



MA Opioid-Related EMS Incidents 2013-2021

Massachusetts Department of Public Health

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Enhancement of Opioid Overdose Surveillance

MATRIS, the Massachusetts Ambulance Trip Reporting Information System, is a statewide database for collecting emergency medical service (EMS) data from licensed ambulance services. It was not specifically designed to track opioid overdose incidents. DPH is currently working with all EMS providers to improve the quality and completeness of these data especially with respect to opioid overdose incidents. To more accurately identify ambulance trips that are opioid-related, several pieces of information from MATRIS are combined such as: a notation that a trip was listed as a poisoning, that there was an administration of naloxone, or that the patient admitted to drug use. In combination, this information allows DPH to count opioid overdose incidents more accurately. Not all ambulance services have reported their most recent data at the time this report was generated, and therefore the numbers cited here may be underestimates. Beginning with the August 2017 report, incidents are only among people ages 11 and above. This report documents all opioid-related incidents in Massachusetts, defined as 911 calls in which opioids are involved; not all incidents are clinical overdoses and not all are nonfatal. Starting with this report, the MATRIS section will provide additional information on five severity categories: dead on arrival (of opioid overdose), acute opioid overdose, opioid intoxicated, opioid withdrawal, and other opioid-related incident. All opioid-related incidents are sorted into one of the five categories as determined by the patient’s listed complaints, the EMS provider’s impressions, the narrative report details of the incident and treatments, the presence of naloxone administration and the patient’s response to it, and the patient’s disposition (their treatment and transport status).

Results

The percentage of EMS incidents that are considered opioid-related (Figure 1) increased on average 25.6% per year from 2013 until 2016 and then began decreasing 3.3% per year through the end of 2021. The number of all EMS incidents involving naloxone administration (Figure 4) increased on average 31.1% per year from 2013 until 2016 and then began decreasing 1.8% per year through the end of 2021. In 2021, the greatest number of suspected opioid-related incidents treated by EMS continued to be among males aged 25-34, accounting for 21% of opioid-related incidents with a known age and sex; the second greatest number of suspected opioid-related incidents were among males aged 35-44, accounting for 20% of opioid-related incidents with a known age and sex. In 2021, 55.3% of all Opioid-Related Incidents were categorized as Acute Opioid Overdose Incidents, 20.4% were categorized as Other Opioid-Related Incidents, 18.1% were categorized as Opioid Intoxicated Incidents, 4.6% were categorized as Opioid Withdrawal Incidents, and 1.6% were categorized as Dead on Arrival Incidents.

All Suspected Opioid Related Incidents by Sex: 2013								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	10	917	2,039	1,046	896	492	169	5,569
Female	8	627	1,127	619	523	295	214	3,413
Total	18	1,544	3,166	1,665	1,419	787	383	8,982

All Suspect Opioid Related Incidents by Sex: 2014								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	1,477	3,525	1,674	1,334	690	253	8,953*
Female	(1-4)	925	1,683	872	783	351	257	4,871*
Total	6	2,402	5,208	2,546	2,117	1,041	510	13,830

*Total of non-suppressed numbers

All Suspected Opioid Related Incidents by Sex: 2015								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	1,738	4,780	2,570	1,818	894	296	12,096*
Female	8	968	2,364	1,169	922	477	301	6209
Total	±	2,706	7,144	3,739	2,740	1,371	597	18,305*

±Complementary Suppression; *Total of non-suppressed numbers

All Suspected Opioid Related Incidents by Sex: 2016								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	5	1,775	5,976	3,370	2,309	1,309	416	15,160
Female	6	1,013	2,924	1,561	1,049	620	315	7,488
Total	11	2,788	8,900	4,931	3,358	1,929	731	22,659

All Suspected Opioid Related Incidents by Sex: 2017								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	5	1,493	6,224	3,650	2,500	1,366	479	15,717
Female	(1-4)	950	2,909	1,753	1,101	731	362	7,806*
Total	±	2,443	9,133	5,403	3,601	2,097	841	23,523*

±Complementary Suppression; *Total of non-suppressed numbers

All Suspected Opioid Related Incidents by Sex: 2018								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	1,383	5,798	3,978	2,609	1,497	542	15,807*
Female	(1-4)	706	2,900	1,782	1,043	738	374	7,543*
Total	(1-4)	2,089	8,698	5,760	3,652	2,235	916	23,350*

*Total of non-suppressed numbers

All Suspected Opioid Related Incidents by Sex: 2019								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	906	4,964	3,809	2,581	1,527	537	14,324*
Female	(1-4)	545	2,454	1,760	1,039	629	387	6,814*
Total	(1-4)	1,451	7,418	5,569	3,620	2,156	924	21,138*

*Total of non-suppressed numbers

All Suspected Opioid Related Incidents by Sex: 2020								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	925	4,643	4,130	2,461	1,648	578	14,385*
Female	(1-4)	491	2,046	1,737	1,020	701	373	6,368*
Total	(1-4)	1,416	6,689	5,867	3,481	2,349	951	20,753*
*Total of non-suppressed numbers								

All Suspected Opioid Related Incidents by Sex: 2021								
	11-14	15-24	25-34	35-44	45-54	55-64	65+	Total
Male	(1-4)	884	4,691	4,473	2,643	1,928	747	15,366*
Female	(1-4)	536	1,972	1,962	986	794	478	6,728*
Total	6	1,420	6,663	6,435	3,629	2,722	1,225	22,100
*Total of non-suppressed numbers								

ORI Severity Category	All Suspected Opioid Related Incidents by Severity Category												Total
	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sept 2021	Oct 2021	Nov 2021	Dec 2021	
DOA Incidents	34	27	40	33	31	22	27	31	20	28	35	31	359
DOA %	2.0%	1.7%	2.2%	1.8%	1.6%	1.2%	1.3%	1.5%	1.0%	1.5%	2.1%	1.8%	1.6%
Acute Overdose Incidents	868	846	979	968	1,047	1,014	1,183	1,158	1,162	1,106	987	1,000	12,318
Acute Overdose %	51.1%	54.4%	52.8%	54.2%	54.5%	53.5%	55.8%	56.1%	57.4%	57.7%	58.0%	58.2%	55.3%
Opioid Intoxicated Incidents	353	276	364	331	367	365	367	369	363	338	265	269	4,027
Opioid Intoxicated %	20.8%	17.8%	19.6%	18.5%	19.1%	19.3%	17.3%	17.9%	17.9%	17.6%	15.6%	15.7%	18.1%
Opioid Withdrawal Incidents	75	72	98	85	82	91	108	97	69	82	81	82	1,022
Opioid Withdrawal %	4.4%	4.6%	5.3%	4.8%	4.3%	4.8%	5.1%	4.7%	3.4%	4.3%	4.8%	4.8%	4.6%
Other Opioid-Related Incidents	369	333	374	369	393	404	435	410	412	363	335	335	4,532
Other Opioid-Related %	21.7%	21.4%	20.2%	20.7%	20.5%	21.3%	20.5%	19.9%	20.3%	18.9%	19.7%	19.5%	20.4%
Total	1,699	1,554	1,855	1,786	1,920	1,896	2,120	2,065	2,026	1,917	1,703	1,717	22,258

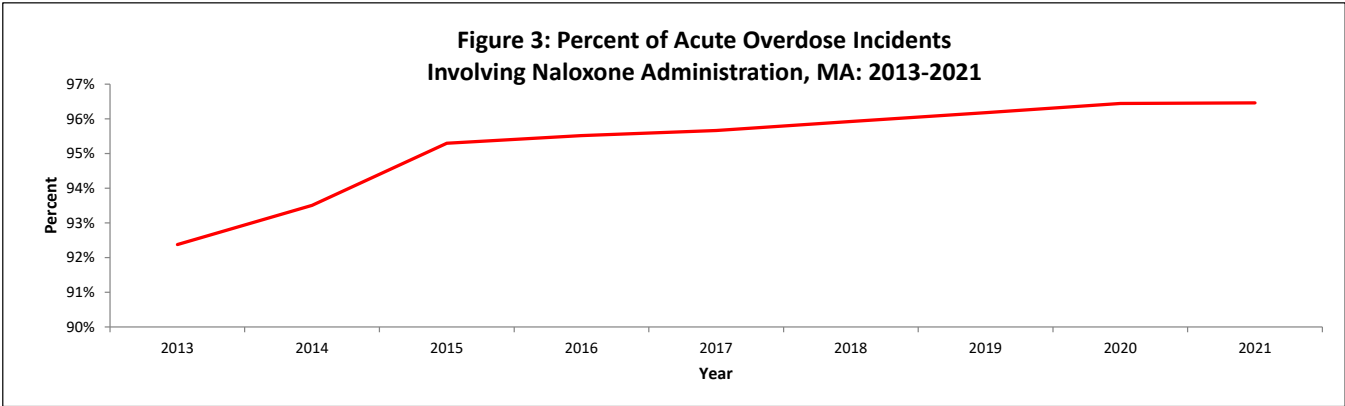
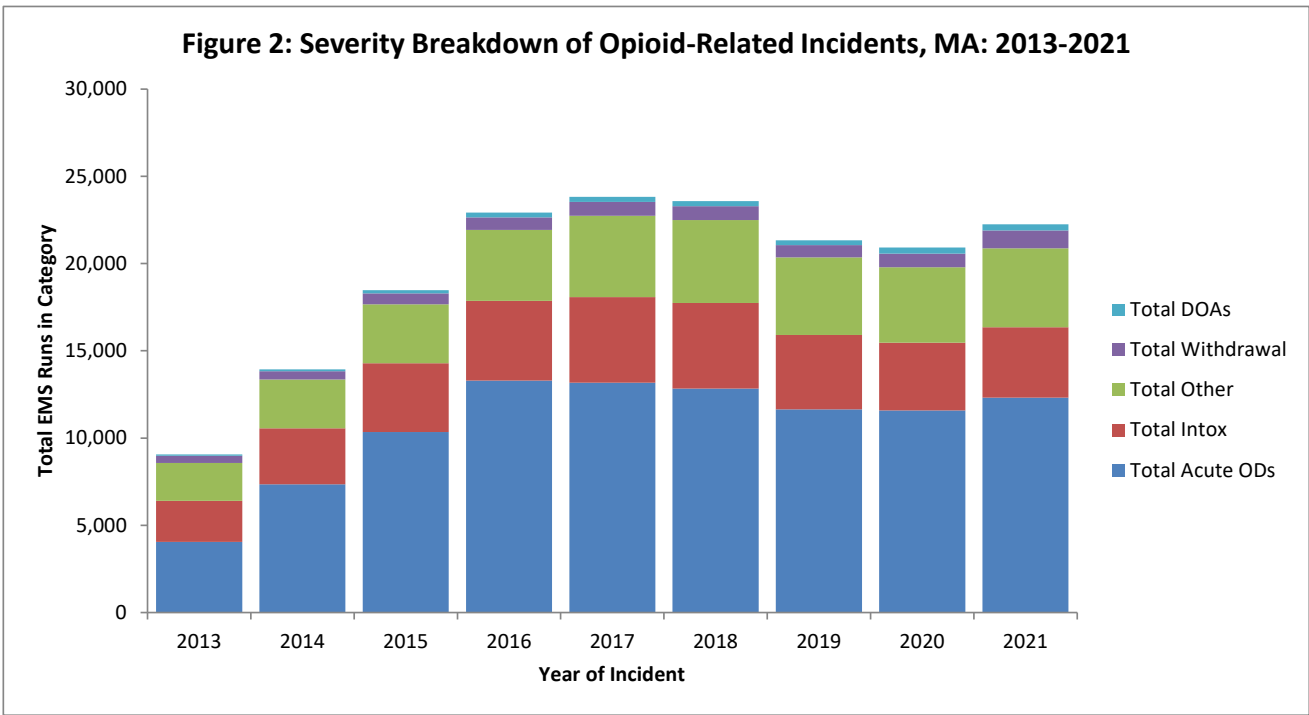
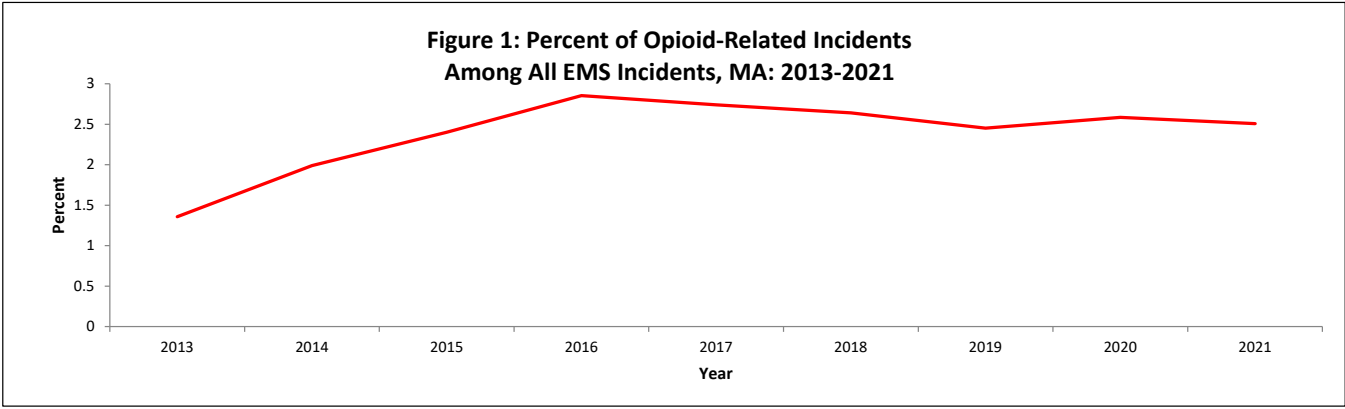
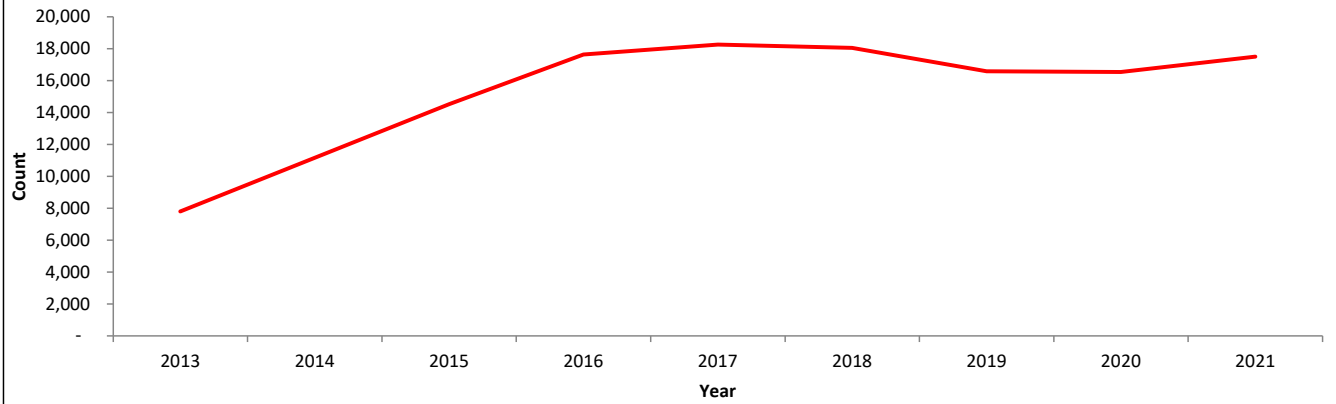


Figure 4: Count of All EMS Incidents Involving Naloxone Administration, MA: 2013-2021



All Suspected Opioid-Related Incidents by Town Where Incident Occurred in MA, 2020-2021

The counts in this table reflect the town in which the incident occurred (not the city/town of residence as shown in the table of deaths by city/town). † indicates no opioid related incidents were recorded, which may be due to non-reporting by EMS services or no incidents occurring. * indicates complementary suppression of the next smallest count was applied if only one count was between 1 and 4. (1-4) indicates the cell value was between 1 and 4.

City/Town	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Abington	10	(1-4)	8	*	28	8	9	8	10	35
Acton	†	(1-4)	(1-4)	(1-4)	10	(1-4)	(1-4)	5	(1-4)	14
Acushnet	8	9	7	10	34	7	5	5	7	24
Adams	7	8	9	5	29	11	8	10	5	34
Agawam	13	23	16	20	72	15	11	20	18	64
Alford	†	†	†	†	†	†	†	†	†	†
Amesbury	8	12	10	7	37	7	(1-4)	*	6	19
Amherst	11	*	5	(1-4)	23	7	(1-4)	10	*	26
Andover	*	18	20	(1-4)	51	15	15	11	11	52
Aquinnah	†	†	†	†	†	†	†	†	†	†
Arlington	12	7	7	8	34	10	15	14	14	53
Ashburnham	(1-4)	(1-4)	(1-4)	7	12	(1-4)	†	(1-4)	(1-4)	9
Ashby	(1-4)	(1-4)	(1-4)	†	(1-4)	†	(1-4)	(1-4)	(1-4)	6
Ashfield	†	†	†	(1-4)	(1-4)	†	†	(1-4)	†	(1-4)
Ashland	(1-4)	7	5	(1-4)	18	(1-4)	5	8	(1-4)	18
Athol	19	23	10	10	62	18	23	19	7	67
Attleboro	27	14	29	16	86	†	†	(1-4)	(1-4)	(1-4)
Auburn	7	12	7	12	38	(1-4)	*	18	14	49
Avon	(1-4)	5	(1-4)	(1-4)	15	7	(1-4)	6	(1-4)	18
Ayer	(1-4)	7	(1-4)	6	18	10	11	*	(1-4)	29
Barnstable	54	46	48	48	196	50	44	76	43	213
Barre	6	5	6	6	23	7	(1-4)	(1-4)	(1-4)	15
Becket	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)
Bedford	8	5	8	7	28	(1-4)	7	(1-4)	8	20
Belchertown	10	(1-4)	5	(1-4)	23	(1-4)	(1-4)	6	(1-4)	16
Bellingham	10	(1-4)	6	(1-4)	20	5	6	5	12	28
Belmont	6	(1-4)	(1-4)	(1-4)	12	(1-4)	6	(1-4)	7	18
Berkley	†	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	†	(1-4)	8
Berlin	*	†	(1-4)	†	7	†	(1-4)	(1-4)	(1-4)	9
Bernardston	(1-4)	(1-4)	†	†	(1-4)	†	(1-4)	†	†	(1-4)
Beverly	26	24	27	12	89	20	15	24	16	75
Billerica	18	10	11	10	49	14	13	10	23	60
Blackstone	5	(1-4)	(1-4)	5	14	(1-4)	(1-4)	(1-4)	5	11
Blandford	†	†	†	†	†	†	†	†	†	†
Bolton	(1-4)	†	†	(1-4)	(1-4)	(1-4)	†	†	(1-4)	(1-4)
Boston	718	922	897	747	3284	851	914	1010	819	3594

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City/Town	<u>2020</u>					<u>2021</u>				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Bourne	11	15	18	13	57	18	11	23	13	65
Boxborough	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	†	†	(1-4)
Boxford	†	(1-4)	†	†	(1-4)	†	(1-4)	†	†	(1-4)
Boylston	†	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	6
Braintree	18	17	20	27	82	20	17	25	19	81
Brewster	(1-4)	(1-4)	(1-4)	(1-4)	12	†	(1-4)	(1-4)	(1-4)	6
Bridgewater	19	9	10	18	56	12	7	16	11	46
Brimfield	†	5	(1-4)	(1-4)	7	(1-4)	†	(1-4)	(1-4)	6
Brockton	141	119	119	103	482	88	126	129	132	475
Brookfield	(1-4)	(1-4)	(1-4)	(1-4)	12	(1-4)	(1-4)	(1-4)	(1-4)	9
Brookline	9	*	8	(1-4)	28	8	8	13	7	36
Buckland	†	†	†	†	†	†	(1-4)	†	†	(1-4)
Burlington	9	*	9	(1-4)	27	9	(1-4)	(1-4)	6	20
Cambridge	63	77	107	75	322	143	123	124	114	504
Canton	10	(1-4)	*	9	30	7	7	11	10	35
Carlisle	†	†	(1-4)	(1-4)	(1-4)	†	(1-4)	†	†	(1-4)
Carver	(1-4)	*	9	7	24	9	7	14	12	42
Charlemont	†	*	(1-4)	†	8	†	†	(1-4)	†	(1-4)
Charlton	(1-4)	6	8	(1-4)	16	(1-4)	(1-4)	5	(1-4)	9
Chatham	(1-4)	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	8
Chelmsford	16	9	7	12	44	13	7	12	18	50
Chelsea	24	28	43	35	130	51	60	39	50	200
Cheshire	(1-4)	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	(1-4)	†	6
Chester	†	(1-4)	†	†	(1-4)	†	†	†	(1-4)	(1-4)
Chesterfield	†	(1-4)	†	†	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)
Chicopee	69	86	71	66	292	68	103	87	90	348
Chilmark	†	†	(1-4)	†	(1-4)	†	(1-4)	†	†	(1-4)
Clarksburg	†	†	†	†	†	†	†	†	†	†
Clinton	10	*	(1-4)	5	22	6	6	16	14	42
Cohasset	(1-4)	†	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	8
Colrain	†	†	†	(1-4)	(1-4)	†	†	†	†	†
Concord	(1-4)	(1-4)	(1-4)	(1-4)	9	(1-4)	(1-4)	(1-4)	6	15
Conway	†	†	†	†	†	†	†	†	(1-4)	(1-4)
Cummington	†	†	†	(1-4)	(1-4)	†	†	†	†	†
Dalton	†	7	(1-4)	(1-4)	12	5	5	(1-4)	(1-4)	16
Danvers	21	34	49	39	143	45	39	40	33	157

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City/Town	<u>2020</u>					<u>2021</u>				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Dartmouth	20	19	40	27	106	22	42	39	23	126
Dedham	16	15	13	14	58	14	9	5	10	38
Deerfield	(1-4)	†	†	(1-4)	(1-4)	(1-4)	(1-4)	†	(1-4)	5
Dennis	8	7	(1-4)	(1-4)	22	5	9	12	15	41
Dighton	(1-4)	(1-4)	(1-4)	(1-4)	5	(1-4)	†	†	(1-4)	(1-4)
Douglas	(1-4)	(1-4)	(1-4)	(1-4)	9	(1-4)	(1-4)	(1-4)	(1-4)	9
Dover	†	†	†	†	†	†	†	(1-4)	†	(1-4)
Dracut	14	12	14	7	47	11	10	7	17	45
Dudley	7	8	8	8	31	(1-4)	(1-4)	11	6	23
Dunstable	(1-4)	(1-4)	†	(1-4)	5	†	†	†	†	†
Duxbury	(1-4)	(1-4)	(1-4)	(1-4)	11	(1-4)	5	(1-4)	5	16
East Bridgewater	5	7	(1-4)	(1-4)	17	5	(1-4)	6	(1-4)	16
East Brookfield	†	(1-4)	(1-4)	(1-4)	6	(1-4)	(1-4)	(1-4)	†	5
East Longmeadow	(1-4)	(1-4)	10	6	19	10	10	*	(1-4)	28
Eastham	(1-4)	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	(1-4)	(1-4)	10
Easthampton	11	6	9	5	31	17	10	11	10	48
Easton	7	*	7	(1-4)	21	12	11	10	10	43
Edgartown	(1-4)	(1-4)	(1-4)	†	(1-4)	†	(1-4)	†	(1-4)	(1-4)
Egremont	†	†	†	†	†	†	†	†	†	†
Erving	(1-4)	(1-4)	†	†	(1-4)	†	†	(1-4)	†	(1-4)
Essex	(1-4)	(1-4)	(1-4)	†	5	†	(1-4)	(1-4)	(1-4)	(1-4)
Everett	30	30	37	36	133	43	39	57	33	172
Fairhaven	19	17	7	13	56	22	21	13	6	62
Fall River	189	206	246	205	846	181	225	264	196	866
Falmouth	33	45	36	38	152	32	14	37	25	108
Fitchburg	54	65	62	59	240	22	89	89	85	285
Florida	†	†	†	†	†	†	†	†	†	†
Foxborough	15	15	12	14	56	14	12	12	7	45
Framingham	47	24	37	29	137	30	31	48	38	147
Franklin	8	5	13	9	35	14	12	9	8	43
Freetown	(1-4)	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	(1-4)	(1-4)	9
Gardner	20	22	39	16	97	31	20	26	45	122
Georgetown	(1-4)	(1-4)	(1-4)	(1-4)	10	(1-4)	(1-4)	†	(1-4)	8
Gill	(1-4)	†	(1-4)	†	(1-4)	†	†	(1-4)	†	(1-4)
Gloucester	19	19	26	20	84	18	21	25	19	83
Goshen	†	†	(1-4)	†	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)

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City/Town	<u>2020</u>					<u>2021</u>				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Gosnold	†	†	†	†	†	†	†	†	†	†
Grafton	6	9	(1-4)	*	21	8	6	(1-4)	(1-4)	19
Granby	(1-4)	(1-4)	(1-4)	(1-4)	7	(1-4)	(1-4)	6	(1-4)	13
Granville	†	†	(1-4)	†	(1-4)	(1-4)	†	†	†	(1-4)
Great Barrington	8	*	(1-4)	8	24	*	10	6	(1-4)	25
Greenfield	24	34	29	29	116	22	26	38	20	106
Groton	(1-4)	†	†	(1-4)	5	(1-4)	(1-4)	†	†	5
Groveland	(1-4)	†	(1-4)	(1-4)	5	(1-4)	†	(1-4)	(1-4)	9
Hadley	(1-4)	(1-4)	7	(1-4)	17	(1-4)	5	(1-4)	9	19
Halifax	(1-4)	(1-4)	5	6	14	(1-4)	(1-4)	9	(1-4)	18
Hamilton	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	5
Hampden	7	(1-4)	(1-4)	(1-4)	17	(1-4)	†	†	†	(1-4)
Hancock	†	†	†	†	†	†	†	†	†	†
Hanover	(1-4)	(1-4)	(1-4)	5	11	(1-4)	(1-4)	(1-4)	†	6
Hanson	(1-4)	(1-4)	†	†	5	(1-4)	(1-4)	(1-4)	6	9
Hardwick	(1-4)	(1-4)	(1-4)	†	5	(1-4)	(1-4)	(1-4)	†	5
Harvard	†	(1-4)	(1-4)	(1-4)	5	(1-4)	†	†	(1-4)	(1-4)
Harwich	*	6	(1-4)	7	21	*	9	10	(1-4)	29
Hatfield	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)	†	†	(1-4)	(1-4)
Haverhill	73	53	67	58	251	69	73	81	62	285
Hawley	†	†	†	†	†	†	†	†	†	†
Heath	†	†	†	†	†	†	†	†	†	†
Hingham	(1-4)	†	(1-4)	(1-4)	5	(1-4)	(1-4)	(1-4)	6	15
Hinsdale	(1-4)	(1-4)	†	†	(1-4)	†	†	(1-4)	†	(1-4)
Holbrook	6	10	5	11	32	10	10	8	6	34
Holden	6	(1-4)	7	*	19	(1-4)	8	(1-4)	5	19
Holland	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	†	(1-4)
Holliston	(1-4)	†	5	(1-4)	9	(1-4)	(1-4)	(1-4)	(1-4)	12
Holyoke	150	124	159	83	516	102	170	124	97	493
Hopedale	(1-4)	(1-4)	(1-4)	(1-4)	9	(1-4)	(1-4)	†	†	(1-4)
Hopkinton	(1-4)	†	(1-4)	(1-4)	8	(1-4)	(1-4)	(1-4)	†	9
Hubbardston	(1-4)	†	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	†	5
Hudson	†	6	7	7	20	14	9	*	(1-4)	30
Hull	6	10	5	7	28	(1-4)	(1-4)	(1-4)	7	14
Huntington	(1-4)	(1-4)	(1-4)	†	(1-4)	†	†	†	(1-4)	(1-4)
Ipswich	(1-4)	(1-4)	(1-4)	(1-4)	11	(1-4)	(1-4)	(1-4)	(1-4)	14

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City/Town	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Kingston	(1-4)	(1-4)	9	5	19	5	(1-4)	(1-4)	(1-4)	12
Lakeville	19	16	29	26	90	34	*	(1-4)	†	61
Lancaster	(1-4)	*	5	†	14	*	5	(1-4)	5	17
Lanesborough	†	5	6	†	11	5	(1-4)	(1-4)	(1-4)	15
Lawrence	118	114	128	121	481	82	88	104	75	349
Lee	(1-4)	(1-4)	(1-4)	(1-4)	10	(1-4)	5	(1-4)	(1-4)	15
Leicester	7	*	6	(1-4)	23	7	(1-4)	5	(1-4)	19
Lenox	(1-4)	6	5	(1-4)	16	(1-4)	(1-4)	(1-4)	8	17
Leominster	19	19	30	34	102	38	38	37	33	146
Leverett	†	†	†	(1-4)	(1-4)	†	†	†	†	†
Lexington	(1-4)	(1-4)	†	(1-4)	5	(1-4)	(1-4)	(1-4)	(1-4)	13
Leyden	†	†	†	†	†	†	†	†	†	†
Lincoln	†	†	(1-4)	†	(1-4)	†	†	(1-4)	†	(1-4)
Littleton	†	†	†	†	†	†	†	(1-4)	†	(1-4)
Longmeadow	†	†	(1-4)	(1-4)	6	(1-4)	(1-4)	(1-4)	†	8
Lowell	124	175	172	123	594	161	168	213	166	708
Ludlow	16	25	12	12	65	18	14	10	14	56
Lunenburg	†	(1-4)	(1-4)	†	(1-4)	(1-4)	6	(1-4)	(1-4)	13
Lynn	126	86	136	98	446	81	137	156	152	526
Lynnfield	(1-4)	(1-4)	(1-4)	(1-4)	8	†	5	(1-4)	(1-4)	11
Malden	25	31	36	44	136	52	44	49	45	190
Manchester	†	(1-4)	†	†	(1-4)	†	†	(1-4)	†	(1-4)
Mansfield	(1-4)	7	15	*	32	10	6	10	9	35
Marblehead	(1-4)	(1-4)	9	(1-4)	18	(1-4)	(1-4)	(1-4)	(1-4)	9
Marion	(1-4)	†	(1-4)	†	5	†	†	(1-4)	†	(1-4)
Marlborough	16	19	25	17	77	27	24	34	18	103
Marshfield	12	7	13	11	43	6	16	5	7	34
Mashpee	*	10	12	(1-4)	33	(1-4)	(1-4)	(1-4)	(1-4)	8
Mattapoisett	(1-4)	(1-4)	(1-4)	(1-4)	7	*	†	(1-4)	†	6
Maynard	(1-4)	(1-4)	(1-4)	(1-4)	6	5	5	(1-4)	(1-4)	16
Medfield	†	5	†	†	5	†	(1-4)	(1-4)	†	7
Medford	34	29	28	23	114	28	39	15	34	116
Medway	*	8	(1-4)	6	21	(1-4)	5	(1-4)	†	11
Melrose	9	*	9	(1-4)	29	*	6	(1-4)	6	22
Mendon	†	(1-4)	†	(1-4)	6	(1-4)	(1-4)	(1-4)	(1-4)	12
Merrimac	†	(1-4)	(1-4)	†	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)

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City/Town	<u>2020</u>					<u>2021</u>				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Methuen	32	35	33	26	126	22	22	34	28	106
Middleborough	†	(1-4)	(1-4)	(1-4)	5	(1-4)	14	21	*	50
Middlefield	†	†	†	†	†	(1-4)	†	(1-4)	†	(1-4)
Middleton	5	(1-4)	(1-4)	(1-4)	17	6	7	6	8	27
Milford	8	*	11	(1-4)	29	7	23	16	7	53
Millbury	12	14	15	9	50	5	10	13	12	40
Millis	(1-4)	(1-4)	5	(1-4)	12	(1-4)	5	(1-4)	5	13
Millville	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	†	(1-4)	6
Milton	9	(1-4)	7	*	25	(1-4)	(1-4)	(1-4)	(1-4)	12
Monroe	†	†	†	†	†	†	†	†	†	†
Monson	(1-4)	(1-4)	7	(1-4)	14	(1-4)	(1-4)	(1-4)	5	11
Montague	7	12	9	5	33	10	11	9	5	35
Monterey	†	†	(1-4)	†	(1-4)	†	†	†	†	†
Montgomery	†	†	†	†	†	†	†	†	†	†
Mount Washington	†	†	†	†	†	†	†	†	†	†
Nahant	†	(1-4)	(1-4)	†	(1-4)	†	(1-4)	(1-4)	†	(1-4)
Nantucket	(1-4)	†	(1-4)	(1-4)	6	5	(1-4)	(1-4)	(1-4)	12
Natick	6	11	13	9	39	10	7	6	8	31
Needham	*	(1-4)	5	8	21	†	(1-4)	(1-4)	(1-4)	10
New Ashford	†	†	†	†	†	†	†	†	†	†
New Bedford	165	198	250	175	788	192	239	256	172	859
New Braintree	†	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)
New Marlborough	†	†	(1-4)	†	(1-4)	†	†	(1-4)	†	(1-4)
New Salem	(1-4)	†	†	†	(1-4)	†	†	†	†	†
Newbury	(1-4)	(1-4)	†	(1-4)	5	†	(1-4)	(1-4)	(1-4)	5
Newburyport	(1-4)	(1-4)	†	(1-4)	12	(1-4)	(1-4)	7	7	21
Newton	20	12	15	13	60	11	8	10	14	43
Norfolk	(1-4)	(1-4)	6	(1-4)	12	†	(1-4)	(1-4)	(1-4)	5
North Adams	11	14	19	22	66	20	25	21	26	92
North Andover	6	5	13	10	34	10	6	13	6	35
North Attleboro	16	26	24	29	95	14	20	15	17	66
North Brookfield	(1-4)	(1-4)	(1-4)	†	9	5	(1-4)	†	(1-4)	8
North Reading	(1-4)	7	6	*	21	7	(1-4)	(1-4)	(1-4)	17
Northampton	22	20	39	22	103	33	41	40	31	145
Northborough	(1-4)	(1-4)	13	5	25	*	12	6	(1-4)	28
Northbridge	*	12	(1-4)	9	32	*	9	(1-4)	13	34

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City/Town	<u>2020</u>					<u>2021</u>				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northfield	(1-4)	†	(1-4)	†	(1-4)	†	†	†	†	†
Norton	6	10	12	10	38	9	6	8	5	28
Norwell	(1-4)	(1-4)	(1-4)	(1-4)	6	(1-4)	(1-4)	(1-4)	†	8
Norwood	12	17	17	14	60	13	13	18	12	56
Oak Bluffs	(1-4)	†	(1-4)	(1-4)	7	†	(1-4)	(1-4)	(1-4)	11
Oakham	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)
Orange	*	12	16	(1-4)	36	(1-4)	13	10	*	36
Orleans	(1-4)	(1-4)	(1-4)	(1-4)	13	(1-4)	(1-4)	†	5	8
Otis	†	†	†	†	†	†	†	†	(1-4)	(1-4)
Oxford	7	(1-4)	8	*	24	(1-4)	*	11	11	30
Palmer	6	17	22	8	53	10	6	6	5	27
Paxton	(1-4)	(1-4)	(1-4)	†	7	(1-4)	(1-4)	(1-4)	†	(1-4)
Peabody	25	17	20	24	86	31	36	54	45	166
Pelham	†	†	†	†	†	†	†	†	†	†
Pembroke	7	14	11	11	43	(1-4)	(1-4)	7	7	19
Pepperell	(1-4)	(1-4)	(1-4)	(1-4)	9	(1-4)	(1-4)	†	(1-4)	5
Peru	†	†	†	†	†	†	†	†	†	†
Petersham	†	†	†	†	†	†	†	(1-4)	†	(1-4)
Phillipston	†	(1-4)	†	†	(1-4)	(1-4)	†	†	†	(1-4)
Pittsfield	64	113	113	88	378	66	68	98	77	309
Plainfield	(1-4)	†	†	(1-4)	(1-4)	†	†	(1-4)	†	(1-4)
Plainville	5	5	(1-4)	(1-4)	16	(1-4)	6	6	(1-4)	19
Plymouth	44	49	58	37	188	39	47	55	42	183
Plympton	(1-4)	(1-4)	(1-4)	†	5	†	†	†	(1-4)	(1-4)
Princeton	†	(1-4)	†	(1-4)	(1-4)	†	†	†	†	†
Provincetown	(1-4)	(1-4)	(1-4)	(1-4)	14	(1-4)	(1-4)	5	(1-4)	10
Quincy	63	93	93	81	330	82	93	92	79	346
Randolph	12	17	27	11	67	16	20	26	11	73
Raynham	9	7	13	18	47	11	15	*	(1-4)	32
Reading	(1-4)	(1-4)	(1-4)	6	15	†	†	(1-4)	(1-4)	5
Rehoboth	(1-4)	6	5	(1-4)	19	(1-4)	(1-4)	5	(1-4)	13
Revere	35	35	56	53	179	55	55	80	52	242
Richmond	†	†	(1-4)	(1-4)	(1-4)	†	†	†	†	†
Rochester	(1-4)	(1-4)	(1-4)	(1-4)	9	†	(1-4)	†	†	(1-4)
Rockland	12	6	9	19	46	10	9	18	17	54
Rockport	†	†	(1-4)	(1-4)	(1-4)	†	(1-4)	†	(1-4)	(1-4)

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City/Town	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Rowe	†	†	†	†	†	†	†	†	†	†
Rowley	(1-4)	(1-4)	(1-4)	†	5	(1-4)	(1-4)	(1-4)	(1-4)	5
Royalston	†	(1-4)	†	†	(1-4)	†	†	†	†	†
Russell	†	(1-4)	†	(1-4)	(1-4)	†	(1-4)	†	(1-4)	(1-4)
Rutland	(1-4)	(1-4)	(1-4)	†	6	(1-4)	†	7	(1-4)	9
Salem	25	32	41	32	130	26	37	60	31	154
Salisbury	(1-4)	8	16	*	34	10	9	(1-4)	*	30
Sandisfield	†	†	†	(1-4)	(1-4)	†	†	(1-4)	†	(1-4)
Sandwich	10	(1-4)	†	*	23	(1-4)	12	(1-4)	9	28
Saugus	26	19	27	26	98	38	35	25	28	126
Savoy	†	†	†	†	†	†	†	†	†	†
Scituate	(1-4)	(1-4)	(1-4)	†	7	(1-4)	(1-4)	(1-4)	(1-4)	6
Seekonk	5	11	13	9	38	10	10	10	7	37
Sharon	(1-4)	(1-4)	†	(1-4)	7	(1-4)	(1-4)	(1-4)	7	17
Sheffield	†	(1-4)	†	†	(1-4)	†	†	(1-4)	(1-4)	(1-4)
Shelburne	(1-4)	†	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)	†	5
Sherborn	†	†	†	†	†	†	†	(1-4)	(1-4)	(1-4)
Shirley	6	(1-4)	(1-4)	(1-4)	12	9	5	(1-4)	(1-4)	18
Shrewsbury	10	16	10	9	45	8	5	11	14	38
Shutesbury	†	(1-4)	†	†	(1-4)	†	†	†	†	†
Somerset	10	8	15	9	42	10	11	11	16	48
Somerville	24	45	29	45	143	38	45	47	41	171
South Hadley	11	12	*	(1-4)	37	8	6	9	12	35
Southampton	(1-4)	†	†	(1-4)	(1-4)	†	(1-4)	(1-4)	†	5
Southborough	(1-4)	(1-4)	6	(1-4)	11	(1-4)	(1-4)	(1-4)	(1-4)	9
Southbridge	14	27	36	30	107	22	29	25	27	103
Southwick	(1-4)	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	5	11	20
Spencer	18	22	16	10	66	9	8	10	5	32
Springfield	228	352	314	202	1096	258	300	358	327	1243
Sterling	(1-4)	5	(1-4)	(1-4)	11	(1-4)	(1-4)	†	(1-4)	8
Stockbridge	†	(1-4)	(1-4)	†	(1-4)	(1-4)	†	†	(1-4)	(1-4)
Stoneham	8	9	19	12	48	15	9	11	12	47
Stoughton	18	20	19	19	76	14	22	23	20	79
Stow	†	†	(1-4)	†	(1-4)	†	(1-4)	†	†	(1-4)
Sturbridge	(1-4)	11	*	7	27	7	12	8	5	32
Sudbury	(1-4)	(1-4)	(1-4)	(1-4)	6	†	†	†	(1-4)	(1-4)

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	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Sunderland	(1-4)	(1-4)	(1-4)	(1-4)	9	†	5	†	†	5
Sutton	(1-4)	9	5	(1-4)	20	(1-4)	(1-4)	5	(1-4)	17
Swampscott	(1-4)	5	(1-4)	5	15	(1-4)	(1-4)	7	(1-4)	19
Swansea	11	13	9	14	47	6	6	8	13	33
Taunton	51	48	52	53	204	34	44	58	48	184
Templeton	9	†	(1-4)	(1-4)	13	7	(1-4)	(1-4)	(1-4)	18
Tewksbury	17	23	24	20	84	22	19	11	15	67
Tisbury	†	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	9
Tolland	†	†	†	†	†	†	†	†	†	†
Topsfield	(1-4)	(1-4)	(1-4)	(1-4)	5	(1-4)	†	†	†	(1-4)
Townsend	(1-4)	(1-4)	(1-4)	(1-4)	11	(1-4)	(1-4)	(1-4)	5	13
Truro	(1-4)	†	(1-4)	(1-4)	6	(1-4)	5	(1-4)	†	8
Tyngsborough	†	(1-4)	(1-4)	(1-4)	11	(1-4)	(1-4)	(1-4)	†	11
Tyringham	†	†	†	†	†	†	†	†	†	†
Upton	(1-4)	(1-4)	(1-4)	(1-4)	5	(1-4)	(1-4)	(1-4)	†	8
Uxbridge	7	(1-4)	(1-4)	(1-4)	15	(1-4)	7	(1-4)	(1-4)	15
Wakefield	5	10	20	16	51	14	11	9	9	43
Wales	†	†	†	(1-4)	(1-4)	(1-4)	†	(1-4)	†	(1-4)
Walpole	7	6	8	7	28	12	(1-4)	*	8	32
Waltham	16	21	32	24	93	35	42	29	34	140
Ware	11	9	10	8	38	10	8	10	14	42
Wareham	31	23	46	37	137	21	27	41	39	128
Warren	6	(1-4)	(1-4)	†	9	*	†	9	(1-4)	22
Warwick	†	†	(1-4)	†	(1-4)	†	†	†	†	†
Washington	†	†	†	†	†	†	†	†	†	†
Watertown	10	9	17	9	45	12	9	10	10	41
Wayland	†	(1-4)	†	†	(1-4)	(1-4)	†	†	†	(1-4)
Webster	22	27	24	29	102	26	25	22	19	92
Wellesley	(1-4)	†	(1-4)	(1-4)	7	9	(1-4)	(1-4)	(1-4)	14
Wellfleet	†	(1-4)	(1-4)	†	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)
Wendell	†	†	†	†	†	†	†	†	†	†
Wenham	†	(1-4)	†	†	(1-4)	†	(1-4)	†	†	(1-4)
West Boylston	*	(1-4)	5	6	19	(1-4)	5	(1-4)	9	21
West Bridgewater	(1-4)	(1-4)	(1-4)	(1-4)	11	(1-4)	*	7	8	22
West Brookfield	(1-4)	(1-4)	(1-4)	(1-4)	8	(1-4)	(1-4)	(1-4)	(1-4)	10
West Newbury	†	†	†	†	†	†	†	(1-4)	(1-4)	(1-4)

All Suspected Opioid-Related Incidents by Town Where Incident Occurred in MA, 2020-2021

The counts in this table reflect the town in which the incident occurred (not the city/town of residence as shown in the table of deaths by city/town). † indicates no opioid related incidents were recorded, which may be due to non-reporting by EMS services or no incidents occurring. * indicates complementary suppression of the next smallest count was applied if only one count was between 1 and 4. (1-4) indicates the cell value was between 1 and 4.

City/Town	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
West Springfield	27	46	60	34	167	39	44	41	30	154
West Stockbridge	(1-4)	†	(1-4)	†	(1-4)	†	†	†	†	†
West Tisbury	†	†	†	†	†	†	†	†	†	†
Westborough	24	18	22	24	88	17	13	22	17	69
Westfield	27	35	33	20	115	28	22	25	18	93
Westford	(1-4)	†	(1-4)	(1-4)	6	6	8	5	6	25
Westhampton	†	(1-4)	†	†	(1-4)	†	†	†	†	†
Westminster	12	10	6	8	36	10	10	7	6	33
Weston	(1-4)	(1-4)	†	(1-4)	5	†	(1-4)	†	†	(1-4)
Westport	7	6	13	8	34	(1-4)	5	(1-4)	7	18
Westwood	(1-4)	†	(1-4)	(1-4)	7	(1-4)	(1-4)	(1-4)	7	15
Weymouth	27	55	51	49	182	31	30	37	35	133
Whately	(1-4)	†	(1-4)	(1-4)	(1-4)	(1-4)	(1-4)	†	(1-4)	(1-4)
Whitman	7	8	6	10	31	5	10	8	8	31
Wilbraham	*	9	(1-4)	12	30	*	(1-4)	5	13	27
Williamsburg	(1-4)	(1-4)	(1-4)	(1-4)	8	†	†	(1-4)	†	(1-4)
Williamstown	(1-4)	(1-4)	(1-4)	(1-4)	7	(1-4)	(1-4)	(1-4)	(1-4)	5
Wilmington	8	*	(1-4)	6	20	10	16	23	29	78
Winchendon	6	10	9	12	37	11	5	6	9	31
Winchester	(1-4)	(1-4)	(1-4)	(1-4)	9	†	*	†	(1-4)	7
Windsor	†	†	†	†	†	†	(1-4)	†	†	(1-4)
Winthrop	15	10	*	(1-4)	33	9	9	8	5	31
Woburn	20	16	23	24	83	23	31	22	23	99
Worcester	338	297	394	256	1285	285	279	416	406	1386
Worthington	†	†	†	(1-4)	(1-4)	(1-4)	†	†	†	(1-4)
Wrentham	6	5	(1-4)	(1-4)	18	(1-4)	(1-4)	7	5	19
Yarmouth	16	19	23	15	73	18	31	41	24	114
Unknown	29	31	29	†	89	57	(1-4)	(1-4)	†	60
Grand Total	4840	5377	5944	4755	20916	5108	5602	6211	5337	22258

Technical Notes

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Source

- Bureau of Health Care Safety and Quality, MDPH