

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2003

Tennessee

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>All industries including State and local government<sup>6</sup></b> .....		2,539.0	5.3	2.8	1.5	1.3	2.6
<b>Private industry<sup>6</sup></b> .....		2,196.3	5.4	2.8	1.4	1.4	2.6
<b>Goods producing<sup>6</sup></b> .....		535.1	6.5	3.6	1.6	2.1	2.9
<b>Natural resources and mining<sup>6,7</sup></b> .....		8.9	2.8	1.5	1.1	0.4	1.3
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	5.7	2.3	0.8	0.5	( <sup>11</sup> )	1.6
Crop production <sup>6</sup> .....	111	2.9	1.3	0.7	( <sup>11</sup> )	( <sup>11</sup> )	0.7
<b>Mining<sup>7</sup></b> .....	21	3.2	3.4	2.4	1.8	0.6	1.0
<b>Construction</b> .....		115.4	5.3	2.9	2.0	0.9	2.4
<b>Construction</b> .....	23	115.4	5.3	2.9	2.0	0.9	2.4
Construction of buildings .....	236	28.3	5.5	2.1	1.6	0.4	3.4
Residential building construction .....	2361	12.5	3.9	2.2	--	0.3	1.7
Nonresidential building construction .....	2362	15.8	6.6	2.0	1.4	0.6	4.7
Heavy and civil engineering construction .....	237	16.2	4.4	2.6	1.8	0.8	--
Utility system construction .....	2371	5.6	5.7	3.2	2.4	0.8	2.5
Highway, street, and bridge construction .....	2373	6.3	5.7	3.5	2.1	1.4	2.2
Specialty trade contractors .....	238	71.0	5.4	3.4	2.3	1.1	2.0
Foundation, structure, and building exterior contractors .....	2381	14.0	5.5	2.7	1.9	0.8	2.8
Roofing contractors .....	23816	3.5	4.1	2.6	2.6	( <sup>11</sup> )	1.5
Building equipment contractors .....	2382	35.3	5.2	3.1	1.9	1.1	2.1
Electrical contractors .....	23821	15.8	5.7	3.1	2.1	1.0	2.6
Plumbing, heating, and air-conditioning contractors .....	23822	16.7	4.8	3.1	1.6	--	1.7
Other building equipment contractors .....	23829	2.8	4.8	2.9	2.7	( <sup>11</sup> )	1.9
Building finishing contractors .....	2383	11.8	3.6	2.8	2.4	0.4	0.8
Other specialty trade contractors .....	2389	9.9	8.0	5.8	3.7	2.1	2.2
<b>Manufacturing</b> .....		410.8	6.9	3.9	1.4	2.4	3.1

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Tennessee

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Manufacturing</b> .....	31-33	410.8	6.9	3.9	1.4	2.4	3.1
Food manufacturing .....	311	34.9	7.6	4.7	1.1	3.6	2.9
Sugar and confectionery product manufacturing .....	3113	3.2	6.7	4.2	1.3	2.9	2.5
Fruit and vegetable preserving and specialty food manufacturing .....	3114	3.5	7.9	5.7	1.9	3.8	2.2
Animal slaughtering and processing .....	3116	11.2	10.6	6.4	0.6	5.8	4.3
Bakeries and tortilla manufacturing .....	3118	7.9	6.4	4.6	1.5	3.1	1.8
Other food manufacturing .....	3119	3.9	3.4	1.4	( <sup>11</sup> )	1.0	2.0
Beverage and tobacco product manufacturing .....	312	6.1	8.9	6.0	2.5	3.4	2.9
Beverage manufacturing .....	3121	5.1	10.2	7.1	3.1	4.0	3.2
Textile mills .....	313	7.4	8.7	4.0	1.2	2.8	4.7
Fiber, yarn, and thread mills .....	3131	3.7	8.7	2.6	--	1.5	6.1
Fiber, yarn, and thread mills .....	31311	3.7	8.7	2.6	--	1.5	6.1
Yarn spinning mills .....	313111	2.3	11.9	3.8	--	2.4	8.1
Textile and fabric finishing and fabric coating mills .....	3133	1.7	9.4	5.9	1.7	4.1	3.6
Textile product mills .....	314	3.7	6.9	3.9	1.9	1.9	3.0
Apparel manufacturing .....	315	10.2	4.7	--	1.2	1.3	2.2
Cut and sew apparel manufacturing .....	3152	8.0	4.1	1.9	0.9	1.0	2.2
Wood product manufacturing .....	321	16.7	6.9	4.0	2.6	1.4	2.9
Sawmills and wood preservation .....	3211	3.7	9.5	5.6	3.2	2.3	4.0
Other wood product manufacturing .....	3219	11.7	6.0	3.2	2.4	0.7	2.8
Paper manufacturing .....	322	19.6	3.5	1.6	0.5	1.1	2.0
Pulp, paper, and paperboard mills .....	3221	6.8	1.6	0.8	0.3	0.5	0.7
Paper mills .....	32212	5.3	1.2	0.7	--	0.5	0.6
Converted paper product manufacturing .....	3222	12.9	4.6	2.0	0.6	1.4	2.6
Paperboard container manufacturing .....	32221	6.6	5.0	2.0	0.4	1.6	3.0
Printing and related support activities .....	323	19.5	4.8	3.0	1.0	2.0	1.7
Printing and related support activities .....	3231	19.5	4.8	3.0	1.0	2.0	1.7
Printing .....	32311	18.3	4.9	3.1	1.1	2.0	1.8
Commercial lithographic printing .....	323110	6.3	4.6	2.5	--	2.0	2.1
Books printing .....	323117	1.6	8.1	6.8	( <sup>11</sup> )	6.8	1.4
Chemical manufacturing .....	325	28.4	3.5	1.9	0.9	1.1	1.6
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing .....	3252	12.4	2.2	1.1	0.4	0.6	1.1
Plastics and rubber products manufacturing .....	326	28.3	7.4	4.8	1.7	3.0	2.6
Plastics product manufacturing .....	3261	14.4	6.4	4.3	1.7	2.6	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, 2003 -- Continued

Tennessee

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Rubber product manufacturing . . . . .	3262	13.9	8.3	5.2	1.8	3.4	3.0
Nonmetallic mineral product manufacturing . . . . .	327	15.7	9.4	5.2	1.9	3.3	4.2
Glass and glass product manufacturing . . . . .	3272	6.3	11.3	6.6	1.2	5.4	4.7
Cement and concrete product manufacturing . . . . .	3273	5.5	5.6	2.9	2.0	0.9	2.8
Primary metal manufacturing . . . . .	331	11.5	8.6	3.7	1.4	2.3	4.9
Alumina and aluminum production and processing . . . . .	3313	3.6	6.3	3.6	1.6	1.9	2.7
Nonferrous metal (except aluminum) production and processing . . . . .	3314	1.7	7.8	3.6	1.7	2.0	4.1
Foundries . . . . .	3315	3.0	11.0	4.2	1.2	3.0	6.9
Fabricated metal product manufacturing . . . . .	332	41.2	8.0	4.1	2.2	1.8	3.9
Forging and stamping . . . . .	3321	2.1	6.8	2.9	--	2.1	3.9
Architectural and structural metals manufacturing . . . . .	3323	11.7	8.4	3.0	2.1	0.9	5.4
Hardware manufacturing . . . . .	3325	2.6	6.3	2.3	--	1.6	4.1
Other fabricated metal product manufacturing . . . . .	3329	11.2	5.4	2.2	1.2	1.0	3.2
Machinery manufacturing . . . . .	333	33.0	6.2	3.5	1.1	2.5	2.6
Commercial and service industry machinery manufacturing . . . . .	3333	1.6	12.0	5.0	4.0	1.0	7.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing . . . . .	3334	11.9	7.0	4.7	0.9	3.8	2.3
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing . . . . .	333415	9.3	7.3	4.9	1.1	3.9	2.4
Metalworking machinery manufacturing . . . . .	3335	4.6	4.4	1.7	0.9	0.8	2.7
Other general purpose machinery manufacturing . . . . .	3339	6.3	4.5	2.8	1.1	1.6	1.8
Computer and electronic product manufacturing . . . . .	334	11.6	4.6	2.4	0.9	1.5	2.2
Navigational, measuring, electromedical, and control instruments manufacturing . . . . .	3345	4.6	4.5	2.4	1.5	1.0	2.1
Electrical equipment, appliance, and component manufacturing . . . . .	335	23.8	6.6	3.4	1.4	2.0	3.2
Household appliance manufacturing . . . . .	3352	11.3	6.0	2.6	0.9	1.7	3.4
Major appliance manufacturing . . . . .	33522	9.7	6.7	2.8	0.9	1.9	3.9
Electrical equipment manufacturing . . . . .	3353	6.5	8.7	4.9	3.0	1.9	3.8
Electrical equipment manufacturing . . . . .	33531	6.5	8.7	4.9	3.0	1.9	3.8
Motor and generator manufacturing . . . . .	335312	3.8	11.9	6.1	4.0	2.0	5.8
Transportation equipment manufacturing . . . . .	336	60.2	9.1	5.5	1.6	3.9	3.6
Motor vehicle parts manufacturing . . . . .	3363	33.9	8.4	4.9	1.7	3.1	3.5
Motor vehicle gasoline engine and engine parts manufacturing . . . . .	33631	4.4	9.5	4.9	2.3	2.6	4.6
Motor vehicle transmission and power train parts manufacturing . . . . .	33635	1.7	10.6	5.7	1.8	3.9	4.9
Other motor vehicle parts manufacturing . . . . .	33639	11.1	10.4	6.7	1.7	5.1	3.7
Ship and boat building . . . . .	3366	4.6	6.2	4.3	( <sup>11</sup> )	4.1	1.9
Furniture and related product manufacturing . . . . .	337	19.3	10.1	4.3	1.6	2.7	5.9
Household and institutional furniture and kitchen cabinet manufacturing . . . . .	3371	14.9	11.0	4.5	1.5	3.0	6.5

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Tennessee

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment (000's) <sup>4</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>5</sup>	Cases with job transfer or restriction	
Miscellaneous manufacturing . . . . .	339	16.9	3.4	1.9	0.7	1.2	1.5
Medical equipment and supplies manufacturing . . . . .	3391	6.9	4.2	2.6	1.0	1.6	1.6
<b>Service providing</b> . . . . .		1,659.9	4.9	2.4	1.3	1.1	2.4
<b>Trade, transportation, and utilities<sup>9</sup></b> . . . . .		575.2	5.4	3.4	1.8	1.5	2.1
<b>Wholesale trade</b> . . . . .	42	127.4	4.8	3.0	1.5	1.5	1.8
Merchant wholesalers, durable goods . . . . .	423	64.7	4.9	3.2	1.7	1.6	1.7
Merchant wholesalers, nondurable goods . . . . .	424	46.7	5.2	3.2	1.6	1.6	1.9
<b>Retail trade</b> . . . . .	44-45	312.8	4.9	2.7	1.3	1.4	2.2
Motor vehicle and parts dealers . . . . .	441	41.6	4.6	2.1	1.4	--	2.6
Furniture and home furnishings stores . . . . .	442	9.4	3.2	2.1	1.3	0.8	1.1
Electronics and appliance stores . . . . .	443	7.8	4.6	2.7	1.1	1.6	1.9
Building material and garden equipment and supplies dealers . . . . .	444	24.5	7.6	4.5	2.5	2.0	3.1
Food and beverage stores . . . . .	445	47.0	4.2	1.8	1.3	0.5	2.4
Health and personal care stores . . . . .	446	19.4	2.5	0.8	0.5	0.2	1.7
Gasoline stations . . . . .	447	23.7	3.8	2.0	1.4	0.6	1.8
Clothing and clothing accessories stores . . . . .	448	28.4	3.4	1.1	0.8	0.4	2.3
Sporting goods, hobby, book, and music stores . . . . .	451	12.6	3.7	1.8	1.3	0.5	1.8
General merchandise stores . . . . .	452	68.9	6.5	4.5	1.5	3.0	2.0
<b>Transportation and warehousing<sup>9</sup></b> . . . . .	48-49	131.5	7.4	5.3	3.3	2.0	2.1
Air transportation . . . . .	481	6.6	15.1	10.9	6.0	4.9	4.2
Rail transportation <sup>9</sup> . . . . .	482	--	2.8	2.1	2.0	( <sup>11</sup> )	0.7
Truck transportation . . . . .	484	59.8	7.0	5.3	3.8	1.5	--
Support activities for transportation . . . . .	488	9.5	4.1	2.4	1.2	1.2	1.7
Warehousing and storage . . . . .	493	10.2	7.8	5.2	1.3	3.9	2.5
<b>Utilities</b> . . . . .	22	3.6	7.2	3.0	2.1	0.9	4.2
<b>Information</b> . . . . .		50.5	2.6	1.0	0.7	0.4	1.6

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Tennessee

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Information</b> .....	51	50.5	2.6	1.0	0.7	0.4	1.6
Publishing industries (except Internet) .....	511	13.7	4.5	1.6	1.0	0.6	2.9
Newspaper, periodical, book, and directory publishers .....	5111	12.9	4.8	1.7	1.1	0.6	3.1
Newspaper publishers .....	51111	8.2	3.8	1.9	1.0	0.9	1.9
Telecommunications .....	517	16.8	2.0	1.3	1.0	0.3	0.7
<b>Financial activities</b> .....		137.2	1.8	0.9	0.7	0.2	1.0
<b>Finance and insurance</b> .....	52	102.3	1.1	0.4	0.3	0.1	0.7
<b>Real estate and rental and leasing</b> .....	53	34.9	4.4	2.6	2.1	0.5	1.9
Rental and leasing services .....	532	12.4	5.8	3.5	2.7	0.9	2.3
<b>Professional and business services</b> .....		287.8	3.0	1.6	0.9	0.7	1.5
<b>Professional, scientific, and technical services</b> .....	54	97.9	1.4	0.6	0.3	0.3	0.8
Professional, scientific, and technical services .....	541	97.9	1.4	0.6	0.3	0.3	0.8
Legal services .....	5411	14.8	0.6	0.3	( <sup>11</sup> )	0.3	0.3
<b>Management of companies and enterprises</b> .....	55	23.5	5.7	3.2	2.3	0.9	2.5
<b>Administrative and support and waste management and remediation services</b> .....	56	166.4	4.3	2.3	1.3	1.1	2.0
Administrative and support services .....	561	159.0	4.0	2.1	1.0	1.1	--
Facilities support services .....	5612	4.2	7.8	6.5	4.6	1.9	1.3
Travel arrangement and reservation services .....	5615	2.8	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
Waste management and remediation services .....	562	7.4	6.9	3.8	--	0.9	3.0
<b>Education and health services</b> .....		299.1	6.1	2.6	1.2	1.4	3.5
<b>Educational services</b> .....	61	35.5	2.4	1.2	0.6	0.6	1.2
<b>Health care and social assistance</b> .....	62	263.7	6.5	2.8	1.3	1.5	3.7

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued

Tennessee

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment (000's) <sup>4</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>5</sup>	Cases with job transfer or restriction	
Ambulatory health care services . . . . .	621	97.8	3.1	1.1	0.6	0.5	2.0
Offices of physicians . . . . .	6211	47.8	2.0	0.5	0.4	0.1	1.5
Outpatient care centers . . . . .	6214	11.7	5.0	2.1	1.7	0.4	3.0
Hospitals . . . . .	622	85.4	9.0	3.2	1.7	1.5	5.8
Nursing and residential care facilities . . . . .	623	49.4	10.8	6.0	2.1	3.9	4.7
Social assistance . . . . .	624	31.2	3.8	1.9	1.1	0.8	2.0
<b>Leisure and hospitality</b> . . . . .		246.7	6.8	2.1	1.2	0.9	4.7
<b>Arts, entertainment, and recreation</b> . . . . .	71	27.7	4.1	1.8	1.0	0.8	2.3
<b>Accommodation and food services</b> . . . . .	72	219.0	7.1	2.2	1.3	0.9	5.0
Accommodation . . . . .	721	34.3	5.3	3.2	1.8	1.4	2.1
Traveler accommodation . . . . .	7211	32.5	5.1	3.2	1.8	1.4	1.9
Food services and drinking places . . . . .	722	184.7	7.6	1.9	1.1	0.8	5.6
<b>Other services</b> . . . . .		64.7	3.4	1.5	1.1	0.4	1.9
<b>Other services, except public administration</b> . . . . .	81	64.7	3.4	1.5	1.1	0.4	1.9
Repair and maintenance . . . . .	811	22.3	4.5	1.8	1.4	0.4	2.6
Automotive repair and maintenance . . . . .	8111	14.8	4.7	1.7	1.4	0.3	3.0
Personal and laundry services . . . . .	812	24.8	2.9	1.5	1.1	0.4	1.4
Religious, grantmaking, civic, professional, and similar organizations . . . . .	813	17.7	2.2	0.7	0.6	( <sup>11</sup> )	1.5
<b>State and local government</b> . . . . .		342.6	5.1	2.6	1.9	0.7	2.5
<b>State government</b> . . . . .		83.5	4.0	2.1	1.9	0.2	1.8
<b>Service providing</b> . . . . .		81.1	4.0	2.1	1.9	0.2	1.8
<b>Public administration</b> . . . . .		35.0	4.5	2.7	2.5	0.2	1.9
<b>Local government</b> . . . . .		259.2	5.5	2.7	1.8	0.9	2.8
<b>Service providing</b> . . . . .		255.6	5.5	2.7	1.8	0.9	2.8

See footnotes at end of table.

**Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2003 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2003 Average annual employment (000's) <sup>4</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>5</sup>	Cases with job transfer or restriction	
<b>Trade, transportation, and utilities<sup>9</sup></b> .....		13.7	7.8	4.3	1.7	2.7	3.5
<b>Utilities</b> .....	22	12.5	7.9	4.4	1.7	2.7	3.5
<b>Public administration</b> .....		78.6	5.8	2.9	2.0	0.9	2.9

<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> *North American Industry Classification System* Manual, 2002 Edition

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

<sup>5</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. 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 the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</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 the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>9</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>10</sup> Incidence rate less than 0.05.

<sup>11</sup> Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- 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.

- Reissued June 2005. For information see [http://www.bls.gov/iif/osh\\_notice20.htm](http://www.bls.gov/iif/osh_notice20.htm).