

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999**

**Utah**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 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>All Industries including State and local government<sup>7</sup></b>		986.7	7.1	2.8	1.6	4.4	6.8	2.5	1.5	4.2
<b>Private Industry<sup>7</sup></b>		849.4	7.4	3.0	1.7	4.4	7.0	2.7	1.6	4.2
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		8.7	10.4	4.7	2.9	5.7	10.2	4.7	2.9	5.6
<b>Mining<sup>8</sup></b>		7.8	5.9	3.3	3.0	2.5	5.7	3.2	2.9	2.5
Nonmetallic minerals, except fuels <sup>8</sup>	14	1.4	4.7	2.3	1.8	2.4	4.7	2.3	1.8	2.4
<b>Construction</b>		72.2	10.9	4.5	3.7	6.4	10.9	4.5	3.7	6.4
Residential building construction	152	10.5	9.3	2.8	2.8	6.5	9.3	2.8	2.8	6.5
Heavy construction, except building	16	8.2	8.1	3.4	2.0	4.7	8.0	3.4	2.0	4.7
Highway and street construction	161	3.7	6.3	3.3	1.7	2.9	6.2	3.3	1.7	2.8
Heavy construction, except highway	162	4.5	9.8	3.4	2.3	6.4	9.8	3.4	2.3	6.4
Special trade contractors	17	46.9	12.2	5.5	4.5	6.8	12.2	5.4	4.4	6.8
Plumbing, heating, air-conditioning	171	8.5	15.0	6.0	5.0	9.0	15.0	6.0	5.0	9.0
Electrical work	173	6.9	5.0	1.5	1.2	3.5	5.0	1.5	1.2	3.5
Masonry, stonework, and plastering	174	9.1	9.5	5.5	4.5	4.0	9.5	5.5	4.5	4.0
Roofing, siding, and sheet metal work	176	3.5	16.1	7.1	4.4	9.0	15.8	6.8	4.2	9.0
Concrete work	177	4.9	14.7	5.7	5.4	9.1	14.7	5.7	5.4	9.1
Miscellaneous special trade contractors	179	7.9	18.1	9.4	7.8	8.8	18.1	9.4	7.8	8.8
<b>Manufacturing</b>		131.3	11.4	5.1	2.0	6.4	10.2	4.3	1.8	5.9
Durable goods		88.1	12.3	5.3	2.2	7.0	10.9	4.4	1.9	6.5
Lumber and wood products	24	5.0	17.2	6.1	3.4	11.1	17.0	5.9	3.2	11.1
Millwork, plywood and structural members	243	3.8	17.3	5.4	2.5	11.9	17.0	5.2	2.3	11.9
Furniture and fixtures	25	4.9	18.8	8.9	2.9	9.9	16.1	7.6	2.3	8.6
Household furniture	251	2.4	21.1	12.0	4.2	9.1	16.5	9.5	3.3	7.0
Stone, clay, and glass products	32	5.2	11.7	4.3	3.5	7.4	11.7	4.3	3.5	7.4
Primary metal industries	33	5.7	16.3	6.1	3.1	10.3	15.4	5.8	2.9	9.6
Fabricated metal products	34	10.0	19.0	7.5	4.1	11.5	18.6	7.3	4.1	11.3
Fabricated structural metal products	344	5.7	22.0	7.3	5.5	14.6	22.0	7.3	5.5	14.6
Industrial machinery and equipment	35	12.2	7.3	2.7	1.6	4.6	6.6	2.3	1.4	4.3
Construction and related machinery	353	1.5	7.0	4.1	3.7	2.9	6.3	3.6	3.1	2.9
Industrial machinery, n.e.c.	359	3.6	10.0	1.5	--	8.5	9.8	1.4	--	8.4
Electronic components and accessories	367	4.0	6.3	2.8	1.4	3.5	5.1	2.4	1.2	2.7
Transportation equipment	37	16.5	7.1	3.7	1.0	3.3	5.5	2.9	0.7	2.5
Instruments and related products	38	10.2	5.3	3.3	1.0	1.9	3.5	2.0	0.8	1.5
Miscellaneous manufacturing industries	39	9.5	22.9	10.0	1.9	13.0	19.2	6.7	1.2	12.5
Nondurable goods		43.1	9.5	4.4	1.7	5.1	8.7	4.0	1.6	4.7
Meat products	201	2.3	14.5	5.0	0.9	9.5	12.1	3.6	0.8	8.6
Bakery products	205	2.5	7.5	3.5	--	4.0	5.7	2.5	--	3.2
Apparel and other textile products	23	2.8	10.1	2.8	1.6	7.2	9.9	2.7	1.4	7.2
Paper and allied products	26	2.6	7.6	4.9	0.9	2.6	7.3	4.9	0.8	2.5
Commercial printing	275	4.0	7.2	2.5	1.4	4.7	7.1	2.4	1.3	4.7

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, 1999 -- Continued**

**Utah**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 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>	
Chemicals and allied products	28	7.8	8.1	4.4	1.5	3.7	7.2	3.8	1.3	3.5
Petroleum and coal products	29	1.2	11.3	4.4	4.1	7.0	11.3	4.4	4.1	7.0
Rubber and miscellaneous plastics products	30	3.8	14.7	8.2	2.5	6.5	14.2	7.9	2.5	6.3
<b>Transportation and public utilities<sup>8</sup></b>		57.5	7.0	3.5	2.3	3.5	6.7	3.2	2.0	3.4
Railroad transportation <sup>8</sup>	40	--	3.4	2.3	2.0	1.1	3.4	2.3	2.0	1.1
Trucking and warehousing	42	20.0	11.2	5.1	3.1	6.0	10.7	4.7	2.6	6.0
Trucking and courier services, except air	421	18.9	11.0	5.0	3.0	6.0	10.5	4.5	2.5	6.0
Transportation services	47	3.1	2.5	1.1	1.1	1.4	2.5	1.1	1.1	1.4
Communications	48	11.0	1.7	0.3	0.2	1.5	1.6	0.2	0.2	1.4
Electric, gas, and sanitary services	49	7.3	4.7	2.1	0.8	2.7	4.7	2.0	0.8	2.6
<b>Wholesale and retail trade</b>		246.7	7.3	2.5	1.4	4.8	7.2	2.4	1.4	4.8
Wholesale trade		50.9	6.4	3.3	1.6	3.1	6.2	3.1	1.6	3.1
Wholesale trade--durable goods	50	30.6	5.5	2.2	1.3	3.3	5.3	2.0	1.3	3.3
Machinery, equipment, and supplies	508	7.2	6.6	1.9	0.7	4.7	6.5	1.9	0.7	4.7
Retail trade		195.7	7.7	2.2	1.4	5.4	7.5	2.1	1.3	5.4
Building materials and garden supplies	52	8.8	12.0	2.7	1.8	9.3	12.0	2.7	1.8	9.2
Lumber and other building materials	521	6.1	11.7	2.1	1.6	9.6	11.7	2.1	1.6	9.6
General merchandise stores	53	24.1	12.4	4.0	1.9	8.3	12.0	3.7	1.8	8.3
Department stores	531	20.9	13.3	4.4	2.1	8.9	12.9	4.1	1.9	8.8
Variety stores	533	1.3	6.7	( <sup>9</sup> )	( <sup>9</sup> )	6.7	6.7	( <sup>9</sup> )	( <sup>9</sup> )	6.7
Food stores	54	32.1	11.2	2.1	1.6	9.1	10.9	1.8	1.2	9.1
Grocery stores	541	28.2	11.9	2.2	1.7	9.7	11.5	1.8	1.3	9.7
Automotive dealers and service stations	55	23.2	6.2	1.8	1.4	4.4	6.2	1.8	1.4	4.4
Gasoline service stations	554	8.1	7.3	2.5	1.4	4.8	7.3	2.5	1.4	4.8
Apparel and accessory stores	56	8.7	2.9	1.3	1.1	1.7	2.9	1.3	1.1	1.7
Furniture and homefurnishings stores	57	11.1	3.6	1.5	1.1	2.0	3.6	1.5	1.1	2.0
Eating and drinking places	58	63.5	5.6	1.9	0.9	3.7	5.6	1.9	0.9	3.7
Miscellaneous retail	59	24.3	5.9	2.3	1.5	3.6	5.7	2.2	1.5	3.5
Miscellaneous shopping goods stores	594	11.6	3.2	0.7	0.5	2.5	3.1	0.7	0.5	2.5
<b>Finance, insurance, and real estate</b>		56.6	1.9	0.7	0.5	1.3	1.7	0.6	0.5	1.1
Real estate	65	10.1	4.2	1.4	1.1	2.8	4.1	1.3	1.1	2.8
<b>Services</b>		268.6	4.9	1.8	1.1	3.1	4.6	1.7	1.0	2.9
Hotels and other lodging places	70	17.9	5.6	1.8	1.2	3.9	4.9	1.7	1.2	3.2
Personal services	72	9.2	4.4	1.8	1.0	2.7	3.8	1.7	1.0	2.1
Business services	73	80.3	3.3	1.4	0.6	2.0	3.1	1.2	0.6	1.9
Personnel supply services	736	21.3	11.2	5.8	1.6	5.4	10.7	5.6	1.6	5.1
Computer and data processing services	737	23.0	0.7	0.2	0.1	0.5	0.6	0.2	0.1	0.4
Miscellaneous business services	738	21.7	3.1	0.6	0.2	2.5	2.8	0.4	0.2	2.4
Auto repair, services, and parking	75	11.4	5.8	1.4	1.2	4.4	5.8	1.4	1.2	4.4
Miscellaneous repair services	76	3.3	9.3	4.4	2.7	4.9	9.2	4.3	2.6	4.9
Miscellaneous repair shops	769	2.2	13.0	6.8	4.2	6.2	12.8	6.6	4.1	6.2

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, 1999 -- Continued**

**Utah**

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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>	
Motion pictures	78	7.2	13.7	2.3	1.7	11.4	13.6	2.3	1.7	11.3
Amusement and recreation services	79	14.1	11.1	2.8	1.4	8.3	11.1	2.8	1.4	8.3
Miscellaneous amusement, recreation	799	10.6	13.2	3.2	1.6	10.0	13.2	3.2	1.6	10.0
Health services	80	64.4	4.9	2.2	1.3	2.7	4.6	2.1	1.3	2.5
Nursing and personal care facilities	805	8.7	13.0	8.9	5.2	4.1	13.0	8.9	5.2	4.1
Legal services	81	5.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Social services	83	14.7	9.4	3.7	2.3	5.7	9.1	3.4	2.2	5.7
Engineering and management services	87	22.8	2.6	1.3	0.8	1.3	2.5	1.2	0.8	1.3
<b>State and local government</b>		137.3	5.9	1.5	1.0	4.3	5.7	1.5	1.0	4.2
<b>State government</b>		48.5	3.9	0.9	0.7	3.0	3.8	0.9	0.7	2.9
<b>Services</b>		29.2	4.2	0.8	0.6	3.4	4.1	0.8	0.6	3.3
<b>Public administration</b>		18.6	3.3	1.1	0.9	2.2	3.1	1.1	0.9	2.1
Justice, public order, and safety	92	5.9	5.8	2.2	1.8	3.6	5.7	2.2	1.7	3.6
Administration of human resources	94	5.4	2.3	0.9	0.9	1.4	1.8	0.9	0.9	0.9
Administration of economic programs	96	3.6	3.2	0.5	0.4	2.7	3.0	0.4	0.4	2.5
<b>Local government</b>		88.8	7.2	2.0	1.3	5.2	7.0	1.9	1.2	5.1
<b>Services</b>		59.2	6.4	1.5	1.2	4.9	6.4	1.5	1.2	4.9

<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>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.

<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.

<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.

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.