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| MA Opioid-RelatedEMS Incidents 2013-Q3 2022   |
| Massachusetts Department of Public Health POSTED: DECEMBER 2022  |

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 8.4% per quarter between January 2013 and September 2015, and then decreased 0.2% each quarter through September 2022. The number of all EMS incidents involving naloxone administration (Figure 2) increased on average 7.5% per quarter between January 2013 and February 2016 and then decreased 0.6% per quarter through September 2022. From Jan-Sep 2022, the greatest number of suspected opioid-related incidents treated by EMS were among males aged 35-44, accounting for 21% of opioid-related incidents with a known age and sex. In the first nine months of 2022, 58.2% of all Opioid-Related Events were categorized as Acute Opioid Overdose Events, 18.3% were categorized as Other Opioid Related Events, 17.2% were categorized as

Opioid Intoxicated Events, 4.6% were categorized as Opioid Withdrawal Events, and 1.6% were categorized as Dead on Arrival Events. Naloxone was administered in 97% of the Acute Opioid Overdose Events during the first nine months of 2022 (Figure 3).

All Suspected Opioid Related Incidents by Sex: 2022 Q1

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|   | 11-14  | 15-24  | 25-34  | 35-44  | 45-54  |  55-64 65† Total  |
| Male  | (1-4)  | 163  | 881  | 873  | 550  |  403 173 3,043\*  |
| Female  | (1-4)  | 79  | 351  | 373  | 204  |  161 116 1,284\*  |
| Total  | (1-4)  | 242  | 1,232  | 1,246  | 754  |  564 289 4,327\*  |
|  |  |  |  |  |  | \*Total of non-suppressed numbers  |

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|  | All Suspected Opioid Related Incidents by Sex: 2022 Q2  |
|   | 11-14  | 15-24 25-34  | 35-44 45-54 55-64 65† Total  |
| Male  | 0  | 188 905  | 1,033 623 441 170 3,360\*  |
| Female  | (1-4)  |  94 365  | 447 255 214 111 1,486\*  |
| Total  | (1-4)  | 282 1,270  | 1,480 878 655 281 4,846\*  |
|  |  |  | \*Total of non-suppressed numbers  |

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|  | All Suspected Opioid Related Incidents by Sex: 2022 Q3  |
|   | 11-14  | 15-24 25-34  | 35-44 45-54 55-64 65† Total  |
| Male  | (1-4)  | 179 886  | 1,052 644 506 224 3,491\*  |
| Female  | (1-4)  | 118 414  | 498 259 187 140 1,616\*  |
| Total  | (1-4)  | 297 1,300  | 1,550 903 693 364 5,107\*  |
|  |  |  | \*Total of non-suppressed numbers  |

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| ORI Severity Category  | Jan 2022  | Feb 2022  | Mar 2022  | All Suspected Opioid Related Incidents by Severity CategoryApril 2022  | May 2022  | June 2022  | July 2022  |  Aug 2022  | Sept 2022  | Total  |
| DOA Events  | 33  | 23  | 27  | 24  | 21  | 25  | 32  | 25  | 24  | 234  |
| DOA %  | 2.4%  | 1.7%  | 1.7%  | 1.6%  | 1.3%  | 1.5%  | 1.8%  | 1.4%  | 1.5%  | 1.6%  |
| Acute Overdose Events  | 763  | 785  | 910  | 864  | 1,001  | 1,018  | 1,054  | 1,028  | 923  | 8,346  |
| Acute Overdose %  | 55.8%  | 56.6%  | 57.4%  | 58.0%  | 59.6%  | 60.0%  | 58.6%  | 59.4%  | 57.4%  | 58.2%  |
| Opioid Intoxicated Events  | 257  | 228  | 284  | 265  | 278  | 284  | 305  | 286  | 285  | 2,472  |
| Opioid Intoxicated %  | 18.8%  | 16.5%  | 17.9%  | 17.8%  | 16.6%  | 16.7%  | 17.0%  | 16.5%  | 17.7%  | 17.2%  |
| Opioid Withdrawal Events  | 58  | 79  | 69  | 63  | 78  | 79  | 83  | 82  | 68  | 659  |
| Opioid Withdrawal %  | 4.2%  | 5.7%  | 4.4%  | 4.2%  | 4.6%  | 4.7%  | 4.6%  | 4.7%  | 4.2%  | 4.6%  |
| Other Opioid-Related Events  | 256  | 271  | 295  | 273  | 301  | 291  | 325  | 310  | 307  | 2,629  |
| Other Opioid-Related %  | 18.7%  | 19.6%  | 18.6%  | 18.3%  | 17.9%  | 17.1%  | 18.1%  | 17.9%  | 19.1%  | 18.3%  |
| Total  | 1,367  | 1,386  | 1,585  | 1,489  | 1,679  | 1,697  | 1,799  | 1,731  | 1,607  | 1,4340  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Abington  | 10  | (1-4)  | 8  | \*  | 28  | 7  | 9  | 8  | 10  | 34  | 11  | 9  | 8  | 28  |
| Acton  | †  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | 5  | (1-4)  | 12  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Acushnet  | 8  | 9  | 7  | 10  | 34  | 7  | 5  | 5  | 7  | 24  | (1-4)  | 7  | (1-4)  | 12  |
| Adams  | 7  | 8  | 7  | 5  | 27  | 10  | \*  | 6  | (1-4)  | 25  | \*  | (1-4)  | 7  | 17  |
| Agawam  | 11  | 22  | 16  | 20  | 69  | 15  | 11  | 20  | 18  | 64  | 19  | 12  | 10  | 41  |
| Alford  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Amesbury  | 7  | 13  | 9  | 6  | 35  | 7  | (1-4)  | \*  | 6  | 19  | 9  | \*  | (1-4)  | 18  |
| Amherst  | 9  | \*  | 5  | (1-4)  | 21  | 7  | (1-4)  | 10  | \*  | 26  | 11  | 9  | 5  | 25  |
| Andover  | \*  | 16  | 19  | (1-4)  | 48  | 13  | 17  | 9  | 12  | 51  | 12  | 5  | 11  | 28  |
| Aquinnah  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Arlington  | 11  | 7  | 7  | 8  | 33  | 10  | 15  | 13  | 12  | 50  | 12  | 8  | 8  | 28  |
| Ashburnham  | (1-4)  | (1-4)  | (1-4)  | 7  | 14  | (1-4)  | †  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Ashby  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | †  | 5  |
| Ashfield  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| Ashland  | (1-4)  | 7  | 5  | (1-4)  | 18  | (1-4)  | (1-4)  | 8  | (1-4)  | 17  | (1-4)  | 14  | (1-4)  | 19  |
| Athol  | 19  | 22  | 9  | 10  | 60  | 16  | 21  | 18  | 7  | 62  | 16  | 17  | 12  | 45  |
| Attleboro  | 27  | 14  | 31  | 32  | 104  | 24  | 33  | 44  | 28  | 129  | 23  | 31  | 19  | 73  |
| Auburn  | 7  | 13  | 7  | 10  | 37  | (1-4)  | \*  | 18  | 13  | 47  | 19  | 6  | 7  | 32  |
| Avon  | (1-4)  | 5  | (1-4)  | (1-4)  | 14  | 7  | (1-4)  | 6  | (1-4)  | 18  | (1-4)  | (1-4)  | (1-4)  | 9  |
| Ayer  | (1-4)  | 7  | (1-4)  | 5  | 16  | \*  | 11  | 10  | (1-4)  | 33  | (1-4)  | (1-4)  | 5  | 10  |
| Barnstable  | 54  | 46  | 47  | 48  | 195  | 50  | 44  | 76  | 43  | 213  | 34  | 41  | 47  | 122  |
| Barre  | 6  | 5  | 6  | 6  | 23  | 7  | (1-4)  | (1-4)  | (1-4)  | 15  | (1-4)  | †  | \*  | 10  |
| Becket  | †  | (1-4)  | (1-4)  | (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  | (1-4)  | 6  | (1-4)  | 14  |
| Belchertown  | 9  | (1-4)  | 5  | (1-4)  | 21  | (1-4)  | (1-4)  | 6  | (1-4)  | 15  | (1-4)  | 8  | \*  | 16  |
| Bellingham  | 10  | (1-4)  | 6  | (1-4)  | 20  | 5  | 5  | 5  | 12  | 27  | (1-4)  | 5  | (1-4)  | 10  |
| Belmont  | 6  | (1-4)  | (1-4)  | (1-4)  | 12  | (1-4)  | 6  | (1-4)  | 7  | 18  | (1-4)  | (1-4)  | (1-4)  | 11  |
| Berkley  | †  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | †  | (1-4)  | 8  | †  | (1-4)  | (1-4)  | (1-4)  |
| Berlin  | \*  | †  | (1-4)  | †  | 7  | †  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Bernardston  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| Beverly  | 26  | 24  | 27  | 12  | 89  | 20  | 14  | 22  | 14  | 70  | 14  | 11  | 12  | 37  |
| Billerica  | 18  | 9  | 11  | 9  | 47  | 14  | 12  | 9  | 23  | 58  | 10  | 8  | 13  | 31  |
| Blackstone  | 5  | (1-4)  | (1-4)  | 5  | 15  | (1-4)  | 5  | (1-4)  | 5  | 15  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Blandford  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Bolton  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Boston  | 718  | 922  | 897  | 746  | 3283  | 849  | 914  | 1010  | 792  | 3565  | 592  | 673  | 774  | 2039  |
| Bourne  | 10  | 15  | 18  | 13  | 56  | 16  | 11  | 21  | 10  | 58  | 10  | 10  | 15  | 35  |
| Boxborough  | †  | †  | (1-4)  | (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)  |
| Braintree  | 18  | 17  | 20  | 27  | 82  | 20  | 17  | 25  | 19  | 81  | 20  | 19  | 15  | 54  |
| Brewster  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 12  | †  | (1-4)  | (1-4)  | (1-4)  | 6  | †  | †  | 5  | 5  |
| Bridgewater  | 19  | 10  | 9  | 18  | 56  | 12  | 7  | 16  | 11  | 46  | \*  | 13  | (1-4)  | 22  |
| Brimfield  | †  | 5  | (1-4)  | (1-4)  | 7  | (1-4)  | †  | (1-4)  | (1-4)  | 6  | (1-4)  | †  | †  | (1-4)  |
| Brockton  | 141  | 119  | 119  | 103  | 482  | 88  | 123  | 128  | 131  | 470  | 98  | 118  | 126  | 342  |
| Brookfield  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 11  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | †  | (1-4)  | (1-4)  |
| Brookline  | 9  | \*  | 8  | (1-4)  | 28  | 8  | 12  | 10  | 7  | 37  | 7  | 10  | 8  | 25  |
| Buckland  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  |
| Burlington  | 9  | \*  | 9  | (1-4)  | 27  | 9  | (1-4)  | (1-4)  | 5  | 19  | \*  | (1-4)  | 9  | 19  |
| Cambridge  | 63  | 75  | 103  | 72  | 313  | 137  | 112  | 112  | 108  | 469  | 130  | 130  | 166  | 426  |
| Canton  | 10  | (1-4)  | \*  | 9  | 32  | 7  | 7  | 11  | 10  | 35  | \*  | (1-4)  | 7  | 16  |
| Carlisle  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  |
| Carver  | (1-4)  | \*  | 8  | 7  | 23  | 9  | 6  | 14  | 12  | 41  | (1-4)  | \*  | 5  | 11  |
| Charlemont  | †  | \*  | (1-4)  | †  | 8  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Charlton  | (1-4)  | 6  | 8  | (1-4)  | 16  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | (1-4)  | (1-4)  | 5  | 9  |
| Chatham  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 7  | (1-4)  | (1-4)  | (1-4)  | 10  |
| Chelmsford  | 14  | 9  | 6  | 11  | 40  | 13  | 7  | 11  | 18  | 49  | (1-4)  | \*  | 8  | 20  |
| Chelsea  | 24  | 28  | 42  | 34  | 128  | 50  | 57  | 39  | 50  | 196  | 41  | 57  | 73  | 171  |
| Cheshire  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | †  | 6  | (1-4)  | (1-4)  | (1-4)  | 5  |
| Chester  | †  | (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)  |
| Chicopee  | 76  | 96  | 82  | 65  | 319  | 63  | 93  | 77  | 82  | 315  | 48  | 76  | 102  | 226  |
| Chilmark  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  |
| Clarksburg  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Clinton  | 10  | \*  | (1-4)  | 5  | 22  | 7  | 6  | 16  | 14  | 43  | (1-4)  | 5  | (1-4)  | 12  |
| Cohasset  | (1-4)  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | (1-4)  | 7  | \*  | 15  |
| Colrain  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  |
| Concord  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 5  | 11  | \*  | (1-4)  | 6  | 16  |
| Conway  | †  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Cummington  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  | †  | †  | †  | †  | †  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Dalton  | †  | 6  | (1-4)  | (1-4)  | 10  | 5  | (1-4)  | (1-4)  | (1-4)  | 15  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Danvers  | 21  | 35  | 47  | 38  | 141  | 44  | 39  | 39  | 33  | 155  | 24  | 32  | 30  | 86  |
| Dartmouth  | 20  | 19  | 39  | 26  | 104  | 22  | 40  | 37  | 22  | 121  | 26  | \*  | (1-4)  | 37  |
| Dedham  | 16  | 15  | 13  | 14  | 58  | 14  | 15  | 9  | 9  | 47  | 8  | 9  | 6  | 23  |
| Deerfield  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | 6  |
| Dennis  | 8  | 11  | \*  | (1-4)  | 29  | 5  | 10  | 12  | 15  | 42  | (1-4)  | (1-4)  | 6  | 11  |
| Dighton  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  |
| Douglas  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 11  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 11  | †  | (1-4)  | †  | (1-4)  |
| Dover  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  |
| Dracut  | 13  | 11  | 12  | 7  | 43  | 11  | 10  | 7  | 17  | 45  | 14  | 9  | 5  | 28  |
| Dudley  | 7  | 8  | 6  | 7  | 28  | (1-4)  | (1-4)  | 11  | 6  | 23  | 11  | 9  | 8  | 28  |
| Dunstable  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | †  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  |
| Duxbury  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 10  | (1-4)  | 5  | (1-4)  | 5  | 16  | (1-4)  | (1-4)  | †  | (1-4)  |
| East Bridgewater  | (1-4)  | 6  | (1-4)  | (1-4)  | 15  | 5  | (1-4)  | 6  | (1-4)  | 16  | (1-4)  | (1-4)  | (1-4)  | 5  |
| East Brookfield  | †  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | †  | 5  | 5  | (1-4)  | (1-4)  | 9  |
| East Longmeadow  | (1-4)  | (1-4)  | 9  | 6  | 17  | 10  | 10  | (1-4)  | (1-4)  | 26  | (1-4)  | 12  | \*  | 20  |
| Eastham  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 7  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Easthampton  | 11  | \*  | 8  | (1-4)  | 28  | 14  | 9  | 11  | 10  | 44  | 7  | 12  | 10  | 29  |
| Easton  | 7  | \*  | 7  | (1-4)  | 21  | 11  | 11  | 10  | 10  | 42  | 5  | 9  | 6  | 20  |
| Edgartown  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | 6  |
| Egremont  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Erving  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Essex  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Everett  | 30  | 30  | 35  | 36  | 131  | 42  | 37  | 54  | 32  | 165  | 22  | 55  | 32  | 109  |
| Fairhaven  | 19  | 17  | 7  | 12  | 55  | 22  | 21  | 12  | 6  | 61  | 7  | 14  | 8  | 29  |
| Fall River  | 188  | 203  | 241  | 202  | 834  | 178  | 223  | 251  | 195  | 847  | 142  | 208  | 225  | 575  |
| Falmouth  | 33  | 45  | 36  | 38  | 152  | 32  | 14  | 37  | 25  | 108  | 19  | 20  | 31  | 70  |
| Fitchburg  | 50  | 65  | 58  | 56  | 229  | 21  | 78  | 80  | 81  | 260  | 23  | 44  | 72  | 139  |
| Florida  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Foxborough  | 15  | 15  | 12  | 14  | 56  | 13  | 12  | 12  | 7  | 44  | 6  | 5  | 5  | 16  |
| Framingham  | 47  | 24  | 37  | 29  | 137  | 30  | 30  | 47  | 38  | 145  | 25  | 36  | 46  | 107  |
| Franklin  | 7  | 5  | 13  | 9  | 34  | 14  | 12  | 9  | 8  | 43  | \*  | 8  | (1-4)  | 19  |
| Freetown  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | 6  | (1-4)  | (1-4)  | 12  |
| Gardner  | 20  | 21  | 39  | 15  | 95  | 31  | 20  | 26  | 44  | 121  | 19  | 32  | 32  | 83  |
| Georgetown  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | †  | (1-4)  | 8  | (1-4)  | (1-4)  | (1-4)  | 7  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Gill  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Gloucester  | 18  | 17  | 23  | 19  | 77  | 18  | 22  | 25  | 19  | 84  | 20  | 28  | 16  | 64  |
| Goshen  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
| Gosnold  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Grafton  | 5  | 7  | (1-4)  | (1-4)  | 17  | 8  | 6  | (1-4)  | (1-4)  | 19  | (1-4)  | (1-4)  | 8  | 14  |
| Granby  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | 6  | (1-4)  | 13  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Granville  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
| Great Barrington  | 7  | (1-4)  | (1-4)  | 7  | 21  | \*  | 10  | 6  | (1-4)  | 24  | \*  | 7  | (1-4)  | 18  |
| Greenfield  | 23  | 32  | 28  | 28  | 111  | 22  | 26  | 37  | 19  | 104  | 27  | 22  | 24  | 73  |
| Groton  | (1-4)  | †  | †  | (1-4)  | 5  | (1-4)  | †  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Groveland  | (1-4)  | †  | (1-4)  | (1-4)  | 5  | (1-4)  | †  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Hadley  | (1-4)  | (1-4)  | 6  | (1-4)  | 16  | (1-4)  | (1-4)  | (1-4)  | 8  | 17  | †  | (1-4)  | (1-4)  | (1-4)  |
| Halifax  | (1-4)  | (1-4)  | 5  | 6  | 14  | (1-4)  | (1-4)  | 9  | (1-4)  | 18  | (1-4)  | (1-4)  | (1-4)  | 9  |
| Hamilton  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | †  | (1-4)  |
| Hampden  | 7  | (1-4)  | (1-4)  | (1-4)  | 17  | (1-4)  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  |
| Hancock  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Hanover  | (1-4)  | (1-4)  | (1-4)  | 5  | 11  | (1-4)  | (1-4)  | (1-4)  | †  | 6  | 7  | (1-4)  | (1-4)  | 15  |
| Hanson  | (1-4)  | (1-4)  | †  | †  | 5  | (1-4)  | (1-4)  | (1-4)  | 6  | 9  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Hardwick  | (1-4)  | (1-4)  | (1-4)  | †  | 5  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
| Harvard  | †  | (1-4)  | (1-4)  | (1-4)  | 5  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Harwich  | \*  | 6  | (1-4)  | 7  | 21  | \*  | 9  | 10  | (1-4)  | 29  | 6  | (1-4)  | \*  | 13  |
| Hatfield  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| Haverhill  | 68  | 51  | 64  | 58  | 241  | 69  | 70  | 77  | 61  | 277  | 55  | 56  | 52  | 163  |
| Hawley  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Heath  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Hingham  | (1-4)  | †  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | (1-4)  | 6  | 15  | (1-4)  | (1-4)  | 5  | 12  |
| Hinsdale  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Holbrook  | 6  | 10  | 5  | 11  | 32  | 10  | 10  | 8  | 6  | 34  | \*  | 10  | (1-4)  | 21  |
| Holden  | 6  | (1-4)  | 7  | \*  | 19  | (1-4)  | 8  | (1-4)  | (1-4)  | 17  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Holland  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  |
| Holliston  | (1-4)  | †  | 5  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Holyoke  | 145  | 120  | 155  | 73  | 493  | 88  | 143  | 109  | 96  | 436  | 88  | 128  | 107  | 323  |
| Hopedale  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 10  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Hopkinton  | (1-4)  | †  | (1-4)  | (1-4)  | 8  | (1-4)  | (1-4)  | (1-4)  | †  | 9  | (1-4)  | (1-4)  | †  | (1-4)  |
| Hubbardston  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | 5  | (1-4)  | (1-4)  | (1-4)  | 6  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Hudson  | †  | 6  | 7  | 7  | 20  | 14  | 9  | \*  | (1-4)  | 30  | (1-4)  | 8  | \*  | 16  |
| Hull  | 6  | 9  | 5  | 7  | 27  | (1-4)  | (1-4)  | (1-4)  | 7  | 14  | 8  | 5  | 7  | 20  |
| Huntington  | (1-4)  | (1-4)  | (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  | (1-4)  | (1-4)  | (1-4)  | 5  |
| Kingston  | (1-4)  | (1-4)  | 9  | 5  | 19  | 5  | (1-4)  | (1-4)  | (1-4)  | 12  | 6  | 6  | 5  | 17  |
| Lakeville  | 19  | 16  | 28  | 26  | 89  | 34  | \*  | (1-4)  | †  | 61  | 11  | 6  | 5  | 22  |
| Lancaster  | (1-4)  | 5  | (1-4)  | †  | 13  | (1-4)  | 5  | (1-4)  | 5  | 16  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Lanesborough  | †  | 5  | 6  | †  | 11  | 5  | (1-4)  | (1-4)  | (1-4)  | 15  | †  | (1-4)  | \*  | 7  |
| Lawrence  | 118  | 114  | 128  | 121  | 481  | 81  | 118  | 136  | 115  | 450  | 102  | 97  | 137  | 336  |
| Lee  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 10  | (1-4)  | 5  | (1-4)  | (1-4)  | 14  | (1-4)  | (1-4)  | 5  | 10  |
| Leicester  | 7  | 7  | \*  | (1-4)  | 23  | 7  | (1-4)  | 5  | (1-4)  | 19  | 7  | 7  | 6  | 20  |
| Lenox  | (1-4)  | 6  | (1-4)  | (1-4)  | 15  | (1-4)  | (1-4)  | (1-4)  | 8  | 17  | (1-4)  | (1-4)  | (1-4)  | 9  |
| Leominster  | 19  | 19  | 30  | 34  | 102  | 36  | 38  | 37  | 33  | 144  | 29  | 40  | 28  | 97  |
| Leverett  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Lexington  | (1-4)  | (1-4)  | †  | (1-4)  | 5  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 13  | (1-4)  | (1-4)  | (1-4)  | 9  |
| Leyden  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Lincoln  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  |
| Littleton  | (1-4)  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | (1-4)  | 6  | (1-4)  | 9  |
| Longmeadow  | †  | †  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | †  | 8  | (1-4)  | (1-4)  | (1-4)  | 10  |
| Lowell  | 120  | 162  | 165  | 120  | 567  | 159  | 157  | 198  | 161  | 675  | 138  | 140  | 201  | 479  |
| Ludlow  | 16  | 22  | 9  | 11  | 58  | 17  | 14  | 10  | 13  | 54  | 9  | 10  | 6  | 25  |
| Lunenburg  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | 13  | †  | (1-4)  | †  | (1-4)  |
| Lynn  | 126  | 89  | 138  | 100  | 453  | 81  | 135  | 155  | 150  | 521  | 101  | 110  | 130  | 341  |
| Lynnfield  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 7  | †  | 5  | (1-4)  | (1-4)  | 10  | (1-4)  | (1-4)  | 7  | 12  |
| Malden  | 25  | 31  | 32  | 42  | 130  | 50  | 43  | 45  | 45  | 183  | 38  | 44  | 45  | 127  |
| Manchester  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| Mansfield  | 5  | 7  | 13  | 6  | 31  | 10  | 5  | 9  | 9  | 33  | (1-4)  | \*  | 11  | 23  |
| Marblehead  | (1-4)  | (1-4)  | 7  | (1-4)  | 16  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | 5  | (1-4)  | 11  |
| Marion  | (1-4)  | †  | (1-4)  | †  | 5  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Marlborough  | 18  | 19  | 24  | 17  | 78  | 27  | 24  | 34  | 18  | 103  | 20  | 19  | 17  | 56  |
| Marshfield  | 12  | 7  | 13  | 11  | 43  | 7  | 16  | 5  | 7  | 35  | \*  | (1-4)  | 7  | 17  |
| Mashpee  | \*  | 9  | 12  | (1-4)  | 32  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | (1-4)  | (1-4)  | 9  | 15  |
| Mattapoisett  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 7  | \*  | †  | (1-4)  | †  | 6  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Maynard  | (1-4)  | (1-4)  | †  | (1-4)  | 5  | 5  | 5  | (1-4)  | (1-4)  | 15  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Medfield  | †  | 5  | †  | †  | 5  | †  | (1-4)  | (1-4)  | †  | 7  | (1-4)  | (1-4)  | (1-4)  | 7  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Medford  | 34  | 29  | 28  | 23  | 114  | 27  | 37  | 15  | 32  | 111  | 17  | 28  | 26  | 71  |
| Medway  | \*  | 8  | (1-4)  | 6  | 21  | (1-4)  | 5  | (1-4)  | †  | 11  | (1-4)  | (1-4)  | 10  | 13  |
| Melrose  | 9  | \*  | 9  | (1-4)  | 29  | \*  | 6  | (1-4)  | 6  | 22  | 5  | 9  | 5  | 19  |
| Mendon  | †  | (1-4)  | †  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 12  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Merrimac  | †  | (1-4)  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | 6  |
| Methuen  | 30  | 34  | 31  | 26  | 121  | 21  | 22  | 37  | 32  | 112  | 15  | 23  | 33  | 71  |
| Middleborough  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | \*  | 21  | 13  | 49  | 18  | 20  | 14  | 52  |
| Middlefield  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  |
| Middleton  | 5  | (1-4)  | (1-4)  | (1-4)  | 17  | 6  | 7  | 6  | 7  | 26  | (1-4)  | 10  | \*  | 18  |
| Milford  | 8  | \*  | 13  | (1-4)  | 31  | 7  | 23  | 16  | 7  | 53  | 10  | 14  | 6  | 30  |
| Millbury  | 12  | 12  | 15  | 8  | 47  | 5  | 10  | 12  | 10  | 37  | 7  | 13  | 11  | 31  |
| Millis  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 12  | (1-4)  | 5  | (1-4)  | 5  | 13  | (1-4)  | (1-4)  | (1-4)  | 5  |
| Millville  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Milton  | 9  | (1-4)  | 7  | \*  | 25  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 13  | (1-4)  | \*  | 8  | 15  |
| Monroe  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Monson  | (1-4)  | (1-4)  | 6  | (1-4)  | 13  | (1-4)  | (1-4)  | (1-4)  | 5  | 11  | (1-4)  | (1-4)  | 5  | 12  |
| Montague  | 7  | 11  | 9  | 5  | 32  | 10  | 11  | 9  | 5  | 35  | 8  | 7  | 11  | 26  |
| 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  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 11  | †  | (1-4)  | (1-4)  | 6  |
| Natick  | 6  | 11  | 13  | 9  | 39  | 10  | 6  | 6  | 8  | 30  | (1-4)  | \*  | 9  | 17  |
| Needham  | \*  | (1-4)  | 5  | 8  | 21  | †  | (1-4)  | (1-4)  | (1-4)  | 9  | †  | †  | (1-4)  | (1-4)  |
| New Ashford  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| New Bedford  | 164  | 193  | 245  | 173  | 775  | 189  | 237  | 252  | 170  | 848  | 160  | 190  | 188  | 538  |
| New Braintree  | †  | (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)  | †  | †  | †  | †  |
| New Salem  | (1-4)  | †  | †  | †  | (1-4)  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  |
| Newbury  | (1-4)  | (1-4)  | †  | (1-4)  | 5  | †  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Newburyport  | (1-4)  | (1-4)  | †  | (1-4)  | 12  | (1-4)  | (1-4)  | 7  | 7  | 20  | (1-4)  | (1-4)  | 5  | 11  |
| Newton  | 20  | 12  | 15  | 13  | 60  | 11  | 13  | 10  | 14  | 48  | 12  | 12  | 9  | 33  |
| Norfolk  | (1-4)  | (1-4)  | 6  | (1-4)  | 12  | †  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | (1-4)  | 7  |
| North Adams  | 8  | 14  | 15  | 21  | 58  | 19  | 22  | 21  | 26  | 88  | 25  | 23  | 25  | 73  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| North Andover  | \*  | (1-4)  | 13  | 10  | 33  | 9  | 6  | 12  | 9  | 36  | 10  | 11  | 9  | 30  |
| North Attleboro  | 15  | 25  | 23  | 28  | 91  | 14  | 20  | 15  | 17  | 66  | 14  | 28  | 16  | 58  |
| North Brookfield  | (1-4)  | (1-4)  | (1-4)  | †  | 9  | 5  | (1-4)  | †  | (1-4)  | 8  | (1-4)  | †  | (1-4)  | 5  |
| North Reading  | (1-4)  | 7  | (1-4)  | (1-4)  | 18  | 7  | (1-4)  | (1-4)  | (1-4)  | 17  | (1-4)  | 8  | (1-4)  | 14  |
| Northampton  | 22  | 19  | 35  | 21  | 97  | 30  | 39  | 40  | 29  | 138  | 22  | 28  | 20  | 70  |
| Northborough  | (1-4)  | (1-4)  | 13  | 5  | 24  | (1-4)  | 12  | 6  | (1-4)  | 26  | \*  | 7  | (1-4)  | 16  |
| Northbridge  | 7  | 12  | 6  | 7  | 32  | \*  | 9  | (1-4)  | 13  | 33  | 7  | 7  | 10  | 24  |
| Northfield  | (1-4)  | †  | †  | †  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  |
| Norton  | 6  | 10  | 11  | 10  | 37  | 9  | 6  | 8  | 5  | 28  | (1-4)  | \*  | 5  | 13  |
| Norwell  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | (1-4)  | †  | 9  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Norwood  | 12  | 17  | 17  | 14  | 60  | 13  | 13  | 18  | 12  | 56  | 14  | 21  | 12  | 47  |
| Oak Bluffs  | (1-4)  | †  | (1-4)  | (1-4)  | 7  | †  | (1-4)  | (1-4)  | (1-4)  | 11  | †  | (1-4)  | (1-4)  | 5  |
| Oakham  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Orange  | \*  | 11  | 16  | (1-4)  | 34  | (1-4)  | 11  | \*  | 9  | 33  | 7  | 7  | 5  | 19  |
| Orleans  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 13  | (1-4)  | (1-4)  | †  | 5  | 8  | (1-4)  | (1-4)  | 8  | 14  |
| Otis  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  |
| Oxford  | 7  | (1-4)  | 8  | \*  | 24  | (1-4)  | \*  | 11  | 10  | 28  | (1-4)  | (1-4)  | (1-4)  | 9  |
| Palmer  | 6  | 16  | 21  | 7  | 50  | 9  | (1-4)  | \*  | 5  | 23  | \*  | 7  | (1-4)  | 16  |
| Paxton  | (1-4)  | (1-4)  | (1-4)  | †  | 7  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
| Peabody  | 25  | 17  | 20  | 22  | 84  | 30  | 35  | 51  | 45  | 161  | 24  | 31  | 29  | 84  |
| Pelham  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Pembroke  | 7  | 14  | 11  | 11  | 43  | (1-4)  | (1-4)  | 7  | 7  | 19  | 6  | 6  | 6  | 18  |
| Pepperell  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 10  | (1-4)  | (1-4)  | †  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Peru  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Petersham  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Phillipston  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Pittsfield  | 62  | 107  | 96  | 82  | 347  | 60  | 65  | 88  | 72  | 285  | 63  | 83  | 93  | 239  |
| Plainfield  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Plainville  | 5  | 5  | (1-4)  | (1-4)  | 15  | (1-4)  | 6  | 5  | (1-4)  | 17  | (1-4)  | 8  | (1-4)  | 14  |
| Plymouth  | 44  | 49  | 58  | 37  | 188  | 39  | 46  | 55  | 42  | 182  | 34  | 34  | 32  | 100  |
| Plympton  | (1-4)  | (1-4)  | (1-4)  | †  | 5  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  |
| Princeton  | †  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  |
| Provincetown  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 14  | (1-4)  | †  | 5  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 5  |
| Quincy  | 63  | 93  | 93  | 81  | 330  | 82  | 92  | 90  | 75  | 339  | 74  | 73  | 94  | 241  |
| Randolph  | 12  | 17  | 26  | 10  | 65  | 16  | 20  | 25  | 11  | 72  | (1-4)  | †  | (1-4)  | 6  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Raynham  | 9  | 8  | 13  | 18  | 48  | 10  | 15  | 15  | 11  | 51  | 5  | 10  | 8  | 23  |
| Reading  | (1-4)  | (1-4)  | (1-4)  | 6  | 15  | †  | †  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | (1-4)  | 8  |
| Rehoboth  | (1-4)  | 6  | 6  | (1-4)  | 19  | (1-4)  | (1-4)  | 5  | (1-4)  | 12  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Revere  | 35  | 35  | 52  | 53  | 175  | 52  | 51  | 77  | 51  | 231  | 47  | 51  | 55  | 153  |
| Richmond  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  |
| Rochester  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Rockland  | 12  | 6  | 9  | 19  | 46  | 11  | 9  | 18  | 17  | 55  | 17  | 10  | 11  | 38  |
| Rockport  | (1-4)  | †  | (1-4)  | (1-4)  | 5  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  |
| Rowe  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Rowley  | (1-4)  | (1-4)  | (1-4)  | †  | 5  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | †  | †  | (1-4)  | (1-4)  |
| Royalston  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  |
| Russell  | †  | (1-4)  | †  | (1-4)  | (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  | †  | (1-4)  | \*  | 8  |
| Salem  | 25  | 32  | 41  | 32  | 130  | 24  | 37  | 59  | 29  | 149  | 24  | 23  | 40  | 87  |
| Salisbury  | (1-4)  | 8  | 16  | \*  | 33  | 9  | 9  | (1-4)  | \*  | 29  | 8  | 10  | 7  | 25  |
| Sandisfield  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
| Sandwich  | 10  | (1-4)  | †  | \*  | 23  | (1-4)  | 12  | (1-4)  | 9  | 28  | (1-4)  | \*  | 10  | 20  |
| Saugus  | 26  | 19  | 27  | 26  | 98  | 38  | 33  | 25  | 28  | 124  | 17  | 28  | 32  | 77  |
| Savoy  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Scituate  | (1-4)  | (1-4)  | (1-4)  | †  | 8  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Seekonk  | 5  | 11  | 10  | 9  | 35  | 11  | 9  | 8  | 7  | 35  | 9  | 6  | 8  | 23  |
| Sharon  | (1-4)  | (1-4)  | †  | (1-4)  | 7  | (1-4)  | (1-4)  | (1-4)  | 7  | 17  | (1-4)  | (1-4)  | 7  | 12  |
| Sheffield  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  |
| Shelburne  | (1-4)  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  |
| Sherborn  | †  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| Shirley  | 6  | (1-4)  | (1-4)  | (1-4)  | 12  | 9  | (1-4)  | (1-4)  | (1-4)  | 17  | †  | (1-4)  | (1-4)  | 5  |
| Shrewsbury  | 10  | 16  | 10  | 9  | 45  | 8  | 5  | 10  | 13  | 36  | (1-4)  | \*  | 12  | 21  |
| Shutesbury  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Somerset  | 10  | 8  | 15  | 8  | 41  | 10  | 11  | 9  | 15  | 45  | 10  | 13  | 9  | 32  |
| Somerville  | 24  | 45  | 28  | 43  | 140  | 37  | 44  | 46  | 41  | 168  | 50  | 45  | 36  | 131  |
| South Hadley  | 11  | 11  | \*  | (1-4)  | 36  | 8  | 6  | 8  | 12  | 34  | 7  | 15  | 8  | 30  |
| Southampton  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | †  | 6  | (1-4)  | †  | (1-4)  | (1-4)  |
| Southborough  | (1-4)  | (1-4)  | 6  | (1-4)  | 11  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | (1-4)  | (1-4)  | (1-4)  | 8  |
| Southbridge  | 14  | 36  | 36  | 28  | 114  | 20  | 29  | 25  | 25  | 99  | 15  | 23  | 17  | 55  |
| Southwick  | (1-4)  | 6  | (1-4)  | (1-4)  | 13  | (1-4)  | (1-4)  | 5  | 10  | 19  | 5  | 5  | 6  | 16  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Spencer  | 16  | 21  | 16  | 9  | 62  | 9  | 7  | 8  | 5  | 29  | 6  | 11  | 8  | 25  |
| Springfield  | 231  | 330  | 280  | 179  | 1020  | 232  | 272  | 312  | 284  | 1100  | 236  | 282  | 295  | 813  |
| Sterling  | (1-4)  | 5  | (1-4)  | (1-4)  | 11  | (1-4)  | (1-4)  | †  | (1-4)  | 8  | †  | (1-4)  | (1-4)  | 6  |
| Stockbridge  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Stoneham  | 8  | 8  | 18  | 11  | 45  | 15  | 9  | 10  | 12  | 46  | 8  | 10  | 8  | 26  |
| Stoughton  | 18  | 17  | 18  | 18  | 71  | 14  | 22  | 21  | 19  | 76  | 19  | 20  | 19  | 58  |
| Stow  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Sturbridge  | (1-4)  | 11  | \*  | 6  | 26  | 5  | 12  | 6  | 5  | 28  | (1-4)  | (1-4)  | (1-4)  | 8  |
| Sudbury  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | †  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  |
| Sunderland  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | †  | 5  | †  | †  | 5  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Sutton  | (1-4)  | 9  | 5  | (1-4)  | 20  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 15  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Swampscott  | (1-4)  | 5  | (1-4)  | 5  | 15  | (1-4)  | (1-4)  | 6  | (1-4)  | 18  | (1-4)  | (1-4)  | 7  | 10  |
| Swansea  | 11  | 11  | 8  | 12  | 42  | (1-4)  | \*  | 8  | 12  | 29  | 5  | 6  | 9  | 20  |
| Taunton  | 51  | 48  | 52  | 53  | 204  | 34  | 44  | 59  | 48  | 185  | 46  | 59  | 54  | 159  |
| Templeton  | 9  | (1-4)  | (1-4)  | (1-4)  | 15  | 7  | (1-4)  | (1-4)  | (1-4)  | 18  | (1-4)  | (1-4)  | 5  | 10  |
| Tewksbury  | 17  | 23  | 24  | 20  | 84  | 22  | 19  | 11  | 15  | 67  | 16  | 16  | 20  | 52  |
| Tisbury  | †  | (1-4)  | (1-4)  | †  | 5  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | 5  | †  | †  | 5  |
| Tolland  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Topsfield  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | †  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  |
| Townsend  | (1-4)  | †  | (1-4)  | (1-4)  | 10  | (1-4)  | (1-4)  | (1-4)  | 5  | 11  | (1-4)  | (1-4)  | 5  | 9  |
| Truro  | (1-4)  | †  | (1-4)  | (1-4)  | 6  | (1-4)  | 5  | (1-4)  | †  | 8  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Tyngsborough  | †  | (1-4)  | (1-4)  | (1-4)  | 12  | (1-4)  | (1-4)  | (1-4)  | †  | 10  | 6  | \*  | (1-4)  | 13  |
| Tyringham  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Upton  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | 7  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Uxbridge  | 7  | (1-4)  | (1-4)  | (1-4)  | 15  | (1-4)  | 7  | (1-4)  | (1-4)  | 15  | (1-4)  | (1-4)  | 5  | 12  |
| Wakefield  | 5  | 10  | 20  | 16  | 51  | 13  | 11  | 9  | 8  | 41  | 9  | 8  | 14  | 31  |
| Wales  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  |
| Walpole  | 7  | 6  | 8  | 7  | 28  | 12  | (1-4)  | \*  | 8  | 32  | \*  | 7  | (1-4)  | 16  |
| Waltham  | 16  | 21  | 28  | 23  | 88  | 34  | 42  | 27  | 33  | 136  | 40  | 34  | 36  | 110  |
| Ware  | 10  | 9  | 10  | 8  | 37  | 10  | 8  | 8  | 11  | 37  | 8  | 9  | 16  | 33  |
| Wareham  | 31  | 26  | 46  | 37  | 140  | 21  | 27  | 41  | 39  | 128  | 26  | 29  | 24  | 79  |
| Warren  | 6  | (1-4)  | (1-4)  | †  | 9  | \*  | †  | 9  | (1-4)  | 21  | (1-4)  | (1-4)  | (1-4)  | 6  |
| Warwick  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  |
| Washington  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Watertown  | 10  | 9  | 17  | 9  | 45  | 11  | 9  | 10  | 9  | 39  | \*  | 16  | (1-4)  | 29  |

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|   | 2020  | 2021  | 2022  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Wayland  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  |
| Webster  | 22  | 27  | 23  | 28  | 100  | 25  | 23  | 22  | 21  | 91  | 34  | 28  | 23  | 85  |
| Wellesley  | (1-4)  | †  | (1-4)  | (1-4)  | 7  | 9  | (1-4)  | (1-4)  | (1-4)  | 14  | (1-4)  | (1-4)  | (1-4)  | 7  |
| Wellfleet  | †  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  |
| Wendell  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  | †  |
| Wenham  | †  | (1-4)  | †  | †  | (1-4)  | †  | (1-4)  | †  | †  | (1-4)  | (1-4)  | †  | †  | (1-4)  |
| West Boylston  | \*  | (1-4)  | 5  | 6  | 19  | (1-4)  | 5  | (1-4)  | 9  | 21  | (1-4)  | \*  | 7  | 16  |
| West Bridgewater  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 11  | (1-4)  | (1-4)  | 7  | 8  | 21  | (1-4)  | 8  | \*  | 16  |
| West Brookfield  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 7  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 10  | \*  | 6  | (1-4)  | 14  |
| West Newbury  | †  | †  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | †  | †  | †  |
| West Springfield  | 27  | 45  | 56  | 34  | 162  | 39  | 42  | 37  | 24  | 142  | 28  | 17  | 24  | 69  |
| West Stockbridge  | (1-4)  | †  | (1-4)  | †  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  | (1-4)  |
| West Tisbury  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  | †  | (1-4)  | (1-4)  | †  | (1-4)  |
| Westborough  | 24  | 20  | 22  | 24  | 90  | 17  | 13  | 18  | 16  | 64  | 20  | 21  | 14  | 55  |
| Westfield  | 27  | 32  | 31  | 20  | 110  | 28  | 21  | 25  | 18  | 92  | 17  | 17  | 24  | 58  |
| Westford  | (1-4)  | †  | (1-4)  | (1-4)  | 6  | \*  | 7  | (1-4)  | 6  | 21  | (1-4)  | \*  | 5  | 11  |
| Westhampton  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | (1-4)  |
| Westminster  | 12  | 11  | 7  | 8  | 38  | 10  | 10  | 7  | 6  | 33  | \*  | 10  | (1-4)  | 20  |
| 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  | 7  | 9  | 7  | 23  |
| Westwood  | (1-4)  | †  | (1-4)  | (1-4)  | 7  | (1-4)  | (1-4)  | (1-4)  | 7  | 15  | (1-4)  | \*  | 6  | 14  |
| Weymouth  | 27  | 54  | 50  | 49  | 180  | 31  | 30  | 37  | 35  | 133  | 32  | 43  | 26  | 101  |
| Whately  | (1-4)  | †  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | †  | (1-4)  | (1-4)  | †  | †  | †  | †  |
| Whitman  | 6  | 8  | 6  | 10  | 30  | 6  | 10  | 8  | 8  | 32  | \*  | (1-4)  | 14  | 22  |
| Wilbraham  | \*  | 9  | (1-4)  | 12  | 30  | \*  | (1-4)  | 5  | 13  | 27  | 8  | 10  | 7  | 25  |
| Williamsburg  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 8  | †  | †  | (1-4)  | †  | (1-4)  | 6  | (1-4)  | (1-4)  | 9  |
| Williamstown  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 6  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 5  | (1-4)  | (1-4)  | †  | (1-4)  |
| Wilmington  | \*  | (1-4)  | †  | 8  | 20  | 12  | 19  | 23  | 28  | 82  | 20  | \*  | (1-4)  | 38  |
| Winchendon  | 6  | 9  | 9  | 12  | 36  | 11  | 5  | 6  | 9  | 31  | 11  | 10  | 5  | 26  |
| Winchester  | (1-4)  | (1-4)  | (1-4)  | (1-4)  | 9  | †  | \*  | †  | (1-4)  | 7  | †  | (1-4)  | †  | (1-4)  |
| Windsor  | †  | †  | †  | †  | †  | †  | (1-4)  | †  | †  | (1-4)  | †  | †  | †  | †  |
| Winthrop  | 15  | 8  | \*  | (1-4)  | 30  | 9  | 9  | 8  | 5  | 31  | 8  | 6  | 6  | 20  |
| Woburn  | 20  | 16  | 22  | 24  | 82  | 21  | 29  | 20  | 23  | 93  | 17  | 29  | 21  | 67  |
| Worcester  | 278  | 296  | 391  | 253  | 1218  | 340  | 254  | 309  | 297  | 1200  | 219  | 234  | 283  | 736  |
| Worthington  | †  | †  | †  | (1-4)  | (1-4)  | (1-4)  | †  | †  | †  | (1-4)  | †  | (1-4)  | †  | (1-4)  |
|   |  |  | 2020  |  |  | 2021  |  |  |  |  |  | 2022  |  |
| City/Town  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Q4  | Total  | Q1  | Q2  | Q3  | Total  |
| Wrentham  | 6  | 5  | (1-4)  | (1-4)  | 18  | (1-4)  | (1-4)  | 5  | 5  | 17  | (1-4)  | \*  | 6  | 15  |
| Yarmouth  | 16  | 19  | 23  | 15  | 73  | 18  | 31  | 40  | 23  | 112  | 17  | (1-4)  | (1-4)  | 22  |
| Unknown  | \*  | †  | (1-4)  | †  | 61  | †  | (1-4)  | (1-4)  | †  | (1-4)  | \*  | †  | (1-4)  | 140  |
| Grand Total  | 4773  | 5283  | 5768  | 4663  | 20487  | 5006  | 5485  | 5966  | 5146  | 21603  | 4338  | 4865  | 5137  | 14340  |

# Technical Notes

 This data brief was supported by funds made available from the Centers for Disease Control and Prevention. The findings of this data brief are those of the authors and do not necessarily represent the official position of or endorsement by the Centers for Disease Control and Prevention.

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  Bureau of Health Care Safety and Quality, MDPH