

State of Massachusetts

Traumatic Occupational Fatalities (1980-1995):

Number: 990

Rate: 2.1 per 100,000 workers

Leading Causes of Death (1980-1995):

Motor Vehicle - 227

Fall - 187

Industries with the Highest Number and Rate of Traumatic Occupational Fatalities (1983-1995):

Number: Construction - 200

Rate: Agriculture/Forestry/Fisheries - 12.1 per 100,000 workers

Occupations with the Highest Number and Rate of Traumatic Occupational Fatalities (1983-1995):

Number: Precision Production/Craft/Repair - 205

Rate: Farming/Forestry/Fishing - 10.4 per 100,000 workers

Table MA-1. Number and Rate (per 100,000 workers) of Traumatic Occupational Fatalities by Year, Massachusetts, 1980-1995.

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	68	2.4
1981	73	2.6
1982	61	2.2
1983	61	2.2
1984	20	0.7
1985	72	2.4
1986	79	2.7
1987	81	2.7
1988	59	1.9
1989	74	2.4
1990	62	2.0
1991	62	2.2
1992	40	1.4
1993	65	2.2
1994	54	1.8
1995	59	2.0
Total	990	2.1

Table MA-2. Number^{*†} and Rate[‡] (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Sex, Race, and Age Group, Massachusetts, 1980-1995.

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	937	3.7	339	3.6	337	4.2	261	3.4
Female	52	0.2	16	0.2	18	0.3	18	0.3
Race								
White	902	2.0	320	2.0	331	2.3	251	1.8
Black	48	2.9	16	2.9	15	3.0	17	2.9
Other	25	3.0	6	3.8	7	2.3	12	3.3
Age Group								
16-17	11	0.9	5	0.9	6	1.5	---	---
18-19	30	1.8	14	1.9	10	1.8	6	1.5
20-24	105	1.8	47	1.9	40	2.2	18	1.2
25-34	256	1.9	94	2.0	85	2.0	77	1.9
35-44	203	1.9	58	1.7	72	2.0	73	1.9
45-54	175	2.3	58	2.2	66	2.9	51	1.8
55-64	144	2.8	59	2.8	51	3.2	34	2.4
65+	66	4.8	20	4.3	25	5.8	21	4.5

*Numbers not reported for cells with less than 3 deaths.

†Numbers not reported for “unknown” categories.

‡Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.

Table MA-3. *Number and Average Annual Rate* (per 100,000 workers) of Traumatic Occupational Fatalities by Cause of Death, Massachusetts, 1980-1995.*

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	227	0.5
Fall	187	0.4
Homicide	92	0.2
Electrocution	66	0.1
Machine	62	0.1
Struck by Falling Object	49	0.1
Suicide	42	0.1
Flying Object/Caught In	33	0.1
Air Transport	26	0.1
Water Transport	24	0.1
Explosion	22	< 0.1
Fire	20	< 0.1
Nature/Environment	13	< 0.1
Poisoning	11	< 0.1
Suffocation	11	< 0.1
Drowning	10	< 0.1
Rail Transport	9	< 0.1
Other	73	0.2
Unknown\Undetermined	13	---

*Rates not calculated for “unknown” or “not classified” categories.

Table MA-4. Number^{*†} and Rate^{‡§} (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Massachusetts, 1983-1995.

INDUSTRY/ OCCUPATION DIVISION	Total		YEAR OF DEATH					
			1983-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Industry Division								
Ag/For/Fish	46	12.1	8	9.7	14	8.7	24	17.8
Mining	3	---	---	---	---	---	---	---
Construction	200	9.3	33	7.0	98	10.5	69	9.2
Manufacturing	113	1.5	22	1.0	55	1.8	36	1.5
Trans/Comm/PU	122	5.2	23	4.4	59	6.3	40	4.6
Wholesale Trade	19	1.4	3	1.0	9	1.7	7	1.4
Retail Trade	65	1.1	15	1.1	25	1.1	25	1.0
Finance/Insur/RE	12	0.4	---	---	---	---	5	0.4
Services	107	0.8	26	0.9	42	0.8	39	0.7
Public Admin	66	4.3	12	3.4	27	4.6	27	4.6
Not Classified	35	---	9	---	20	---	6	---
Occupation Division								
Exec/Adm/Mgr	55	1.0	14	1.4	20	0.9	21	0.9
Prof/Spec	48	0.7	10	0.8	18	0.7	20	0.7
Tech/Support	16	1.1	4	1.2	6	1.1	6	1.1
Sales	49	1.1	10	1.1	22	1.2	17	1.0
Clerical	28	0.4	---	---	---	---	15	0.6
Service	89	1.8	19	1.6	33	1.8	37	1.9
Farm/For/Fish	43	10.4	8	8.5	15	8.9	20	13.4
Crafts	205	5.1	38	3.8	98	5.9	69	5.0
Mach Operators	33	1.4	7	1.0	16	1.7	10	1.4
Transport	117	9.9	20	7.0	64	13.8	33	7.6
Laborers	75	6.1	13	4.1	36	7.9	26	5.8
Not Classified	30	---	8	---	16	---	6	---

*Numbers not reported for cells with less than 3 deaths.

†Numbers and rates not reported for some cells with 3 or more deaths to meet confidentiality requirements.

‡Rates not calculated for "unknown" or "not classified" categories.

§Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.

Table MA-5. Number* and Average Annual Rate^{†‡} (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Industry Groupings, Massachusetts, 1983-1995.

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	9	9.1	Food Stores	6	0.5
Ag Services	19	8.6	Motor Veh/Auto Supply Dealer	7	1.3
Forestry & Fisheries	18	30.9	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	17	1.0
Metal/Coal/Nonmetal Mining	3	---	Other Retail Trade	35	1.5
Oil and Gas Extraction	---	---	Finance/Insur/RE		
Construction	200	9.3	Banking and Other Finance	5	0.4
Manufacturing			Insurance and Real Estate	7	0.4
Food & Kindred Prod	15	4.9	Services		
Textile Mill Prod	---	---	Business Services	18	1.0
Apparel & Other Textile Pr	---	---	Automobile and Repair Services	23	4.4
Paper & Allied Products	5	1.6	Private Household Services	---	---
Printing/Publishing/Allied	5	0.7	Pers Serv Exc Priv Household	12	1.3
Chemical/Petroleum/Rubber	13	2.3	Entertainment & Rec Services	7	1.7
Lumber & Wood	9	13.4	Hospitals	10	0.5
Furniture	---	---	Health Services, Exc Hosp	4	0.2
Stone/Clay/Concrete	4	2.6	Educational Services	19	0.6
Primary Metals	5	3.3	Other Professional Services	14	0.5
Fabricated Metals	6	1.3	Public Admin		
Mach, Ex Elect	5	0.3	Justice, Pub Order, & Safety	46	6.9
Elect Mach, Equip Supplies	7	0.6	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	---	---	National Sec/Internal Affairs	---	---
Aircraft & Parts	3	1.9	Other Pub Admin	17	3.5
Other Transport Equip	5	2.1	Not Classified	35	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	26	7.6			
Trans/Comm/PU					
Trucking/Warehousing/Storage	51	11.1			
Other Transportation	41	4.4			
Telephone Communications	6	1.5			
Other Communications	4	3.5			
Electric Light and Power	8	3.7			
Other Utility/Sanitary Service	12	5.7			
Wholesale Trade	19	1.4			

*Numbers not reported for cells with less than 3 deaths.

†Rates not calculated for “unknown” or “not classified” categories.

‡Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.

Table MA-6. Number* and Average Annual Rate (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Massachusetts, 1983-1995.**

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	---	---	Private Household Service Occupations	---	---
Other Executive, Admin & Managerial	50	1.4	Protective Service	51	7.0
Management Related Occupations	3	0.2	Food Service	13	0.7
Prof/Spec			Health Service	---	---
Engineers	17	1.7	Cleaning and Building Service	21	2.4
Mathematical and Computer Scientists	---	---	Personal Service	---	---
Natural Scientists	6	3.3	Farm/For/Fish		
Health Diagnosing Occupations	3	0.8	Farm Operators and Managers	8	11.6
Health Assessment and Treatment Occupations	---	---	Farm Workers and Related Occupations	15	5.2
Teachers, College and University	---	---	Forestry and Fishing Occupations	20	35.0
Teachers, Except College and University	7	0.5	Crafts		
Lawyers and Judges	---	---	Mechanics and Repairers	41	3.5
Other Professional Specialty Occupations	10	0.7	Construction Trades	133	8.7
Tech/Support			Other Precision Production, Craft, and Repair	31	2.4
Health Technologists and Technicians	3	0.6	Mach Operators		
Engineering and Science Technicians	4	0.9	Machine Operators/Tenders, Except Precision	25	1.6
Technicians, Exc Health/Engineering/Science	9	1.9	Fabricators, Assemblers, Inspectors, Samplers	8	1.0
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	32	2.8	Motor Vehicle Operators	90	9.4
Sales Reps, Finance and Business Services	3	0.4	Other Transport and Material Moving Occ	27	11.8
Sales Reps, Commodities, Except Retail	---	---	Laborers		
Sales Workers, Retail & Personal Services	13	0.7	Construction Laborers	47	27.3
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	4	0.8
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	24	4.4
Supervisors, Administrative Support	---	---	Other or Not Classified	30	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	---	---			
Financial Records Processing	---	---			
Mail and Message Distribution	6	1.7			
Other Admin. Support, Including Clerical	17	0.6			

*Numbers not reported for cells with less than 3 deaths.

**Rates not calculated for "unknown" or "not classified" categories.

†Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.