Massachusetts Department of Public Health COVID-19 Dashboard-

Dashboard of Public Health Indicators

Total Cases By Age Group
from 12/6/2020-12/19/2020 *

Testing and Cases

Newly Reported Confirmed Cases	Total New Molecular Tests Reported	7-Day Average Positivity	Estimated Active Cases
7,424	108,445	6.32%	78,086

Hospitalization

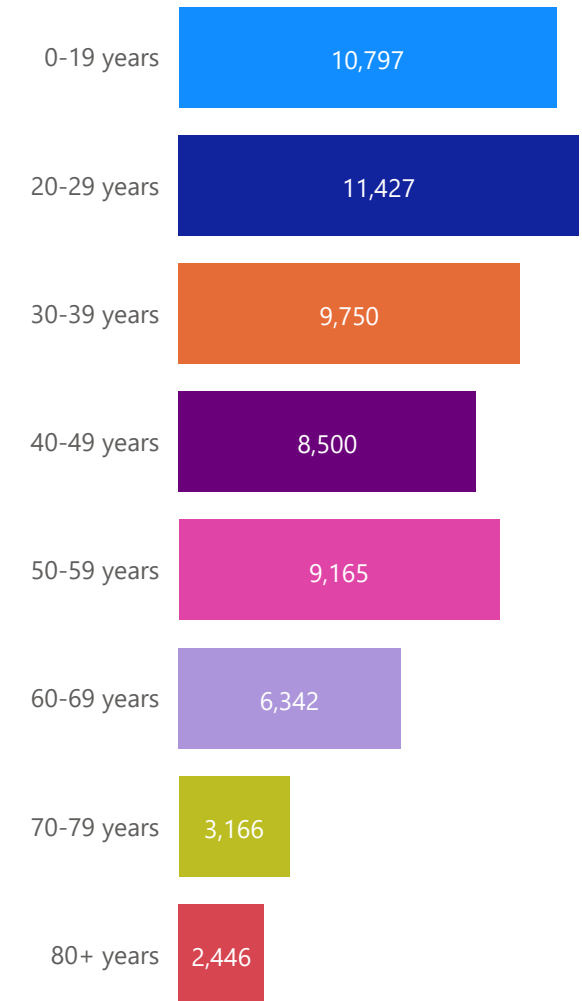| Total Confirmed COVID Patients in Hospital	Total Confirmed COVID Patients in ICU	Average Age of Cases that were Hospitalized*
2,077	416	69

Deaths   Turnaround Time

Newly Reported Deaths among Confirmed	Average Age of Deaths*	14-Day Average Turnaround (from Test Sample to Report to DPH)*
46	80	2.90

Age Group	Cases
0-19 years	10,797
20-29 years	11,427
30-39 years	9,750
40-49 years	8,500
50-59 years	9,165
60-69 years	6,342
70-79 years	3,166
80+ years	2,446

Note: For definitions, please see the Glossary at the end of this document in 'Definitions and Disclaimers'. Average age of hospitalized cases and deaths are calculated for a two week period covering 12/6/2020 to 12/19/2020. Please see the most current weekly dashboard for more details https://www.mass.gov/info-details/covid-19-response-reporting
*Last updated Wednesday, 12/23/2020

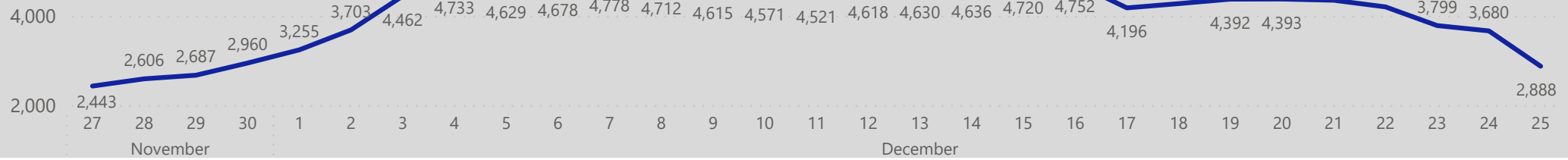# Massachusetts Department of Public Health COVID-19 Dashboard- Dashboard of Public Health Indicators

Saturday, December 26, 2020

7-Day Average of New Confirmed Cases

4,000

2,443 2,606 2,687 2,960 3,255 3,703 4,462 4,733 4,629 4,678 4,778 4,712 4,615 4,571 4,521 4,618 4,630 4,636 4,720 4,752 4,196 4,291 4,392 4,393 4,367 4,218 3,799 3,680 2,888

2,000

27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
November / December

1,743%

LOV = **157**

7-Day Weighted Average of Positive Molecular Test Rate*

6%

4.3% 4.6% 4.7% 5.2% 5.7% 5.9% 5.9% 5.9% 5.9% 6.0% 6.2% 6.2% 6.1% 6.1% 6.1% 6.2% 6.2% 6.2% 6.3% 6.2% 6.1% 6.2% 6.2% 6.2% 6.0% 6.0% 6.0% 6.3% 6.3%

4%

27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
November / December
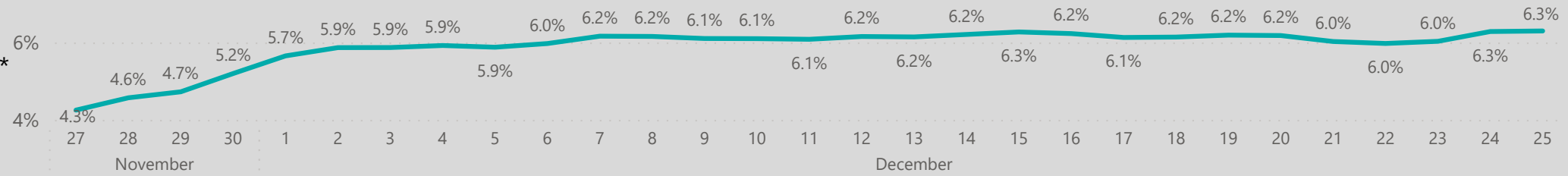
719%

LOV = **0.8%**

7-Day Average of Number of COVID-19 Patients in Hospital**

2,000

936 958 985 1,021 1,055 1,100 1,151 1,210 1,264 1,312 1,361 1,413 1,458 1,498 1,529 1,563 1,605 1,644 1,684 1,723 1,761 1,799 1,846 1,882 1,909 1,938 1,968 1,996 2,035 2,021

1,000

26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
November / December
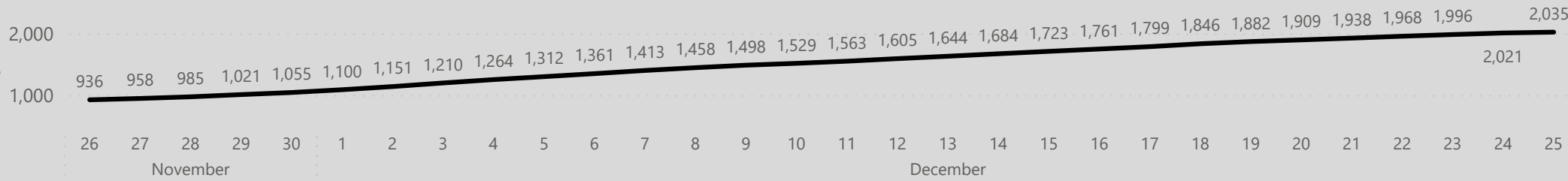
1,210%

LOV = **155**

7-Day Average of COVID-19 Deaths***

60

28 29 31 32 32 33 36 36 39 40 41 44 46 46 48 49 49 49 50 49 49 50 50 50 51 53 53 53 55 52 44

40

20

25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
November / December
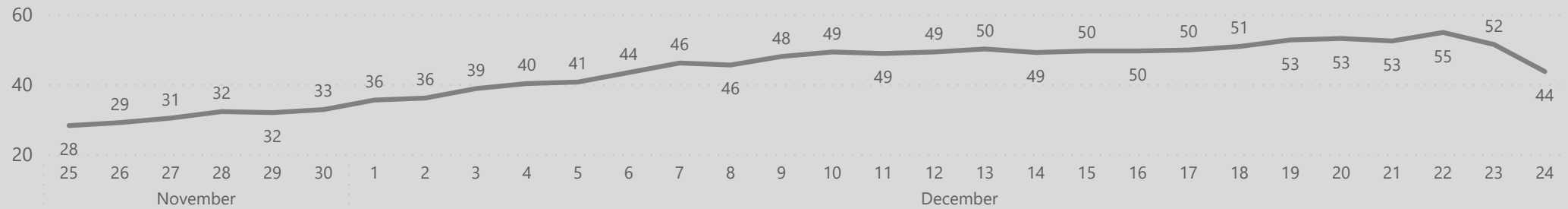
315%

LOV = **11**

*Calculated from total molecular tests for all of MA; **Includes only confirmed cases of COVID-19 in acute hospitals and alternate care sites; ***Includes deaths in only confirmed cases of COVID-19

Note: LOV = Lowest observed value, i.e. the lowest value the public health indicator has been since tracking started on 04/15/2020. Due to data lags, counts for most recent dates are likely incomplete, and thus measures are subject to change.
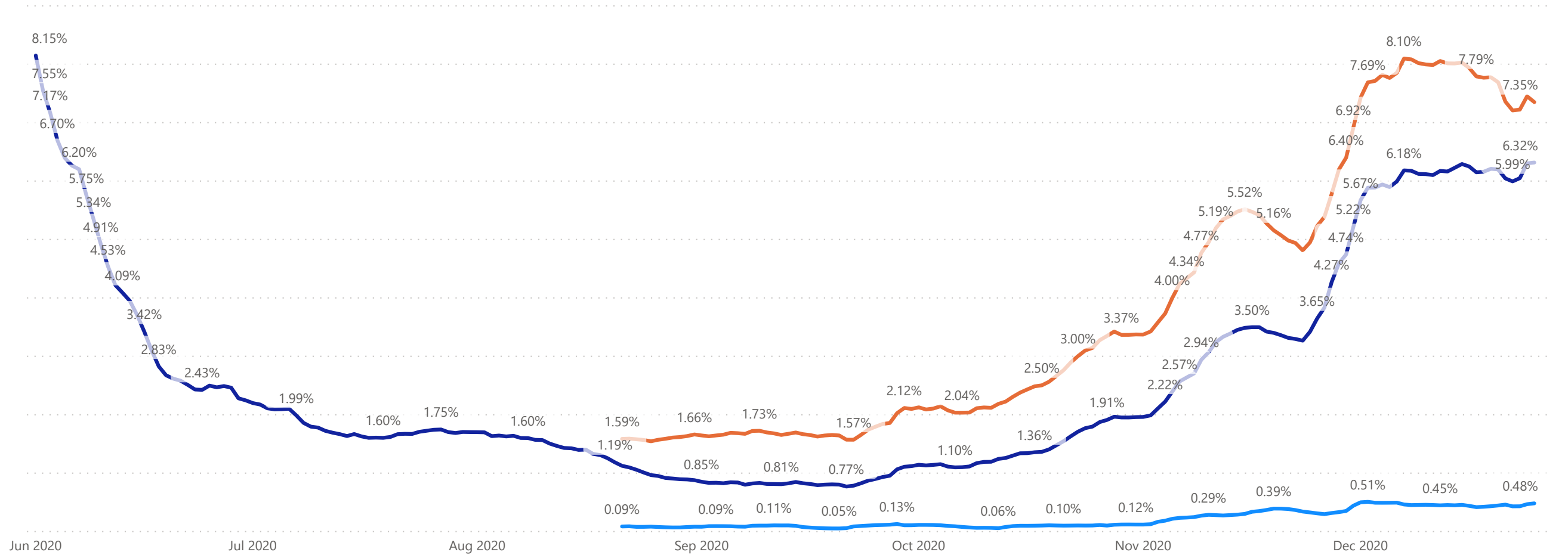
Contents

Testing by Date - Molecular (Percent Positive)

7-Day Weighted Average of Percent of Tests By Molecular Method that are Positive by Test Date

● MA Statewide (metric on p.2) ● MA Higher Education Only ● MA with Higher Education Tests Removed

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
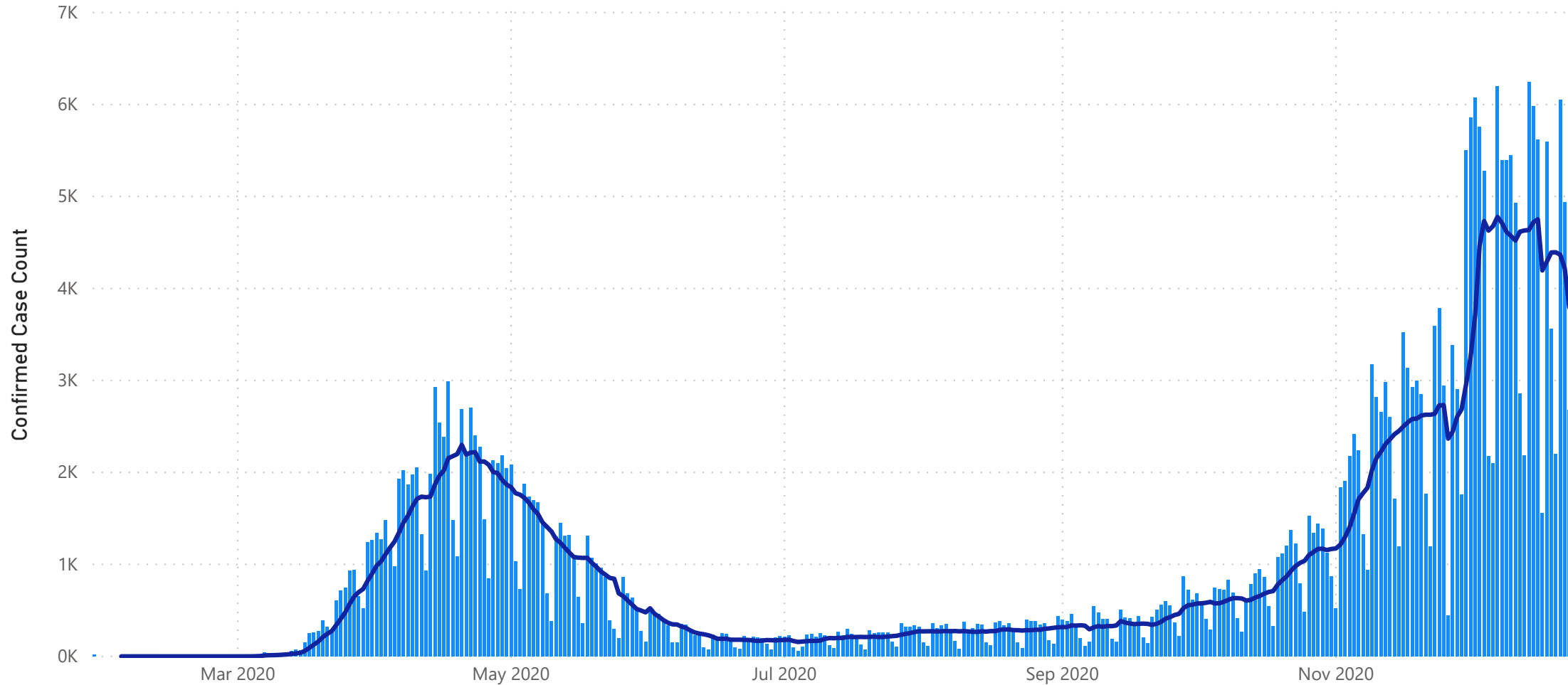Note: all data are current as of 11:59pm on 12/25/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. This includes individuals who have had more than one molecular test.

Massachusetts Department of Public Health COVID-19 Dashboard-
Daily Confirmed Cases (Since March)
Confirmed COVID-19 Cases To Date by Date Individual Tested

Saturday, December 26, 2020

● Confirmed Cases by Date ● 7-Day Average Confirmed Case Count

Total Confirmed Cases

335,731

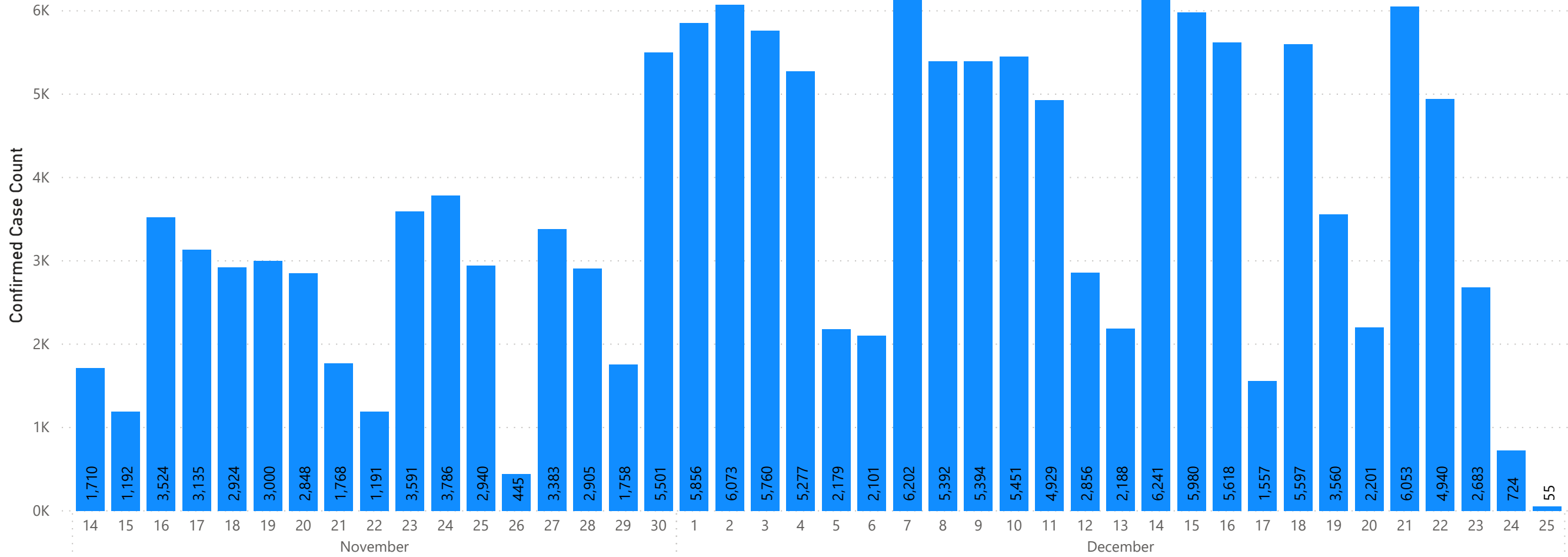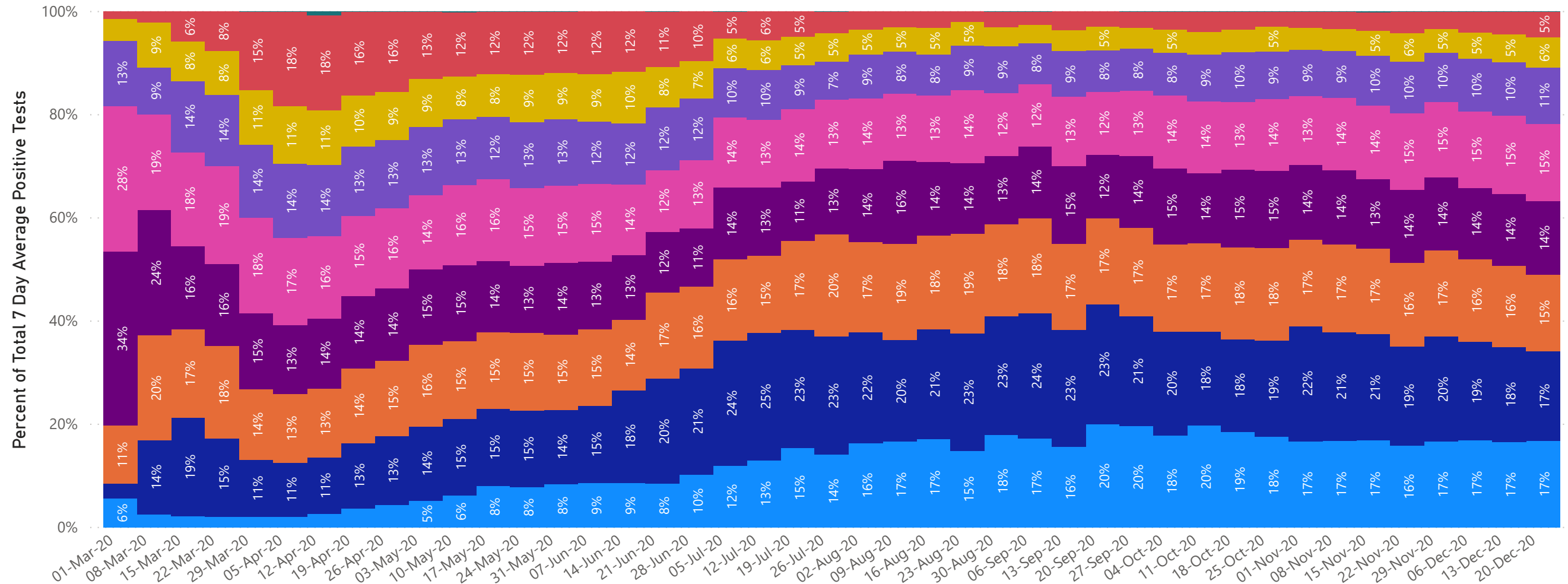Average Daily Incidence Rate Per 100,000 (last 14 days)*

63.2

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; State Population Estimate 2019: Small Area Population Estimates 2011-2020, version 2019, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health. Note: all data are current as of 11:59pm on 12/25/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.

*Last updated Wednesday, 12/23/2020; Covers 12/6/2020-12/19/2020.

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Massachusetts Department of Public Health COVID-19 Dashboard- **Saturday, December 26, 2020**

Daily Confirmed Cases (Past 6 Weeks)
Confirmed COVID-19 Cases by Date Individual Tested

Confirmed Case Count

Date	Count
Nov 14	1,710
Nov 15	1,192
Nov 16	3,524
Nov 17	3,135
Nov 18	2,924
Nov 19	3,000
Nov 20	2,848
Nov 21	1,768
Nov 22	1,191
Nov 23	3,591
Nov 24	3,786
Nov 25	2,940
Nov 26	445
Nov 27	3,383
Nov 28	2,905
Nov 29	1,758
Nov 30	5,501
Dec 1	5,856
Dec 2	6,073
Dec 3	5,760
Dec 4	5,277
Dec 5	2,179
Dec 6	2,101
Dec 7	6,202
Dec 8	5,392
Dec 9	5,394
Dec 10	5,451
Dec 11	4,929
Dec 12	2,856
Dec 13	2,188
Dec 14	6,241
Dec 15	5,980
Dec 16	5,618
Dec 17	1,557
Dec 18	5,597
Dec 19	3,560
Dec 20	2,201
Dec 21	6,053
Dec 22	4,940
Dec 23	2,683
Dec 24	724
Dec 25	55

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Massachusetts Department of Public Health COVID-19 Dashboard-
Positive Tests by Age Group

Percent Positive by Week and Age Group

Age Group ● 0-19 years ● 20-29 years ● 30-39 years ● 40-49 years ● 50-59 years ● 60-69 years ● 70-79 years ● 80+ years ● Unknown

Full Week of Testing Starting on the Date Shown

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
Note: this data was last updated on Wednesday, 12/23/2020 . This includes individuals who have had more than one molecular test.

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Massachusetts Department of Public Health COVID-19 Dashboard- Saturday, December 26, 2020
Testing by Date - Molecular (Total Tests Conducted Since March)

Total Molecular Tests by Date

● All Molecular Tests   ● 7-Day Average of All Molecular Tests
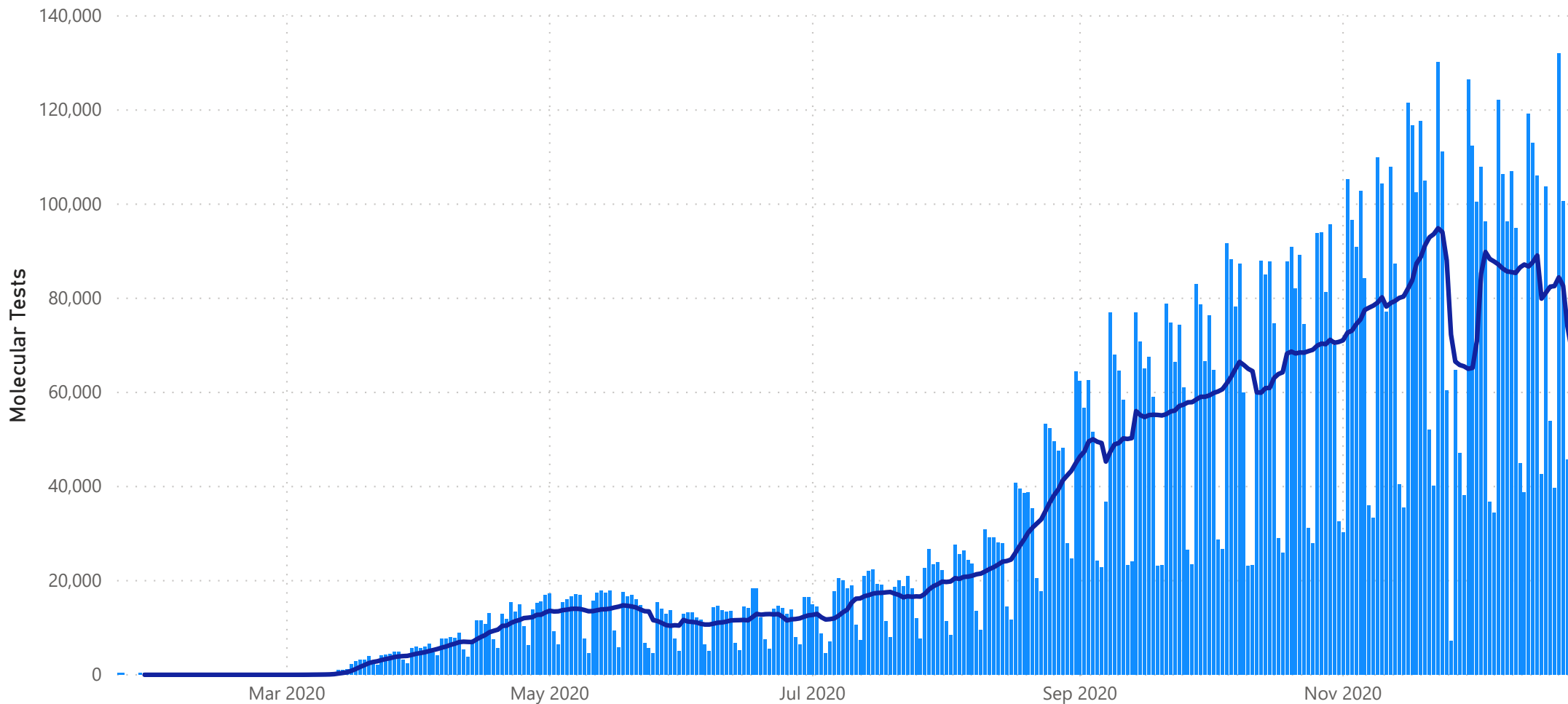
Total Molecular Tests Administered
10,622,490

7-Day Average Test Rate per 100,000 Residents
778

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; State Population Estimate 2019: Small Area Population Estimates 2011-2020, version 2019, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/25/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. This includes individuals who have had more than one molecular test.

Massachusetts Department of Public Health COVID-19 Dashboard- Saturday, December 26, 2020

Testing by Date - Molecular (Total Tests Conducted Past 6 Weeks)

Total Number of Molecular Tests Performed by Date
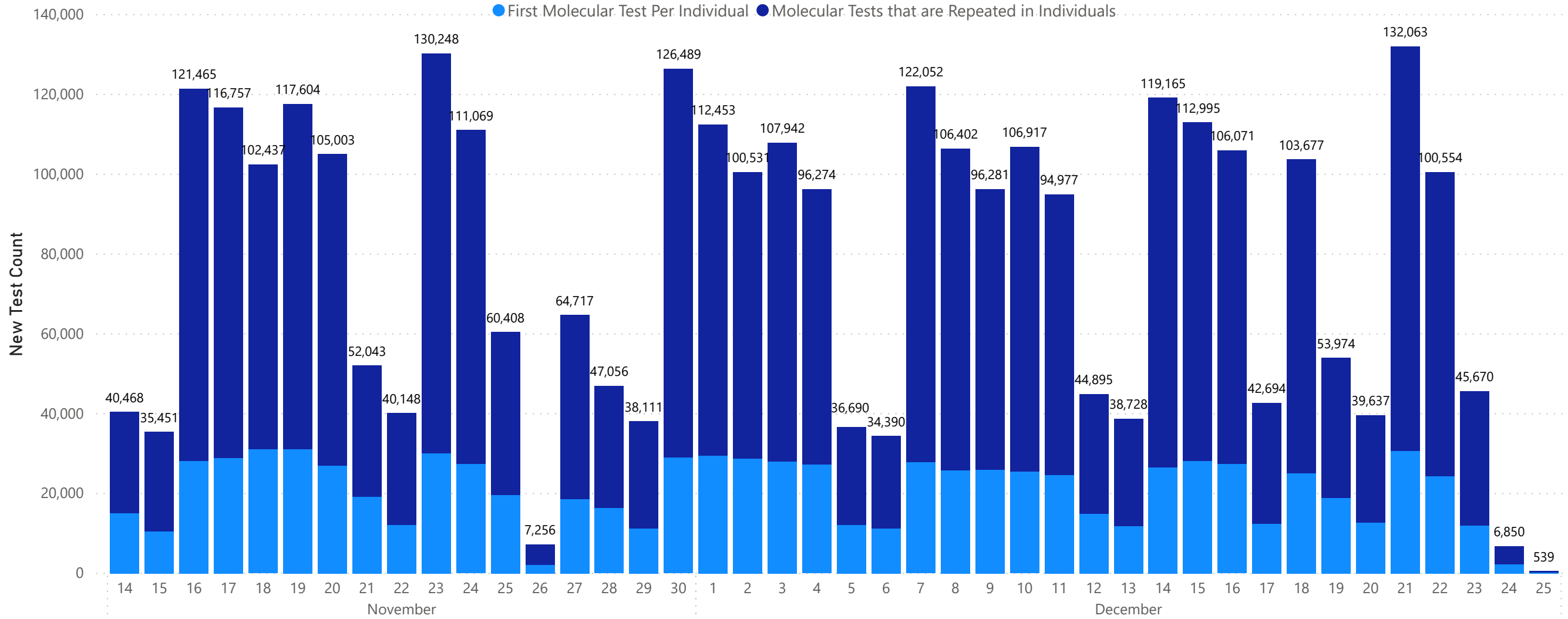
● First Molecular Test Per Individual ● Molecular Tests that are Repeated in Individuals

Probable Case Information

Newly Reported Probable Cases	Total Probable Cases
253	13,871

Newly Reported Deaths Among Probable	Total Deaths Among Probable Cases
1	258

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health Note: all data are cumulative and current as of 11:59pm on 12/25/2020. Due to ongoing data cleaning efforts, the number of newly reported cases may not exactly match the change in total cases from the previous day. For the COVID-19 probable case definition, please see the Glossary at the end of this document in 'Definitions and Disclaimers'.

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Definitions and Disclaimers

Massachusetts Department of Public Health COVID-19 Dashboard-
Daily Confirmed Hospitalizations

Saturday, December 26, 2020

Total Confirmed COVID Patients in Hospital

● Confirmed COVID Hospitalizations ● 7-Day Average of Confirmed COVID Hospitalizations
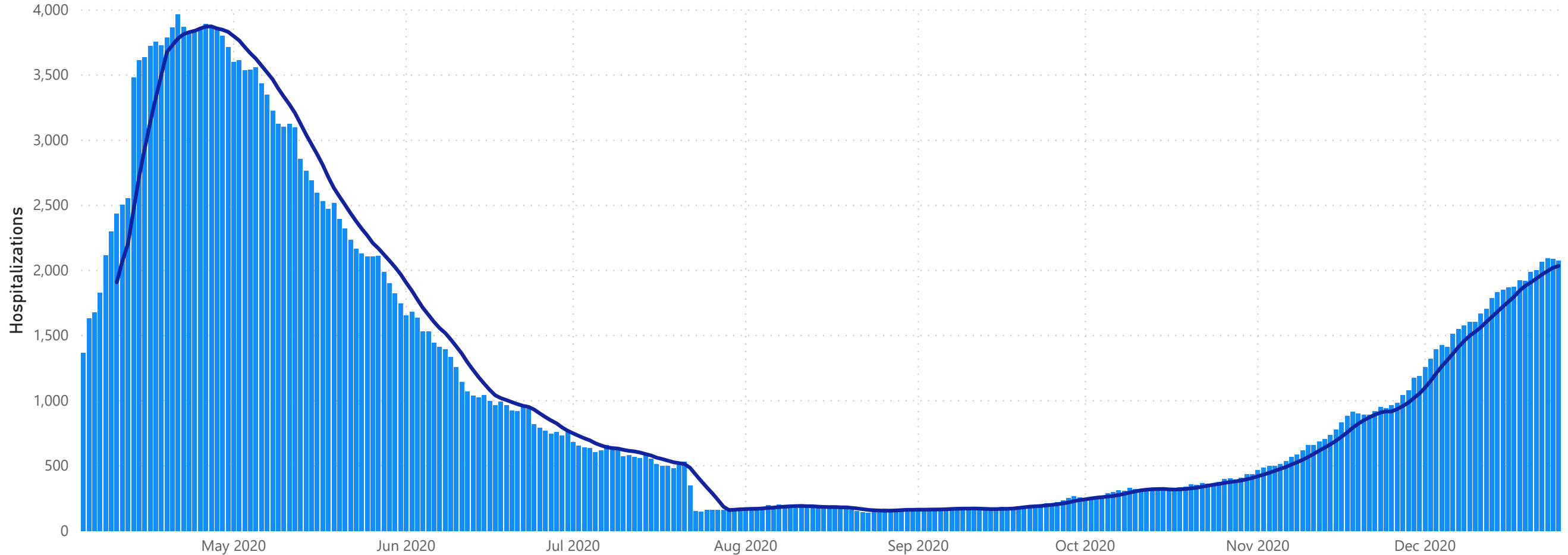
Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
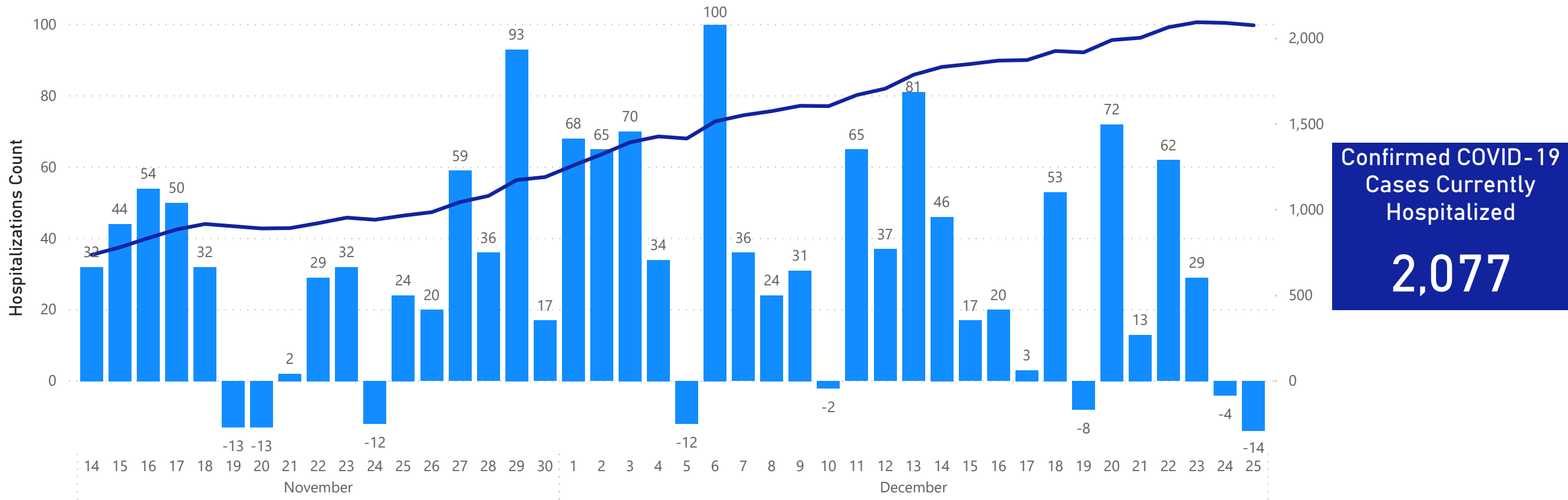Notes: data are current as of 3:00pm on 12/25/2020. For purposes of this reporting, "confirmed" are cases with a PCR test. Hospitalization data includes alternate care sites beginning on 12/06/2020. Data prior to 07/22/2020 include both confirmed and suspected COVID hospitalizations, as confirmed COVID hospitalizations were not reported separately during this time.

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Daily COVID-19 Hospitalizations

Patients Reported as Hospitalized with Confirmed COVID-19 by Date

● Changes in Confirmed Hospitalized Patients by Date   ● Total Hospital Census Today

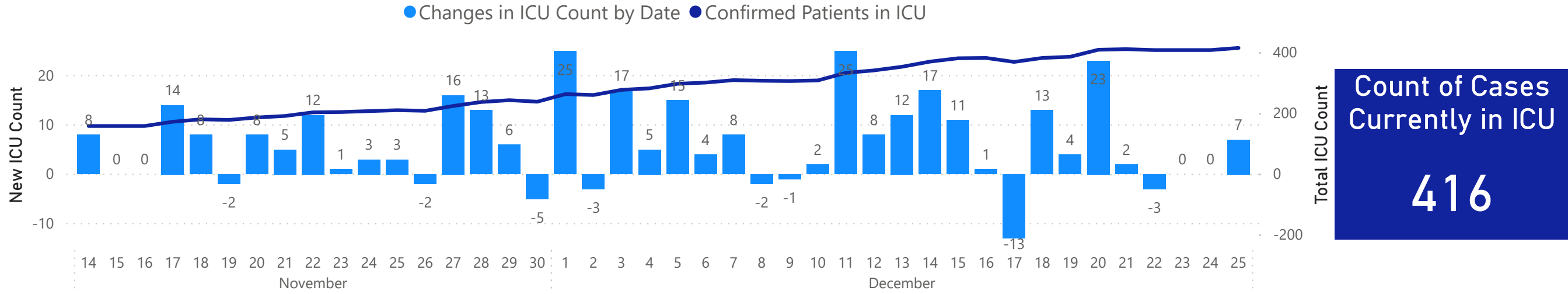Confirmed COVID-19 Cases Currently Hospitalized

2,077

Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
Notes: data are current as of 3:00pm on 12/25/2020. For purposes of this reporting, "confirmed" are cases with a PCR test. Hospitalization data includes alternate care sites beginning on 12/06/2020.
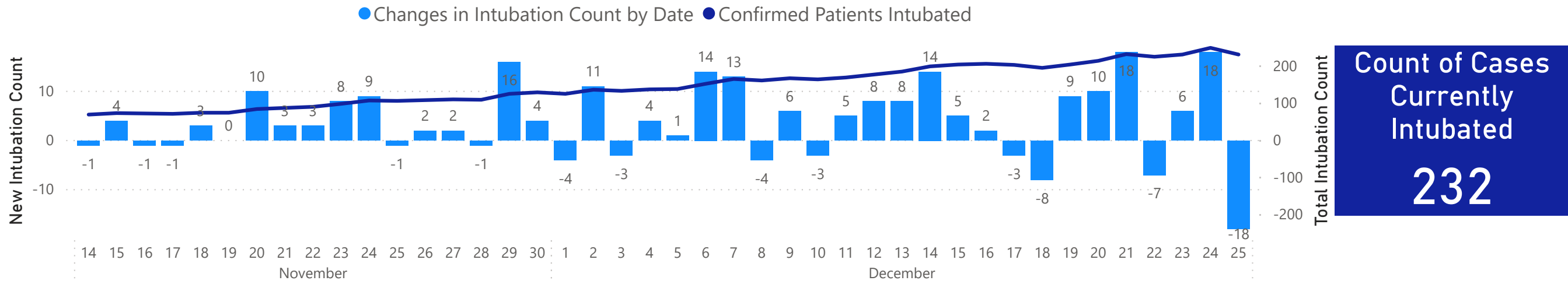
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Massachusetts Department of Public Health COVID-19 Dashboard-   Saturday, December 26, 2020

Daily and Cumulative COVID-19 ICU and Intubations

Patients Reported in ICU with COVID-19 by Date

● Changes in ICU Count by Date ● Confirmed Patients in ICU

Count of Cases Currently in ICU

416

Patients Reported as Intubated with COVID-19 by Date

● Changes in Intubation Count by Date ● Confirmed Patients Intubated

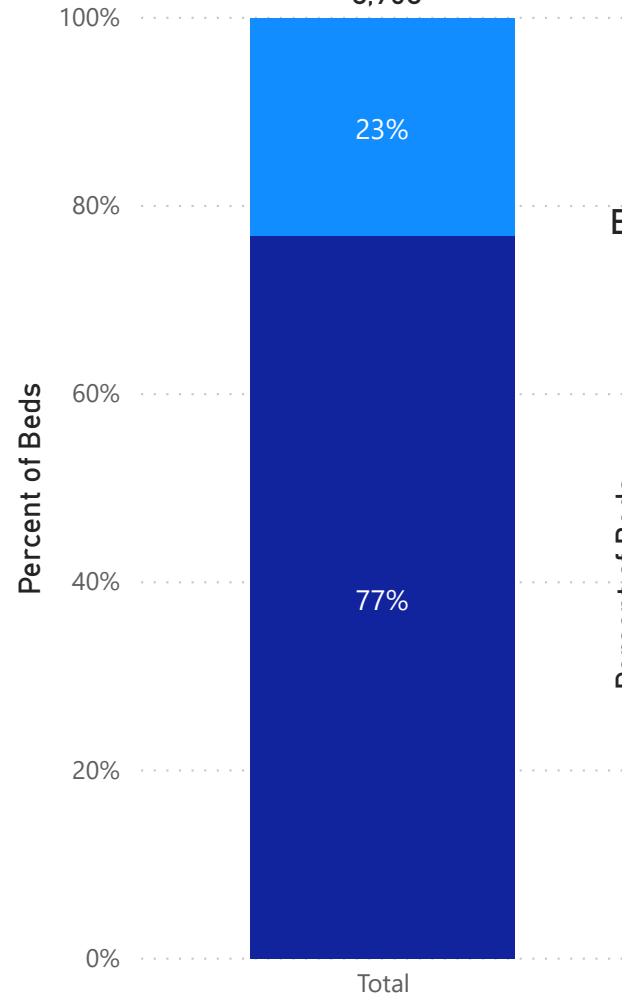Count of Cases Currently Intubated

232

Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
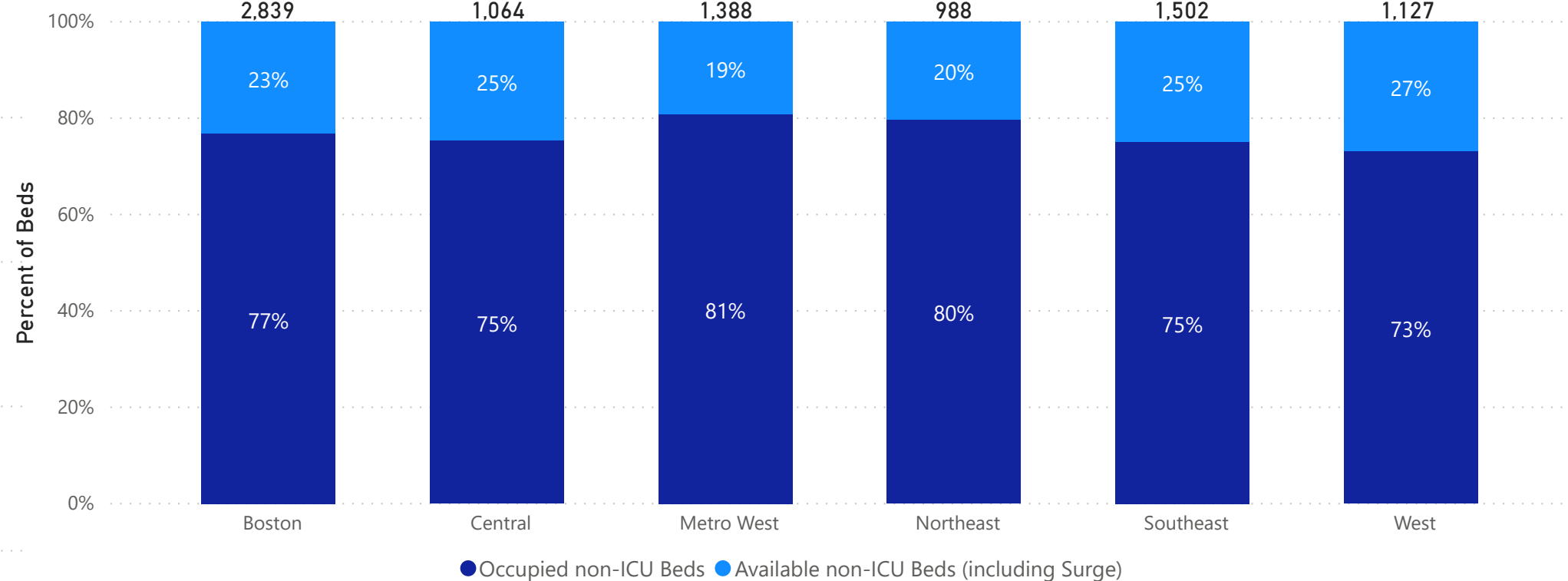Notes: data are current as of 3:00pm on 12/25/2020.

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Total Hospital Capacity by Region (Non-ICU)

Data collected as of 12/25/2020 3:00pm

Massachusetts

By Region

8,908

Percent of Beds

100%

80%

60%

40%

20%

0%

23%

77%

Total

100%

80%

60%

40%

20%

0%

Percent of Beds

2,839

23%

77%

Boston

1,064

25%

75%

Central

1,388

19%

81%

Metro West

988

20%

80%

Northeast

1,502

25%

75%

Southeast

1,127

27%

73%

West

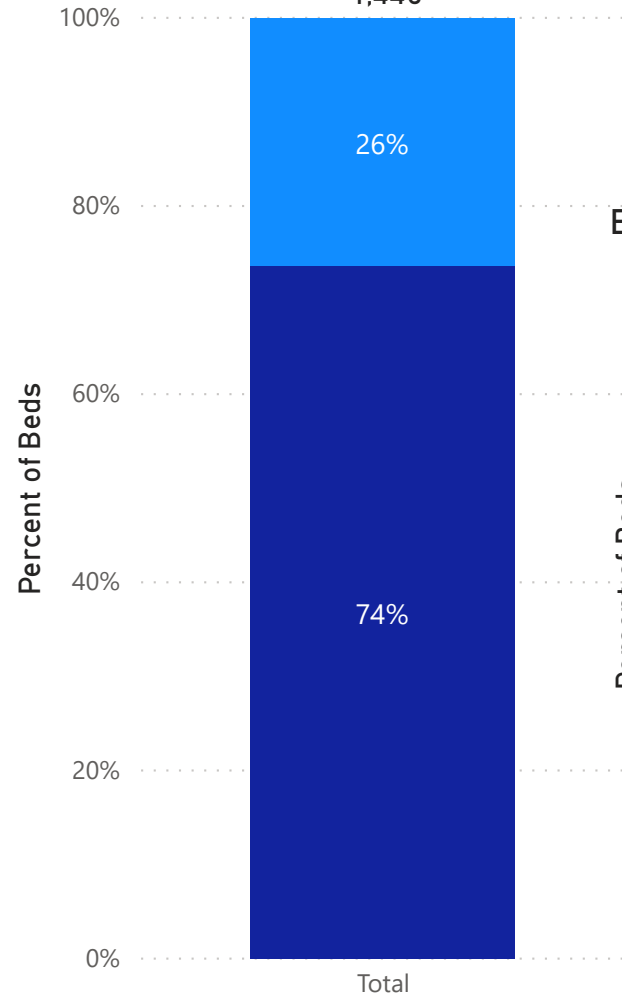● Occupied non-ICU Beds ● Available non-ICU Beds (including Surge)

Previously these graphs were based on rounded bed counts. As of 12/11/2020, they display the bed counts as reported. Occupancy/ availability as reported by hospitals to DPH.
Regions shown represent EOHHS Regions. Note that total bed estimates may change day-to-day due to hospitals updating surge planning. As of 06/16/2020, data reflects updated data collection methodology and the removal of unstaffed beds from this analysis. Analysis here reflects total beds that hospitals could staff within 12-24 hours. As of 9/8/20, all observation beds and observation status patients are included in the Available Non-ICU Beds and Occupied Non-ICU Beds categories.
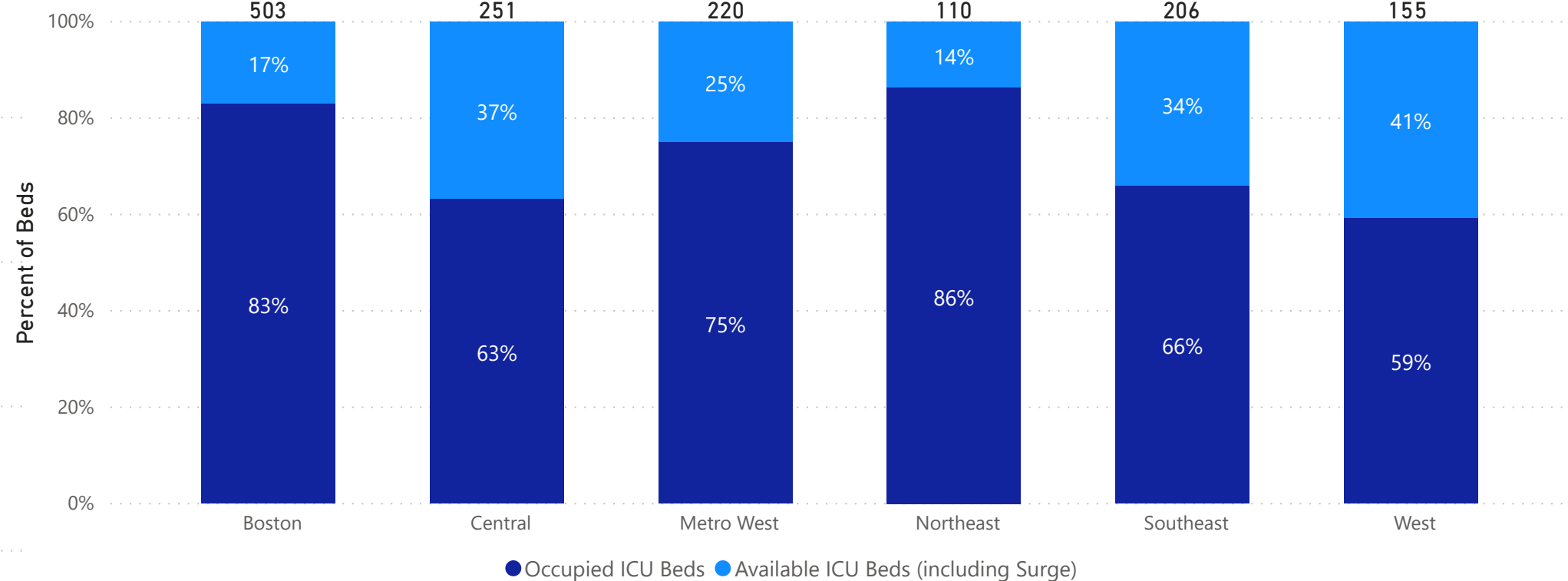
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Total Hospital Capacity by Region (ICU)

Data collected as of 12/25/2020 3:00pm

Massachusetts

1,445

- 100%
- 80%
- 60%
- 40%
- 20%
- 0%

Percent of Beds

Total: 26% / 74%

By Region

Percent of Beds

Region	Available ICU Beds (incl. Surge)	Occupied ICU Beds	Total
Boston	17%	83%	503
Central	37%	63%	251
Metro West	25%	75%	220
Northeast	14%	86%	110
Southeast	34%	66%	206
West	41%	59%	155

● Occupied ICU Beds ● Available ICU Beds (including Surge)

Previously these graphs were based on rounded bed counts. As of 12/11/2020, they display the bed counts as reported. Occupancy/ availability as reported by hospitals to DPH.
Regions shown represent EOHHS Regions. Note that total bed estimates may change day-to-day due to hospitals updating surge planning. As of 06/16/2020, data reflects updated data collection methodology and the removal of unstaffed beds from this analysis. Analysis here reflects total beds that hospitals could staff within 12-24 hours. As of 9/8/20, all observation beds and observation status patients are included in the Available Non-ICU Beds and Occupied Non-ICU Beds categories.

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Testing and Cases

Hospitalization

Deaths

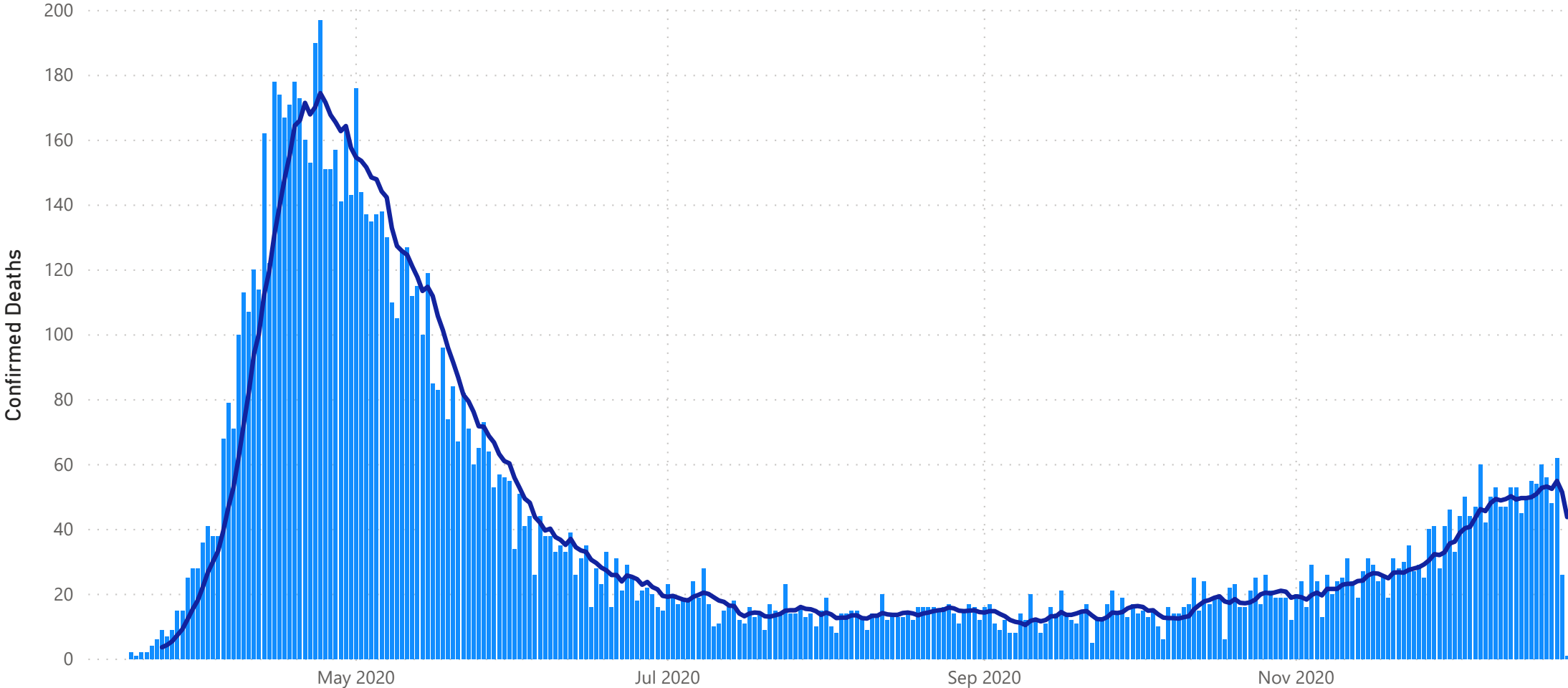Demographics, Activities, and Key Settings

Definitions and Disclaimers

Massachusetts Department of Public Health COVID-19 Dashboard-
Daily Confirmed Deaths (Since March)

Confirmed COVID Deaths by Date of Death

● Confirmed Deaths ● 7-Day Average of Confirmed Deaths

Total Deaths Among Confirmed Cases

11,752

Confirmed Deaths

200
180
160
140
120
100
80
60
40
20
0

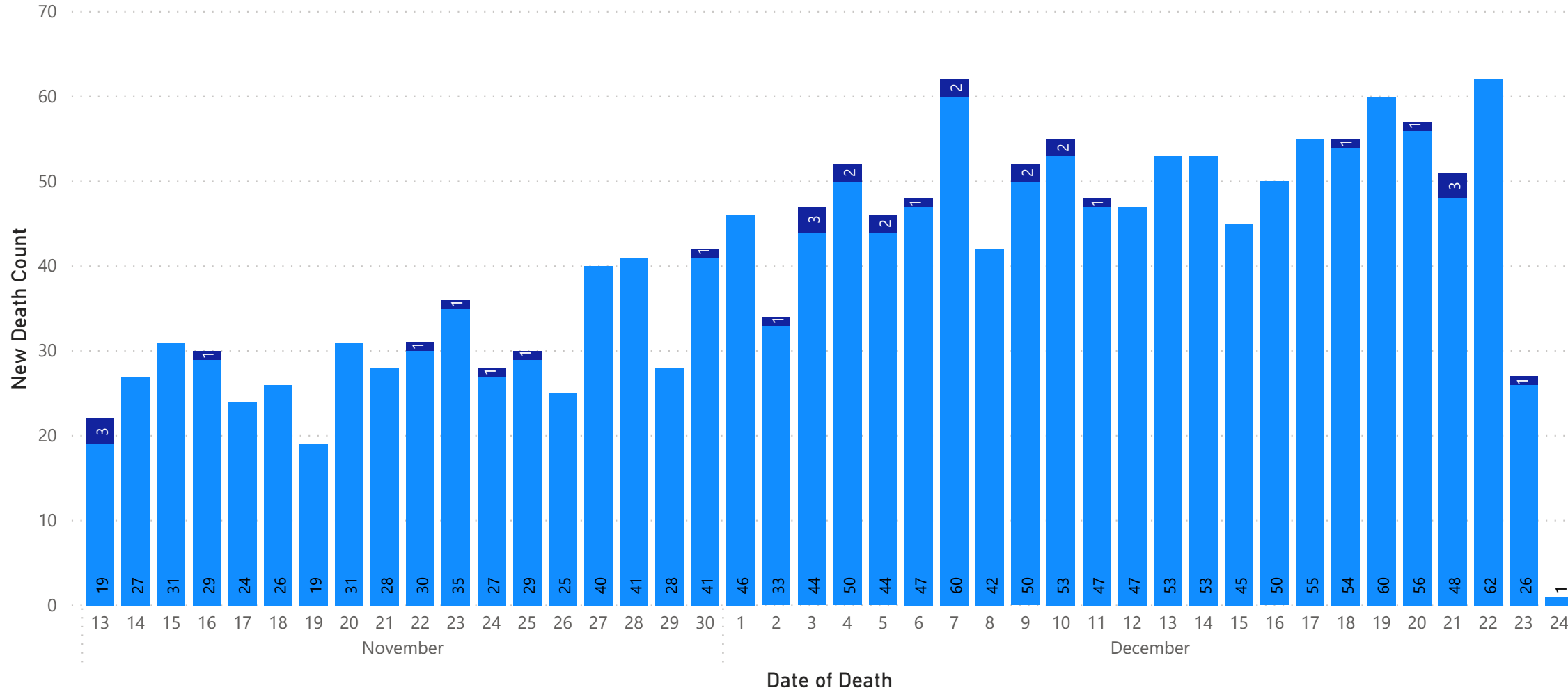May 2020   Jul 2020   Sep 2020   Nov 2020

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; State Population Estimate 2019: Small Area Population Estimates 2011-2020, version 2019, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/25/2020.

Massachusetts Department of Public Health COVID-19 Dashboard-
Daily and Cumulative Deaths
Saturday, December 26, 2020

Total Deaths* in COVID-19 Cases by Date of Death

● New Confirmed Deaths ● New Probable Deaths

Total Deaths in COVID-19 Cases

12,010

Date of Death

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/25/2020; *Counts on the trend chart do not match total number of deaths reported, as there is a several day lag in reporting by date of death. Includes both probable and confirmed cases.
For confirmed and probable case definitions, please see the Glossary at the end of this document in 'Definitions and Disclaimers'.

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Testing and Cases

Hospitalization

Deaths

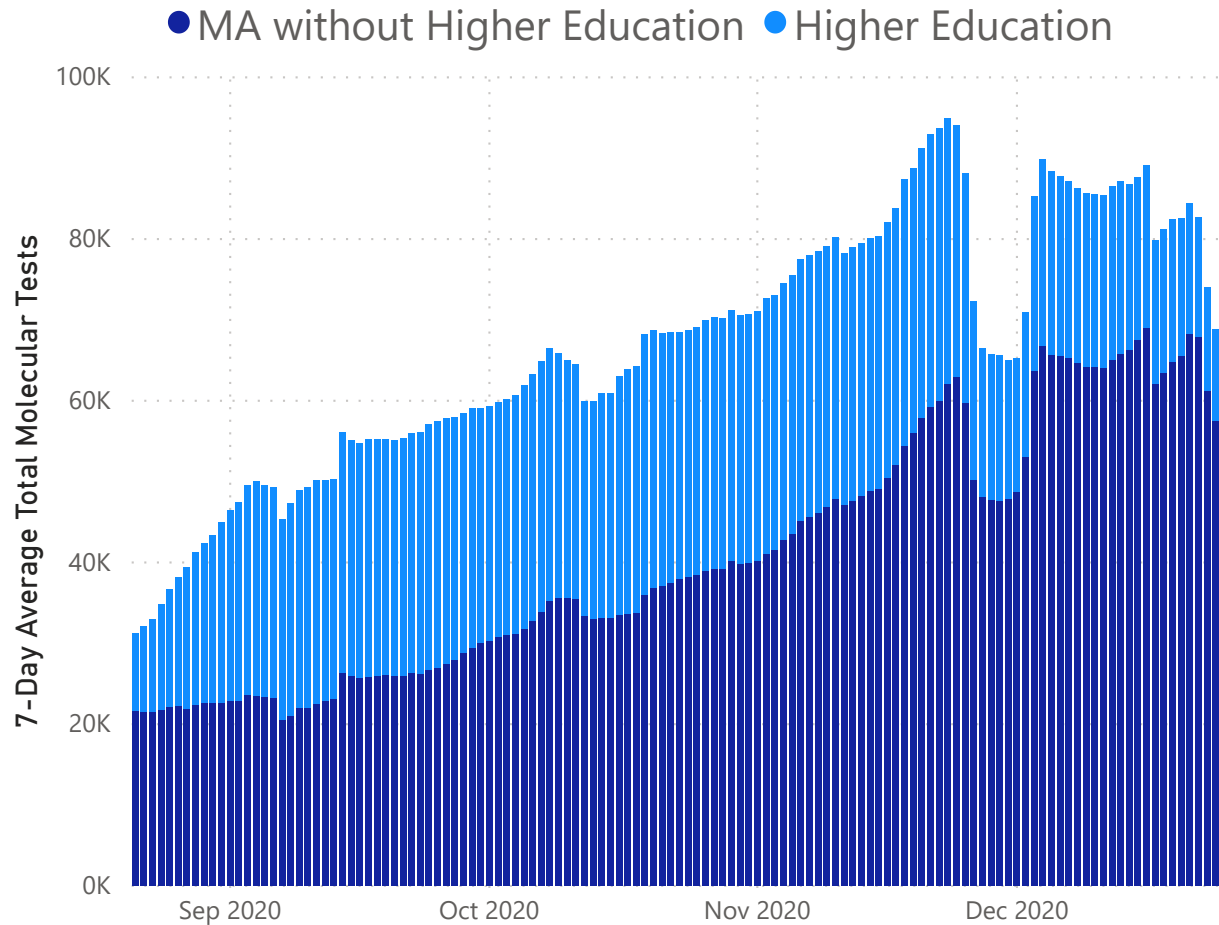**Demographics, Activities, and Key Settings**
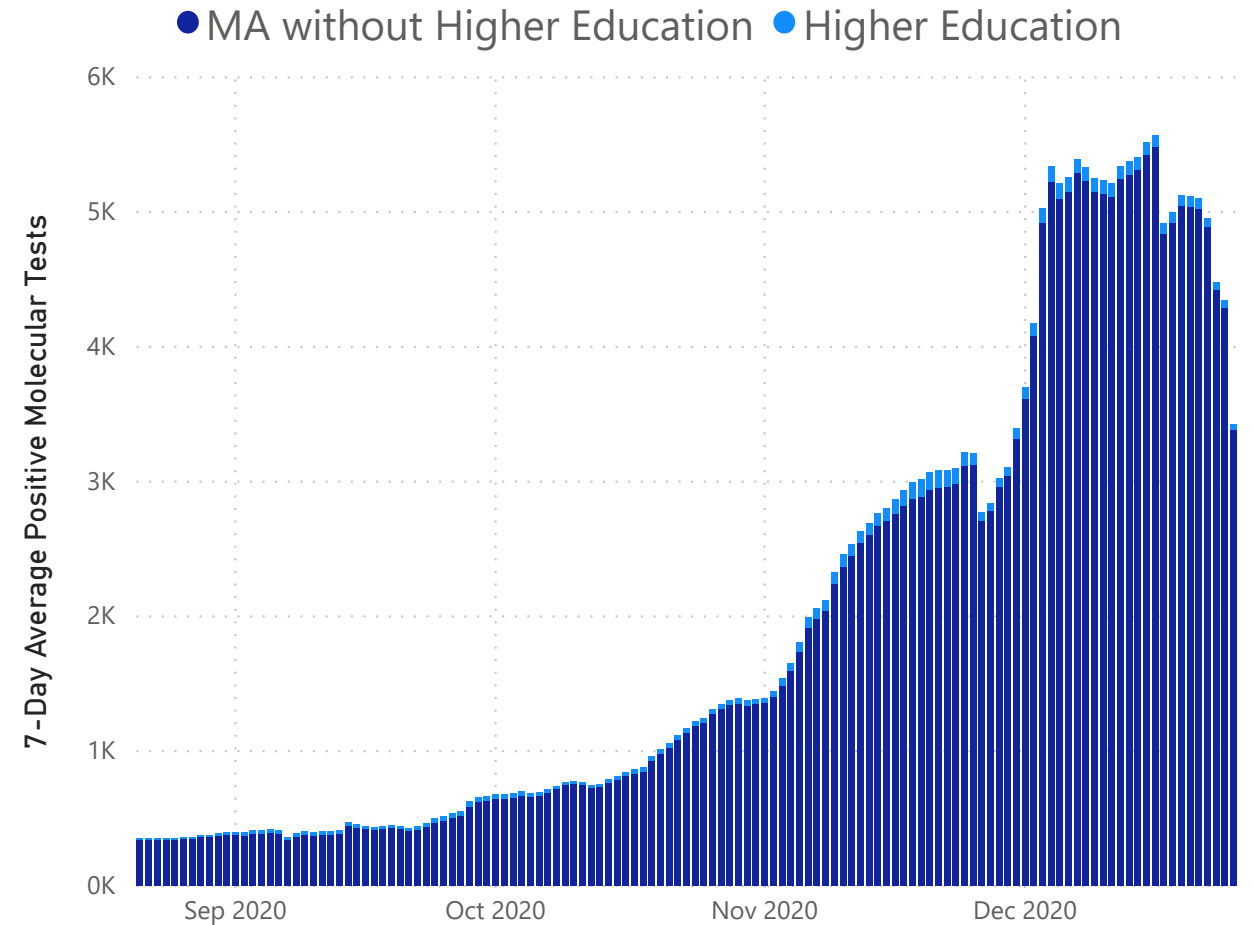
Definitions and Disclaimers

Massachusetts Department of Public Health COVID-19 Dashboard- Saturday, December 26, 2020

All Molecular COVID-19 Tests Associated with Higher Education Testing

7-Day Average Total Molecular Tests by Date
● MA without Higher Education ● Higher Education

7-Day Average Total Positive Molecular Tests by Date
● MA without Higher Education ● Higher Education

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/25/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. This includes individuals who have had more than one molecular test.

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Massachusetts Department of Public Health COVID-19 Dashboard-
Daily and Cumulative County Data

Saturday, December 26, 2020

County ▲	New Confirmed Cases Reported	Cumulative Confirmed Cases To Date	New Confirmed and Probable Deaths Reported	Cumulative Confirmed and Probable Deaths To Date
Barnstable	203	5,008	1	227
Berkshire	56	2,660	1	126
Bristol	927	32,058	3	1,019
Dukes	6	454		
Dukes and Nantucket			0	2
Essex	848	54,530	11	1,636
Franklin	22	1,201	1	89
Hampden	468	24,666	4	1,028
Hampshire	93	3,524	0	184
Middlesex	1,489	70,748	14	2,658
Nantucket	11	703		
Norfolk	666	25,321	4	1,266
Plymouth	477	22,511	2	974
Suffolk	1,010	51,663	2	1,343
Unknown	38	980	0	6
Worcester	1,110	39,704	4	1,452
Total	**7,424**	**335,731**	**47**	**12,010**

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/25/2020. Includes both probable and confirmed cases. For the COVID-19 probable case definition, please see the Glossary at the end of this document in 'Definitions and Disclaimers'.

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