

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2005

Massachusetts

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2005 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>Private industry<sup>6</sup></b> .....		2,729.5	4.2	2.3	1.7	0.6	1.9
<b>Goods producing<sup>6</sup></b> .....		453.9	4.9	2.7	1.9	0.8	2.1
<b>Natural resources and mining<sup>6,7</sup></b> .....		7.6	4.5	2.6	1.3	1.3	2.0
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	5.8	5.0	2.8	1.3	1.5	2.2
Crop production <sup>6</sup> .....	111	2.3	6.3	4.3	2.3	--	--
<b>Mining<sup>7</sup></b> .....	21	1.9	2.5	1.6	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
Mining (except oil and gas) <sup>8</sup> .....	212	1.8	2.5	1.6	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
Nonmetallic mineral mining and quarrying <sup>8</sup> .....	2123	1.8	2.5	1.6	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
<b>Construction</b> .....		138.8	6.5	3.5	3.0	0.4	3.0
<b>Construction</b> .....	23	138.8	6.5	3.5	3.0	0.4	3.0
Construction of buildings .....	236	32.4	5.3	2.8	2.5	0.2	2.6
Residential building construction .....	2361	19.7	5.7	3.4	3.3	0.1	2.3
Nonresidential building construction .....	2362	12.8	4.8	1.9	1.5	0.4	3.0
Heavy and civil engineering construction .....	237	13.0	6.4	3.1	2.2	0.9	3.2
Specialty trade contractors .....	238	93.4	6.9	3.7	3.3	0.4	3.1
Foundation, structure, and building exterior contractors .....	2381	14.7	6.8	3.0	2.9	0.2	3.8
Masonry contractors .....	23814	3.5	7.1	2.4	2.3	--	4.8
Roofing contractors .....	23816	2.8	6.7	3.2	3.2	( <sup>11</sup> )	3.5
Building equipment contractors .....	2382	44.2	6.7	3.4	3.0	0.5	3.2
Electrical contractors .....	23821	20.8	6.4	2.9	2.6	0.3	3.5
Plumbing, heating, and air-conditioning contractors .....	23822	21.0	7.3	4.2	3.6	0.7	3.1
Building finishing contractors .....	2383	20.6	7.4	4.6	4.5	0.2	2.7
Drywall and insulation contractors .....	23831	6.2	6.9	4.8	4.5	--	2.1
Other specialty trade contractors .....	2389	13.8	6.8	4.2	3.5	0.7	2.6
<b>Manufacturing</b> .....		307.5	4.2	2.4	1.5	0.9	1.8

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2005 -- Continued

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Manufacturing</b> .....	31-33	307.5	4.2	2.4	1.5	0.9	1.8
Food manufacturing .....	311	22.9	4.5	3.1	2.2	0.9	1.4
Beverage and tobacco product manufacturing .....	312	2.6	17.1	12.2	8.1	4.1	4.8
Textile mills .....	313	7.9	6.0	3.4	1.4	2.0	2.6
Textile product mills .....	314	2.8	6.4	4.1	1.3	--	2.4
Apparel manufacturing .....	315	3.9	2.4	1.6	0.9	0.7	0.8
Leather and allied product manufacturing .....	316	2.4	6.7	3.4	1.9	1.5	--
Paper manufacturing .....	322	13.5	4.1	2.9	1.5	1.4	1.2
Pulp, paper, and paperboard mills .....	3221	3.1	4.3	3.0	--	0.8	1.3
Converted paper product manufacturing .....	3222	10.4	4.0	2.9	1.3	1.6	1.1
Printing and related support activities .....	323	15.8	4.6	3.1	1.9	1.2	1.5
Printing and related support activities .....	3231	15.8	4.6	3.1	1.9	1.2	1.5
Printing .....	32311	14.1	4.6	3.0	1.9	1.2	1.5
Commercial lithographic printing .....	323110	5.6	4.3	3.0	1.5	1.6	1.3
Support activities for printing .....	32312	1.7	4.8	3.2	2.1	--	--
Chemical manufacturing .....	325	17.0	3.7	2.5	1.6	0.9	1.2
Plastics and rubber products manufacturing .....	326	16.2	7.7	3.7	2.4	1.3	4.0
Plastics product manufacturing .....	3261	14.8	7.7	3.7	2.3	1.4	4.0
Nonmetallic mineral product manufacturing .....	327	6.6	11.4	6.4	4.8	1.6	5.0
Primary metal manufacturing .....	331	5.5	6.6	3.7	2.6	1.1	2.9
Fabricated metal product manufacturing .....	332	36.0	5.8	3.2	1.7	1.5	2.7
Cutlery and handtool manufacturing .....	3322	6.1	6.0	3.1	2.0	1.0	3.0
Architectural and structural metals manufacturing .....	3323	6.3	13.6	6.6	2.7	3.9	7.0
Machinery manufacturing .....	333	21.5	4.1	2.2	1.5	0.7	1.9
Industrial machinery manufacturing .....	3332	6.4	3.5	1.7	--	0.7	1.8
Commercial and service industry machinery manufacturing .....	3333	3.9	3.8	2.8	1.8	1.0	1.0
Metalworking machinery manufacturing .....	3335	3.8	4.5	1.7	1.3	0.4	2.9
Other general purpose machinery manufacturing .....	3339	4.5	3.7	2.1	1.7	0.4	1.6
Computer and electronic product manufacturing .....	334	72.6	1.3	0.6	0.4	0.2	0.7
Computer and peripheral equipment manufacturing .....	3341	16.1	0.4	0.2	0.1	( <sup>11</sup> )	0.2
Communications equipment manufacturing .....	3342	6.8	1.3	0.4	( <sup>11</sup> )	( <sup>11</sup> )	0.9
Audio and video equipment manufacturing .....	3343	3.5	1.3	0.6	( <sup>11</sup> )	( <sup>11</sup> )	0.7
Semiconductor and other electronic component manufacturing .....	3344	18.6	1.6	0.8	0.5	0.3	0.8
Navigational, measuring, electromedical, and control instruments manufacturing .....	3345	27.1	1.6	0.8	0.5	0.3	0.8

See footnotes at end of table.

Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2005 -- Continued

Massachusetts

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2005 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	
Navigational, measuring, electromedical, and control instruments manufacturing .....	33451	27.1	1.6	0.8	0.5	0.3	0.8
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	334511	5.1	1.2	0.5	0.3	( <sup>11</sup> )	0.8
Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables .....	334513	4.9	2.1	1.4	0.9	0.6	0.7
Analytical laboratory instrument manufacturing .....	334516	5.3	2.2	1.2	0.8	0.3	1.1
Electrical equipment, appliance, and component manufacturing .....	335	11.1	2.6	1.5	0.9	0.6	1.0
Electric lighting equipment manufacturing .....	3351	2.4	4.0	3.1	1.7	1.4	0.9
Transportation equipment manufacturing .....	336	14.3	2.8	1.1	0.9	0.2	--
Furniture and related product manufacturing .....	337	5.7	4.7	3.4	1.9	1.5	1.3
Miscellaneous manufacturing .....	339	24.4	3.2	2.1	1.1	1.0	1.1
Medical equipment and supplies manufacturing .....	3391	12.2	2.7	1.6	0.9	0.7	1.1
Medical equipment and supplies manufacturing .....	33911	12.2	2.7	1.6	0.9	0.7	1.1
Surgical and medical instrument manufacturing .....	339112	7.1	2.8	1.3	--	1.1	1.5
<b>Service providing</b> .....		2,275.6	4.0	2.2	1.6	0.6	1.8
<b>Trade, transportation, and utilities<sup>9</sup></b> .....		568.6	5.4	3.3	2.3	1.0	2.1
<b>Wholesale trade</b> .....	42	133.0	4.5	2.9	1.8	1.1	1.6
Merchant wholesalers, durable goods .....	423	62.8	2.7	1.5	1.1	0.4	1.2
Merchant wholesalers, nondurable goods .....	424	46.8	7.6	5.3	3.3	2.0	2.3
Grocery and related product merchant wholesalers .....	4244	17.2	10.1	6.5	4.4	2.1	3.6
Beer, wine, and distilled alcoholic beverage merchant wholesalers .....	4248	3.4	13.2	9.0	3.9	--	4.2
<b>Retail trade</b> .....	44-45	356.3	5.2	2.9	2.2	0.7	2.3
Motor vehicle and parts dealers .....	441	38.5	5.0	2.6	2.2	0.4	2.5
Furniture and home furnishings stores .....	442	13.3	5.5	2.1	1.9	0.2	3.5
Electronics and appliance stores .....	443	12.6	2.0	1.5	0.8	0.7	0.5
Building material and garden equipment and supplies dealers .....	444	28.4	7.0	4.4	3.5	1.0	2.6
Food and beverage stores .....	445	88.6	5.7	3.1	2.6	0.4	2.6
Grocery stores .....	4451	73.2	6.3	3.3	2.8	0.5	3.0
Health and personal care stores .....	446	26.9	1.3	0.7	0.6	( <sup>11</sup> )	0.7

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Gasoline stations . . . . .	447	12.2	2.8	1.6	1.6	( <sup>11</sup> )	1.1
General merchandise stores . . . . .	452	44.2	9.9	5.6	3.5	2.2	4.2
<b>Transportation and warehousing<sup>9</sup></b> . . . . .	48-49	69.5	7.8	5.6	4.2	1.4	2.3
Rail transportation <sup>9</sup> . . . . .	482	--	3.9	3.2	2.7	0.5	0.7
Truck transportation . . . . .	484	16.2	8.5	5.7	5.0	0.6	2.9
General freight trucking . . . . .	4841	10.3	7.3	4.9	4.6	0.3	2.4
Specialized freight trucking . . . . .	4842	5.9	10.9	7.2	6.0	1.2	3.8
Transit and ground passenger transportation . . . . .	485	16.6	3.6	1.9	1.3	--	1.7
Support activities for transportation . . . . .	488	6.0	3.1	2.4	2.2	( <sup>11</sup> )	0.7
Couriers and messengers . . . . .	492	11.7	12.3	9.2	5.5	3.6	3.1
Warehousing and storage . . . . .	493	8.3	9.9	6.1	4.3	1.8	--
<b>Utilities</b> . . . . .	22	9.7	6.0	4.8	1.5	3.2	1.2
Utilities . . . . .	221	9.7	6.0	4.8	1.5	3.2	1.2
Electric power generation, transmission and distribution . . . . .	2211	6.4	5.3	4.3	1.3	3.0	1.0
Natural gas distribution . . . . .	2212	2.7	8.8	6.8	2.4	4.4	2.0
Water, sewage and other systems . . . . .	2213	0.6	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
<b>Information</b> . . . . .		87.0	2.0	1.0	0.8	0.1	1.0
<b>Information</b> . . . . .	51	87.0	2.0	1.0	0.8	0.1	1.0
Publishing industries (except Internet) . . . . .	511	41.9	2.6	1.1	1.0	0.1	1.5
Newspaper, periodical, book, and directory publishers . . . . .	5111	21.8	5.0	2.1	1.9	0.2	3.0
Newspaper publishers . . . . .	51111	10.5	9.1	4.0	3.9	( <sup>11</sup> )	5.1
Internet publishing and broadcasting . . . . .	516	2.1	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
Telecommunications . . . . .	517	20.9	1.9	1.5	1.2	0.3	0.5
<b>Financial activities</b> . . . . .		219.4	1.2	0.7	0.5	0.1	0.5
<b>Finance and insurance</b> . . . . .	52	174.5	0.5	0.2	0.2	( <sup>11</sup> )	0.3
Credit intermediation and related activities . . . . .	522	61.7	0.6	0.2	0.2	( <sup>11</sup> )	0.4

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Securities, commodity contracts, and other financial investments and related activities . . . .	523	46.1	0.3	0.1	0.1	( <sup>11</sup> )	0.2
Insurance carriers and related activities . . . . .	524	63.3	0.6	0.2	0.2	( <sup>11</sup> )	0.4
Insurance carriers . . . . .	5241	40.7	0.8	0.2	0.2	( <sup>11</sup> )	0.5
<b>Real estate and rental and leasing . . . . .</b>	<b>53</b>	<b>44.9</b>	<b>4.1</b>	<b>2.6</b>	<b>1.9</b>	<b>0.8</b>	<b>1.5</b>
Real estate . . . . .	531	31.5	3.6	2.1	1.7	0.5	1.4
Rental and leasing services . . . . .	532	13.0	5.5	4.0	2.5	1.5	1.6
<b>Professional and business services . . . . .</b>		<b>457.9</b>	<b>1.7</b>	<b>1.0</b>	<b>0.8</b>	<b>0.3</b>	<b>0.7</b>
<b>Professional, scientific, and technical services . . . . .</b>	<b>54</b>	<b>229.5</b>	<b>0.8</b>	<b>0.4</b>	<b>0.3</b>	<b>0.1</b>	<b>0.4</b>
Professional, scientific, and technical services . . . . .	541	229.5	0.8	0.4	0.3	0.1	0.4
Legal services . . . . .	5411	30.9	0.4	0.3	0.3	--	0.1
Management, scientific, and technical consulting services . . . . .	5416	33.2	1.6	0.6	0.4	--	1.0
Scientific research and development services . . . . .	5417	38.0	1.4	0.9	0.5	0.4	0.5
<b>Management of companies and enterprises . . . . .</b>	<b>55</b>	<b>65.4</b>	<b>2.1</b>	<b>1.0</b>	<b>0.7</b>	<b>0.3</b>	<b>1.1</b>
<b>Administrative and support and waste management and remediation services . . . . .</b>	<b>56</b>	<b>163.0</b>	<b>3.1</b>	<b>2.2</b>	<b>1.7</b>	<b>--</b>	<b>0.9</b>
Administrative and support services . . . . .	561	153.7	2.6	1.9	1.5	--	0.7
Waste management and remediation services . . . . .	562	9.3	8.0	5.3	4.2	1.1	2.7
<b>Education and health services . . . . .</b>		<b>553.1</b>	<b>5.7</b>	<b>3.2</b>	<b>2.2</b>	<b>1.0</b>	<b>2.5</b>
<b>Educational services . . . . .</b>	<b>61</b>	<b>116.2</b>	<b>2.5</b>	<b>1.2</b>	<b>1.0</b>	<b>0.2</b>	<b>1.3</b>
<b>Health care and social assistance . . . . .</b>	<b>62</b>	<b>436.9</b>	<b>6.6</b>	<b>3.8</b>	<b>2.6</b>	<b>1.2</b>	<b>2.8</b>
Ambulatory health care services . . . . .	621	124.7	3.5	1.7	1.4	0.3	1.8
Hospitals . . . . .	622	159.6	9.3	4.5	3.2	1.3	4.8
Nursing and residential care facilities . . . . .	623	91.2	9.0	6.9	4.0	2.9	2.1
Social assistance . . . . .	624	61.3	2.8	1.7	1.2	0.4	1.1
<b>Leisure and hospitality . . . . .</b>		<b>292.0</b>	<b>5.6</b>	<b>2.1</b>	<b>1.8</b>	<b>0.3</b>	<b>3.5</b>

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Table 6. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, 2005 -- Continued

Massachusetts

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<b>Arts, entertainment, and recreation</b> .....	71	46.1	7.3	2.1	1.7	0.4	5.2
<b>Accommodation and food services</b> .....	72	245.9	5.3	2.1	1.8	0.3	3.2
Accommodation .....	721	33.4	7.3	4.5	3.7	0.8	2.9
Food services and drinking places .....	722	212.5	4.9	1.7	1.5	--	3.2
<b>Other services</b> .....		97.6	3.1	1.7	1.5	0.3	1.4
<b>Other services, except public administration</b> .....	81	97.6	3.1	1.7	1.5	0.3	1.4
Repair and maintenance .....	811	26.7	4.2	2.5	2.2	0.3	1.7

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				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Automotive repair and maintenance . . . . .	8111	19.3	3.6	2.2	1.9	0.3	1.4
Personal and laundry services . . . . .	812	36.0	2.7	1.4	1.0	0.4	1.3
Religious, grantmaking, civic, professional, and similar organizations . . . . .	813	34.9	2.2	1.3	1.1	0.2	1.0

<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* 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.

<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.