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| **MA Opioid-RelatedEMS Incidents**  **2013-Q2 2021** |
| Massachusetts Department of Public Health POSTED: NOVEMBER 2021 |

**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 more accurately count opioid overdose incidents. 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 events in Massachusetts, defined as 911 calls in which opioids are involved; not all events 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 events 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 14.1% per six-month period from 2013 until mid-2016 and then began decreasing 2.4% per six-month period through mid-2021. The number of all EMS incidents involving naloxone administration (Figure 2) increased on average 16.2% per six-month period from 2013 until mid-2016 and then began decreasing 0.9% per six-month period through mid-2021. From Jan-Jun 2021, the greatest number of suspected opioid-related incidents treated by EMS continued to be among males aged 25-34, accounting for 22% of opioid-related incidents with a known age and sex. In the first half of 2021, 53.1% of all Opioid-Related Events were categorized as Acute Opioid Overdose Events, 21.2% were categorized as Other Opioid Related Events, 19.3% were categorized as Opioid Intoxicated Events, 4.7% were categorized as Opioid Withdrawal Events, and 1.7% were categorized as Dead on Arrival Events. Naloxone was administered in 96% of the Acute Opioid Overdose Events during the first six months of 2021 (Figure 3).

|  |  |  |
| --- | --- | --- |
|  | **All Suspected Opioid Related Incidents by Sex: 2021 (Jan-Jun)** | |
|  | **11-14** | **15-24 25-34 35-44 45-54 55-64 65+ Total** |
| Male | (1-4) | 406 2,341 2,103 1,278 888 330 7,346\* |
| Female | (1-4) | 280 978 909 457 380 225 3,229\* |
| Total | (1-4) | 686 3,319 3,012 1,735 1,268 555 10,575\* |
|  |  | \*Total of non-suppressed numbers |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ORI Severity Category** | **Jan 2021** | **All Suspected Opioid Related Incidents by Severity Category**  **Feb** | **Mar** | **April**  **2021**    **2021**    **2021**    **2021**    **2021**    25    40    31    31    23 | **May** | **June** | **Total** |
| DOA Events | 35 | 185 |
| DOA % | 2.0% | 1.6% | 2.1% | 1.7% | 1.6% | 1.2% | 1.7% |
| Acute Overdose Events | 871 | 852 | 980 | 969 | 1,053 | 983 | 5,708 |
| Acute Overdose % | 50.8% | 54.5% | 52.6% | 54.0% | 54.4% | 52.5% | 53.1% |
| Opioid Intoxicated Events | 357 | 279 | 368 | 336 | 368 | 365 | 2,073 |
| Opioid Intoxicated % | 20.8% | 17.8% | 19.8% | 18.7% | 19.0% | 19.5% | 19.3% |
| Opioid Withdrawal Events | 75 | 72 | 97 | 85 | 82 | 90 | 501 |
| Opioid Withdrawal % | 4.4% | 4.6% | 5.2% | 4.7% | 4.2% | 4.8% | 4.7% |
| Other Opioid-Related Events | 376 | 336 | 377 | 375 | 403 | 410 | 2,277 |
| Other Opioid-Related % | 21.9% | 21.5% | 20.2% | 20.9% | 20.8% | 21.9% | 21.2% |
| **Total** | 1,714 | 1,564 | 1,862 | 1,796 | 1,937 | 1,871 | 10,744 |

0

0.5

1

1.5

2

2.5

3

3.5

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

2013

2014

2015

2016

2017

2018

2019

2020

2021

**Percent**

**Year**

**Figure 1: Percent of Opioid**

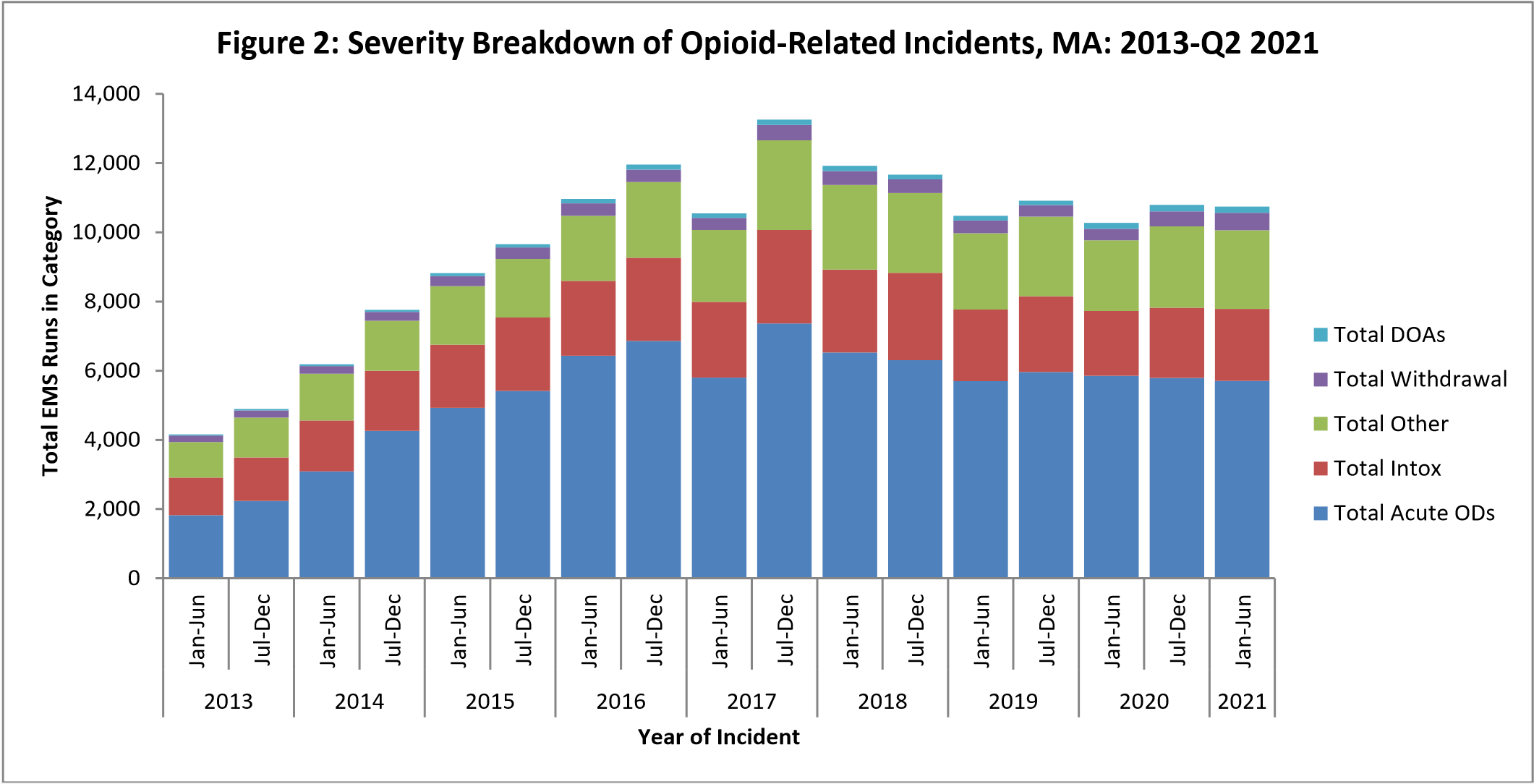
**-**

**Related Incidents**

**Among All EMS Incidents, MA: 2013**

**-**

**Q2 2021**



%

85

90

%

%

95

100

%

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

2013

2014

2015

2016

2017

2018

2019

2020

2021

**Percent**

**Year**

**Figure 3: Percent of Acute Overdose Incidents**

**Involving Naloxone Administration, MA: 2013**

**-**

**Q2 2021**

0

2000

4000

6000

8000

10000

12000

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

Jul-Dec

Jan-Jun

2013

2014

2015

2016

2017

2018

2019

2020

2021

**Count**

**Year**

**Figure 4: Count of All EMS Incidents Involving**

**Naloxone Administration, MA: 2013**

**-**

**Q2 2021**

**All Suspected Opioid-Related Incidents by Town Where Incident Occurred in MA, 2019-Q2 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 overdose 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.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Abington | \* | 8 | 9 | (1-4) | **29** | 10 | (1-4) | 8 | \* | **28** | 8 | 9 | **17** |
| Acton | (1-4) | (1-4) | (1-4) | 6 | **12** | † | (1-4) | (1-4) | (1-4) | **10** | (1-4) | (1-4) | **6** |
| Acushnet | † | 6 | (1-4) | (1-4) | **9** | 8 | 9 | 7 | 10 | **34** | 7 | 5 | **12** |
| Adams | 6 | (1-4) | (1-4) | (1-4) | **15** | 7 | 8 | 9 | 5 | **29** | 11 | 8 | **19** |
| Agawam | 14 | 28 | 12 | 16 | **70** | 13 | 23 | 16 | 20 | **72** | 15 | 11 | **26** |
| Alford | (1-4) | † | † | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Amesbury | \* | 9 | (1-4) | 9 | **29** | 8 | 12 | 10 | 7 | **37** | \* | (1-4) | **9** |
| Amherst | \* | 7 | (1-4) | 15 | **31** | 11 | 6 | \* | (1-4) | **24** | \* | (1-4) | **10** |
| Andover | 10 | 12 | 12 | 9 | **43** | \* | 18 | 20 | (1-4) | **51** | 15 | 15 | **30** |
| Aquinnah | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Arlington | 10 | 7 | 6 | 7 | **30** | 12 | 7 | 7 | 8 | **34** | 10 | 15 | **25** |
| Ashburnham | 6 | (1-4) | (1-4) | (1-4) | **14** | (1-4) | (1-4) | (1-4) | 7 | **14** | (1-4) | † | **(1-4)** |
| Ashby | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | (1-4) | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Ashfield | † | † | † | † | **†** | † | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Ashland | (1-4) | (1-4) | (1-4) | (1-4) | **14** | (1-4) | 7 | 5 | (1-4) | **18** | (1-4) | \* | **9** |
| Athol | 6 | 6 | 10 | 9 | **31** | 19 | 23 | 10 | 10 | **62** | 18 | 23 | **41** |
| Attleboro | 29 | 61 | 38 | 21 | **149** | (1-4) | \* | † | 16 | **34** | † | † | **†** |
| Auburn | 8 | 7 | 5 | 6 | **26** | 7 | 13 | 7 | 12 | **39** | (1-4) | \* | **17** |
| Avon | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | 5 | (1-4) | (1-4) | **15** | \* | (1-4) | **9** |
| Ayer | \* | 9 | (1-4) | 8 | **24** | (1-4) | 8 | (1-4) | 6 | **19** | 10 | 11 | **21** |
| Barnstable | 43 | 36 | 42 | 36 | **157** | 54 | 46 | 49 | 48 | **197** | 50 | 44 | **94** |
| Barre | 8 | 7 | (1-4) | \* | **23** | 6 | 5 | 6 | 6 | **23** | \* | (1-4) | **11** |
| Becket | (1-4) | (1-4) | (1-4) | † | **(1-4)** | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | † | **(1-4)** |
| Bedford | (1-4) | \* | 7 | 5 | **20** | 8 | 5 | 8 | 7 | **28** | (1-4) | \* | **9** |
| Belchertown | (1-4) | (1-4) | 5 | (1-4) | **14** | 10 | (1-4) | 5 | (1-4) | **23** | (1-4) | (1-4) | **7** |
| Bellingham | (1-4) | 9 | 7 | (1-4) | **23** | 10 | (1-4) | 6 | (1-4) | **20** | 5 | 6 | **11** |
| Belmont | 8 | 8 | (1-4) | (1-4) | **22** | 6 | (1-4) | (1-4) | (1-4) | **12** | (1-4) | \* | **7** |
| Berkley | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **5** |
| Berlin | † | † | \* | (1-4) | **7** | \* | † | (1-4) | † | **7** | † | (1-4) | **(1-4)** |
| Bernardston | † | † | † | † | **†** | (1-4) | (1-4) | † | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Beverly | 18 | 31 | 22 | 24 | **95** | 26 | 24 | 27 | 12 | **89** | 20 | 15 | **35** |
| Billerica | 18 | 19 | 9 | 12 | **58** | 18 | 10 | 11 | 10 | **49** | 14 | 13 | **27** |
| Blackstone | (1-4) | 7 | (1-4) | (1-4) | **15** | 5 | (1-4) | (1-4) | 5 | **15** | (1-4) | \* | **8** |
| Blandford | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Bolton | † | (1-4) | (1-4) | (1-4) | **5** | (1-4) | † | † | (1-4) | **(1-4)** | (1-4) | † | **(1-4)** |
| Boston | 630 | 844 | 989 | 805 | **3268** | 718 | 923 | 898 | 748 | **3287** | 852 | 924 | **1776** |
| Bourne | 10 | 18 | 13 | 11 | **52** | 11 | 15 | 18 | 13 | **57** | 18 | 11 | **29** |
| Boxborough | (1-4) | † | † | † | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Boxford | (1-4) | (1-4) | † | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Boylston | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Braintree | 16 | 12 | 20 | 21 | **69** | 18 | 17 | 20 | 27 | **82** | 20 | 15 | **35** |
| Brewster | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | (1-4) | (1-4) | **12** | † | † | **†** |
| Bridgewater | 9 | 9 | 12 | 8 | **38** | 19 | 9 | 10 | 18 | **56** | 12 | 7 | **19** |
| Brimfield | (1-4) | (1-4) | † | (1-4) | **(1-4)** | † | 5 | (1-4) | (1-4) | **7** | (1-4) | † | **(1-4)** |
| Brockton | 120 | 104 | 166 | 137 | **527** | 144 | 126 | 125 | 111 | **506** | 93 | 108 | **201** |
| Brookfield | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **12** | (1-4) | (1-4) | **5** |
| Brookline | 13 | 12 | 8 | 5 | **38** | 9 | \* | 8 | (1-4) | **28** | 8 | 12 | **20** |
| Buckland | † | † | † | † | **†** | † | † | † | † | **†** | † | (1-4) | **(1-4)** |
| Burlington | 10 | 9 | 6 | 7 | **32** | 9 | \* | 10 | (1-4) | **28** | \* | (1-4) | **11** |
| Cambridge | 80 | 67 | 111 | 75 | **333** | 63 | 78 | 110 | 76 | **327** | 142 | 124 | **266** |
| Canton | \* | (1-4) | 8 | 8 | **27** | 10 | (1-4) | \* | 9 | **32** | 7 | 7 | **14** |
| Carlisle | † | † | † | † | **†** | † | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | **(1-4)** |
| Carver | 7 | 10 | (1-4) | \* | **26** | (1-4) | \* | 9 | 7 | **24** | 9 | 7 | **16** |
| Charlemont | † | (1-4) | † | (1-4) | **(1-4)** | † | \* | (1-4) | † | **8** | † | † | **†** |
| Charlton | (1-4) | 5 | (1-4) | (1-4) | **10** | (1-4) | 6 | 8 | (1-4) | **16** | (1-4) | (1-4) | **(1-4)** |
| Chatham | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | † | † | (1-4) | **(1-4)** | (1-4) | (1-4) | **6** |
| Chelmsford | 6 | 12 | 9 | 10 | **37** | 18 | 9 | 8 | 13 | **48** | 13 | 8 | **21** |
| Chelsea | 36 | 53 | 68 | 58 | **215** | 24 | 28 | 43 | 35 | **130** | 52 | 61 | **113** |
| Cheshire | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **5** |
| Chester | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Chesterfield | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Chicopee | 63 | 83 | 78 | 91 | **315** | 82 | 82 | 83 | 76 | **323** | 75 | 104 | **179** |
| Chilmark | † | † | † | † | **†** | † | † | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Clarksburg | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Clinton | 6 | 8 | (1-4) | (1-4) | **18** | 10 | \* | (1-4) | 5 | **22** | 7 | 6 | **13** |
| Cohasset | (1-4) | † | (1-4) | (1-4) | **(1-4)** | (1-4) | † | † | † | **(1-4)** | (1-4) | (1-4) | **5** |
| Colrain | † | (1-4) | † | (1-4) | **(1-4)** | † | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Concord | (1-4) | † | (1-4) | (1-4) | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | (1-4) | **8** |
| Conway | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |

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|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Cummington | † | (1-4) | † | (1-4) | **(1-4)** | † | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Dalton | 5 | (1-4) | (1-4) | (1-4) | **10** | † | 7 | (1-4) | (1-4) | **12** | 5 | 5 | **10** |
| Danvers | 40 | 30 | 34 | 30 | **134** | 21 | 35 | 49 | 40 | **145** | 45 | 39 | **84** |
| Dartmouth | 36 | 41 | 30 | 40 | **147** | 20 | 19 | 41 | 27 | **107** | 22 | 43 | **65** |
| Dedham | 13 | 14 | 17 | 19 | **63** | 16 | 15 | 13 | 14 | **58** | 14 | 15 | **29** |
| Deerfield | (1-4) | † | (1-4) | (1-4) | **7** | (1-4) | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | **5** |
| Dennis | 11 | 8 | 8 | 14 | **41** | 8 | 11 | \* | (1-4) | **26** | (1-4) | \* | **12** |
| Dighton | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **5** | (1-4) | † | **(1-4)** |
| Douglas | (1-4) | 5 | † | (1-4) | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | **5** |
| Dover | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Dracut | (1-4) | 23 | 13 | \* | **52** | 14 | 13 | 15 | 7 | **49** | 11 | 10 | **21** |
| Dudley | 18 | 8 | 6 | 10 | **42** | 7 | 8 | 8 | 8 | **31** | (1-4) | (1-4) | **6** |
| Dunstable | (1-4) | (1-4) | † | † | **5** | (1-4) | (1-4) | † | (1-4) | **5** | † | † | **†** |
| Duxbury | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | \* | **8** |
| East  Bridgewater | 9 | \* | 5 | (1-4) | **23** | 5 | 7 | (1-4) | (1-4) | **17** | \* | (1-4) | **6** |
| East Brookfield | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | **(1-4)** |
| East  Longmeadow | 8 | 8 | 7 | 8 | **31** | (1-4) | (1-4) | 10 | 6 | **19** | 10 | 9 | **19** |
| Eastham | (1-4) | (1-4) | (1-4) | † | **6** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **6** |
| Easthampton | 10 | (1-4) | \* | 11 | **33** | 11 | 6 | 9 | 5 | **31** | 17 | 10 | **27** |
| Easton | 8 | (1-4) | 8 | (1-4) | **22** | 7 | \* | 7 | (1-4) | **21** | 12 | 11 | **23** |
| Edgartown | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | (1-4) | † | **5** | † | (1-4) | **(1-4)** |
| Egremont | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Erving | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Essex | (1-4) | † | (1-4) | (1-4) | **8** | (1-4) | (1-4) | (1-4) | † | **5** | † | (1-4) | **(1-4)** |
| Everett | 38 | 39 | 38 | 38 | **153** | 30 | 30 | 38 | 37 | **135** | 43 | 39 | **82** |
| Fairhaven | 6 | 12 | 16 | 8 | **42** | 19 | 17 | 7 | 13 | **56** | 22 | 21 | **43** |
| Fall River | 198 | 260 | 277 | 232 | **967** | 192 | 207 | 247 | 208 | **854** | 182 | 226 | **408** |
| Falmouth | 41 | 33 | 32 | 32 | **138** | 34 | 45 | 36 | 38 | **153** | 33 | 14 | **47** |
| Fitchburg | 70 | 65 | 60 | 52 | **247** | 54 | 68 | 63 | 59 | **244** | 22 | 89 | **111** |
| Florida | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Foxborough | 11 | 7 | 10 | 10 | **38** | 15 | 15 | 12 | 14 | **56** | 14 | 12 | **26** |
| Framingham | 43 | 64 | 46 | 44 | **197** | 47 | 24 | 37 | 29 | **137** | 30 | 21 | **51** |
| Franklin | 7 | 11 | 6 | 9 | **33** | 8 | 5 | 13 | 9 | **35** | 14 | 12 | **26** |
| Freetown | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **5** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Gardner | 19 | 25 | 30 | 31 | **105** | 20 | 22 | 39 | 16 | **97** | 31 | 20 | **51** |
| Georgetown | (1-4) | 5 | (1-4) | † | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | (1-4) | **6** |
| Gill | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | † | (1-4) | † | **(1-4)** | † | † | **†** |
| Gloucester | 15 | 32 | 28 | 19 | **94** | 19 | 19 | 26 | 20 | **84** | 18 | 21 | **39** |
| Goshen | † | (1-4) | † | † | **(1-4)** | † | † | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Gosnold | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Grafton | (1-4) | 7 | (1-4) | 5 | **17** | 6 | 9 | (1-4) | \* | **21** | 8 | 6 | **14** |
| Granby | 5 | (1-4) | (1-4) | † | **9** | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | (1-4) | **6** |
| Granville | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | † | (1-4) | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Great  Barrington | \* | 7 | (1-4) | 5 | **19** | 8 | \* | (1-4) | 8 | **24** | 5 | 10 | **15** |
| Greenfield | 27 | 28 | 26 | 14 | **95** | 24 | 35 | 29 | 29 | **117** | 23 | 26 | **49** |
| Groton | (1-4) | (1-4) | † | (1-4) | **(1-4)** | (1-4) | † | † | (1-4) | **5** | (1-4) | (1-4) | **5** |
| Groveland | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | † | **(1-4)** |
| Hadley | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | 7 | (1-4) | **17** | (1-4) | \* | **6** |
| Halifax | (1-4) | (1-4) | 5 | (1-4) | **16** | (1-4) | (1-4) | 5 | 6 | **14** | (1-4) | (1-4) | **8** |
| Hamilton | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Hampden | (1-4) | 8 | 7 | (1-4) | **18** | 7 | (1-4) | (1-4) | (1-4) | **17** | (1-4) | † | **(1-4)** |
| Hancock | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Hanover | 6 | (1-4) | (1-4) | (1-4) | **18** | (1-4) | (1-4) | (1-4) | 5 | **11** | (1-4) | (1-4) | **(1-4)** |
| Hanson | 5 | (1-4) | (1-4) | (1-4) | **13** | (1-4) | (1-4) | † | † | **5** | (1-4) | (1-4) | **(1-4)** |
| Hardwick | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | **(1-4)** |
| Harvard | (1-4) | † | (1-4) | † | **5** | † | (1-4) | (1-4) | (1-4) | **5** | (1-4) | † | **(1-4)** |
| Harwich | 5 | (1-4) | 5 | (1-4) | **14** | \* | 6 | (1-4) | 7 | **21** | 6 | 9 | **15** |
| Hatfield | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Haverhill | 59 | 55 | 73 | 67 | **254** | 75 | 53 | 68 | 58 | **254** | 69 | 73 | **142** |
| Hawley | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Heath | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Hingham | 5 | † | (1-4) | (1-4) | **9** | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | (1-4) | **5** |
| Hinsdale | † | (1-4) | † | (1-4) | **(1-4)** | (1-4) | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Holbrook | (1-4) | 9 | \* | 9 | **27** | 6 | 10 | 5 | 11 | **32** | 10 | 10 | **20** |
| Holden | (1-4) | (1-4) | (1-4) | (1-4) | **9** | 6 | (1-4) | 7 | \* | **19** | (1-4) | \* | **10** |
| Holland | † | † | † | † | **†** | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Holliston | (1-4) | 7 | (1-4) | (1-4) | **14** | (1-4) | † | 5 | (1-4) | **9** | (1-4) | (1-4) | **7** |
| Holyoke | 111 | 132 | 156 | 146 | **545** | 152 | 126 | 166 | 85 | **529** | 102 | 174 | **276** |
| Hopedale | (1-4) | 7 | (1-4) | (1-4) | **14** | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | (1-4) | **(1-4)** |

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|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Hopkinton | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | † | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **8** |
| Hubbardston | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | † | † | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Hudson | 8 | \* | 7 | (1-4) | **24** | † | 6 | 7 | 7 | **20** | 14 | 9 | **23** |
| Hull | (1-4) | 5 | (1-4) | 9 | **20** | 6 | 10 | 5 | 7 | **28** | (1-4) | (1-4) | **(1-4)** |
| Huntington | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **(1-4)** | † | † | **†** |
| Ipswich | (1-4) | (1-4) | 5 | (1-4) | **11** | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | **7** |
| Kingston | (1-4) | 9 | 5 | (1-4) | **21** | (1-4) | (1-4) | 9 | 5 | **17** | \* | (1-4) | **6** |
| Lakeville | 6 | 10 | 14 | 14 | **44** | 19 | 16 | 29 | 26 | **90** | 35 | 23 | **58** |
| Lancaster | (1-4) | (1-4) | 7 | 9 | **21** | (1-4) | 5 | (1-4) | † | **13** | (1-4) | \* | **9** |
| Lanesborough | (1-4) | (1-4) | (1-4) | (1-4) | **6** | † | 5 | 6 | † | **11** | \* | (1-4) | **9** |
| Lawrence | 129 | 136 | 153 | 111 | **529** | 118 | 114 | 128 | 121 | **481** | 81 | 85 | **166** |
| Lee | (1-4) | † | † | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | \* | **8** |
| Leicester | 7 | 7 | 6 | 6 | **26** | 7 | 7 | \* | (1-4) | **24** | 7 | 5 | **12** |
| Lenox | (1-4) | (1-4) | 5 | 5 | **16** | (1-4) | 6 | 5 | (1-4) | **17** | (1-4) | (1-4) | **7** |
| Leominster | 44 | 50 | 34 | 25 | **153** | 19 | 19 | 30 | 34 | **102** | 37 | 38 | **75** |
| Leverett | † | † | † | † | **†** | † | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Lexington | (1-4) | (1-4) | (1-4) | (1-4) | **12** | (1-4) | (1-4) | † | (1-4) | **5** | (1-4) | (1-4) | **5** |
| Leyden | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Lincoln | † | (1-4) | † | † | **(1-4)** | † | † | (1-4) | † | **(1-4)** | † | † | **†** |
| Littleton | (1-4) | 5 | (1-4) | † | **8** | † | † | † | † | **†** | † | † | **†** |
| Longmeadow | (1-4) | (1-4) | (1-4) | (1-4) | **8** | † | (1-4) | (1-4) | (1-4) | **7** | (1-4) | (1-4) | **6** |
| Lowell | 155 | 167 | 151 | 152 | **625** | 127 | 182 | 172 | 123 | **604** | 161 | 169 | **330** |
| Ludlow | 10 | 9 | 10 | 12 | **41** | 16 | 25 | 12 | 12 | **65** | 18 | 14 | **32** |
| Lunenburg | (1-4) | (1-4) | 5 | (1-4) | **11** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | \* | **9** |
| Lynn | 99 | 134 | 157 | 113 | **503** | 126 | 89 | 144 | 102 | **461** | 81 | 142 | **223** |
| Lynnfield | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | † | (1-4) | **(1-4)** |
| Malden | 26 | 58 | 53 | 42 | **179** | 25 | 31 | 36 | 45 | **137** | 52 | 44 | **96** |
| Manchester | (1-4) | † | † | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Mansfield | 8 | 19 | 8 | 10 | **45** | (1-4) | 7 | 15 | \* | **32** | 10 | 6 | **16** |
| Marblehead | (1-4) | (1-4) | (1-4) | 5 | **14** | (1-4) | (1-4) | 9 | (1-4) | **18** | (1-4) | (1-4) | **(1-4)** |
| Marion | (1-4) | (1-4) | (1-4) | † | **9** | (1-4) | † | (1-4) | † | **5** | † | † | **†** |
| Marlborough | 17 | 19 | 21 | 17 | **74** | 18 | 19 | 26 | 17 | **80** | 27 | 24 | **51** |
| Marshfield | 5 | 14 | 8 | 9 | **36** | 12 | 7 | 13 | 11 | **43** | 6 | 16 | **22** |
| Mashpee | \* | 11 | 10 | (1-4) | **35** | \* | 10 | 12 | (1-4) | **33** | (1-4) | (1-4) | **(1-4)** |
| Mattapoisett | 6 | (1-4) | (1-4) | 5 | **16** | (1-4) | (1-4) | (1-4) | (1-4) | **7** | 5 | † | **5** |

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|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Maynard | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **6** | 5 | 5 | **10** |
| Medfield | (1-4) | (1-4) | † | † | **5** | † | 5 | † | † | **5** | † | (1-4) | **(1-4)** |
| Medford | 24 | 28 | 17 | 18 | **87** | 34 | 29 | 28 | 23 | **114** | 28 | 39 | **67** |
| Medway | 8 | 9 | (1-4) | (1-4) | **24** | \* | 8 | (1-4) | 6 | **21** | (1-4) | \* | **9** |
| Melrose | (1-4) | 7 | 9 | (1-4) | **23** | 9 | \* | 9 | (1-4) | **29** | 6 | 6 | **12** |
| Mendon | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | (1-4) | † | (1-4) | **6** | (1-4) | (1-4) | **7** |
| Merrimac | (1-4) | (1-4) | (1-4) | (1-4) | **10** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Methuen | 42 | 47 | 37 | 27 | **153** | 32 | 35 | 33 | 26 | **126** | 22 | 22 | **44** |
| Middleborough | † | (1-4) | (1-4) | (1-4) | **5** | † | (1-4) | (1-4) | (1-4) | **5** | (1-4) | \* | **9** |
| Middlefield | † | † | † | † | **†** | † | † | † | † | **†** | (1-4) | † | **(1-4)** |
| Middleton | (1-4) | 10 | (1-4) | 8 | **24** | 5 | (1-4) | (1-4) | (1-4) | **17** | 6 | 7 | **13** |
| Milford | 24 | 18 | 22 | 8 | **72** | 8 | \* | 13 | (1-4) | **31** | 7 | 23 | **30** |
| Millbury | 9 | 8 | 7 | 12 | **36** | 12 | 14 | 15 | 9 | **50** | 5 | 10 | **15** |
| Millis | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | 5 | (1-4) | **13** | (1-4) | \* | **6** |
| Millville | † | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | **5** |
| Milton | (1-4) | (1-4) | 11 | 6 | **22** | 9 | (1-4) | 7 | \* | **25** | (1-4) | (1-4) | **8** |
| Monroe | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Monson | (1-4) | (1-4) | 6 | (1-4) | **15** | (1-4) | (1-4) | 7 | (1-4) | **15** | (1-4) | (1-4) | **(1-4)** |
| Montague | (1-4) | \* | 12 | 9 | **30** | 7 | 12 | 9 | 5 | **33** | 10 | 10 | **20** |
| Monterey | † | † | † | † | **†** | † | † | (1-4) | † | **(1-4)** | † | † | **†** |
| Montgomery | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Mount  Washington | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Nahant | † | (1-4) | † | † | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Nantucket | † | † | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **6** | \* | (1-4) | **8** |
| Natick | 12 | 12 | 15 | 5 | **44** | 6 | 11 | 13 | 9 | **39** | 10 | 7 | **17** |
| Needham | 6 | (1-4) | (1-4) | 6 | **16** | \* | (1-4) | 5 | 8 | **21** | † | (1-4) | **(1-4)** |
| New Ashford | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| New  Bedford | 194 | 154 | 100 | 135 | **583** | 166 | 200 | 250 | 177 | **793** | 192 | 237 | **429** |
| New Braintree | † | (1-4) | (1-4) | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| New  Marlborough | (1-4) | † | † | (1-4) | **(1-4)** | † | † | (1-4) | † | **(1-4)** | † | † | **†** |
| New Salem | † | † | † | (1-4) | **(1-4)** | (1-4) | † | † | † | **(1-4)** | † | † | **†** |
| Newbury | (1-4) | (1-4) | † | (1-4) | **6** | (1-4) | (1-4) | † | (1-4) | **5** | † | (1-4) | **(1-4)** |
| Newburyport | (1-4) | (1-4) | (1-4) | 5 | **16** | (1-4) | (1-4) | † | (1-4) | **12** | (1-4) | (1-4) | **7** |

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|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Newton | 11 | 19 | 9 | 19 | **58** | 20 | 12 | 15 | 13 | **60** | 11 | 13 | **24** |
| Norfolk | (1-4) | (1-4) | (1-4) | † | **8** | (1-4) | (1-4) | 6 | (1-4) | **12** | † | (1-4) | **(1-4)** |
| North Adams | 27 | 26 | 12 | 23 | **88** | 11 | 14 | 19 | 22 | **66** | 20 | 26 | **46** |
| North Andover | 12 | 11 | 13 | 5 | **41** | 6 | 5 | 13 | 10 | **34** | 10 | 6 | **16** |
| North  Attleboro | 9 | 18 | 22 | 22 | **71** | 16 | 26 | 23 | 29 | **94** | 14 | 20 | **34** |
| North  Brookfield | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **9** | \* | (1-4) | **6** |
| North Reading | (1-4) | 5 | (1-4) | (1-4) | **12** | (1-4) | 7 | 6 | \* | **21** | \* | (1-4) | **9** |
| Northampton | 34 | 22 | 23 | 25 | **104** | 22 | 20 | 40 | 22 | **104** | 33 | 41 | **74** |
| Northborough | 7 | (1-4) | (1-4) | 5 | **18** | (1-4) | (1-4) | 13 | 5 | **25** | 6 | 12 | **18** |
| Northbridge | \* | 10 | 8 | (1-4) | **28** | 7 | 12 | 6 | 9 | **34** | 9 | 9 | **18** |
| Northfield | † | † | † | (1-4) | **(1-4)** | (1-4) | † | (1-4) | † | **(1-4)** | † | † | **†** |
| Norton | (1-4) | 8 | (1-4) | 6 | **19** | 6 | 10 | 12 | 10 | **38** | 9 | 6 | **15** |
| Norwell | 5 | 5 | (1-4) | (1-4) | **13** | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | **6** |
| Norwood | 9 | 7 | 9 | 11 | **36** | 12 | 17 | 17 | 14 | **60** | 13 | 13 | **26** |
| Oak Bluffs | (1-4) | (1-4) | (1-4) | † | **7** | (1-4) | † | (1-4) | (1-4) | **7** | † | (1-4) | **(1-4)** |
| Oakham | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | † | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Orange | 9 | 8 | (1-4) | \* | **27** | \* | 12 | 16 | (1-4) | **36** | (1-4) | \* | **17** |
| Orleans | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | (1-4) | (1-4) | **14** | (1-4) | (1-4) | **(1-4)** |
| Otis | † | † | † | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Oxford | 9 | 9 | 9 | 11 | **38** | 7 | (1-4) | 8 | \* | **24** | (1-4) | \* | **8** |
| Palmer | 10 | 10 | 9 | 16 | **45** | 6 | 17 | 22 | 8 | **53** | 10 | 6 | **16** |
| Paxton | (1-4) | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **7** | (1-4) | (1-4) | **(1-4)** |
| Peabody | 31 | 32 | 34 | 30 | **127** | 25 | 17 | 20 | 24 | **86** | 32 | 36 | **68** |
| Pelham | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Pembroke | 5 | 8 | 9 | 7 | **29** | 7 | 14 | 11 | 11 | **43** | (1-4) | (1-4) | **5** |
| Pepperell | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | (1-4) | **(1-4)** |
| Peru | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Petersham | (1-4) | † | † | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Phillipston | † | † | (1-4) | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Pittsfield | 56 | 46 | 94 | 59 | **255** | 64 | 116 | 114 | 90 | **384** | 66 | 68 | **134** |
| Plainfield | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Plainville | (1-4) | 9 | (1-4) | (1-4) | **21** | 5 | 5 | (1-4) | (1-4) | **16** | (1-4) | \* | **10** |
| Plymouth | 43 | 29 | 36 | 39 | **147** | 44 | 49 | 58 | 38 | **189** | 39 | 43 | **82** |
| Plympton | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **5** | † | † | **†** |

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|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Princeton | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | † | (1-4) | **(1-4)** | † | † | **†** |
| Provincetown | (1-4) | 11 | 8 | (1-4) | **26** | (1-4) | (1-4) | (1-4) | (1-4) | **12** | (1-4) | (1-4) | **(1-4)** |
| Quincy | 75 | 70 | 116 | 78 | **339** | 66 | 98 | 99 | 87 | **350** | 86 | 90 | **176** |
| Randolph | 16 | 20 | 15 | 11 | **62** | 12 | 17 | 27 | 11 | **67** | 16 | 20 | **36** |
| Raynham | 8 | 13 | 13 | 12 | **46** | 9 | 8 | 13 | 18 | **48** | 11 | 15 | **26** |
| Reading | (1-4) | 9 | 5 | (1-4) | **22** | (1-4) | (1-4) | (1-4) | 6 | **15** | † | † | **†** |
| Rehoboth | (1-4) | † | (1-4) | 5 | **7** | (1-4) | 6 | 6 | (1-4) | **20** | (1-4) | (1-4) | **7** |
| Revere | 41 | 57 | 53 | 28 | **179** | 35 | 35 | 57 | 54 | **181** | 55 | 58 | **113** |
| Richmond | † | † | (1-4) | † | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** | † | † | **†** |
| Rochester | † | 5 | † | † | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | (1-4) | **(1-4)** |
| Rockland | 10 | 9 | 12 | 20 | **51** | 12 | 6 | 9 | 19 | **46** | 10 | 9 | **19** |
| Rockport | (1-4) | † | (1-4) | † | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | **(1-4)** |
| Rowe | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Rowley | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | **(1-4)** |
| Royalston | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Russell | (1-4) | (1-4) | (1-4) | (1-4) | **6** | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | **(1-4)** |
| Rutland | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | (1-4) | † | **6** | (1-4) | † | **(1-4)** |
| Salem | 33 | 29 | 40 | 29 | **131** | 25 | 32 | 41 | 33 | **131** | 26 | 40 | **66** |
| Salisbury | 6 | 8 | 6 | 7 | **27** | (1-4) | 8 | 17 | \* | **35** | 10 | 9 | **19** |
| Sandisfield | † | † | † | † | **†** | † | † | † | (1-4) | **(1-4)** | † | † | **†** |
| Sandwich | 7 | 7 | \* | (1-4) | **24** | 10 | (1-4) | † | \* | **23** | (1-4) | \* | **16** |
| Saugus | 33 | 30 | 22 | 29 | **114** | 26 | 19 | 27 | 26 | **98** | 38 | 35 | **73** |
| Savoy | † | † | † | (1-4) | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Scituate | (1-4) | (1-4) | (1-4) | 7 | **16** | (1-4) | (1-4) | (1-4) | † | **7** | (1-4) | (1-4) | **(1-4)** |
| Seekonk | 5 | 5 | 5 | 9 | **24** | (1-4) | 11 | 13 | \* | **36** | 10 | 10 | **20** |
| Sharon | (1-4) | (1-4) | † | (1-4) | **5** | (1-4) | (1-4) | † | (1-4) | **7** | (1-4) | (1-4) | **7** |
| Sheffield | (1-4) | (1-4) | (1-4) | (1-4) | **5** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Shelburne | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Sherborn | † | † | † | (1-4) | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Shirley | (1-4) | (1-4) | 7 | (1-4) | **19** | 6 | (1-4) | (1-4) | (1-4) | **12** | 9 | 5 | **14** |
| Shrewsbury | 17 | 15 | 26 | 24 | **82** | 10 | 16 | 10 | 9 | **45** | 8 | 5 | **13** |
| Shutesbury | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Somerset | (1-4) | 10 | 11 | (1-4) | **27** | 10 | 8 | 15 | 9 | **42** | 10 | 11 | **21** |
| Somerville | 25 | 33 | 42 | 35 | **135** | 24 | 45 | 31 | 46 | **146** | 38 | 46 | **84** |
| South Hadley | 10 | 5 | 10 | 6 | **31** | 11 | 13 | \* | (1-4) | **38** | 8 | 6 | **14** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Southampton | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | † | † | (1-4) | **(1-4)** | † | (1-4) | **(1-4)** |
| Southborough | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | (1-4) | 6 | (1-4) | **11** | (1-4) | (1-4) | **(1-4)** |
| Southbridge | 32 | 32 | 28 | 21 | **113** | 14 | 36 | 36 | 30 | **116** | 22 | 29 | **51** |
| Southwick | (1-4) | 6 | 5 | (1-4) | **17** | (1-4) | 6 | (1-4) | (1-4) | **13** | (1-4) | (1-4) | **(1-4)** |
| Spencer | 9 | 9 | 13 | 15 | **46** | 18 | 22 | 16 | 10 | **66** | 9 | 8 | **17** |
| Springfield | 229 | 292 | 335 | 283 | **1139** | 243 | 365 | 330 | 209 | **1147** | 265 | 308 | **573** |
| Sterling | (1-4) | 5 | (1-4) | 6 | **16** | (1-4) | 5 | (1-4) | (1-4) | **11** | (1-4) | (1-4) | **6** |
| Stockbridge | (1-4) | † | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Stoneham | \* | 13 | 10 | (1-4) | **32** | 8 | 9 | 20 | 12 | **49** | 15 | 9 | **24** |
| Stoughton | 22 | 22 | 20 | 29 | **93** | 18 | 20 | 19 | 19 | **76** | 14 | 22 | **36** |
| Stow | † | † | (1-4) | † | **(1-4)** | † | † | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| Sturbridge | 6 | (1-4) | (1-4) | 5 | **18** | (1-4) | 11 | \* | 7 | **27** | 7 | 12 | **19** |
| Sudbury | † | (1-4) | † | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **6** | † | † | **†** |
| Sunderland | † | (1-4) | † | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | 5 | **5** |
| Sutton | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | 9 | 5 | (1-4) | **20** | (1-4) | (1-4) | **8** |
| Swampscott | (1-4) | 5 | † | (1-4) | **11** | (1-4) | 5 | (1-4) | 5 | **15** | (1-4) | (1-4) | **8** |
| Swansea | 13 | (1-4) | 13 | (1-4) | **34** | 11 | 13 | 9 | 14 | **47** | 6 | 6 | **12** |
| Taunton | 47 | 40 | 53 | 45 | **185** | 51 | 48 | 55 | 53 | **207** | 34 | 38 | **72** |
| Templeton | \* | 8 | (1-4) | 7 | **24** | 9 | (1-4) | (1-4) | (1-4) | **15** | \* | (1-4) | **11** |
| Tewksbury | 18 | 25 | 20 | 19 | **82** | 17 | 23 | 24 | 20 | **84** | 22 | 19 | **41** |
| Tisbury | (1-4) | (1-4) | † | (1-4) | **6** | † | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | **5** |
| Tolland | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Topsfield | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **5** | (1-4) | † | **(1-4)** |
| Townsend | (1-4) | (1-4) | (1-4) | 5 | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | **(1-4)** |
| Truro | † | † | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | 5 | **5** |
| Tyngsborough | (1-4) | (1-4) | (1-4) | (1-4) | **12** | † | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | **7** |
| Tyringham | † | † | (1-4) | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Upton | (1-4) | 6 | \* | † | **14** | (1-4) | (1-4) | (1-4) | (1-4) | **5** | (1-4) | (1-4) | **6** |
| Uxbridge | 5 | (1-4) | 7 | (1-4) | **18** | 7 | (1-4) | (1-4) | (1-4) | **15** | (1-4) | \* | **10** |
| Wakefield | 20 | 11 | 14 | 13 | **58** | 5 | 10 | 20 | 16 | **51** | 14 | 11 | **25** |
| Wales | † | (1-4) | † | † | **(1-4)** | † | † | † | (1-4) | **(1-4)** | (1-4) | † | **(1-4)** |
| Walpole | 6 | 10 | 6 | 8 | **30** | 7 | 6 | 8 | 7 | **28** | \* | (1-4) | **16** |
| Waltham | 21 | 31 | 36 | 34 | **122** | 16 | 21 | 32 | 25 | **94** | 36 | 42 | **78** |
| Ware | 7 | 9 | 10 | 7 | **33** | 11 | 9 | 10 | 8 | **38** | 10 | 8 | **18** |
| Wareham | 30 | 31 | 25 | 32 | **118** | 33 | 27 | 46 | 37 | **143** | 21 | 27 | **48** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | | **2021** | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Warren | \* | (1-4) | 6 | 10 | **26** | 6 | (1-4) | (1-4) | † | **9** | 9 | † | **9** |
| Warwick | † | † | † | (1-4) | **(1-4)** | † | † | (1-4) | † | **(1-4)** | † | † | **†** |
| Washington | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| Watertown | 9 | 12 | 11 | 5 | **37** | 10 | 9 | 17 | 10 | **46** | 12 | 9 | **21** |
| Wayland | (1-4) | † | (1-4) | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** | (1-4) | † | **(1-4)** |
| Webster | 37 | 39 | 26 | 39 | **141** | 22 | 27 | 24 | 29 | **102** | 26 | 25 | **51** |
| Wellesley | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | † | (1-4) | (1-4) | **7** | \* | (1-4) | **10** |
| Wellfleet | † | \* | (1-4) | † | **7** | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Wendell | † | (1-4) | † | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Wenham | † | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** | † | (1-4) | **(1-4)** |
| West Boylston | 8 | 5 | (1-4) | (1-4) | **18** | \* | (1-4) | 5 | 6 | **19** | (1-4) | \* | **9** |
| West  Bridgewater | (1-4) | 5 | (1-4) | (1-4) | **13** | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | \* | **7** |
| West  Brookfield | (1-4) | (1-4) | † | 6 | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | **5** |
| West Newbury | † | † | † | † | **†** | † | † | † | † | **†** | † | † | **†** |
| West  Springfield | 30 | 30 | 33 | 42 | **135** | 27 | 46 | 60 | 34 | **167** | 39 | 44 | **83** |
| West  Stockbridge | † | † | † | † | **†** | (1-4) | † | (1-4) | † | **(1-4)** | † | † | **†** |
| West Tisbury | (1-4) | † | † | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Westborough | 14 | 13 | 15 | 20 | **62** | 24 | 21 | 22 | 24 | **91** | 17 | 13 | **30** |
| Westfield | 21 | 24 | 31 | 29 | **105** | 27 | 35 | 33 | 20 | **115** | 28 | 22 | **50** |
| Westford | (1-4) | (1-4) | (1-4) | † | **10** | (1-4) | † | (1-4) | (1-4) | **6** | 6 | 8 | **14** |
| Westhampton | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** | † | † | **†** |
| Westminster | \* | 9 | (1-4) | 9 | **28** | 12 | 11 | 7 | 8 | **38** | 10 | 10 | **20** |
| Weston | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | † | (1-4) | **5** | † | (1-4) | **(1-4)** |
| Westport | (1-4) | 8 | \* | 9 | **26** | 7 | 6 | 13 | 8 | **34** | (1-4) | \* | **9** |
| Westwood | (1-4) | (1-4) | † | (1-4) | **8** | (1-4) | † | (1-4) | (1-4) | **7** | (1-4) | (1-4) | **6** |
| Weymouth | 41 | 44 | 47 | 50 | **182** | 28 | 58 | 52 | 49 | **187** | 31 | 30 | **61** |
| Whately | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | **(1-4)** |
| Whitman | 11 | 8 | 10 | 7 | **36** | 7 | 8 | 6 | 10 | **31** | 5 | 10 | **15** |
| Wilbraham | 12 | (1-4) | 8 | \* | **30** | \* | 9 | (1-4) | 12 | **30** | \* | (1-4) | **9** |
| Williamsburg | (1-4) | † | (1-4) | (1-4) | **6** | (1-4) | (1-4) | (1-4) | (1-4) | **8** | † | † | **†** |
| Williamstown | (1-4) | (1-4) | (1-4) | † | **7** | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | (1-4) | **(1-4)** |
| Wilmington | 16 | 10 | 16 | 7 | **49** | 8 | (1-4) | (1-4) | 6 | **19** | 10 | 16 | **26** |
| Winchendon | (1-4) | 13 | 9 | \* | **31** | 6 | 10 | 9 | 12 | **37** | 11 | 5 | **16** |
|  |  |  | **2019** |  |  |  |  | **2020** |  |  |  | **2021** |  |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | **Total** |
| Winchester | (1-4) | 8 | 5 | (1-4) | **19** | (1-4) | (1-4) | (1-4) | (1-4) | **10** | † | 6 | **6** |
| Windsor | † | (1-4) | † | † | **(1-4)** | † | † | † | † | **†** | † | † | **†** |
| Winthrop | \* | 8 | (1-4) | 13 | **31** | 15 | 10 | \* | (1-4) | **33** | 9 | 9 | **18** |
| Woburn | 23 | 22 | 29 | 37 | **111** | 20 | 16 | 23 | 24 | **83** | 24 | 31 | **55** |
| Worcester | 406 | 425 | 412 | 357 | **1600** | 338 | 299 | 394 | 257 | **1288** | 343 | 281 | **624** |
| Worthington | † | † | † | (1-4) | **(1-4)** | † | † | † | (1-4) | **(1-4)** | (1-4) | † | **(1-4)** |
| Wrentham | (1-4) | \* | 11 | 7 | **28** | 6 | 5 | (1-4) | (1-4) | **18** | (1-4) | (1-4) | **7** |
| Yarmouth | 19 | 21 | 22 | 13 | **75** | 16 | 21 | 23 | 15 | **75** | 18 | 31 | **49** |
| Unknown | (1-4) | (1-4) | (1-4) | (1-4) | **13** | † | † | (1-4) | † | **(1-4)** | † | (1-4) | **(1-4)** |
| **Grand Total** | **4905** | **5568** | **5785** | **5125** | **21383** | **4837** | **5439** | **5977** | **4814** | **21067** | **5140** | **5604** | **10744** |

# Technical Notes

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# Source

• Bureau of Health Care Safety and Quality, MDPHC