|  |
| --- |
| **MA Opioid-RelatedEMS Incidents**  **2013-2020** |
| Massachusetts Department of Public Health POSTED: MAY 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% biannually from 2013 until mid-2016 and then began decreasing 2.2% bi-annually through the end of 2020. The number of all EMS incidents involving naloxone administration (Figure 3 increased on average 16.7% biannually from 2013 until mid-2016 and then began decreasing 0.9% bi-annually through the end of 2020. In 2020, 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 2020, 55.3% of all Opioid-Related Events were categorized as Acute Opioid Overdose Events, 20.8% were categorized as Other Opioid-Related Events, 18.5% were categorized as Opioid Intoxicated Events, 3.7% were categorized as Opioid Withdrawal Events, and 1.7% were categorized as Dead on Arrival Events.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **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  \*Total | 1,041 of non-sup | 510 13,824\*  pressed 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 | 7 1,492 | 6,207 | 3,673 | 2,497 | 1,359 | 479 | 15,714 |
| Female | 9 944 | 2,903 | 1,747 | 1,100 | 728 | 362 | 7,793 |
| Total | 16 2,436 9,110 5,420 3,597 2,087 | | | | | 841 | 23,523 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **All Suspected Opioid Related Incidents by Sex: 2018** | | | | | |  |
|  | **11-14** | **15-24** | **25-34** | **35-44** | **45-54** | **55-64** | **65+ Total** |
| Male | <5 | 1,383 | 5,798 | 3,978 | 2,609 | 1,497 | 542 15,807\* |
| Female | <5 | 706 | 2,900 | 1,782 | 1,043 | 738 | 374 7,543\* |
| Total | <5 | 2,089 | 8,698 | 5,760 | 3,652  \*Total | 2,235 of non-sup | 916 23,350\*  pressed 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) | 914 | 5,008 | 3,859 | 2,609 | 1,542 | 544 14,476\* |
| Female | (1-4) | 547 | 2,484 | 1,782 | 1,053 | 634 | 390 6,890\* |
| Total | (1-4) | 1,461 | 7,492 | 5,641 | 3,662 | 2,176 | 934 21,366\* |
|  | \*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) | 924 | 4,642 | 4,141 | 2,443 1,643 | 576 14,369\* |
| Female | (1-4) | 491 | 2,043 | 1,737 | 1,024 698 | 371 6,364\* |
| Total | 5 | 1,415 | 6,685 | 5,878 | 3,467 2,341 | 947 20,733\* |
|  | \*Total of non-suppressed numbers | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **All Suspected Opioid Related Incidents by Severity Category** | | | | | | | |  |  |
| **ORI Severity Category** | **Jan 2020** | **Feb** | **Mar** | **Apr** | **May**  **2020**    **2020**    **2020**    **2020**    **2020**    **2020**    **2020**    22    24    35    37    31    31    21 | **Jun** | **Jul** | **Aug Sept**  **2020**  31 | **Oct**  **2020**    **2020**    35    20 | **Nov** | **Dec 2020** | **Total** |
| DOA Events | 21 | 40 | 348 |
| DOA % | 1.3% | 1.3% | 1.5% | 2.3% | 1.9% | 1.6% | 1.5% | 1.0% 1.7% | 2.1% | 1.3% | 2.6% | 1.7% |
| Acute Overdose Events | 880 | 935 | 920 | 896 | 1,130 | 1,077 | 1,132 | 1,051 964 | 908 | 853 | 832 | 11,578 |
| Acute Overdose % | 54.7% | 56.1% | 59.3% | 59.3% | 57.7% | 55.5% | 54.2% | 52.4% 52.5% | 53.6% | 56.0% | 53.5% | 55.3% |
| Opioid Intoxicated Events | 309 | 312 | 271 | 241 | 352 | 383 | 407 | 396 349 | 309 | 254 | 298 | 3,881 |
| Opioid Intoxicated % | 19.2% | 18.7% | 17.5% | 15.9% | 18.0% | 19.7% | 19.5% | 19.8% 19.0% | 18.3% | 16.7% | 19.2% | 18.5% |
| Opioid Withdrawal Events | 60 | 60 | 43 | 46 | 59 | 71 | 80 | 87 70 | 74 | 64 | 64 | 778 |
| Opioid Withdrawal % | 3.7% | 3.6% | 2.8% | 3.0% | 3.0%  339    293    294    382    379    437    449 | 3.7% | 3.8% | 4.3% 3.8%  423 | 4.4%  367    331 | 4.2% | 4.1% | 3.7% |
| Other Opioid-Related Events | 340 | 320 | 4,354 |
| Other Opioid-Related % | 21.1% | 20.3% | 18.9% | 19.4% | 19.5% | 19.5%  1,668    1,551    1,512    1,960    1,941    2,087    2,004    1,837    1,693    1,522 | 20.9% | 22.4% 23.0% | 21.7% | 21.7% | 20.6% | 20.8% |
| **Total** | 1,610 | 1,554 | 20,939 |

0

0.5

1

1.5

2

2.5

3

2013

2014

2015

2016

2017

2018

2019

2020

**Percent**

**Year**

**Figure 1: Percent of Opioid**

**-**

**Related Incidents**

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

**-**

**2020**

0

5,000

10,000

15,000

20,000

25,000

2013

2014

2015

2016

2017

2018

2019

2020

**Total EMS Runs in Category**

**Year of Incident**

**Figure 2: Severity Breakdown of Opioid**

**-**

**Related Incidents, MA: 2013**

**-**

**2020**

Total DOAs

Total Withdrawal

Total Other

Total Intox

Total Acute ODs

90

%

95

%

%

100

2013

2014

2015

2016

2017

2018

2019

2020

**Percent**

**Year**

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

**Involving Naloxone Administration, MA: 2013**

**-**

**2020**

-

2,000

4,000

6,000

8,000

10,000

12,000

14,000

16,000

18,000

20,000

2013

2014

2015

2016

2017

2018

2019

2020

**Count**

**Year**

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

**Naloxone Administration, MA: 2013**

**-**

**2020**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Abington | \* | 8 | 9 | (1-4) | **29** | 10 | (1-4) | 8 | \* | **28** |
| Acton | (1-4) | (1-4) | (1-4) | 6 | **12** | † | (1-4) | (1-4) | (1-4) | **10** |
| Acushnet | † | 6 | (1-4) | (1-4) | **9** | 8 | 9 | 7 | 10 | **34** |
| Adams | 6 | (1-4) | (1-4) | (1-4) | **15** | 7 | 8 | 9 | 5 | **29** |
| Agawam | 14 | 28 | 12 | 16 | **70** | 13 | 23 | 16 | 20 | **72** |
| Alford | (1-4) | † | † | † | **(1-4)** | † | † | † | † | **†** |
| Amesbury | \* | 8 | (1-4) | 9 | **28** | 8 | 12 | 10 | 7 | **37** |
| Amherst | \* | 6 | (1-4) | 15 | **30** | 11 | 6 | \* | (1-4) | **24** |
| Andover | 10 | 12 | 12 | 9 | **43** | \* | 18 | 20 | (1-4) | **51** |
| Aquinnah | † | † | † | † | **†** | † | † | † | † | **†** |
| Arlington | 10 | 7 | 6 | 7 | **30** | 12 | 7 | 7 | 8 | **34** |
| Ashburnham | 6 | (1-4) | (1-4) | (1-4) | **14** | (1-4) | (1-4) | (1-4) | 7 | **14** |
| Ashby | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (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** |
| Athol | 6 | 6 | 10 | 9 | **31** | 19 | 23 | 10 | 10 | **62** |
| Attleboro | 30 | 72 | 38 | 21 | **161** | (1-4) | 10 | † | \* | **21** |
| Auburn | 8 | 7 | 5 | 6 | **26** | 7 | 13 | 7 | 12 | **39** |
| Avon | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | 5 | (1-4) | (1-4) | **15** |
| Ayer | \* | 9 | (1-4) | 8 | **24** | (1-4) | 8 | (1-4) | 6 | **19** |
| Barnstable | 43 | 36 | 41 | 35 | **155** | 54 | 44 | 48 | 48 | **194** |
| Barre | 8 | 7 | (1-4) | \* | **23** | 6 | 5 | 6 | 6 | **23** |
| Becket | (1-4) | (1-4) | (1-4) | † | **(1-4)** | † | (1-4) | (1-4) | (1-4) | **(1-4)** |
| Bedford | (1-4) | 8 | 7 | \* | **23** | 8 | 5 | 8 | 7 | **28** |
| Belchertown | (1-4) | (1-4) | 5 | (1-4) | **14** | 10 | (1-4) | 5 | (1-4) | **23** |
| Bellingham | (1-4) | 9 | 7 | (1-4) | **23** | 10 | (1-4) | 6 | (1-4) | **20** |
| Belmont | 8 | 8 | (1-4) | (1-4) | **22** | 6 | (1-4) | (1-4) | (1-4) | **12** |
| Berkley | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | (1-4) | (1-4) | (1-4) | **8** |
| Berlin | † | † | \* | (1-4) | **7** | \* | † | (1-4) | † | **7** |
| Bernardston | † | † | † | † | **†** | (1-4) | (1-4) | † | † | **(1-4)** |
| Beverly | 18 | 31 | 22 | 24 | **95** | 26 | 24 | 27 | 12 | **89** |
| Billerica | 18 | 19 | 9 | 12 | **58** | 18 | 10 | 11 | 10 | **49** |
| Blackstone | (1-4) | 7 | (1-4) | (1-4) | **15** | 5 | (1-4) | (1-4) | 5 | **16** |
| Blandford | † | † | † | † | **†** | † | † | † | † | **†** |
| Bolton | † | (1-4) | (1-4) | (1-4) | **5** | (1-4) | † | † | (1-4) | **(1-4)** |
| Boston | 650 | 872 | 989 | 804 | **3315** | 718 | 923 | 897 | 748 | **3286** |
| Bourne | 10 | 18 | 13 | 11 | **52** | 11 | 15 | 18 | 13 | **57** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Boxborough | (1-4) | † | † | † | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** |
| Boxford | (1-4) | (1-4) | † | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| Boylston | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** |
| Braintree | 18 | 12 | 19 | 21 | **70** | 18 | 17 | 20 | 27 | **82** |
| 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** |
| Brimfield | (1-4) | (1-4) | † | (1-4) | **(1-4)** | † | 5 | (1-4) | (1-4) | **7** |
| Brockton | 153 | 167 | 149 | 131 | **600** | 141 | 119 | 119 | 103 | **482** |
| Brookfield | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **12** |
| Brookline | 13 | 12 | 8 | 5 | **38** | 9 | \* | 8 | (1-4) | **28** |
| Buckland | † | † | † | † | **†** | † | † | † | † | **†** |
| Burlington | 10 | 9 | 6 | 7 | **32** | 9 | \* | 10 | (1-4) | **28** |
| Cambridge | 80 | 68 | 111 | 75 | **334** | 63 | 78 | 110 | 76 | **327** |
| Canton | \* | (1-4) | 8 | 8 | **27** | 10 | (1-4) | \* | 9 | **32** |
| Carlisle | † | † | † | † | **†** | † | † | (1-4) | (1-4) | **(1-4)** |
| Carver | 7 | 10 | (1-4) | \* | **26** | (1-4) | \* | 9 | 7 | **24** |
| Charlemont | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **7** |
| Charlton | (1-4) | 5 | (1-4) | (1-4) | **10** | (1-4) | 6 | 8 | (1-4) | **16** |
| Chatham | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | † | † | (1-4) | **(1-4)** |
| Chelmsford | 6 | 12 | 9 | 10 | **37** | 18 | 9 | 8 | 13 | **48** |
| Chelsea | 36 | 53 | 68 | 58 | **215** | 24 | 28 | 43 | 35 | **130** |
| Cheshire | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **8** |
| 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)** |
| Chicopee | 63 | 83 | 78 | 91 | **315** | 82 | 82 | 83 | 74 | **321** |
| Chilmark | † | † | † | † | **†** | † | † | (1-4) | † | **(1-4)** |
| Clarksburg | † | † | † | † | **†** | † | † | † | † | **†** |
| Clinton | 6 | 8 | (1-4) | (1-4) | **18** | 10 | \* | (1-4) | 5 | **22** |
| Cohasset | (1-4) | † | (1-4) | (1-4) | **(1-4)** | (1-4) | † | † | † | **(1-4)** |
| 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** |
| Conway | † | † | † | † | **†** | † | † | † | † | **†** |
| 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** |
| Danvers | 40 | 30 | 34 | 30 | **134** | 21 | 35 | 49 | 40 | **145** |
| Dartmouth | 35 | 41 | 30 | 40 | **146** | 20 | 19 | 41 | 27 | **107** |
| Dedham | 13 | 14 | 17 | 19 | **63** | 16 | 15 | 13 | 14 | **58** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Deerfield | (1-4) | † | (1-4) | (1-4) | **7** | (1-4) | † | (1-4) | (1-4) | **(1-4)** |
| Dennis | 11 | 8 | 8 | 14 | **41** | 8 | 11 | \* | (1-4) | **26** |
| Dighton | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **5** |
| Douglas | (1-4) | 5 | † | (1-4) | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **11** |
| Dover | † | † | † | † | **†** | † | † | † | † | **†** |
| Dracut | (1-4) | 23 | 13 | \* | **52** | 14 | 13 | 15 | 7 | **49** |
| Dudley | 18 | 8 | 6 | 10 | **42** | 7 | 8 | 8 | 8 | **31** |
| 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** |
| East Bridgewater | 9 | \* | 5 | (1-4) | **23** | 5 | 7 | (1-4) | (1-4) | **17** |
| East Brookfield | † | (1-4) | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | (1-4) | **6** |
| East  Longmeadow | 8 | 8 | 7 | 8 | **31** | (1-4) | (1-4) | 10 | 6 | **19** |
| Eastham | (1-4) | (1-4) | (1-4) | † | **6** | (1-4) | (1-4) | (1-4) | (1-4) | **8** |
| Easthampton | 10 | (1-4) | \* | 11 | **33** | 11 | 6 | 9 | 5 | **31** |
| Easton | 9 | (1-4) | 8 | (1-4) | **24** | 7 | \* | 7 | (1-4) | **21** |
| Edgartown | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | (1-4) | † | **5** |
| 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** |
| Everett | 38 | 39 | 37 | 38 | **152** | 30 | 30 | 38 | 37 | **135** |
| Fairhaven | 6 | 12 | 16 | 8 | **42** | 19 | 17 | 7 | 13 | **56** |
| Fall River | 198 | 264 | 271 | 225 | **958** | 192 | 207 | 247 | 207 | **853** |
| Falmouth | 41 | 33 | 32 | 32 | **138** | 34 | 45 | 36 | 38 | **153** |
| Fitchburg | 70 | 65 | 60 | 52 | **247** | 54 | 68 | 63 | 59 | **244** |
| Florida | † | † | † | † | **†** | † | † | † | † | **†** |
| Foxborough | 11 | 9 | 10 | 10 | **40** | 15 | 15 | 12 | 14 | **56** |
| Framingham | 43 | 66 | 46 | 44 | **199** | 47 | 24 | 37 | 29 | **137** |
| Franklin | 7 | 11 | 6 | 9 | **33** | 8 | 5 | 13 | 9 | **35** |
| Freetown | (1-4) | (1-4) | (1-4) | (1-4) | **7** | (1-4) | (1-4) | (1-4) | (1-4) | **8** |
| Gardner | 19 | 25 | 30 | 31 | **105** | 20 | 22 | 39 | 16 | **97** |
| Georgetown | (1-4) | 5 | (1-4) | † | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **10** |
| Gill | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | † | (1-4) | † | **(1-4)** |
| Gloucester | 15 | 32 | 28 | 19 | **94** | 19 | 19 | 26 | 20 | **84** |
| Goshen | † | (1-4) | † | † | **(1-4)** | † | † | (1-4) | † | **(1-4)** |
| Gosnold | † | † | † | † | **†** | † | † | † | † | **†** |
| Grafton | (1-4) | 7 | (1-4) | 5 | **17** | 6 | 9 | (1-4) | \* | **21** |
| Granby | 5 | (1-4) | (1-4) | † | **9** | (1-4) | (1-4) | (1-4) | (1-4) | **7** |

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|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Granville | (1-4) | † | (1-4) | (1-4) | **(1-4)** | † | † | (1-4) | † | **(1-4)** |
| Great Barrington | \* | 7 | (1-4) | 5 | **19** | 8 | \* | (1-4) | 8 | **24** |
| Greenfield | 27 | 28 | 26 | 14 | **95** | 24 | 35 | 29 | 29 | **117** |
| Groton | (1-4) | (1-4) | † | (1-4) | **(1-4)** | (1-4) | † | † | (1-4) | **5** |
| Groveland | † | (1-4) | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **5** |
| Hadley | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | 7 | (1-4) | **17** |
| Halifax | (1-4) | (1-4) | 5 | (1-4) | **16** | (1-4) | (1-4) | 5 | 6 | **14** |
| Hamilton | (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** |
| Hancock | † | † | † | † | **†** | † | † | † | † | **†** |
| Hanover | 6 | (1-4) | (1-4) | (1-4) | **18** | (1-4) | (1-4) | (1-4) | 5 | **11** |
| Hanson | 5 | (1-4) | (1-4) | (1-4) | **13** | (1-4) | (1-4) | † | † | **5** |
| Hardwick | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | (1-4) | † | **5** |
| Harvard | (1-4) | † | (1-4) | † | **5** | † | (1-4) | (1-4) | (1-4) | **5** |
| Harwich | 5 | (1-4) | 5 | (1-4) | **14** | \* | 6 | (1-4) | 7 | **21** |
| Hatfield | † | (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** |
| Hawley | † | † | † | † | **†** | † | † | † | † | **†** |
| Heath | † | † | † | † | **†** | † | † | † | † | **†** |
| Hingham | 5 | † | (1-4) | (1-4) | **9** | (1-4) | † | (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 | 9 | 5 | 11 | **31** |
| Holden | (1-4) | (1-4) | (1-4) | (1-4) | **9** | 6 | (1-4) | 7 | \* | **19** |
| Holland | † | † | † | † | **†** | † | † | (1-4) | (1-4) | **(1-4)** |
| Holliston | (1-4) | 7 | (1-4) | (1-4) | **14** | (1-4) | † | 5 | (1-4) | **9** |
| Holyoke | 111 | 132 | 156 | 146 | **545** | 152 | 126 | 166 | 85 | **529** |
| Hopedale | (1-4) | 7 | (1-4) | (1-4) | **14** | (1-4) | (1-4) | (1-4) | (1-4) | **10** |
| Hopkinton | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | † | (1-4) | (1-4) | **8** |
| Hubbardston | (1-4) | † | (1-4) | † | **(1-4)** | (1-4) | † | † | (1-4) | **(1-4)** |
| Hudson | 8 | \* | 7 | (1-4) | **24** | † | 6 | 7 | 7 | **20** |
| Hull | (1-4) | 5 | (1-4) | 9 | **20** | 6 | 10 | 5 | 7 | **28** |
| 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** |
| Kingston | (1-4) | 9 | 5 | (1-4) | **21** | (1-4) | (1-4) | 9 | 5 | **17** |
| Lakeville | 15 | 25 | 13 | 14 | **67** | 19 | 16 | 29 | 26 | **90** |
| Lancaster | (1-4) | (1-4) | 7 | 9 | **21** | (1-4) | 5 | (1-4) | † | **13** |
| Lanesborough | (1-4) | (1-4) | (1-4) | (1-4) | **6** | † | 5 | 6 | † | **11** |

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|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Lawrence | 129 | 136 | 153 | 111 | **529** | 118 | 114 | 128 | 121 | **481** |
| Lee | (1-4) | † | † | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **10** |
| Leicester | 7 | 7 | 6 | 6 | **26** | 7 | 7 | \* | (1-4) | **24** |
| Lenox | (1-4) | (1-4) | 5 | 5 | **16** | (1-4) | 6 | 5 | (1-4) | **17** |
| Leominster | 44 | 50 | 34 | 26 | **154** | 19 | 18 | 29 | 34 | **100** |
| Leverett | † | † | † | † | **†** | † | † | † | (1-4) | **(1-4)** |
| Lexington | (1-4) | (1-4) | (1-4) | (1-4) | **12** | (1-4) | (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** |
| Lowell | 154 | 167 | 150 | 152 | **623** | 127 | 182 | 172 | 123 | **604** |
| Ludlow | 10 | 9 | 10 | 12 | **41** | 16 | 25 | 12 | 12 | **65** |
| Lunenburg | (1-4) | (1-4) | 5 | (1-4) | **11** | † | (1-4) | (1-4) | † | **(1-4)** |
| Lynn | 99 | 134 | 157 | 113 | **503** | 126 | 89 | 144 | 102 | **461** |
| Lynnfield | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | (1-4) | (1-4) | (1-4) | **8** |
| Malden | 26 | 58 | 53 | 42 | **179** | 25 | 31 | 36 | 45 | **137** |
| Manchester | (1-4) | † | † | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| Mansfield | 8 | 19 | 8 | 10 | **45** | (1-4) | 7 | 15 | \* | **32** |
| Marblehead | (1-4) | (1-4) | (1-4) | 5 | **14** | (1-4) | (1-4) | 9 | (1-4) | **18** |
| Marion | (1-4) | (1-4) | (1-4) | † | **9** | (1-4) | † | (1-4) | † | **5** |
| Marlborough | 17 | 19 | 21 | 17 | **74** | 18 | 19 | 26 | 17 | **80** |
| Marshfield | \* | 14 | 8 | (1-4) | **31** | 12 | 7 | 13 | 11 | **43** |
| Mashpee | \* | 11 | 10 | (1-4) | **35** | \* | 10 | 12 | (1-4) | **33** |
| Mattapoisett | 6 | (1-4) | (1-4) | 5 | **16** | (1-4) | (1-4) | (1-4) | (1-4) | **7** |
| Maynard | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **6** |
| Medfield | (1-4) | (1-4) | † | † | **5** | † | 5 | † | † | **5** |
| Medford | 24 | 28 | 17 | 18 | **87** | 34 | 29 | 28 | 23 | **114** |
| Medway | 8 | 9 | (1-4) | (1-4) | **24** | \* | 8 | (1-4) | 6 | **21** |
| Melrose | (1-4) | 7 | 9 | (1-4) | **23** | 9 | \* | 9 | (1-4) | **29** |
| Mendon | (1-4) | (1-4) | (1-4) | (1-4) | **9** | † | (1-4) | † | (1-4) | **6** |
| Merrimac | (1-4) | (1-4) | (1-4) | (1-4) | **10** | † | (1-4) | (1-4) | † | **(1-4)** |
| Methuen | 42 | 47 | 37 | 27 | **153** | 32 | 35 | 33 | 26 | **126** |
| Middleborough | † | (1-4) | (1-4) | (1-4) | **5** | † | (1-4) | (1-4) | (1-4) | **5** |
| Middlefield | † | † | † | † | **†** | † | † | † | † | **†** |
| Middleton | (1-4) | 10 | (1-4) | 8 | **24** | 5 | (1-4) | (1-4) | (1-4) | **17** |
| Milford | 24 | 18 | 22 | 8 | **72** | 8 | \* | 13 | (1-4) | **31** |

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|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Millbury | 9 | 8 | 7 | 12 | **36** | 12 | 14 | 15 | 9 | **50** |
| Millis | (1-4) | (1-4) | (1-4) | (1-4) | **11** | (1-4) | (1-4) | 5 | (1-4) | **13** |
| Millville | † | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **(1-4)** |
| Milton | (1-4) | (1-4) | 11 | 6 | **22** | 9 | (1-4) | 7 | \* | **25** |
| Monroe | † | † | † | † | **†** | † | † | † | † | **†** |
| Monson | (1-4) | (1-4) | 6 | (1-4) | **15** | (1-4) | (1-4) | 7 | (1-4) | **15** |
| Montague | (1-4) | \* | 12 | 9 | **30** | 7 | 12 | 9 | 5 | **33** |
| Monterey | † | † | † | † | **†** | † | † | (1-4) | † | **(1-4)** |
| Montgomery | † | † | † | † | **†** | † | † | † | † | **†** |
| Mount  Washington | † | † | † | † | **†** | † | † | † | † | **†** |
| Nahant | † | (1-4) | † | † | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** |
| Nantucket | † | † | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **6** |
| Natick | 12 | 14 | 15 | 5 | **46** | 6 | 11 | 13 | 9 | **39** |
| Needham | 6 | (1-4) | (1-4) | 6 | **16** | \* | (1-4) | 5 | 8 | **21** |
| New Ashford | † | † | † | † | **†** | † | † | † | † | **†** |
| New  Bedford | 198 | 158 | 100 | 135 | **591** | 166 | 200 | 250 | 177 | **793** |
| 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) | † | **(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** |
| Newburyport | (1-4) | (1-4) | (1-4) | 5 | **16** | (1-4) | (1-4) | † | (1-4) | **12** |
| Newton | 11 | 19 | 9 | 19 | **58** | 20 | 12 | 15 | 13 | **60** |
| Norfolk | (1-4) | (1-4) | (1-4) | † | **8** | (1-4) | (1-4) | 6 | (1-4) | **12** |
| North Adams | 27 | 26 | 12 | 23 | **88** | 11 | 14 | 19 | 22 | **66** |
| North Andover | 12 | 11 | 13 | 5 | **41** | 6 | 5 | 13 | 10 | **34** |
| North Attleboro | 9 | 18 | 22 | 22 | **71** | 16 | 26 | 23 | 29 | **94** |
| North Brookfield | † | † | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **9** |
| North Reading | (1-4) | 5 | (1-4) | (1-4) | **12** | (1-4) | 7 | 6 | \* | **21** |
| Northampton | 34 | 22 | 23 | 25 | **104** | 22 | 20 | 40 | 22 | **104** |
| Northborough | 7 | (1-4) | (1-4) | 5 | **18** | (1-4) | (1-4) | 13 | 5 | **25** |
| Northbridge | \* | 10 | 8 | (1-4) | **28** | 7 | 12 | 5 | 9 | **33** |
| Northfield | † | † | † | (1-4) | **(1-4)** | (1-4) | † | (1-4) | † | **(1-4)** |
| Norton | (1-4) | 8 | (1-4) | 6 | **19** | 6 | 10 | 12 | 10 | **38** |
| Norwell | 5 | 5 | (1-4) | (1-4) | **13** | (1-4) | (1-4) | (1-4) | (1-4) | **6** |
| Norwood | 13 | 11 | 9 | 11 | **44** | 12 | 17 | 17 | 14 | **60** |

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|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Oak Bluffs | (1-4) | (1-4) | (1-4) | † | **7** | (1-4) | † | (1-4) | (1-4) | **7** |
| Oakham | † | † | (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** |
| Orleans | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | (1-4) | (1-4) | (1-4) | **14** |
| Otis | † | † | † | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| Oxford | 9 | 9 | 9 | 11 | **38** | 7 | (1-4) | 8 | \* | **24** |
| Palmer | 10 | 10 | 9 | 16 | **45** | 6 | 17 | 22 | 8 | **53** |
| Paxton | (1-4) | (1-4) | (1-4) | † | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **7** |
| Peabody | 31 | 32 | 34 | 30 | **127** | 25 | 17 | 20 | 24 | **86** |
| Pelham | † | † | † | † | **†** | † | † | † | † | **†** |
| Pembroke | 5 | 8 | 9 | 7 | **29** | 7 | 14 | 11 | 11 | **43** |
| Pepperell | (1-4) | (1-4) | † | † | **(1-4)** | (1-4) | (1-4) | (1-4) | (1-4) | **9** |
| Peru | † | † | † | † | **†** | † | † | † | † | **†** |
| Petersham | (1-4) | † | † | † | **(1-4)** | † | † | † | † | **†** |
| Phillipston | † | † | (1-4) | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| Pittsfield | 56 | 46 | 93 | 59 | **254** | 64 | 116 | 114 | 90 | **384** |
| 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** |
| Plymouth | 51 | 43 | 34 | 39 | **167** | 44 | 49 | 58 | 37 | **188** |
| Plympton | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | (1-4) | † | **5** |
| 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** |
| Quincy | 84 | 91 | 105 | 70 | **350** | 63 | 93 | 93 | 81 | **330** |
| Randolph | 16 | 20 | 15 | 11 | **62** | 12 | 13 | † | † | **25** |
| Raynham | 8 | 14 | 13 | 12 | **47** | 9 | 8 | 13 | 18 | **48** |
| 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** |
| Revere | 41 | 57 | 53 | 28 | **179** | 35 | 35 | 57 | 54 | **181** |
| Richmond | † | † | (1-4) | † | **(1-4)** | † | † | (1-4) | (1-4) | **(1-4)** |
| Rochester | † | 5 | † | † | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **9** |
| Rockland | 10 | 9 | 12 | 20 | **51** | 12 | 6 | 9 | 19 | **46** |
| Rockport | (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** |
| Royalston | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** |
| Russell | (1-4) | (1-4) | (1-4) | (1-4) | **6** | † | (1-4) | † | (1-4) | **(1-4)** |
| Rutland | (1-4) | (1-4) | (1-4) | (1-4) | **8** | (1-4) | (1-4) | (1-4) | † | **6** |

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|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Salem | 33 | 29 | 40 | 29 | **131** | 25 | 32 | 41 | 33 | **131** |
| Salisbury | 6 | 8 | 6 | 7 | **27** | (1-4) | 8 | 17 | \* | **35** |
| Sandisfield | † | † | † | † | **†** | † | † | † | (1-4) | **(1-4)** |
| Sandwich | 7 | 7 | \* | (1-4) | **24** | 10 | (1-4) | † | \* | **23** |
| Saugus | 33 | 30 | 22 | 29 | **114** | 26 | 19 | 27 | 26 | **98** |
| Savoy | † | † | † | (1-4) | **(1-4)** | † | † | † | † | **†** |
| Scituate | (1-4) | (1-4) | (1-4) | 7 | **16** | (1-4) | (1-4) | (1-4) | † | **7** |
| Seekonk | 5 | 5 | 5 | 9 | **24** | (1-4) | 11 | 13 | \* | **36** |
| Sharon | (1-4) | (1-4) | † | (1-4) | **5** | (1-4) | (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)** |
| Sherborn | † | † | † | (1-4) | **(1-4)** | † | † | † | † | **†** |
| Shirley | (1-4) | (1-4) | 7 | (1-4) | **19** | 6 | (1-4) | (1-4) | (1-4) | **12** |
| Shrewsbury | 16 | 15 | 26 | 24 | **81** | 10 | 16 | 10 | 9 | **45** |
| Shutesbury | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** |
| Somerset | (1-4) | 10 | 11 | (1-4) | **27** | 10 | 8 | 15 | 9 | **42** |
| Somerville | 25 | 33 | 42 | 35 | **135** | 24 | 45 | 31 | 46 | **146** |
| South Hadley | 10 | 5 | 10 | 6 | **31** | 11 | 13 | \* | (1-4) | **38** |
| Southampton | (1-4) | (1-4) | (1-4) | (1-4) | **6** | (1-4) | † | † | (1-4) | **(1-4)** |
| Southborough | (1-4) | † | (1-4) | (1-4) | **5** | (1-4) | (1-4) | 6 | (1-4) | **11** |
| Southbridge | 32 | 32 | 28 | 21 | **113** | 14 | 36 | 36 | 30 | **116** |
| Southwick | (1-4) | 6 | 5 | (1-4) | **17** | (1-4) | 6 | (1-4) | (1-4) | **13** |
| Spencer | 9 | 9 | 13 | 15 | **46** | 18 | 22 | 16 | 10 | **66** |
| Springfield | 225 | 289 | 334 | 283 | **1131** | 243 | 365 | 330 | 209 | **1147** |
| Sterling | (1-4) | 5 | (1-4) | 6 | **16** | (1-4) | 5 | (1-4) | (1-4) | **11** |
| Stockbridge | (1-4) | † | † | (1-4) | **(1-4)** | † | (1-4) | (1-4) | † | **(1-4)** |
| Stoneham | \* | 13 | 10 | (1-4) | **32** | 8 | 9 | 20 | 12 | **49** |
| Stoughton | 24 | 27 | 20 | 29 | **100** | 18 | 20 | 18 | 19 | **75** |
| Stow | † | † | (1-4) | † | **(1-4)** | † | † | (1-4) | † | **(1-4)** |
| Sturbridge | 6 | (1-4) | (1-4) | 5 | **18** | (1-4) | 10 | \* | 6 | **25** |
| 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** |
| Sutton | (1-4) | (1-4) | (1-4) | (1-4) | **10** | (1-4) | 9 | 5 | (1-4) | **20** |
| Swampscott | (1-4) | 5 | † | (1-4) | **11** | (1-4) | 5 | (1-4) | 5 | **15** |
| Swansea | 13 | (1-4) | 13 | (1-4) | **34** | 11 | 13 | 9 | 14 | **47** |
| Taunton | 51 | 50 | 52 | 44 | **197** | 51 | 48 | 52 | 53 | **204** |
| Templeton | \* | 8 | (1-4) | 7 | **24** | 9 | (1-4) | (1-4) | (1-4) | **15** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | | **2020** | | | | |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Tewksbury | 18 | 25 | 20 | 19 | **82** | 17 | 23 | 24 | 20 | **84** |
| Tisbury | (1-4) | (1-4) | † | (1-4) | **6** | † | (1-4) | (1-4) | † | **5** |
| Tolland | † | † | † | † | **†** | † | † | † | † | **†** |
| Topsfield | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | (1-4) | (1-4) | (1-4) | **5** |
| Townsend | (1-4) | (1-4) | (1-4) | 5 | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **11** |
| Truro | † | † | (1-4) | † | **(1-4)** | (1-4) | † | (1-4) | (1-4) | **(1-4)** |
| Tyngsborough | (1-4) | (1-4) | (1-4) | (1-4) | **12** | † | (1-4) | (1-4) | (1-4) | **11** |
| Tyringham | † | † | (1-4) | † | **(1-4)** | † | † | † | † | **†** |
| Upton | (1-4) | 6 | \* | † | **14** | (1-4) | (1-4) | (1-4) | (1-4) | **5** |
| Uxbridge | 5 | (1-4) | 7 | (1-4) | **18** | 7 | (1-4) | (1-4) | (1-4) | **15** |
| Wakefield | 20 | 11 | 14 | 13 | **58** | 5 | 10 | 20 | 16 | **51** |
| Wales | † | (1-4) | † | † | **(1-4)** | † | † | † | (1-4) | **(1-4)** |
| Walpole | 6 | 10 | 6 | 8 | **30** | 7 | 6 | 8 | 7 | **28** |
| Waltham | 21 | 31 | 36 | 34 | **122** | 16 | 21 | 32 | 25 | **94** |
| Ware | 7 | 9 | 10 | 7 | **33** | 11 | 9 | 10 | 8 | **38** |
| Wareham | 32 | 34 | 25 | 32 | **123** | 31 | 26 | 46 | 37 | **140** |
| Warren | \* | (1-4) | 6 | 10 | **26** | 6 | (1-4) | (1-4) | † | **9** |
| Warwick | † | † | † | (1-4) | **(1-4)** | † | † | (1-4) | † | **(1-4)** |
| Washington | † | † | † | † | **†** | † | † | † | † | **†** |
| Watertown | 9 | 12 | 11 | 5 | **37** | 10 | 9 | 17 | 9 | **45** |
| Wayland | (1-4) | † | (1-4) | † | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| Webster | 37 | 39 | 26 | 39 | **141** | 22 | 27 | 24 | 29 | **102** |
| Wellesley | (1-4) | (1-4) | (1-4) | † | **5** | (1-4) | † | (1-4) | (1-4) | **7** |
| Wellfleet | † | \* | (1-4) | † | **7** | † | (1-4) | (1-4) | † | **(1-4)** |
| Wendell | † | (1-4) | † | † | **(1-4)** | † | † | † | † | **†** |
| Wenham | † | † | (1-4) | (1-4) | **(1-4)** | † | (1-4) | † | † | **(1-4)** |
| West Boylston | 8 | 5 | (1-4) | (1-4) | **18** | \* | (1-4) | 5 | 6 | **19** |
| West  Bridgewater | (1-4) | 5 | (1-4) | (1-4) | **13** | (1-4) | (1-4) | (1-4) | (1-4) | **11** |
| West Brookfield | (1-4) | (1-4) | † | 6 | **10** | (1-4) | (1-4) | (1-4) | (1-4) | **8** |
| West Newbury | † | † | † | † | **†** | † | † | † | † | **†** |
| West Springfield | 30 | 30 | 33 | 42 | **135** | 27 | 46 | 60 | 34 | **167** |
| 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** |
| Westfield | 21 | 24 | 31 | 29 | **105** | 27 | 35 | 33 | 20 | **115** |
| Westford | (1-4) | (1-4) | (1-4) | † | **10** | (1-4) | † | (1-4) | (1-4) | **6** |
| Westhampton | † | † | † | † | **†** | † | (1-4) | † | † | **(1-4)** |

# Technical Notes

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **2019** |  |  |  |  | **2020** |  |  |
| City/Town | Q1 | Q2 | Q3 | Q4 | **Total** | Q1 | Q2 | Q3 | Q4 | **Total** |
| Westminster | \* | 9 | (1-4) | 9 | **28** | 12 | 11 | 7 | 8 | **38** |
| Weston | † | (1-4) | (1-4) | (1-4) | **(1-4)** | (1-4) | (1-4) | † | (1-4) | **5** |
| Westport | (1-4) | 8 | \* | 9 | **26** | 7 | 6 | 13 | 8 | **34** |
| Westwood | (1-4) | (1-4) | † | (1-4) | **8** | (1-4) | † | (1-4) | (1-4) | **7** |
| Weymouth | 42 | 48 | 47 | 50 | **187** | 28 | 58 | 52 | 49 | **187** |
| Whately | (1-4) | (1-4) | (1-4) | (1-4) | **9** | (1-4) | † | (1-4) | (1-4) | **(1-4)** |
| Whitman | 11 | 8 | 10 | 7 | **36** | 7 | 8 | 6 | 10 | **31** |
| Wilbraham | 12 | (1-4) | 8 | \* | **30** | \* | 9 | (1-4) | 12 | **30** |
| 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** |
| Wilmington | 16 | 10 | 16 | 7 | **49** | 8 | (1-4) | † | (1-4) | **15** |
| Winchendon | (1-4) | 13 | 9 | \* | **31** | 6 | 10 | 9 | 12 | **37** |
| Winchester | (1-4) | 8 | 5 | (1-4) | **19** | (1-4) | (1-4) | (1-4) | (1-4) | **10** |
| Windsor | † | (1-4) | † | † | **(1-4)** | † | † | † | † | **†** |
| Winthrop | \* | 8 | (1-4) | 13 | **31** | 15 | 10 | \* | (1-4) | **33** |
| Woburn | 23 | 22 | 29 | 37 | **111** | 20 | 16 | 23 | 24 | **83** |
| Worcester | 408 | 426 | 412 | 358 | **1604** | 338 | 299 | 393 | 256 | **1286** |
| Worthington | † | † | † | (1-4) | **(1-4)** | † | † | † | (1-4) | **(1-4)** |
| Wrentham | (1-4) | \* | 11 | 7 | **28** | 6 | 5 | (1-4) | (1-4) | **18** |
| Yarmouth | 19 | 20 | 21 | 13 | **73** | 16 | 21 | 23 | 14 | **74** |
| Unknown | (1-4) | (1-4) | (1-4) | (1-4) | **13** | † | † | (1-4) | † | **(1-4)** |
| **Grand Total** | **5000** | **5761** | **5740** | **5098** | **21599** | **4829** | **5413** | **5928** | **4769** | **20939** |

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# Source

• Bureau of Health Care Safety and Quality, MDPH