .....	552	9.4	2.0	.1	—	2.0	2.0	.1	—	2.0
Auto and home supply stores .....	553	34.1	6.3	3.4	2.9	2.9	6.3	3.4	2.9	2.9
Gasoline service stations .....	554	35.0	5.5	2.8	1.9	2.8	5.5	2.8	1.9	2.8
Women's clothing stores .....	562	15.8	.1	.1	.1	( <sup>9</sup> )	.1	.1	.1	( <sup>9</sup> )
Family clothing stores .....	565	29.4	3.1	1.1	.4	2.0	3.0	1.1	.4	2.0
Furniture and homefurnishings stores .....	57	68.4	5.4	2.9	1.7	2.6	5.3	2.8	1.7	2.6
Furniture and homefurnishings stores .....	571	33.4	7.1	3.6	2.4	3.5	7.0	3.6	2.3	3.5
Radio, television, and computer stores .....	573	32.0	3.6	1.9	.9	1.7	3.6	1.9	.9	1.7
Eating and drinking places .....	58	563.9	4.9	2.2	1.9	2.8	4.8	2.1	1.9	2.7
Miscellaneous retail .....	59	168.6	4.3	2.1	1.4	2.3	4.1	1.9	1.2	2.1
Drug stores and proprietary stores .....	591	33.0	2.5	1.4	1.1	1.1	2.5	1.4	1.1	1.1
Miscellaneous shopping goods stores .....	594	62.8	3.4	1.1	1.0	2.3	3.3	1.1	1.0	2.2
<b>Finance, insurance, and real estate .....</b>		452.2	2.0	.9	.7	1.2	1.8	.8	.6	1.0
Depository institutions .....	60	119.9	1.6	.5	.4	1.2	1.5	.4	.4	1.0
Commercial banks .....	602	91.4	1.8	.5	.5	1.3	1.6	.5	.5	1.2

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, 1997— 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>	
Insurance carriers .....	63	82.3	2.2	0.7	0.5	1.5	1.9	0.6	0.5	1.3
Insurance agents, brokers, and service .....	64	55.6	1.2	.3	.2	-	-	-	-	-
Real estate .....	65	110.0	3.4	2.2	1.7	1.1	3.3	2.2	1.7	1.1
<b>Services</b> .....		2,171.3	3.9	1.9	1.3	2.0	3.7	1.9	1.3	1.9
Hotels and other lodging places .....	70	89.2	5.2	2.0	1.4	3.1	5.0	2.0	1.4	3.1
Hotels and motels .....	701	86.4	5.2	2.0	1.4	3.1	5.1	2.0	1.4	3.1
Personal services .....	72	88.4	2.7	1.5	.9	1.2	2.7	1.5	.9	1.2
Laundry, cleaning, and garment services .....	721	38.4	4.5	2.3	1.2	2.1	4.4	2.3	1.1	2.1
Services to buildings .....	734	67.5	4.6	2.5	1.9	2.2	4.6	2.5	1.9	2.2
Computer and data processing services .....	737	105.1	.6	.2	.2	.3	.5	.2	.2	.3
Auto repair, services, and parking .....	75	81.8	3.8	1.8	1.4	2.0	3.7	1.7	1.4	2.0
Automotive rentals, no drivers .....	751	13.5	5.0	2.4	2.1	2.6	4.7	2.2	2.1	2.6
Automotive repair shops .....	753	43.2	3.5	1.4	1.1	2.1	3.5	1.4	1.1	2.1
Miscellaneous repair services .....	76	30.6	5.2	2.4	1.5	2.7	5.1	2.4	1.5	2.7
Motion pictures .....	78	30.4	3.3	.7	.4	2.6	2.9	.6	.4	2.3
Amusement and recreation services .....	79	84.2	5.0	2.0	1.1	3.0	4.8	2.0	1.1	2.8
Health services .....	80	669.8	5.9	3.0	2.2	2.9	5.5	2.9	2.1	2.6
Nursing and personal care facilities .....	805	100.0	9.0	4.9	2.7	4.1	9.0	4.8	2.6	4.1
Hospitals .....	806	224.5	7.9	4.2	3.2	3.8	7.3	4.1	3.1	3.3
Home health care services .....	808	134.1	7.4	3.8	-	3.6	7.3	3.8	-	-
Legal services .....	81	65.8	.7	.2	.2	.5	.6	.1	.1	.4
Educational services .....	82	57.0	2.3	.9	.6	1.5	2.1	.8	.6	1.3
Elementary and secondary schools .....	821	11.5	2.3	.5	.5	1.7	2.2	.5	.5	1.7
Colleges and universities .....	822	29.1	3.5	1.3	1.0	2.1	3.1	1.3	.9	1.8
Social services .....	83	120.6	4.6	2.7	1.8	2.0	4.5	2.6	1.8	1.9
Individual and family services .....	832	28.1	4.9	3.2	2.3	1.7	4.8	3.2	2.3	1.6
Child day care services .....	835	48.8	2.8	1.4	1.1	1.4	2.8	1.4	1.1	1.4
Membership organizations .....	86	42.5	3.6	.9	.8	2.7	3.5	.9	.8	2.6
Engineering and management services .....	87	212.3	1.7	.7	.5	1.0	1.5	.6	.5	.9
Engineering and architectural services .....	871	77.7	2.2	1.1	.9	1.1	2.0	1.1	-	1.0
Accounting, auditing, and bookkeeping .....	872	41.1	.3	( <sup>9</sup> )	( <sup>9</sup> )	.3	.3	( <sup>9</sup> )	( <sup>9</sup> )	.3
Research and testing services .....	873	31.9	1.5	.7	.4	.8	1.0	.4	.3	.7
Management and public relations .....	874	61.7	2.0	.6	.5	1.4	1.8	.6	.5	1.2

<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> 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.

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