

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004

Massachusetts

Industry ²	NAICS code ³	2004 Average annual employment ⁴ (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 ⁵	Cases with job transfer or restriction	
Private industry⁶		2,718.6	4.3	2.3	1.7	0.6	1.9
Goods producing⁶		459.2	5.2	3.0	2.3	0.7	2.2
Natural resources and mining^{6,7}		7.5	4.2	3.2	1.7	1.5	0.9
Agriculture, forestry, fishing and hunting⁶	11	5.7	4.5	3.6	1.9	1.7	--
Crop production ⁶	111	2.3	5.5	4.3	3.2	1.1	--
Mining⁷	21	1.8	2.8	1.9	(¹¹)	(¹¹)	(¹¹)
Construction		138.3	6.9	4.0	3.5	0.5	2.9
Construction	23	138.3	6.9	4.0	3.5	0.5	2.9
Construction of buildings	236	31.9	6.4	4.1	3.9	0.1	2.4
Residential building construction	2361	19.0	6.7	4.0	3.8	0.3	2.7
Nonresidential building construction	2362	12.9	6.1	4.1	4.1	(¹¹)	--
Heavy and civil engineering construction	237	13.4	5.3	4.3	3.6	0.8	0.9
Specialty trade contractors	238	93.0	7.4	3.9	3.4	0.5	3.5
Foundation, structure, and building exterior contractors	2381	14.4	5.4	3.4	2.9	--	2.0
Roofing contractors	23816	2.8	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Building equipment contractors	2382	44.4	7.5	3.8	3.5	0.2	3.8
Electrical contractors	23821	21.2	7.3	3.5	3.3	0.2	3.8
Plumbing, heating, and air-conditioning contractors	23822	20.8	8.5	4.5	4.2	0.3	4.0
Building finishing contractors	2383	20.8	8.3	3.7	3.0	0.7	--
Drywall and insulation contractors	23831	6.4	17.1	4.5	3.5	1.1	--
Other specialty trade contractors	2389	13.3	7.3	5.4	4.1	1.3	2.0
Manufacturing		313.4	4.5	2.6	1.7	0.8	1.9
Manufacturing	31-33	313.4	4.5	2.6	1.7	0.8	1.9

See footnotes at end of table.

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Food manufacturing	311	22.5	7.9	5.7	5.2	0.5	2.2
Beverage and tobacco product manufacturing	312	2.7	15.1	14.7	12.3	2.4	--
Textile mills	313	8.8	6.7	4.9	2.0	2.9	1.8
Wood product manufacturing	321	3.4	10.0	6.4	5.3	1.1	3.6
Paper manufacturing	322	14.1	8.4	4.2	3.1	1.1	4.2
Converted paper product manufacturing	3222	11.0	8.6	4.4	3.1	1.3	--
Printing and related support activities	323	16.4	2.7	1.6	1.1	0.4	1.2
Printing and related support activities	3231	16.4	2.7	1.6	1.1	0.4	1.2
Printing	32311	14.8	3.0	1.7	1.3	0.5	1.3
Commercial lithographic printing	323110	5.9	1.9	0.9	0.8	(¹¹)	1.0
Support activities for printing	32312	1.6	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Chemical manufacturing	325	16.4	3.9	2.7	1.8	0.9	1.2
Plastics and rubber products manufacturing	326	16.8	6.5	3.4	2.0	1.4	3.1
Plastics product manufacturing	3261	15.0	6.9	3.5	2.1	1.4	3.4
Nonmetallic mineral product manufacturing	327	6.6	5.4	3.8	2.7	1.2	1.5
Fabricated metal product manufacturing	332	36.3	6.1	2.3	1.5	0.8	3.8
Cutlery and handtool manufacturing	3322	6.1	4.0	1.8	1.6	0.3	2.1
Architectural and structural metals manufacturing	3323	6.3	9.4	4.1	3.0	1.0	5.3
Machinery manufacturing	333	21.9	5.4	2.5	1.7	0.9	2.9
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	1.2	8.6	8.0	5.1	2.8	--
Electric lighting equipment manufacturing	3351	2.2	5.2	3.5	1.6	1.9	1.7
Transportation equipment manufacturing	336	14.2	3.2	1.1	0.8	0.3	2.2
Furniture and related product manufacturing	337	5.7	4.1	1.3	0.5	0.8	2.8
Miscellaneous manufacturing	339	26.3	2.6	1.8	0.6	1.3	0.8
Other miscellaneous manufacturing	3399	13.2	4.1	3.0	0.8	2.1	1.2
Service providing		2,259.5	4.0	2.1	1.6	0.6	1.9
Trade, transportation, and utilities⁹		570.7	5.2	3.1	2.3	0.8	2.1
Wholesale trade	42	135.0	4.2	2.7	2.0	0.6	1.5
Merchant wholesalers, durable goods	423	63.6	3.9	2.3	1.8	--	1.6
Merchant wholesalers, nondurable goods	424	46.9	5.8	3.9	3.2	0.7	1.9
Grocery and related product merchant wholesalers	4244	16.3	6.8	4.7	4.1	0.6	2.1

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Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	3.3	18.1	14.5	12.1	2.4	3.5
Retail trade	44-45	355.7	4.7	2.5	1.9	0.6	2.2
Motor vehicle and parts dealers	441	38.7	3.2	1.8	1.2	0.6	1.4
Furniture and home furnishings stores	442	13.2	4.4	3.2	2.9	0.3	1.1
Electronics and appliance stores	443	12.4	3.0	0.8	0.3	0.4	2.2
Building material and garden equipment and supplies dealers	444	27.8	7.1	3.4	3.0	0.4	--
Food and beverage stores	445	89.2	5.6	3.4	2.4	1.0	2.3
Grocery stores	4451	73.8	6.1	3.6	2.4	1.2	2.5
Health and personal care stores	446	26.8	2.7	0.7	0.7	(¹¹)	1.9
Gasoline stations	447	12.3	1.3	0.4	0.4	(¹¹)	0.9
General merchandise stores	452	43.4	8.5	5.3	3.3	--	--
Transportation and warehousing⁹	48-49	69.9	9.5	6.5	4.6	1.9	3.0
Rail transportation ⁹	482	--	3.9	3.2	2.9	(¹¹)	0.7
Truck transportation	484	16.3	8.5	5.6	4.1	--	--
General freight trucking	4841	10.2	10.3	6.7	4.3	--	--
Transit and ground passenger transportation	485	16.7	6.1	2.6	2.6	(¹¹)	--
Support activities for transportation	488	6.0	7.0	4.7	4.0	0.7	2.4
Couriers and messengers	492	12.0	17.7	12.7	8.8	3.9	5.0
Utilities	22	10.1	4.7	3.5	1.4	2.1	1.3
Utilities	221	10.1	4.7	3.5	1.4	2.1	1.3
Natural gas distribution	2212	2.7	5.5	4.5	1.4	3.1	--
Information		87.4	2.2	1.6	1.1	--	--
Information	51	87.4	2.2	1.6	1.1	--	--
Newspaper publishers	51111	10.8	--	1.8	1.8	--	1.4
Software publishers	5112	19.0	0.1	(¹¹)	(¹¹)	(¹¹)	0.1
Telecommunications	517	22.3	1.9	1.6	1.5	0.1	0.3
Financial activities		216.7	1.2	0.5	0.5	0.1	0.7

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Finance and insurance	52	172.0	0.5	0.2	0.1	--	0.3
Credit intermediation and related activities	522	61.7	0.4	0.1	0.1	(¹¹)	0.3
Insurance carriers and related activities	524	61.4	0.6	0.2	0.2	--	0.4
Insurance carriers	5241	38.8	0.8	0.2	0.2	(¹¹)	0.5
Real estate and rental and leasing	53	44.7	4.3	2.2	1.8	0.4	2.1
Real estate	531	30.8	4.9	2.4	1.9	0.5	2.5
Rental and leasing services	532	13.5	2.9	1.5	1.4	0.2	1.3
Professional and business services		449.2	2.5	1.4	1.1	--	1.1
Professional, scientific, and technical services	54	223.6	1.1	0.5	0.4	0.1	0.6
Professional, scientific, and technical services	541	223.6	1.1	0.5	0.4	0.1	0.6
Legal services	5411	31.0	0.2	0.2	0.2	(¹¹)	0.1
Management, scientific, and technical consulting services	5416	31.4	1.3	0.7	0.7	(¹¹)	0.6
Scientific research and development services	5417	36.8	2.2	0.8	0.4	0.5	--
Management of companies and enterprises	55	64.7	2.6	1.6	1.3	0.3	1.0
Administrative and support and waste management and remediation services	56	161.0	5.8	3.5	2.9	--	--
Waste management and remediation services	562	8.9	8.4	4.6	3.6	1.0	3.8
Education and health services		548.1	5.7	2.9	2.1	0.8	2.8
Educational services	61	116.8	3.3	1.4	1.3	0.1	1.9
Health care and social assistance	62	431.3	6.3	3.2	2.3	1.0	3.1
Ambulatory health care services	621	123.6	3.6	1.1	0.9	0.1	2.5
Hospitals	622	157.2	8.0	3.9	2.9	1.1	4.1
Nursing and residential care facilities	623	89.9	9.4	6.2	3.9	2.3	3.2

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Social assistance	624	60.7	2.6	1.1	0.8	0.3	1.5
Leisure and hospitality		290.4	4.4	1.9	1.4	0.5	2.5
Arts, entertainment, and recreation	71	46.0	5.0	2.0	2.0	(¹¹)	3.0
Accommodation and food services	72	244.4	4.3	1.9	1.3	0.6	2.4
Accommodation	721	33.0	5.6	2.7	2.1	0.6	3.0
Food services and drinking places	722	211.3	4.0	1.7	1.1	0.6	2.3
Other services		96.9	2.5	0.9	0.8	0.1	1.6
Other services, except public administration	81	96.9	2.5	0.9	0.8	0.1	1.6
Repair and maintenance	811	27.0	3.1	1.0	0.9	--	2.1

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Automotive repair and maintenance	8111	19.7	2.8	0.7	0.5	0.2	2.1
Personal and laundry services	812	35.7	1.6	0.8	0.7	0.1	0.8
Religious, grantmaking, civic, professional, and similar organizations	813	34.2	2.9	0.8	0.8	(¹¹)	2.1

¹ 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).

² Totals include data for industries not shown separately.

³ *North American Industry Classification System* 2002 Edition

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

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

⁶ Excludes farms with fewer than 11 employees.

⁷ 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.

⁸ 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.

⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

¹⁰ Incidence rate less than 0.05.

¹¹ 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.