

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008

Massachusetts

Industry ²	NAICS code ³	2008 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	
All industries including State and local government⁶		3,212.9	3.7	2.0	1.5	0.5	1.7
Private industry⁶		2,849.9	3.6	1.9	1.5	0.5	1.7
Goods-producing⁶		434.9	3.9	2.3	1.7	0.6	1.7
Natural resources and mining^{6,7}		6.9	8.1	4.2	2.4	1.8	4.0
Agriculture, forestry, fishing and hunting⁶	11	5.5	9.3	4.7	2.5	2.2	4.6
Crop production ⁶	111	2.1	11.9	5.1	4.0	1.1	6.8
Mining⁷	21	1.4	2.4	1.7	1.6	(¹⁰)	(¹⁰)
Mining (except oil and gas) ³	212	1.3	2.4	1.7	1.6	(¹⁰)	(¹⁰)
Nonmetallic mineral mining and quarrying ⁸	2123	1.3	2.4	1.7	1.6	(¹⁰)	(¹⁰)
Construction		138.4	4.8	2.8	2.6	0.3	2.0
Construction	23	138.4	4.8	2.8	2.6	0.3	2.0
Construction of buildings	236	31.4	3.6	2.1	1.8	--	1.5
Nonresidential building construction	2362	13.1	3.8	1.9	1.8	(¹⁰)	1.9
Heavy and civil engineering construction	237	11.9	5.7	3.3	2.6	0.7	2.4
Specialty trade contractors	238	95.0	5.2	3.1	2.8	0.2	2.1
Foundation, structure, and building exterior contractors	2381	14.7	5.4	3.2	2.9	0.2	2.2
Masonry contractors	23814	3.5	4.2	1.9	1.9	(¹⁰)	2.3
Roofing contractors	23816	3.0	7.9	4.6	4.1	(¹⁰)	3.2
Building equipment contractors	2382	44.9	5.7	3.4	3.2	0.2	2.3
Electrical contractors	23821	20.4	3.9	2.2	1.9	0.3	1.7
Plumbing, heating, and air-conditioning contractors	23822	22.2	7.3	4.4	4.3	0.1	2.9
Other building equipment contractors	23829	2.4	6.2	4.2	3.9	--	2.0
Building finishing contractors	2383	20.9	3.6	1.5	1.4	0.1	2.1

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 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	
Drywall and insulation contractors	23831	6.2	9.0	3.5	3.3	--	5.4
Other specialty trade contractors	2389	14.4	5.5	4.3	3.6	0.7	1.2
Manufacturing		289.6	3.5	2.0	1.2	0.7	1.5
Manufacturing	31-33	289.6	3.5	2.0	1.2	0.7	1.5
Food manufacturing	311	22.5	5.2	3.5	2.0	1.5	1.7
Beverage and tobacco product manufacturing	312	2.6	7.8	5.8	4.3	1.5	2.0
Beverage manufacturing	3121	--	7.8	5.8	4.3	1.5	2.0
Textile mills	313	4.5	5.8	4.2	2.8	1.3	1.7
Textile product mills	314	2.7	4.0	2.5	1.7	0.8	1.6
Apparel manufacturing	315	3.3	4.1	1.9	1.4	0.5	2.2
Wood product manufacturing	321	2.7	5.9	3.4	2.4	1.1	2.5
Paper manufacturing	322	11.8	3.9	2.3	1.4	0.8	1.6
Pulp, paper, and paperboard mills	3221	2.8	4.2	2.7	1.7	0.9	1.6
Converted paper product manufacturing	3222	9.0	3.8	2.2	1.4	0.8	1.6
Printing and related support activities	323	15.7	2.7	1.7	1.1	0.6	1.0
Printing and related support activities	3231	15.7	2.7	1.7	1.1	0.6	1.0
Printing	32311	14.1	2.5	1.7	1.1	0.6	0.9
Support activities for printing	32312	1.6	3.7	1.4	1.3	(¹⁰)	2.3
Chemical manufacturing	325	17.5	2.3	1.1	0.7	0.4	1.2
Plastics and rubber products manufacturing	326	14.1	5.7	3.1	2.2	0.9	2.6
Nonmetallic mineral product manufacturing	327	6.4	6.8	5.1	3.2	1.9	1.7
Primary metal manufacturing	331	4.7	5.6	3.4	1.7	1.7	2.2
Fabricated metal product manufacturing	332	35.0	5.5	2.8	1.5	1.2	2.7
Cutlery and handtool manufacturing	3322	4.8	3.9	2.2	1.4	0.8	1.7
Architectural and structural metals manufacturing	3323	6.4	8.9	4.2	2.5	1.7	4.7
Machinery manufacturing	333	20.4	4.1	2.5	1.6	0.9	1.6
Industrial machinery manufacturing	3332	5.7	2.2	1.3	1.1	(¹⁰)	0.8
Commercial and service industry machinery manufacturing	3333	3.5	6.2	4.3	1.5	2.8	2.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	1.2	5.2	2.4	1.6	(¹⁰)	2.8
Metalworking machinery manufacturing	3335	3.5	4.2	2.6	2.3	(¹⁰)	1.7
Other general purpose machinery manufacturing	3339	4.4	3.9	1.8	1.2	0.6	2.0
Computer and electronic product manufacturing	334	69.5	1.0	0.5	0.4	0.1	0.6

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 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	
Computer and peripheral equipment manufacturing	3341	13.6	0.3	0.1	0.1	(¹⁰)	0.1
Communications equipment manufacturing	3342	4.5	1.1	0.8	0.6	(¹⁰)	0.4
Audio and video equipment manufacturing	3343	3.6	1.3	(¹⁰)	(¹⁰)	(¹⁰)	0.9
Semiconductor and other electronic component manufacturing	3344	19.3	1.4	0.7	0.6	(¹⁰)	0.7
Navigational, measuring, electromedical, and control instruments manufacturing	3345	28.2	1.1	0.4	0.3	0.1	0.7
Navigational, measuring, electromedical, and control instruments manufacturing	33451	28.2	1.1	0.4	0.3	0.1	0.7
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	334511	5.6	1.1	0.7	0.4	(¹⁰)	0.4
Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	334513	5.0	0.9	0.5	(¹⁰)	(¹⁰)	0.4
Analytical laboratory instrument manufacturing	334516	5.6	1.8	0.5	0.4	(¹⁰)	1.3
Manufacturing and reproducing magnetic and optical media	3346	0.3	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Electrical equipment, appliance, and component manufacturing	335	11.7	3.6	1.7	0.9	0.7	2.0
Transportation equipment manufacturing	336	14.5	2.4	1.2	0.9	0.3	1.2
Furniture and related product manufacturing	337	5.6	6.0	3.5	2.2	1.3	2.5
Miscellaneous manufacturing	339	21.7	2.4	1.5	0.9	0.6	0.9
Medical equipment and supplies manufacturing	3391	10.9	1.7	1.0	0.6	0.4	0.8
Medical equipment and supplies manufacturing	33911	10.9	1.7	1.0	0.6	0.4	0.8
Surgical and medical instrument manufacturing	339112	6.2	1.4	0.7	0.4	0.3	0.7
Other miscellaneous manufacturing	3399	10.8	3.1	2.1	1.2	0.9	1.1
Service-providing		2,415.0	3.5	1.9	1.4	0.5	1.7
Trade, transportation, and utilities⁹		573.2	4.3	2.7	2.0	0.8	1.6
Wholesale trade	42	139.1	3.2	2.3	1.7	0.6	0.9
Merchant wholesalers, durable goods	423	62.3	3.1	2.0	1.5	--	1.1
Merchant wholesalers, nondurable goods	424	47.7	4.7	3.4	2.4	1.0	1.2
Drugs and druggists' sundries merchant wholesalers	4242	4.5	3.3	2.0	1.5	0.5	1.3
Grocery and related product merchant wholesalers	4244	17.8	4.6	3.7	2.7	1.0	0.9
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	3.9	10.5	8.2	6.1	2.1	2.3
Retail trade	44-45	352.2	4.3	2.3	1.7	0.6	2.0

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 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	
Motor vehicle and parts dealers	441	35.2	4.1	1.9	1.8	0.1	2.2
Furniture and home furnishings stores	442	12.5	3.8	2.2	1.7	0.4	1.6
Electronics and appliance stores	443	13.1	1.8	1.0	0.7	0.3	0.8
Building material and garden equipment and supplies dealers	444	26.9	4.5	2.8	1.7	1.1	1.7
Food and beverage stores	445	90.8	5.6	3.0	2.3	0.7	2.6
Grocery stores	4451	75.7	6.2	3.5	2.7	0.8	2.7
Health and personal care stores	446	27.6	2.8	--	--	(¹⁰)	--
Gasoline stations	447	11.7	5.6	4.5	4.5	(¹⁰)	1.2
Clothing and clothing accessories stores	448	42.1	3.0	0.7	0.5	--	2.3
General merchandise stores	452	43.2	6.3	3.7	2.6	1.1	2.6
Transportation and warehousing⁹	48-49	71.9	6.8	5.1	3.7	1.5	1.6
Air transportation	481	7.8	8.8	7.3	5.2	2.0	1.5
Rail transportation ⁹	482	--	3.6	2.5	2.4	(¹⁰)	1.1
Truck transportation	484	16.0	8.2	7.0	5.2	--	1.2
General freight trucking	4841	9.9	8.7	7.5	5.1	--	1.1
Specialized freight trucking	4842	6.1	7.3	6.1	5.4	0.7	1.2
Transit and ground passenger transportation	485	18.6	3.1	1.8	1.5	0.3	1.3
Support activities for transportation	488	6.6	5.1	2.9	2.6	0.3	2.1
Couriers and messengers	492	11.4	8.5	6.3	4.2	2.1	2.2
Warehousing and storage	493	9.2	9.5	7.0	3.9	3.1	2.4
Utilities	22	10.0	5.3	3.8	0.9	2.9	1.5
Utilities	221	10.0	5.3	3.8	0.9	2.9	1.5
Electric power generation, transmission and distribution	2211	6.7	3.6	2.6	0.6	2.1	1.0
Natural gas distribution	2212	2.7	8.5	6.7	1.7	5.0	1.8
Water, sewage and other systems	2213	0.5	10.0	2.7	(¹⁰)	--	--
Information		86.9	2.2	1.5	1.4	0.1	0.6
Information	51	86.9	2.2	1.5	1.4	0.1	0.6
Publishing industries (except Internet)	511	42.1	1.1	0.5	0.4	0.1	0.6
Newspaper, periodical, book, and directory publishers	5111	20.3	2.0	1.0	0.9	0.2	1.0

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 Average annual employment (000's) ⁴	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	
Newspaper publishers	51111	9.1	3.7	2.0	1.8	0.2	1.8
Telecommunications	517	19.5	5.8	4.9	4.5	0.4	0.9
Financial activities		221.7	0.9	0.5	0.5	0.1	0.4
Finance and insurance	52	179.4	0.4	0.2	0.2	(¹⁰)	0.2
Securities, commodity contracts, and other financial investments and related activities	523	49.3	0.4	(¹⁰)	(¹⁰)	(¹⁰)	0.3
Insurance carriers and related activities	524	65.4	0.4	0.1	0.1	(¹⁰)	0.3
Real estate and rental and leasing	53	42.3	3.6	2.4	2.1	0.3	1.2
Real estate	531	30.3	2.1	1.1	0.8	--	1.1
Rental and leasing services	532	11.4	7.4	5.9	5.5	0.5	1.4
Lessors of nonfinancial intangible assets (except copyrighted works)	533	0.6	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Professional and business services		494.0	1.6	0.8	0.7	0.1	0.8
Professional, scientific, and technical services	54	260.1	0.6	0.2	0.1	(¹⁰)	0.4
Professional, scientific, and technical services	541	260.1	0.6	0.2	0.1	(¹⁰)	0.4
Scientific research and development services	5417	42.8	0.9	0.4	0.3	0.1	0.5
Management of companies and enterprises	55	61.8	1.6	0.9	0.7	0.2	0.8
Administrative and support and waste management and remediation services	56	172.1	3.4	1.7	1.5	0.2	1.6
Administrative and support services	561	162.2	2.9	1.4	1.3	0.2	1.5
Waste management and remediation services	562	9.9	8.4	5.6	4.8	0.8	2.8
Education and health services		600.3	5.6	2.9	2.1	0.8	2.7
Educational services	61	125.6	3.8	1.7	1.2	0.5	2.1
Health care and social assistance	62	474.6	6.0	3.2	2.3	0.9	2.8

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 Average annual employment (000's) ⁴	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	
Ambulatory health care services	621	138.5	3.1	1.6	1.3	0.4	1.5
Hospitals	622	173.4	7.7	3.7	2.8	0.8	4.0
Nursing and residential care facilities	623	95.8	8.5	5.5	3.5	2.1	3.0
Social assistance	624	66.9	4.2	1.9	1.5	0.4	2.3
Leisure and hospitality		308.0	5.1	1.8	1.4	0.4	3.3
Arts, entertainment, and recreation	71	49.8	4.8	2.7	1.4	--	2.1
Accommodation and food services	72	258.2	5.2	1.7	1.4	0.3	3.5
Accommodation	721	34.3	5.8	2.8	2.2	0.6	3.1
Food services and drinking places	722	223.9	5.1	1.5	1.3	--	3.6
Other services		131.0	2.0	1.0	0.8	0.2	1.0
Other services, except public administration	81	131.0	2.0	1.0	0.8	0.2	1.0
Repair and maintenance	811	25.8	3.6	1.7	1.3	--	1.9
Personal and laundry services	812	37.6	1.0	0.8	0.6	0.2	0.2
Religious, grantmaking, civic, professional, and similar organizations	813	38.1	1.7	0.6	0.5	0.1	1.1
State and local government		363.0	4.1	2.4	1.9	0.4	1.8
State government		105.2	2.6	2.5	2.3	0.2	(¹⁰)
Service-providing		103.5	2.6	2.5	2.3	0.2	(¹⁰)
Education and health services		43.2	1.3	1.3	1.3	(¹⁰)	(¹⁰)
Educational services	61	--	--	--	--	--	--
Colleges, universities, and professional schools	6113	22.4	0.4	0.4	0.4	(¹⁰)	(¹⁰)
Health care and social assistance	62	12.3	3.2	3.2	3.2	(¹⁰)	(¹⁰)

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 Average annual employment (000's) ⁴	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	
Public administration		51.1	1.1	1.0	1.0	(¹⁰)	0.1
Public administration	92	51.1	1.1	1.0	1.0	(¹⁰)	0.1
Justice, public order, and safety activities	922	22.0	1.9	1.8	1.8	(¹⁰)	0.1
Justice, public order, and safety activities	9221	22.0	1.9	1.8	1.8	(¹⁰)	0.1
Courts	92211	8.9	0.8	0.8	0.8	(¹⁰)	(¹⁰)
Correctional institutions	92214	8.8	3.1	2.9	2.9	(¹⁰)	0.2
Local government		257.7	4.9	2.3	1.7	0.6	2.6
Service-providing		248.0	4.9	2.4	1.8	0.6	2.5
Trade, transportation, and utilities⁹		--	--	--	--	--	--
Utilities	22	--	--	--	--	--	--
Water, sewage and other systems	2213	2.2	--	8.1	7.8	--	8.1
Education and health services		163.6	3.9	1.2	0.9	0.2	2.8
Educational services	61	160.6	3.4	1.2	0.9	0.2	2.2
Educational services	611	160.6	3.4	1.2	0.9	0.2	2.2
Elementary and secondary schools	6111	160.3	3.4	1.2	0.9	0.2	2.2
Public administration		67.3	6.6	5.0	3.6	--	--
Public administration	92	67.3	6.6	5.0	3.6	--	--
Justice, public order, and safety activities	922	37.3	8.2	5.4	5.1	0.3	--

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2008 -- Continued

Massachusetts

Industry ²	NAICS code ³	2008 Average annual employment (000's) ⁴	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	
Justice, public order, and safety activities	9221	37.3	8.2	5.4	5.1	0.3	--
Police protection	92212	19.8	4.3	3.7	3.4	--	--
Fire protection	92216	14.5	13.3	7.7	7.3	--	--

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 Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.