Massachusetts Department of Public Health COVID-19 Dashboard- Thursday, December 31, 2020

Dashboard of Public Health Indicators

Testing and Cases

Newly Reported Confirmed Cases	Total New Molecular Tests Reported	7-Day Average Positivity	Estimated Active Cases
6,887	95,827	8.60%	80,359

Hospitalization

Total Confirmed COVID Patients in Hospital	Total Confirmed COVID Patients in ICU	Average Age of Cases that were Hospitalized*
2,271	417	73

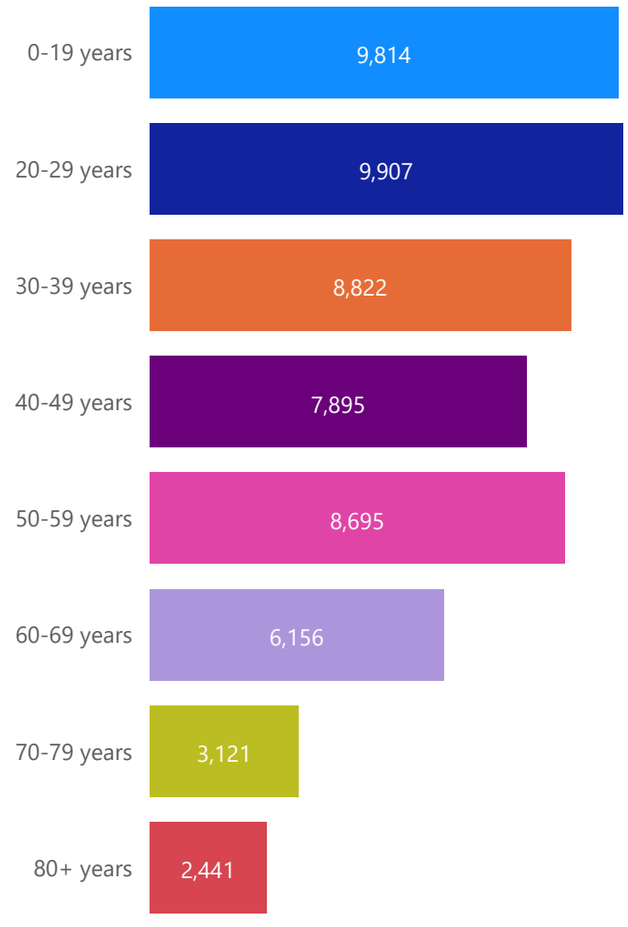
Deaths

Newly Reported Deaths among Confirmed	Average Age of Deaths*
81	81

Turnaround Time

14-Day Average Turnaround (from Test Sample to Report to DPH)*
3.10

Total Cases By Age Group from 12/13/2020-12/26/2020*



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 12/13/2020 to 12/26/2020. Please see the most current weekly dashboard for more details https://www.mass.gov/info-details/covid-19-response-reporting

*Last updated Wednesday, 12/30/2020

Massachusetts Department of Public Health COVID-19 Dashboard-

Dashboard of Public Health Indicators

Thursday, December 31, 2020

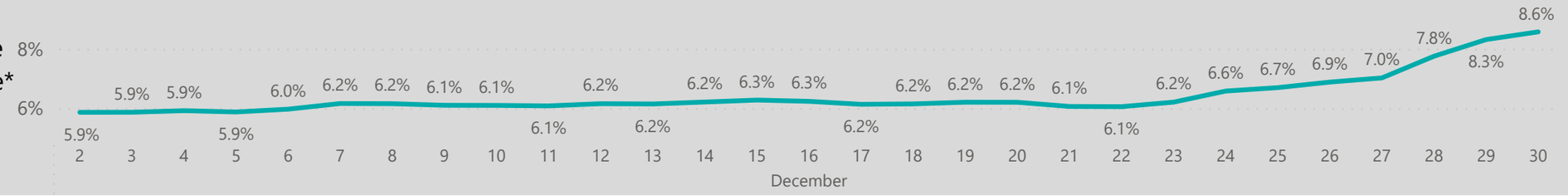
Percent of Change Since Lowest Observed Value (LOV)

7-Day Average of New Confirmed Cases

1,814%

LOV = 157

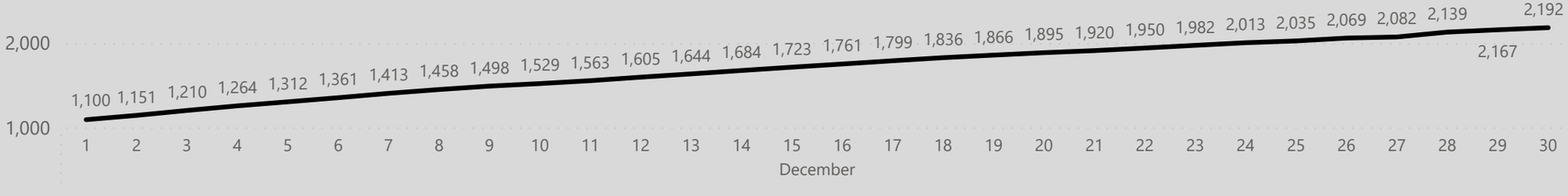
7-Day Weighted Average of Positive Molecular Test Rate*



1015%

LOV = 0.8%

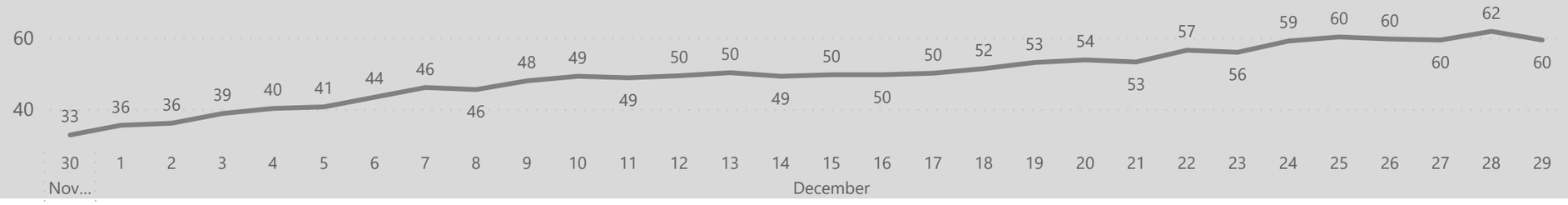
7-Day Average of Number of COVID-19 Patients in Hospital**



1,311%

LOV = 155

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



464%

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.

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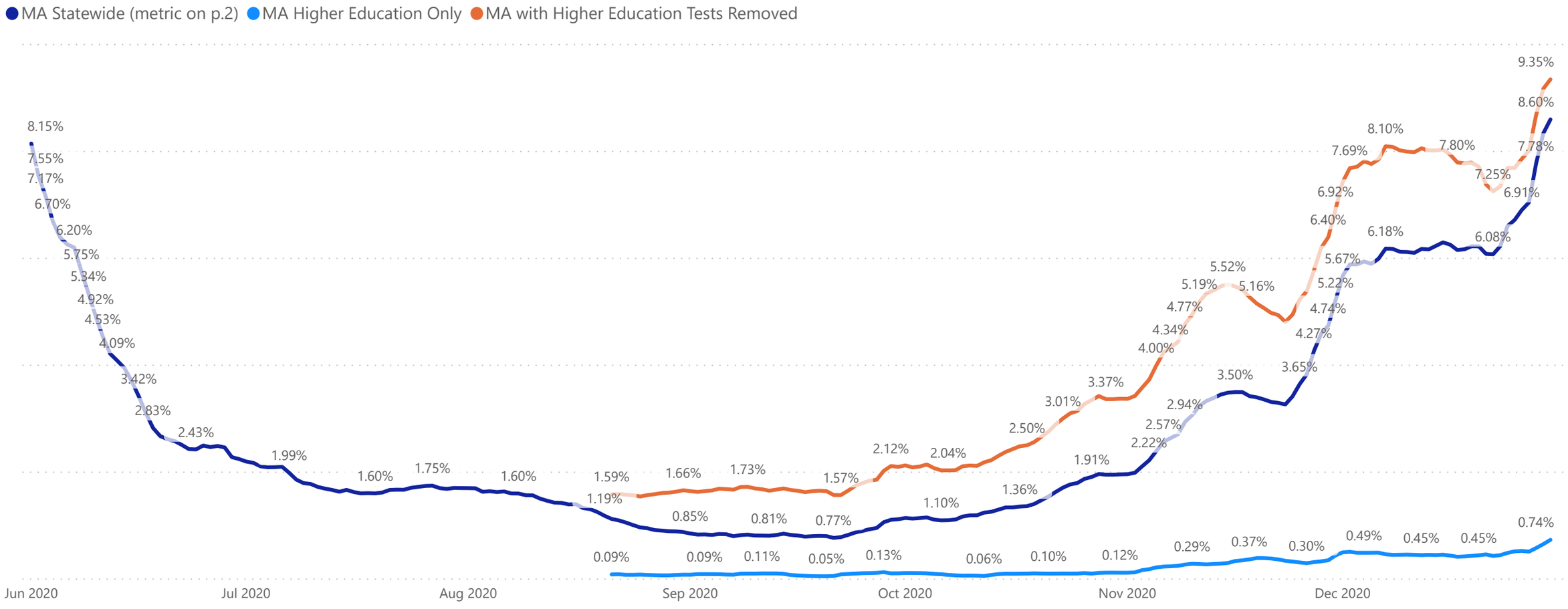
Testing by Date - Molecular (Percent Positive)

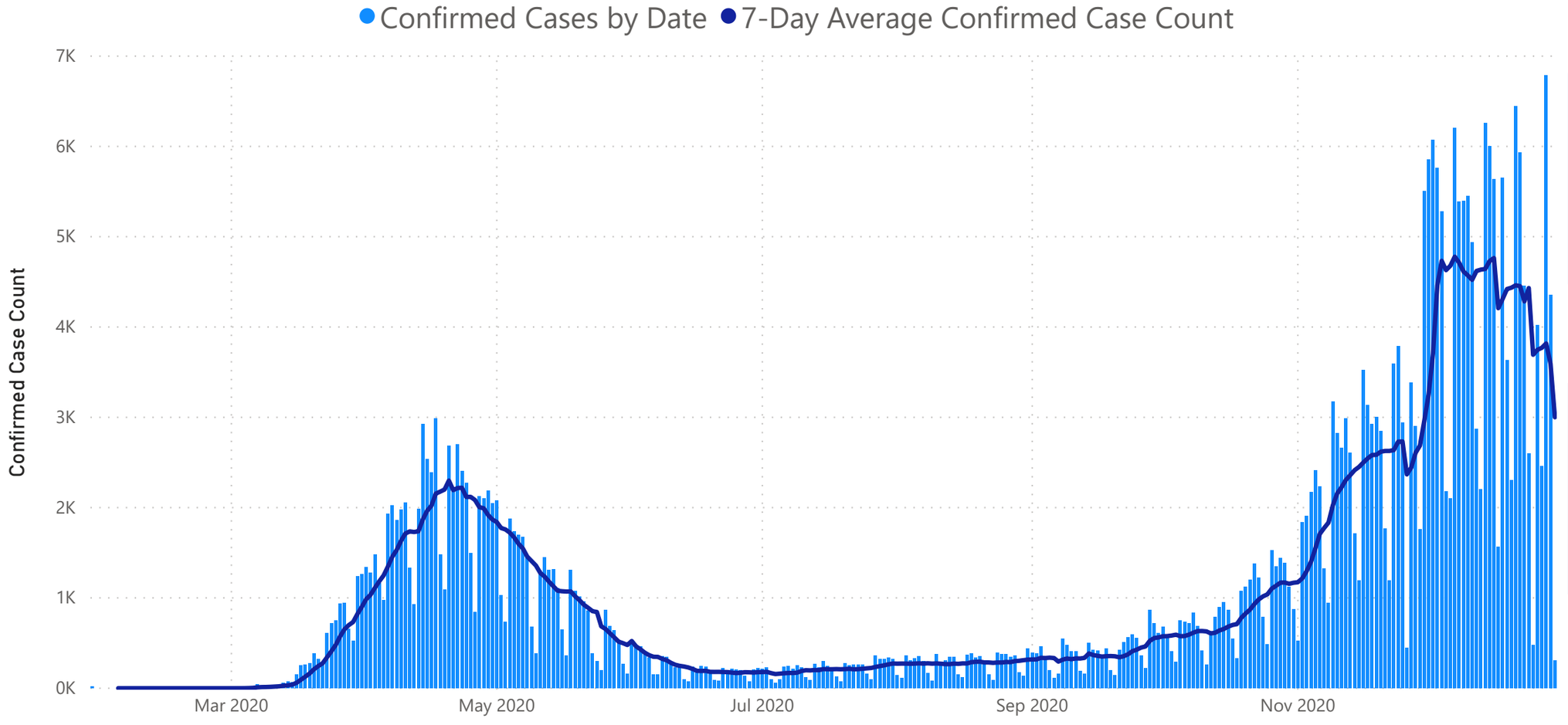
7-Day Weighted Average of Percent of Tests By Molecular Method that are Positive by Test Date



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 12/30/2020. 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.

Daily Confirmed Cases (Since March)

Confirmed COVID-19 Cases To Date by Date Individual Tested



Total Confirmed Cases

359,445

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

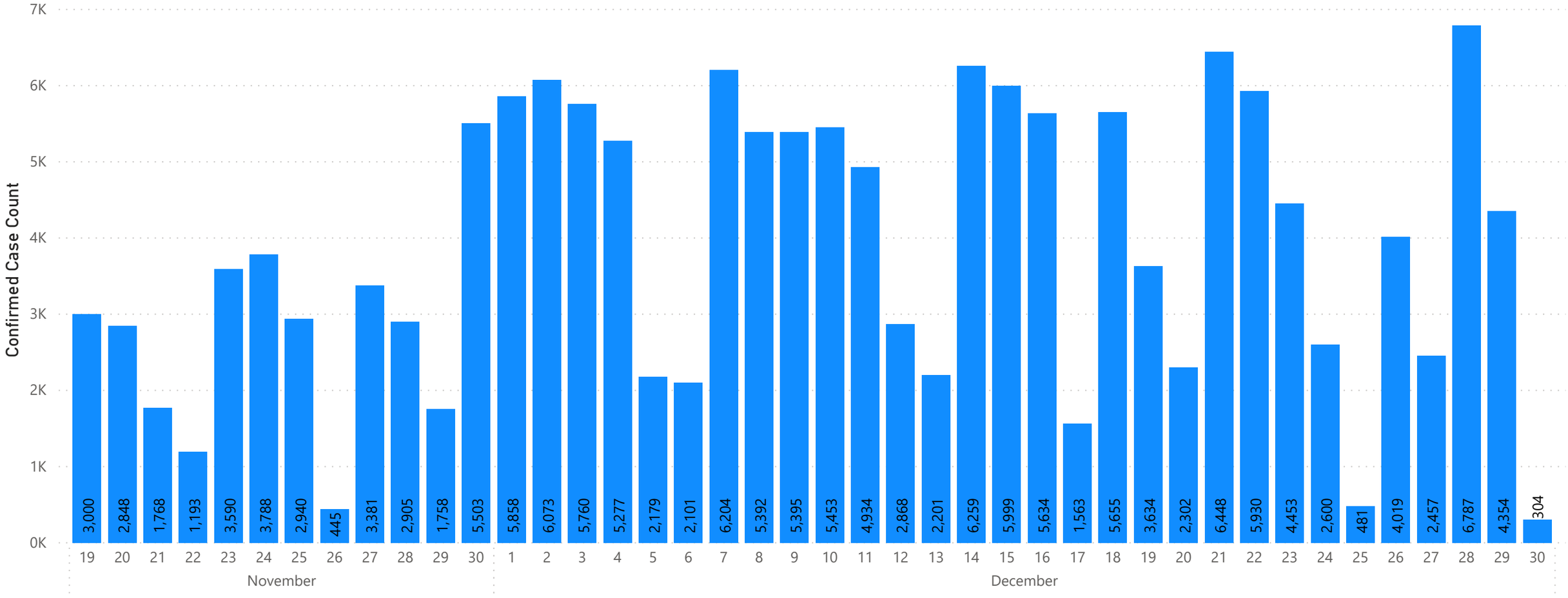
58.3

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 12/30/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.

*Last updated Wednesday, 12/30/2020; Covers 12/13/2020-12/26/2020.

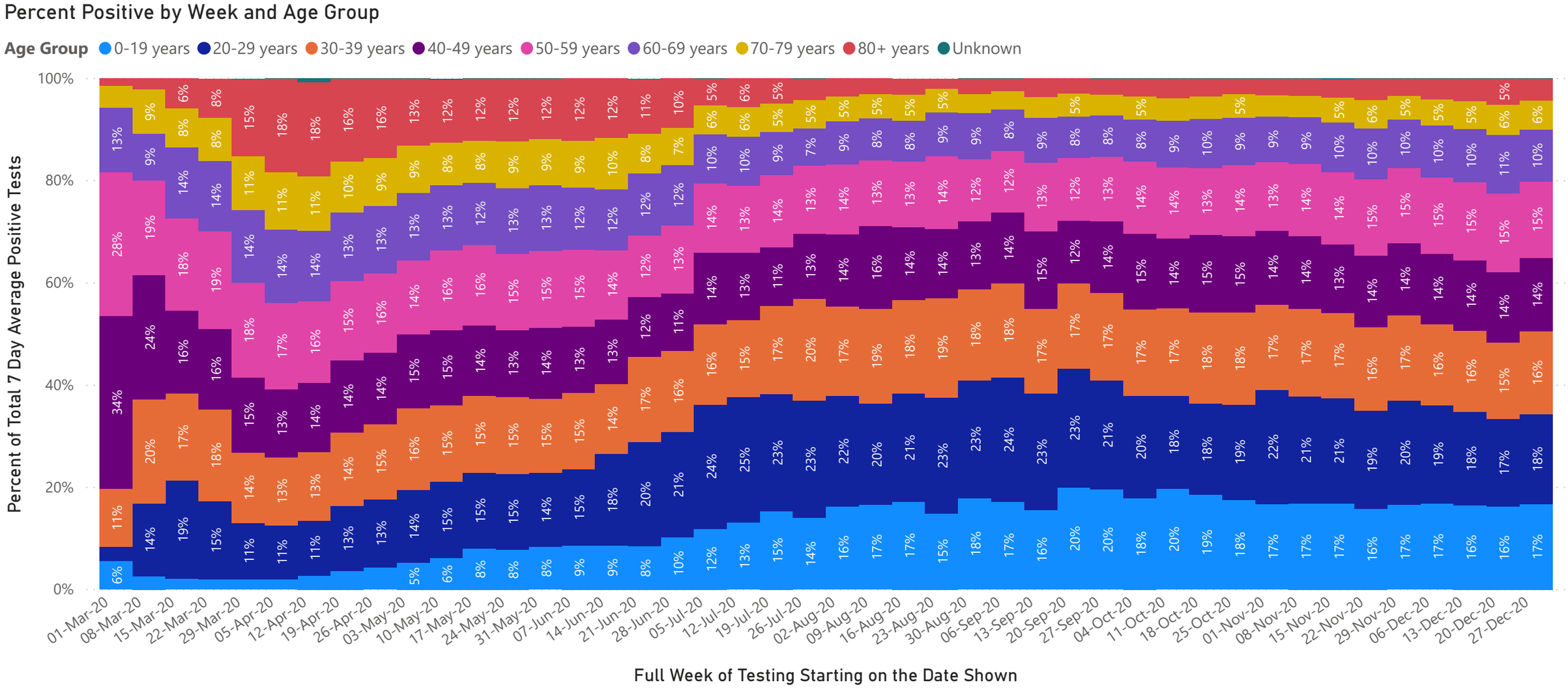
Daily Confirmed Cases (Past 6 Weeks)

Confirmed COVID-19 Cases by Date Individual Tested



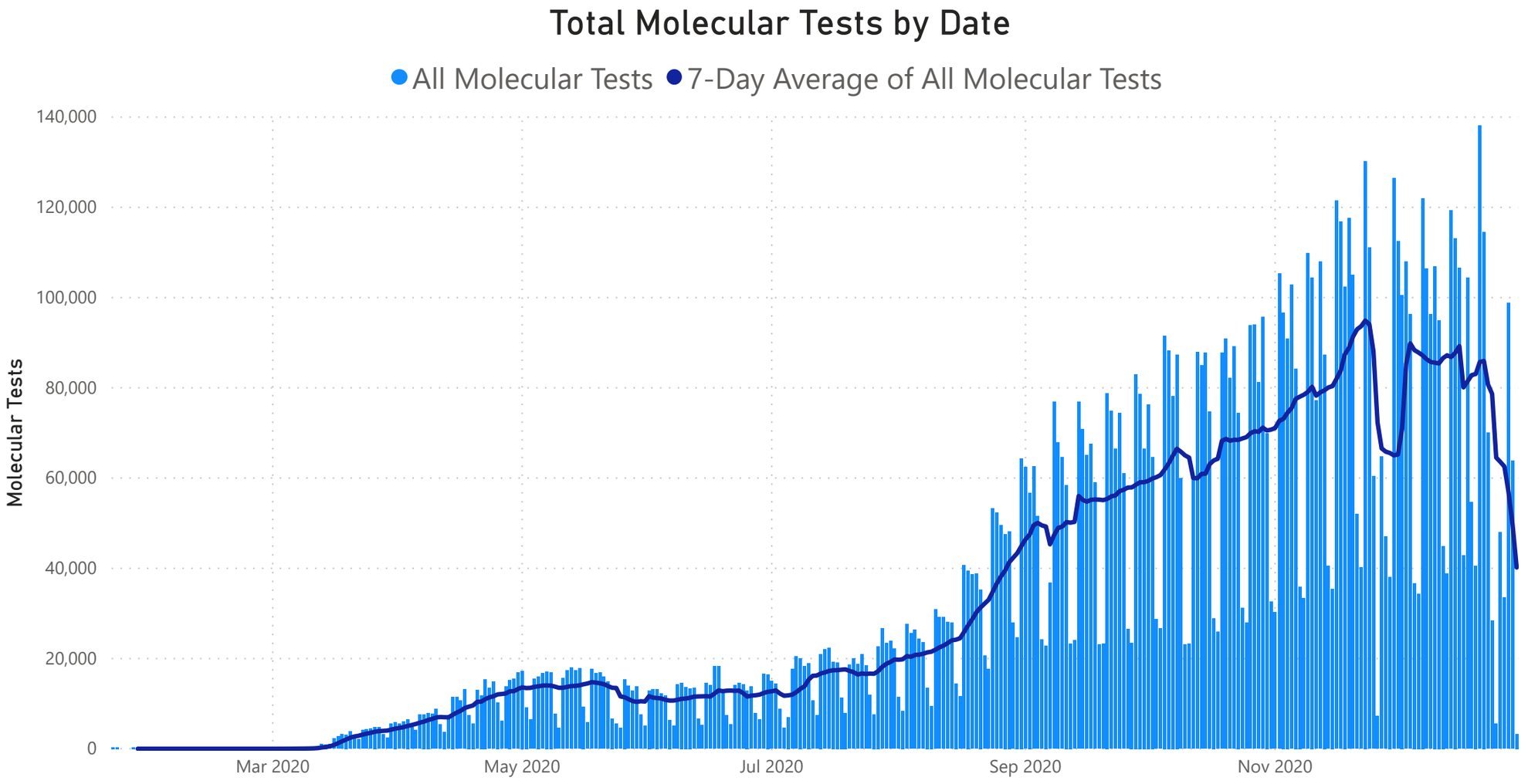
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
Note: all data are current as of 11:59pm on 12/30/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.

Positive Tests by Age Group



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, 12/30/2020 . This includes individuals who have had more than one molecular test.

Testing by Date - Molecular (Total Tests Conducted Since March)



Total Molecular Tests Administered

10,944,699

7-Day Average Test Rate per 100,000 Residents

577

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.
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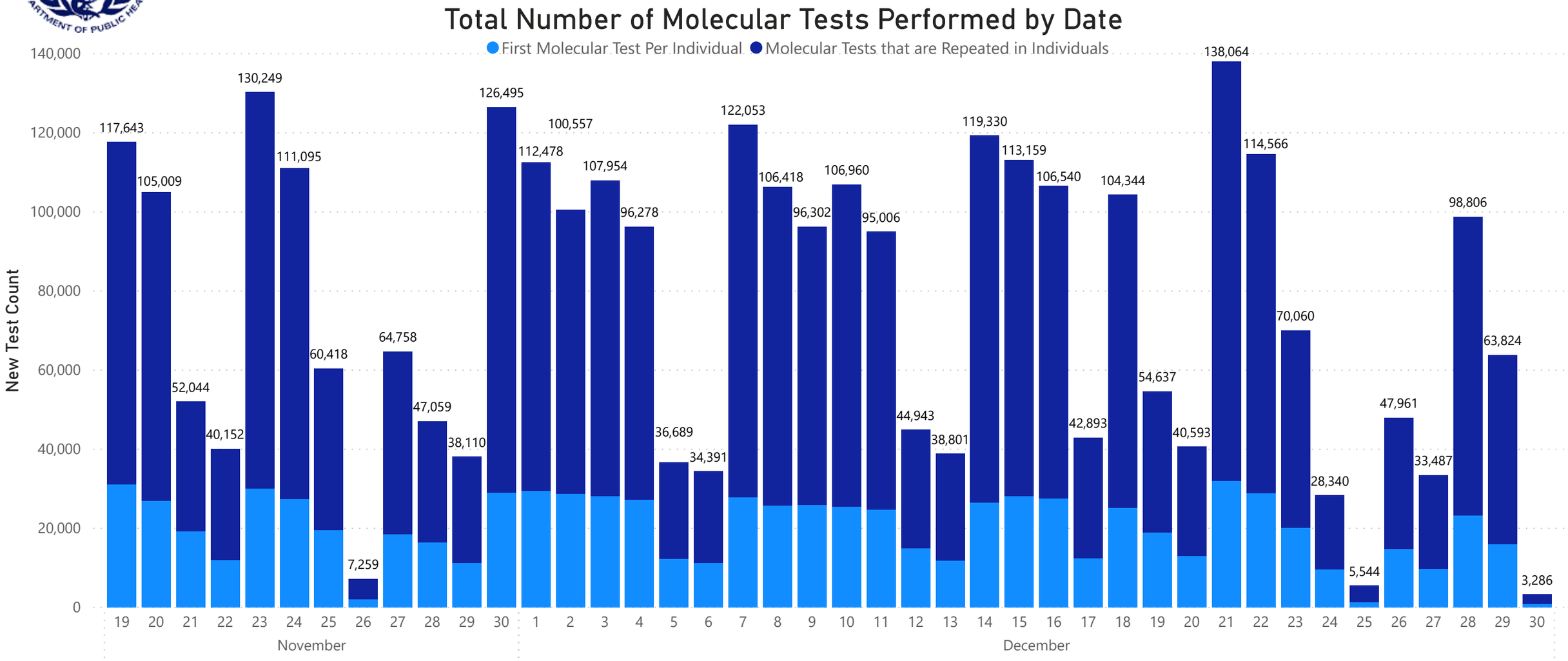
Massachusetts Department of Public Health COVID-19 Dashboard- Thursday, December 31, 2020

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



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 12/30/2020. 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.

Probable Case Information

Newly Reported Probable Cases	Total Probable Cases
373	15,733

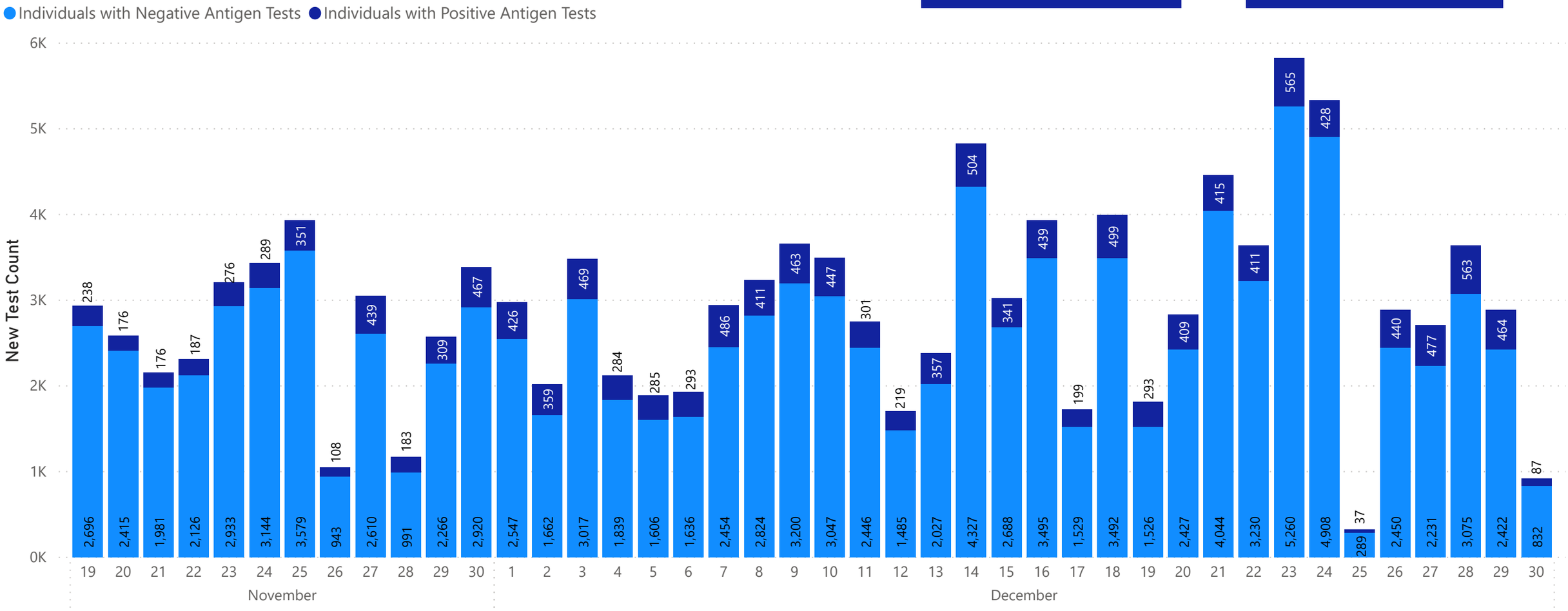
Newly Reported Deaths Among Probable	Total Deaths Among Probable Cases
4	266

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 12/30/2020. 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'.

Testing by Date - Antigens

New Individuals Tested by Antigen Tests	Total Individuals Tested by Antigen Tests
4,225	360,840

Number of Individuals Tested by Antigens by Test Date



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 12/30/2020. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.

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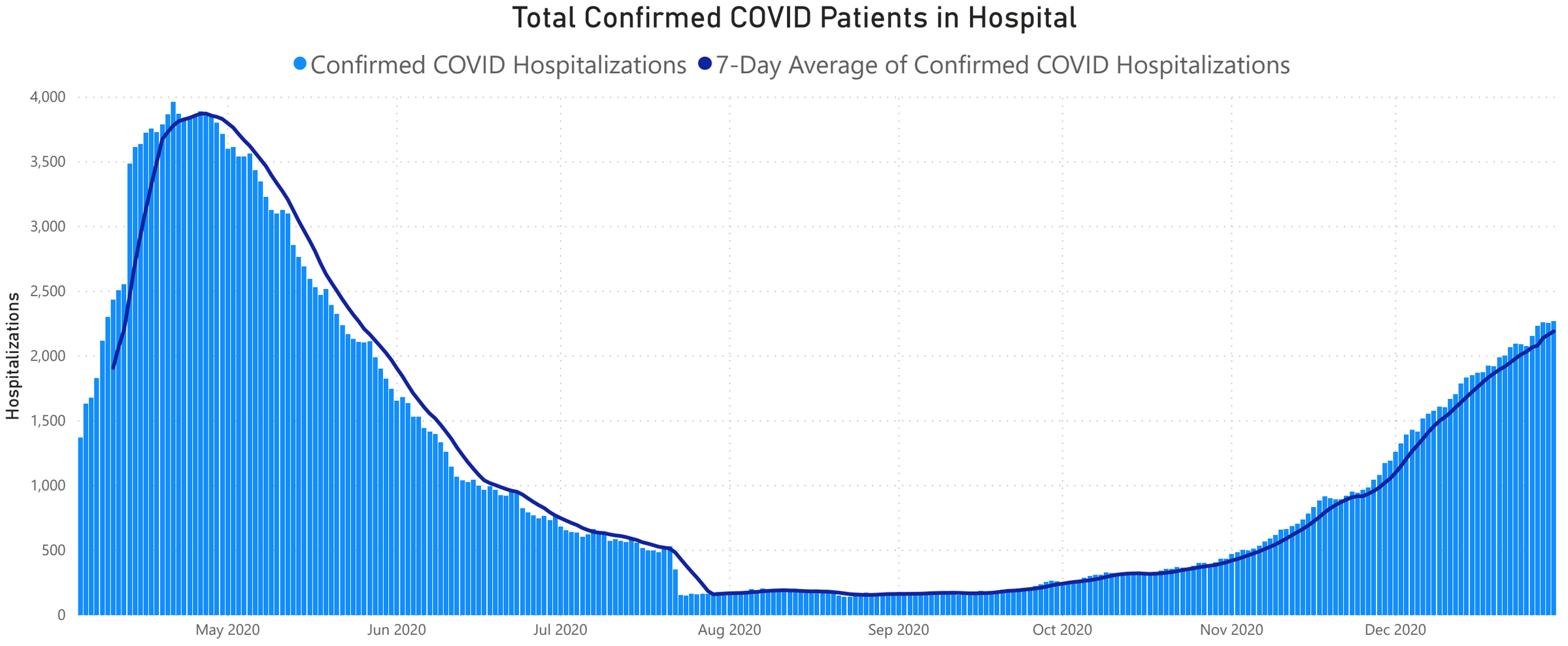
Daily Confirmed Hospitalizations

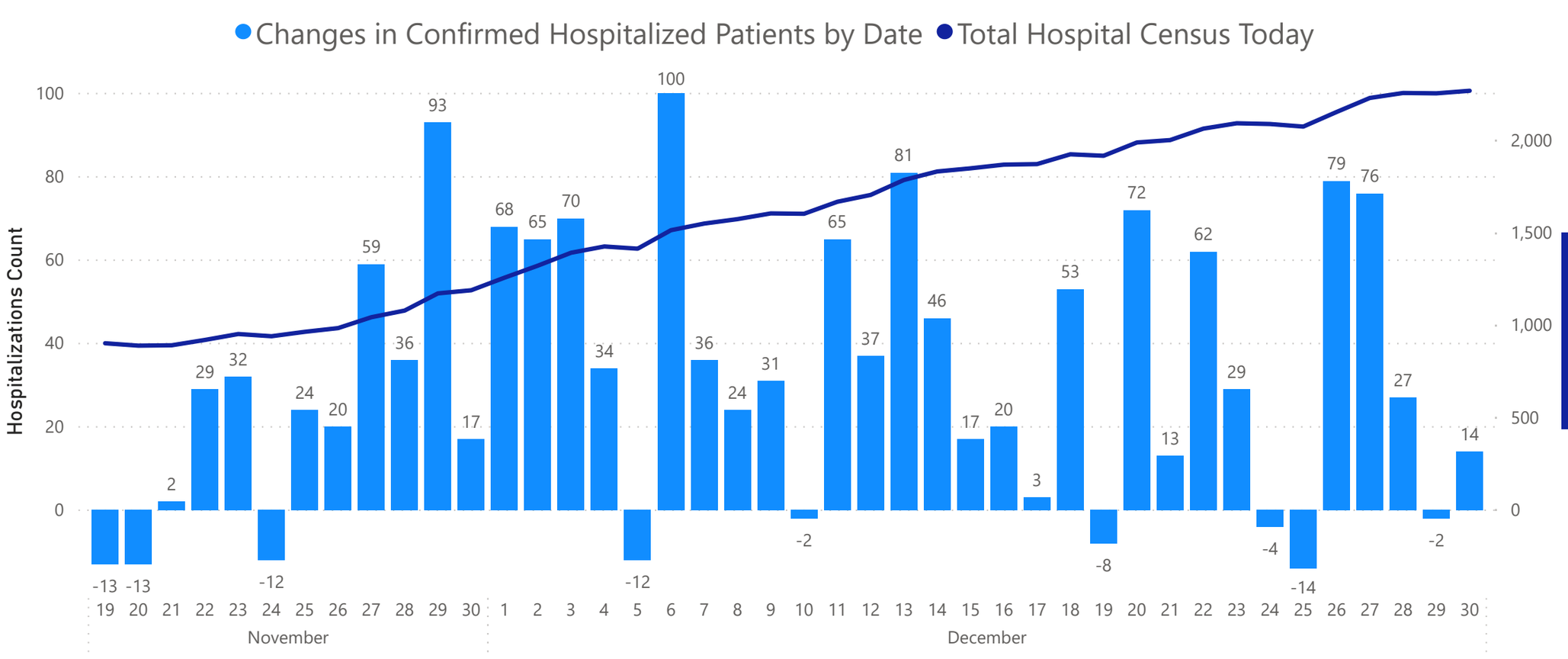


Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
Notes: data are current as of 3:00pm on 12/30/2020. For purposes of this reporting, "confirmed" are cases with a PCR test. Hospitalization 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.

Massachusetts Department of Public Health COVID-19 Dashboard- Thursday, December 31, 2020

Daily COVID-19 Hospitalizations

Patients Reported as Hospitalized with Confirmed COVID-19 by Date



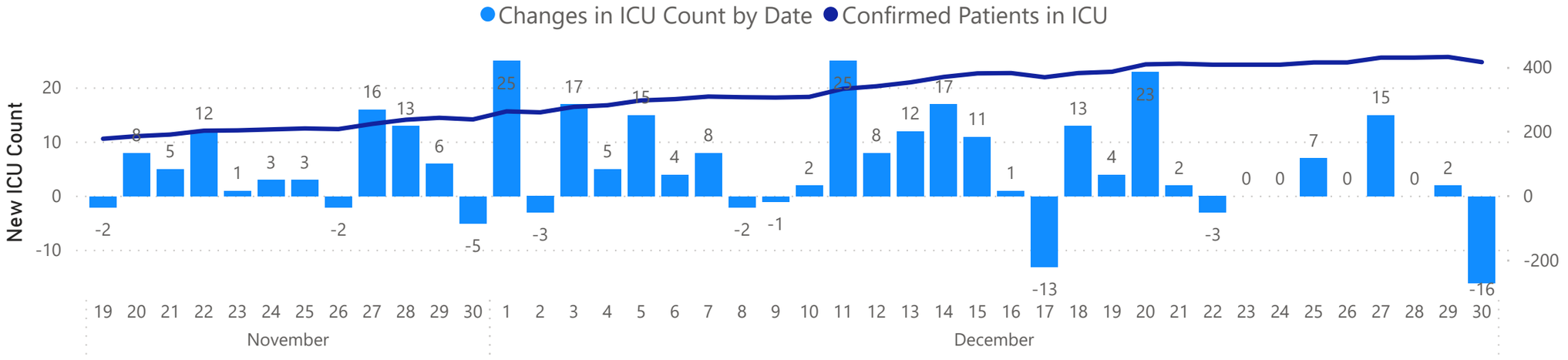
Confirmed COVID-19 Cases Currently Hospitalized

2,271

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 12/30/2020. For purposes of this reporting, "confirmed" are cases with a PCR test. Hospitalization data includes alternate care sites beginning on 12/06/2020.

Daily and Cumulative COVID-19 ICU and Intubations

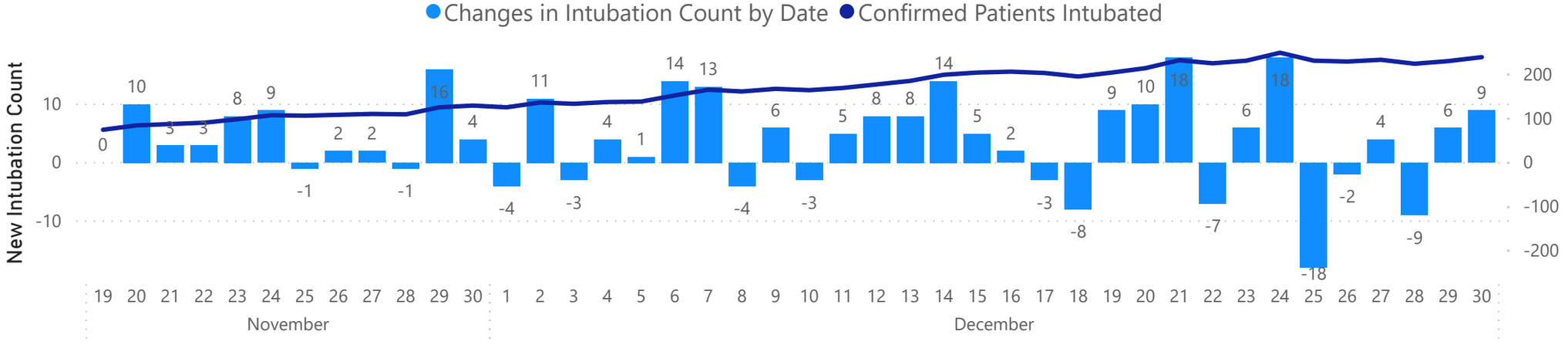
Patients Reported in ICU with COVID-19 by Date



Count of Cases Currently in ICU

417

Patients Reported as Intubated with COVID-19 by Date



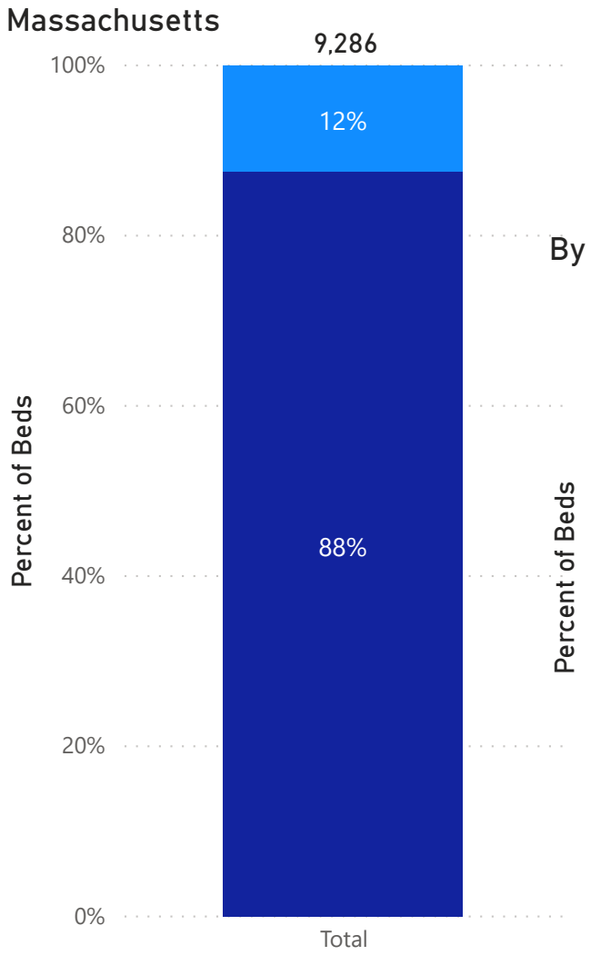
Count of Cases Currently Intubated

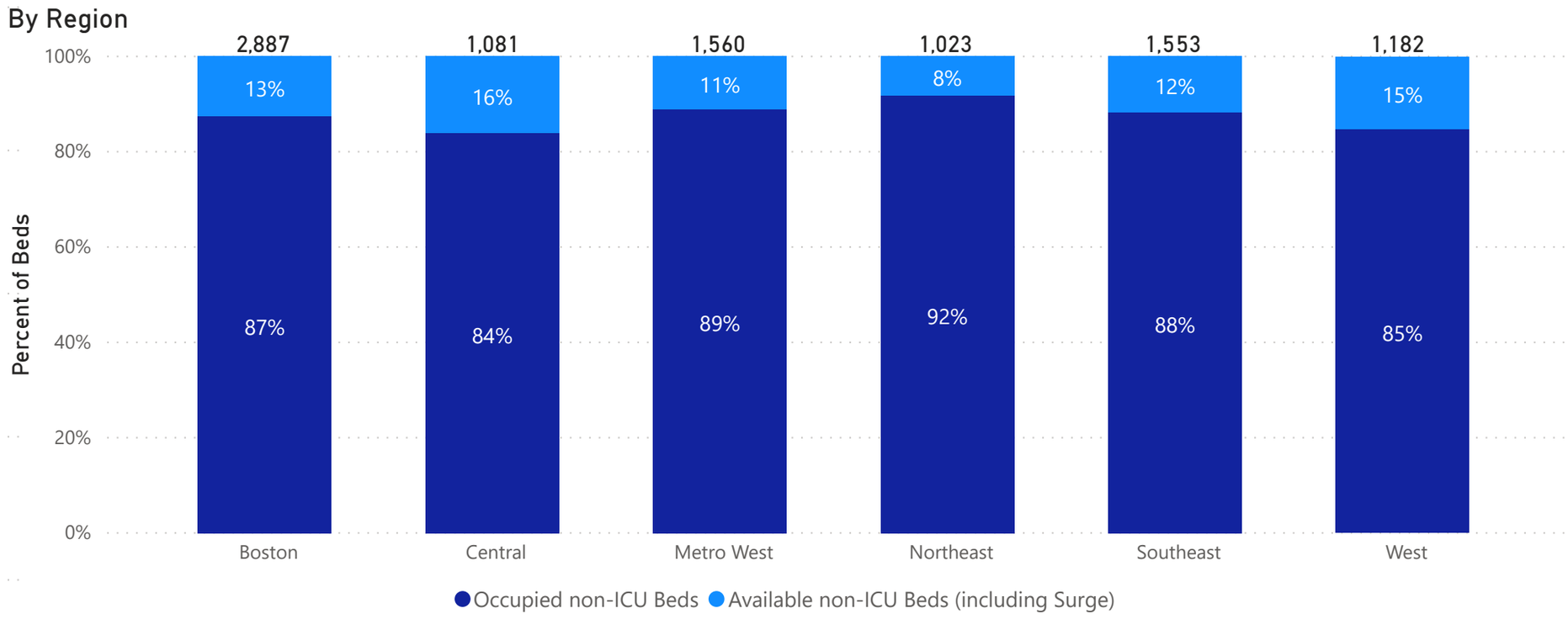
240

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 12/30/2020.

Total Hospital Capacity by Region (Non-ICU)

Data collected as of 12/30/2020 3:00pm

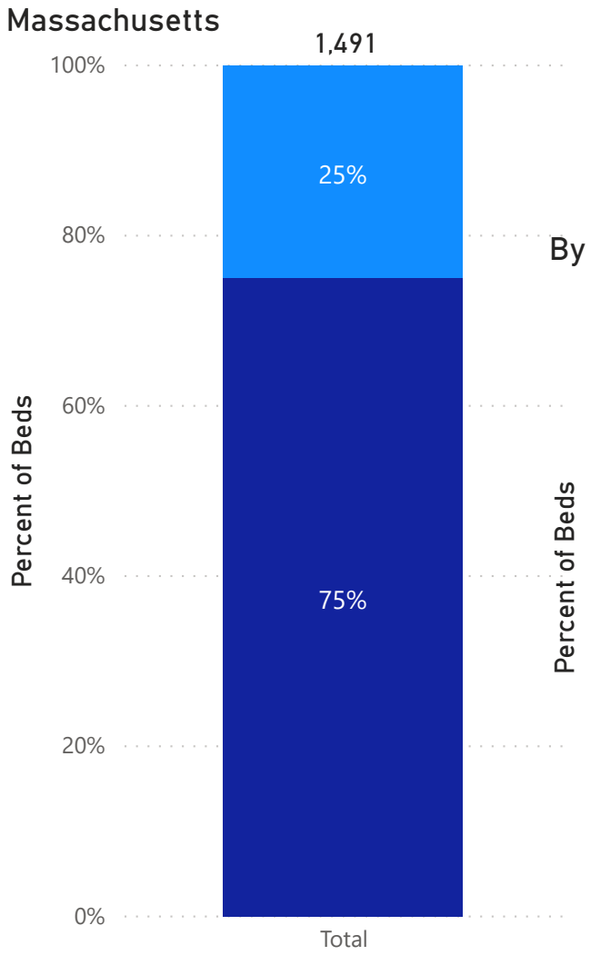


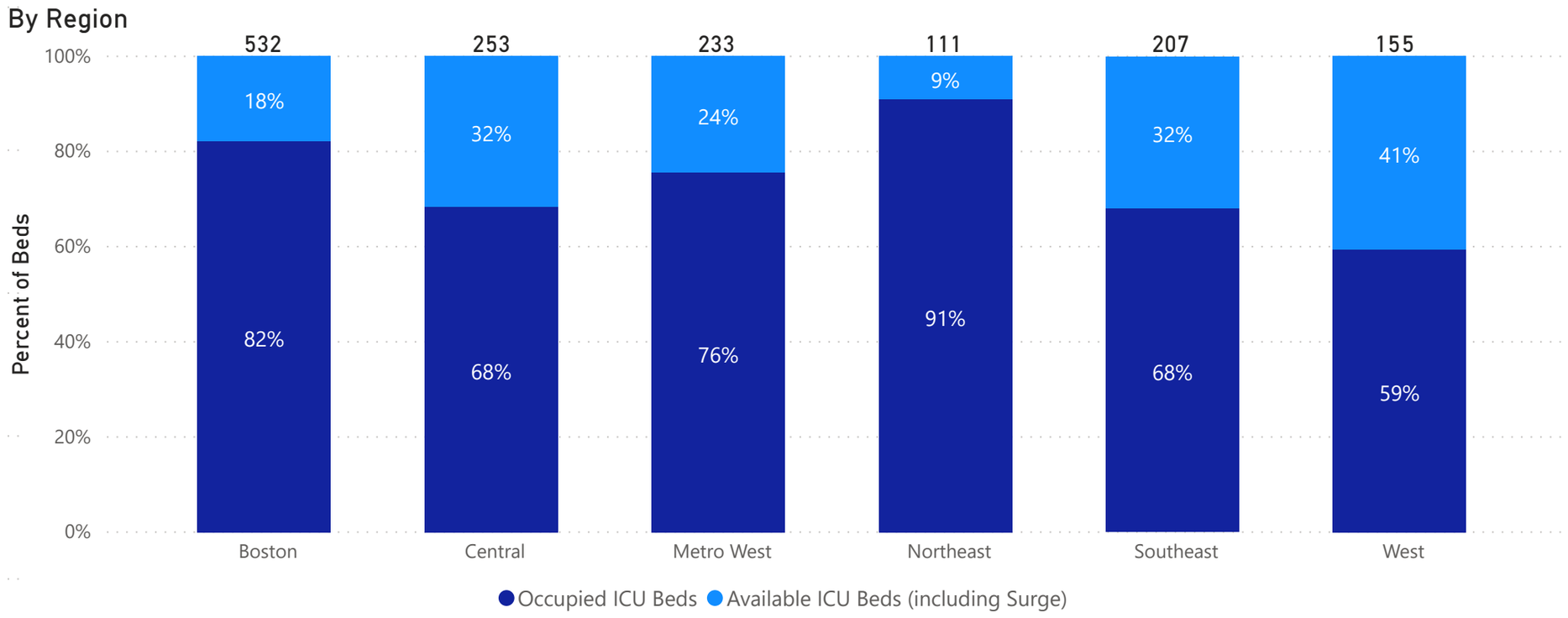


Previously these graphs were based on rounded bed counts. As of 12/11/2020, they display the bed counts as reported. Occupancy/ availability as reported by hospitals to DPH.
Regions shown represent EOHHS Regions. Note that total bed estimates may change day-to-day due to hospitals updating surge planning. 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.

Total Hospital Capacity by Region (ICU)

Data collected as of 12/30/2020 3:00pm





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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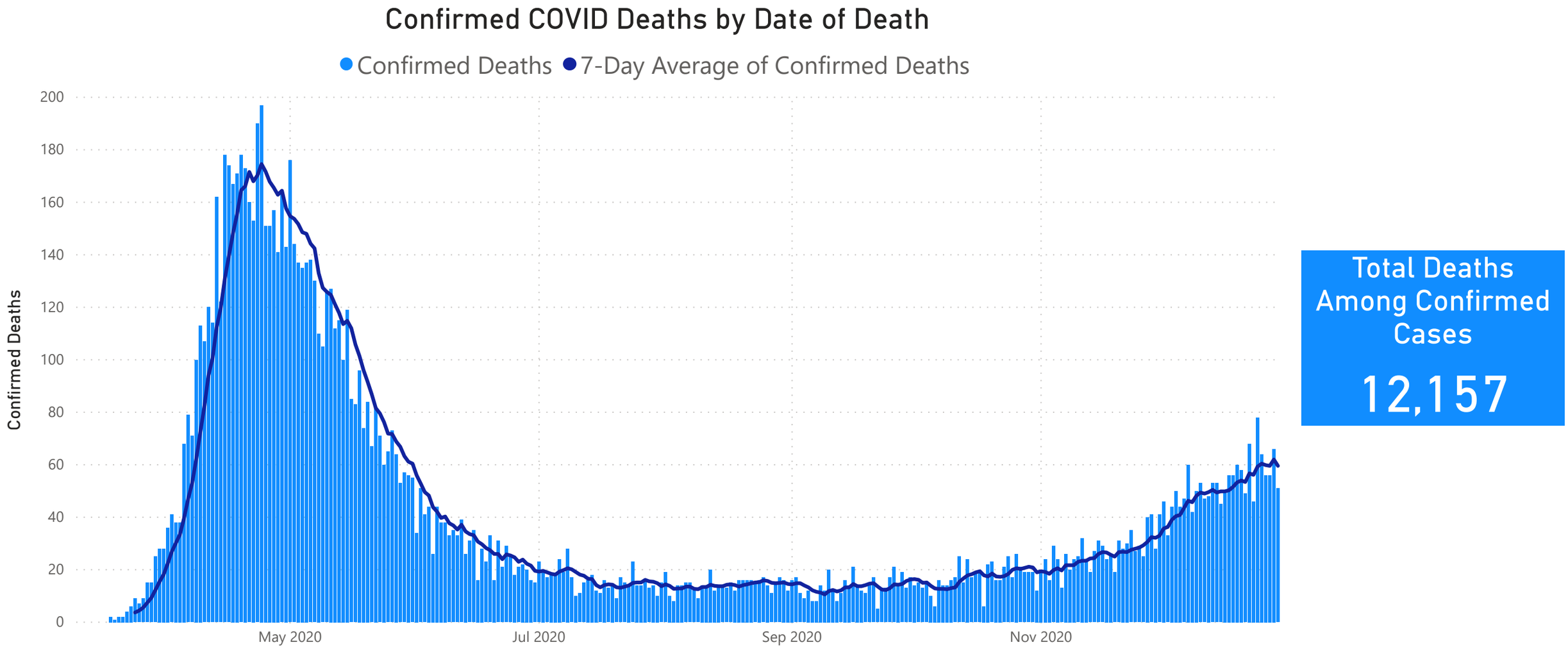
Daily Confirmed Deaths (Since March)

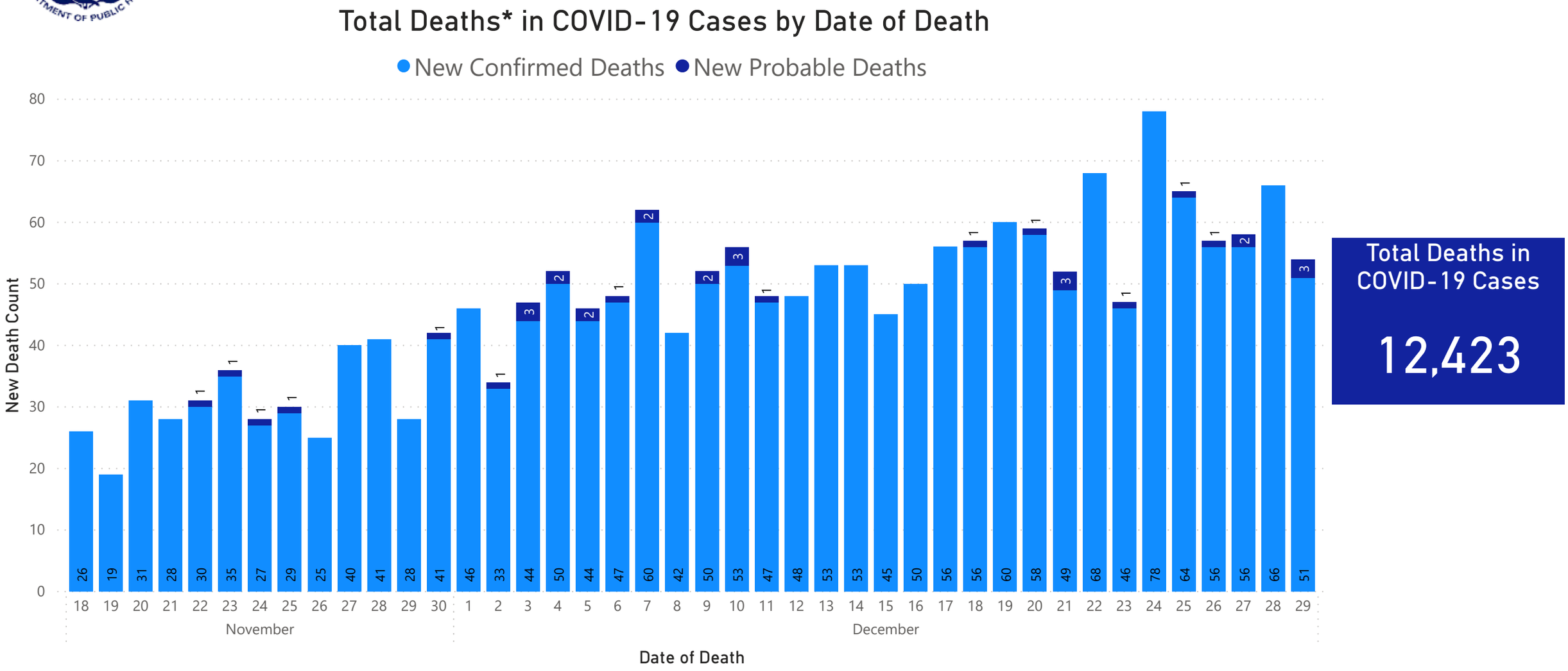


Total Deaths Among Confirmed Cases

12,157

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 12/30/2020.

Daily and Cumulative Deaths



Total Deaths in COVID-19 Cases

12,423

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 12/30/2020; *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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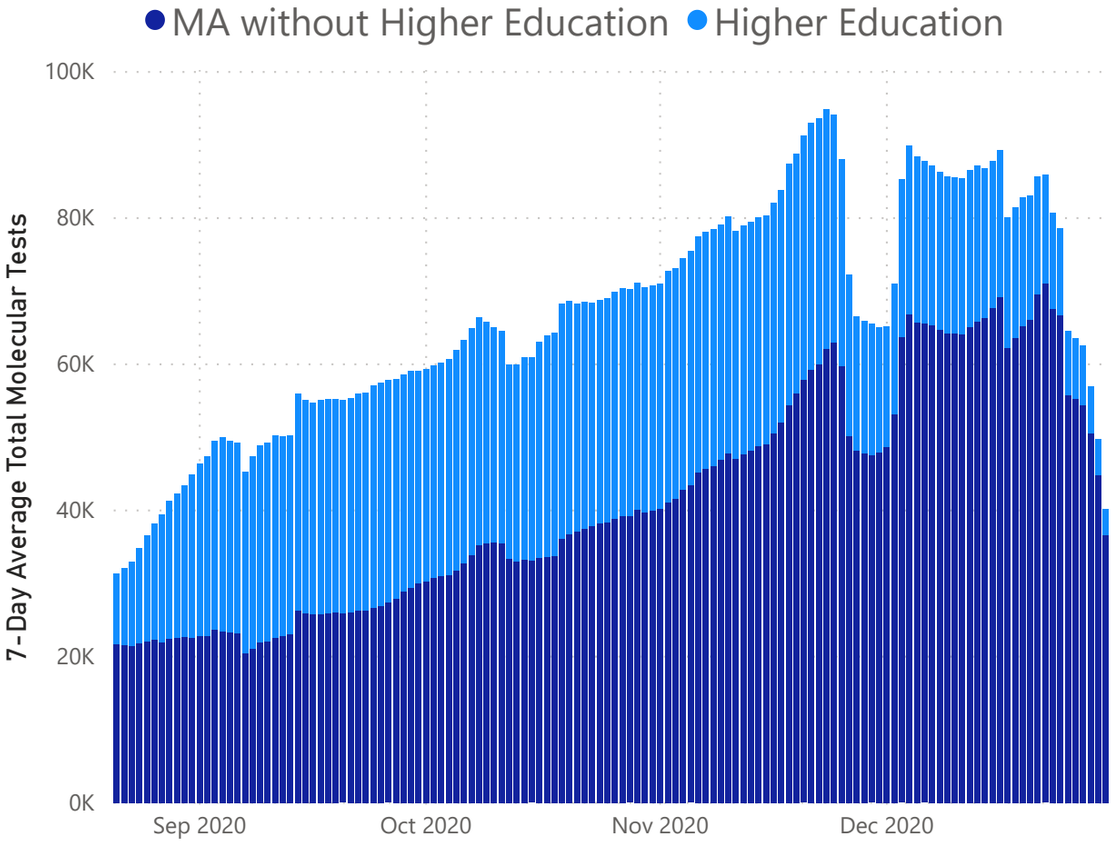
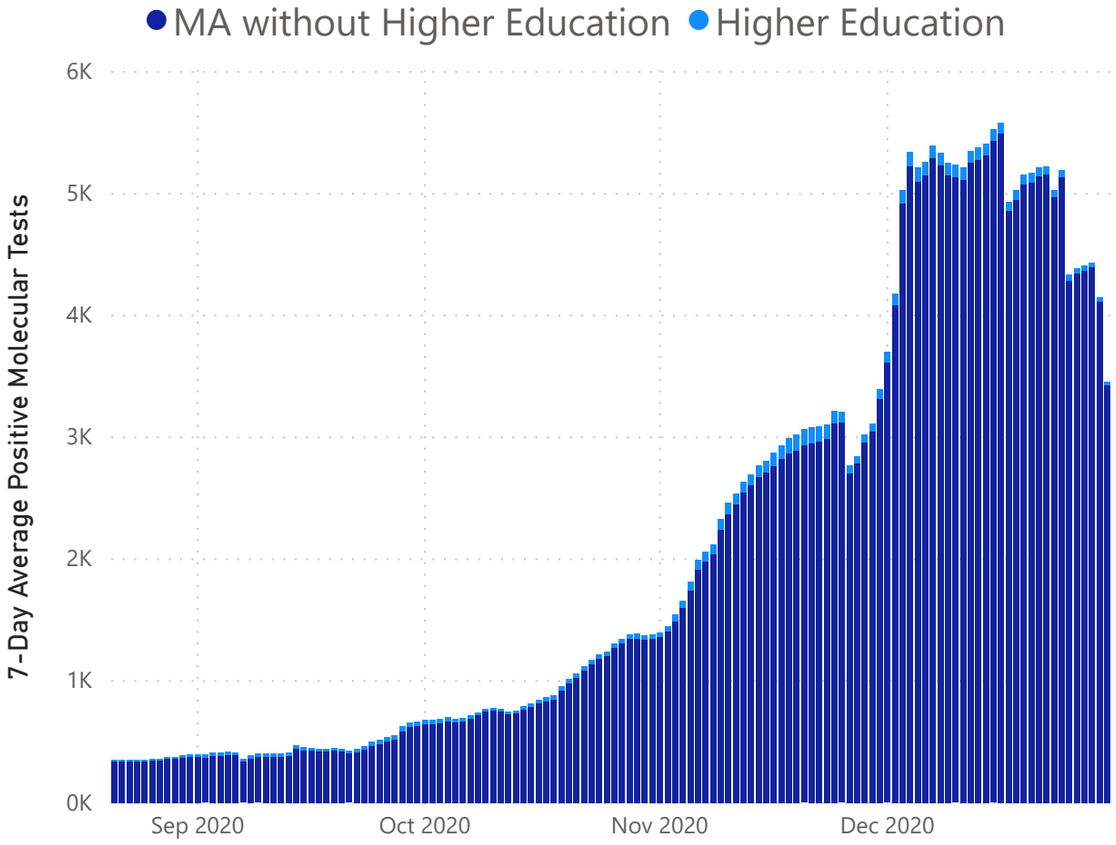
All Molecular COVID-19 Tests Associated with Higher Education Testing

7-Day Average Total Molecular Tests by Date



7-Day Average Total Positive Molecular Tests by Date



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 12/30/2020. 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.

COVID-19 Cases in Long-Term Care (LTC) Facilities

Residents/Healthcare Workers of Long-Term Care Facilities with Probable or Confirmed COVID-19	Long-Term Care Facilities Reporting At Least One Probable or Confirmed Case of COVID-19	Probable or Confirmed COVID-19 Deaths Reported in Long-Term Care Facilities
30,756	416	7,371

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 12/30/2020. Data includes nursing homes, skilled nursing facilities, and rest homes.