



Dashboard of Public Health Indicators

Newly Reported
Confirmed Cases
Today
143

Total Confirmed
Cases
125,866

Newly Reported
Deaths among
Confirmed Today
11

Total Deaths
among Confirmed
Cases
9,118

New Individuals
Tested by
Molecular Tests
9,135

Total Individuals
Tested by
Molecular Tests
2,105,178

Total Molecular
Tests
Administered
3,476,679

Legend

- Positive trend
- In progress
- Negative trend

Below is the current status:

Measure	Status
COVID-19 positive test rate	●
Number of individuals who died from COVID-19	●
Number of patients with COVID-19 in hospitals	●
Healthcare system readiness	●
Testing capacity	●
Contact tracing capabilities	●

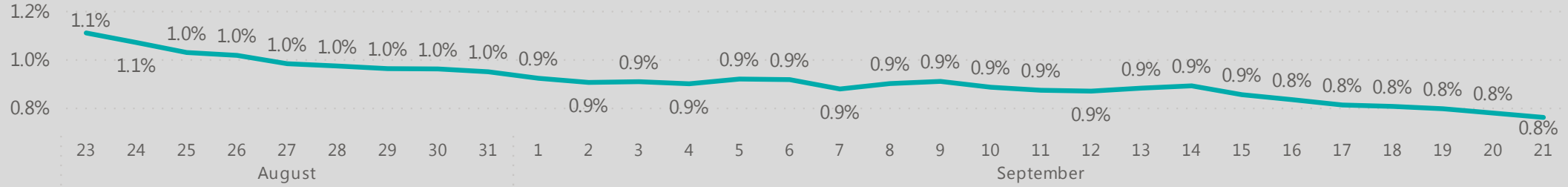


Massachusetts Department of Public Health COVID-19 Dashboard- Dashboard of Public Health Indicators

Tuesday, September 22, 2020

Percent or Count of Change Since
Lowest Observed Value (LOV)

7 Day Weighted
Average of Positive
Molecular Test Rate*



0 %

LOV = 0.8%

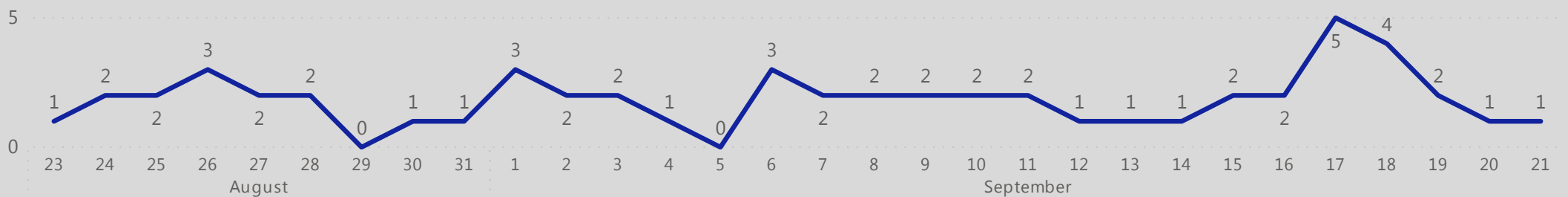
3 Day Average of
Number of COVID-19
Patients in
Hospital**



21 %

LOV = 302

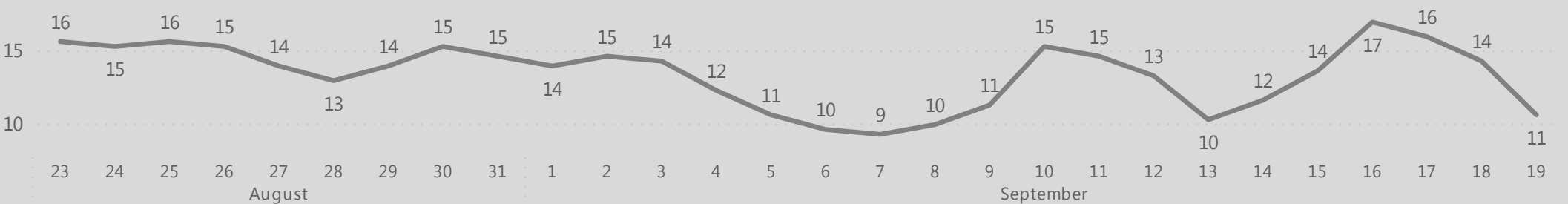
Number of
Hospitals using
Surge Capacity



1

LOV = 0

3 Day Average of
COVID-19
Deaths***



14 %

LOV = 9

*Calculated from total molecular tests; **Includes both confirmed and suspected cases of COVID-19; ***Includes deaths in only confirmed cases of COVID-19

Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data previously reported. As of 9/8/20, patients on an observation stay with confirmed or suspected COVID are included in total COVID hospitalization figures in addition to patients who are admitted. This update will create consistency in reporting and provide a more complete picture of total COVID hospitalizations. Most hospitals were already including observation status patients in their reporting, so this update is not expected to have a significant impact on daily trends. LOV = Lowest observed value, i.e. the lowest value the public health indicator has been since tracking started.



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Glossary of Terms

Please Note: the following terms and definitions apply to COVID-19 only.

COVID-19 Molecular Test: Also known as a PCR test. This diagnostic test identifies the presence of virus's genetic material. These tests are very accurate and a positive result means someone has current or very recent infection.

COVID-19 Antigen Test: This test identifies the presence of proteins on the surface of the virus. These diagnostic tests are somewhat less accurate (i.e., low sensitivity) than molecular tests but a positive result is suggestive of current infection.

COVID-19 Antibody Test: Also known as a serology test. This test identifies antibodies; antibodies are the proteins produced by the immune system to fight off an infection. Because antibodies take days to weeks to make after infection, a positive result indicates infection at some point in the past. It is not a diagnostic test.

Testing by Date: This refers to the date the sample (usually nasal swab or blood) was taken. Most reports and figures in this dashboard use this date.

Total Tests: This represents the total number of tests done and includes people who have had multiple tests.

Persons Tested: This represents the total number of persons who had at least one test done. If a person had more than one test, they are still counted only once.

Case Definition: A standard set of criteria (including symptoms, laboratory tests and exposure) used to count persons who may have COVID-19. Case definitions tell public health professionals which people with disease to count; they don't tell healthcare providers how to diagnose or treat COVID.

Confirmed Case: A person is counted as a confirmed case of COVID-19 if they have a positive molecular test.

Probable Case: A person is counted as a probable case in three ways:

1. if they have a positive antigen test;
2. if they have COVID symptoms AND were exposed to someone with COVID;
3. if they died and their death certificate lists COVID as a cause of death.

More complete information about the COVID-19 case definition may be found here: https://cdn.ymaws.com/www.cste.org/resource/resmgr/ps/positionstatement2020/Interim-20-ID-02_COVID-19.pdf

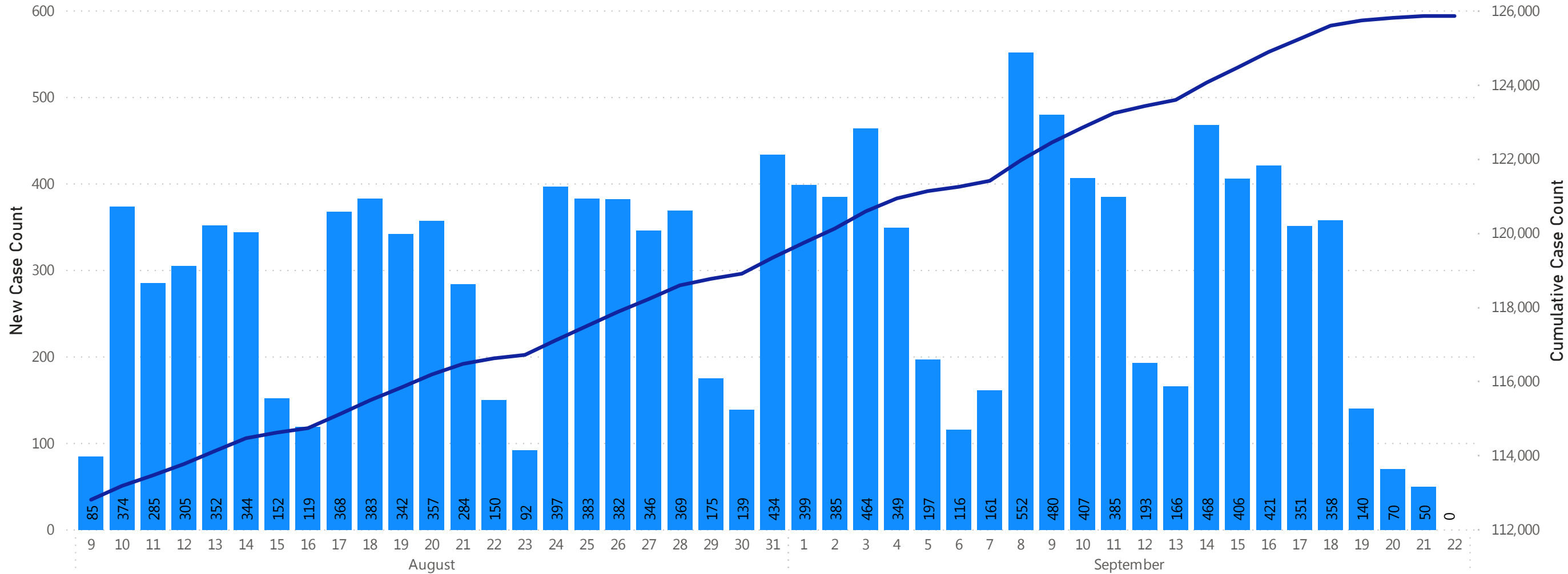
Suspected Hospitalized Cases: Patients without a laboratory confirmed COVID-19 diagnosis but who, as determined by the hospital, have signs and symptoms compatible with COVID-19 (most patients with confirmed COVID-19 have developed fever and/or symptoms of acute respiratory illness, such as cough, shortness of breath, or myalgia/fatigue).



Daily and Cumulative Confirmed Cases

Confirmed COVID-19 Cases To Date by Date Individual Tested

● New Confirmed Cases ● Cumulative Confirmed Cases



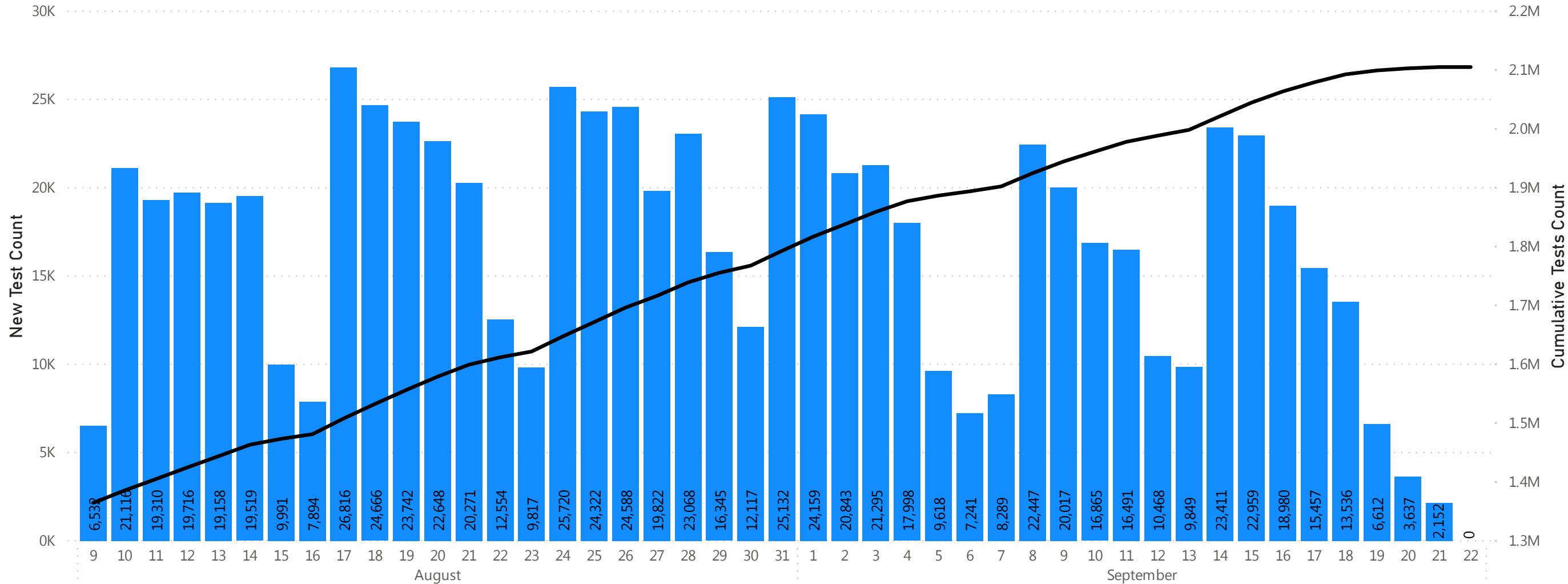
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 8:00am on the date at the top of the page; Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.



Testing by Date - Molecular (Individuals)

Total Number of Individuals with at Least One Molecular Test Performed by Date

● New Individuals Tested by Molecular Method ● Cumulative Individuals Tested by Molecular Method

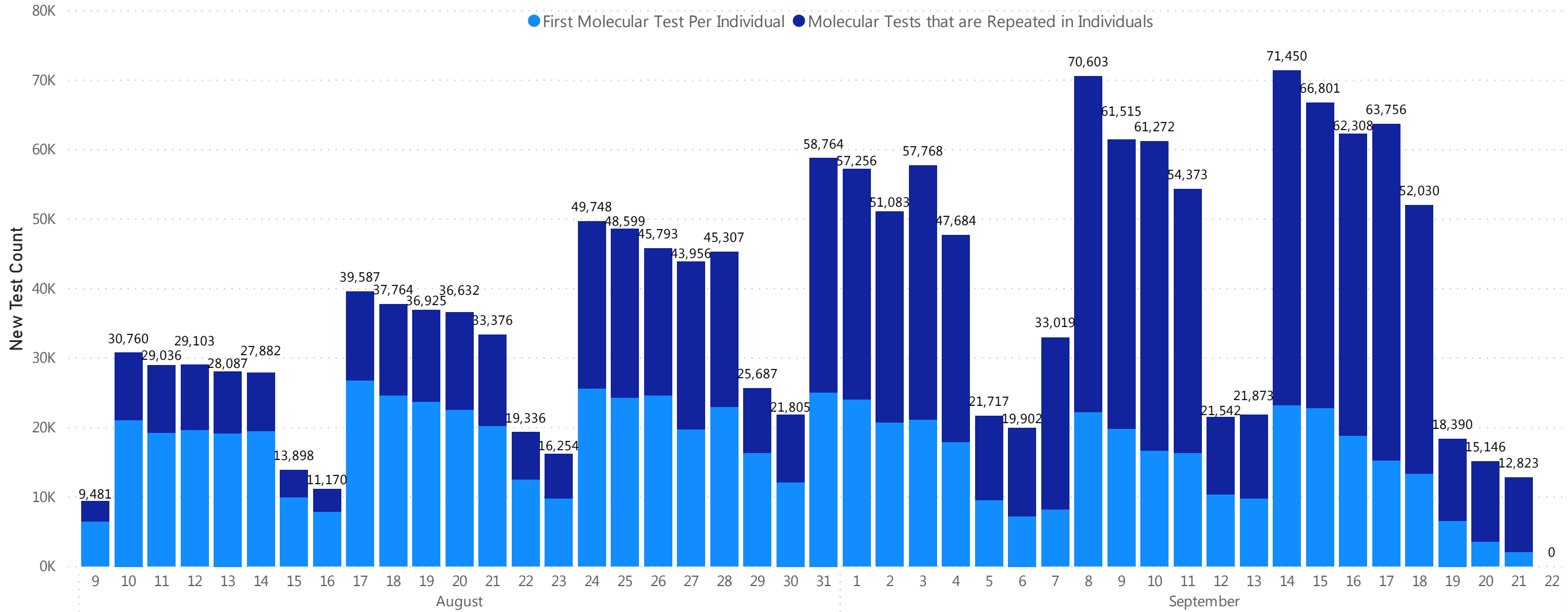


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 8:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Testing by Date - Molecular (Individual) counts the number of individuals with at least one molecular test; Testing by Date - Molecular (Total Tests Conducted) counts the total number of molecular tests performed. This includes individuals who have had more than one molecular test.



Testing by Date - Molecular (Total Tests Conducted)

Total Number of Molecular Tests Performed by Date



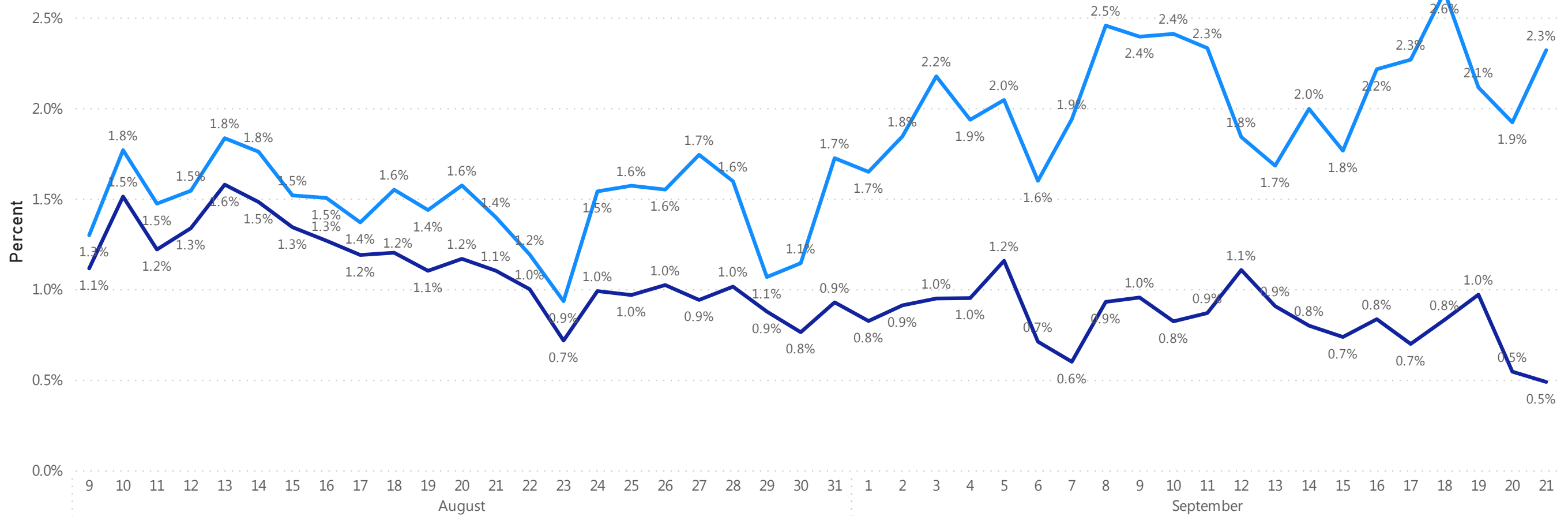
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 8:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Testing by Date - Molecular (Individual) counts the number of individuals with at least one molecular test; Testing by Date - Molecular (Total Tests Conducted) counts the total number of molecular tests performed. This includes individuals who have had more than one molecular test.



Testing by Date - Molecular (Percent Positive)

Percent of Tests By Molecular Method that are Positive by Test Date

● Percent of Tested Individuals who are Positive ● Percent of All Molecular Tests that are Positive



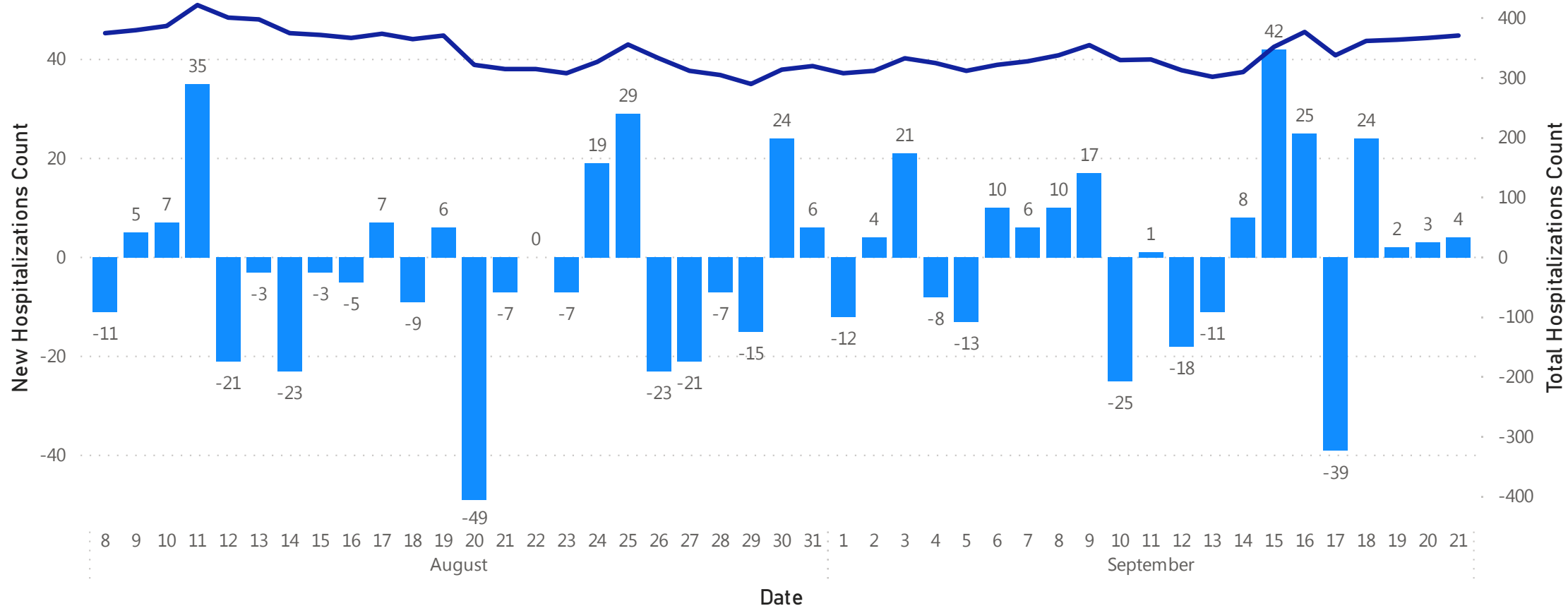
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 8:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete; this graph is lagged by one day as a result. Percent of Tested Individuals who are Positive counts the number of individuals with at least one molecular test; Percent of all Molecular Tests that are Positive counts the total number of molecular tests performed. This includes individuals who have had more than one molecular test.



Daily and Cumulative COVID-19 Hospitalizations

Patients Reported as Hospitalized with COVID-19 by Date

● New Hospitalizations by Date ● Number of Hospitalized COVID-19 Patients by Date



**COVID-19 Cases
Currently
Hospitalized**
371

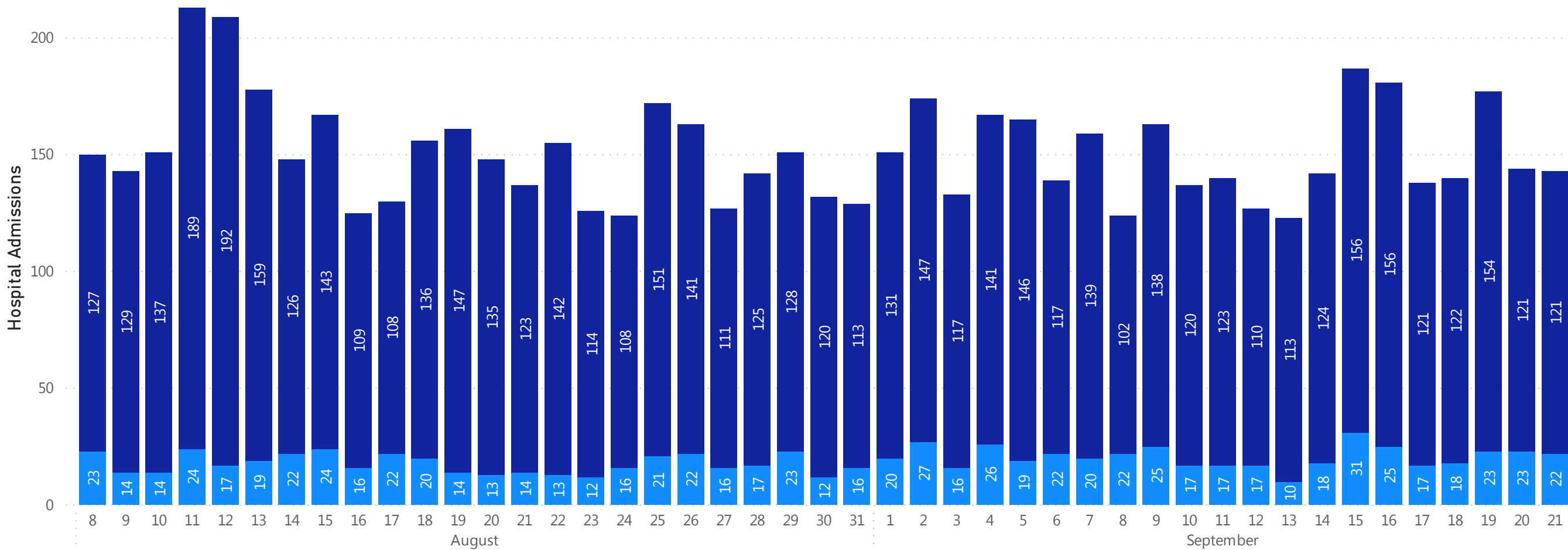
Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
 Notes: data are current as of 12:00pm on the date at the top of the page. These data include both confirmed and suspected COVID-19 cases. For purposes of this reporting, "confirmed" are cases with a PCR test. "Suspected" are those with symptoms who have not had a test result yet. Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. As of 9/8/20, patients on an observation stay with confirmed or suspected COVID are included in total COVID hospitalization figures in addition to patients who are admitted. This update will create consistency in reporting and provide a more complete picture of total COVID hospitalizations. Most hospitals were already including observation status patients in their reporting, so this update is not expected to have a significant impact on daily trends.



New Daily COVID-19 Hospital Admissions

Confirmed and Suspected COVID-19 Hospital Admissions by Day

● Confirmed COVID-19 Hospital Admissions ● Suspected COVID-19 Hospital Admissions

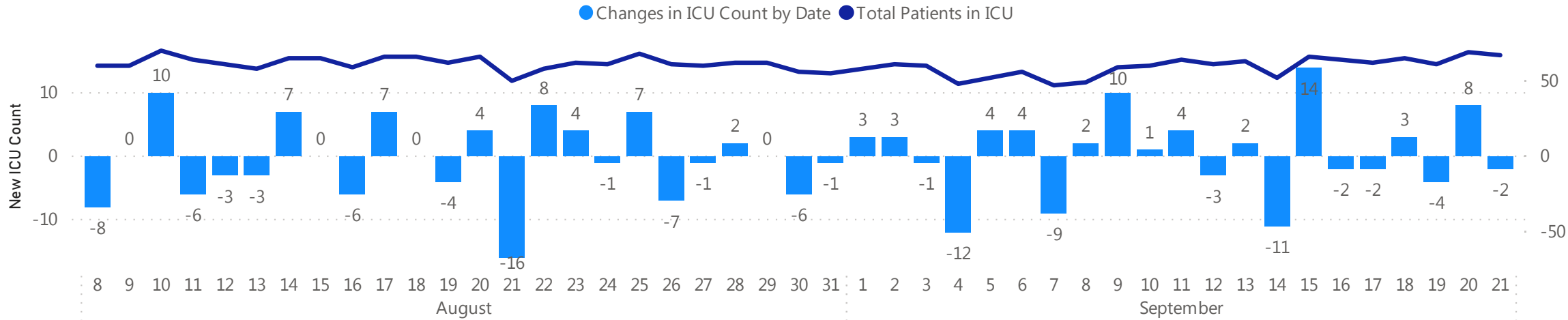


Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
 Notes: data are current as of 12:00pm on the date at the top of the page. For purposes of this reporting, "confirmed" are cases with a PCR test. "Suspected" are those with symptoms who have not had a test result yet. Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. ¹⁰



Daily and Cumulative COVID-19 ICU and Intubations

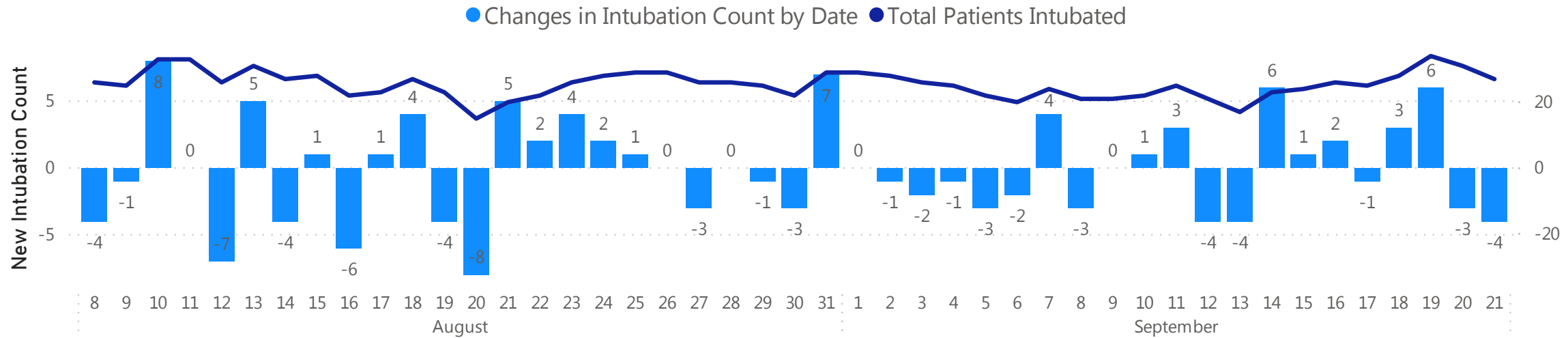
Patients Reported in ICU with COVID-19 by Date



Count of Cases Currently in ICU

67

Patients Reported as Intubated with COVID-19 by Date



Count of Cases Currently Intubated

27

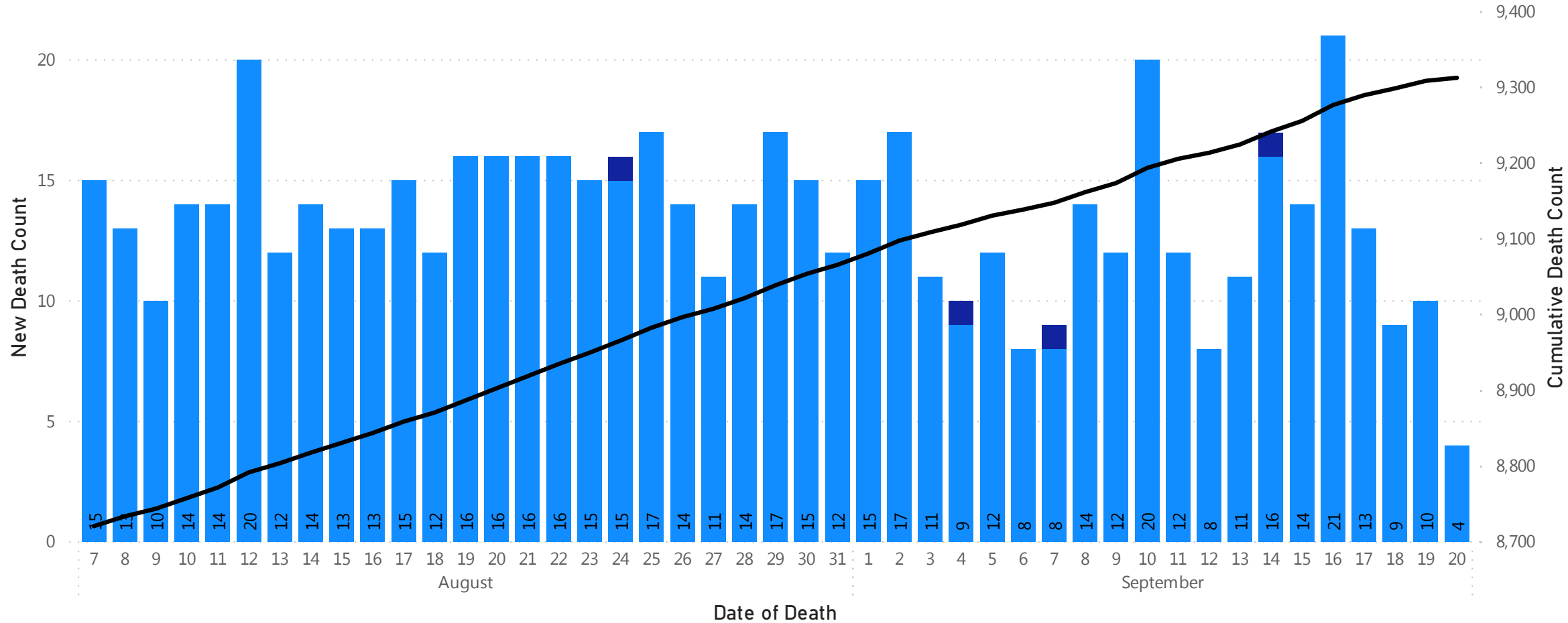
Data Sources: COVID-19 Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.
 Notes: data are current as of 12:00pm on the date at the top of the page. Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously.



Daily and Cumulative Deaths

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

● New Confirmed Deaths ● New Probable Deaths ● Total Deaths



Total Deaths in COVID-19 Cases
9,328

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 8:00am on the date at the top of the page; *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 on p. 4.



Daily and Cumulative County Data

County	New Confirmed Cases Reported Today	Cumulative Confirmed Cases To Date
Barnstable	1	1,714
Berkshire	2	704
Bristol	15	9,826
Dukes	0	62
Essex	34	19,120
Franklin	1	404
Hampden	14	8,025
Hampshire	0	1,205
Middlesex	36	26,820
Nantucket	0	88
Norfolk	15	10,080
Plymouth	11	9,551
Suffolk	24	23,822
Unknown	0	326
Worcester	5	14,119
Total	158	125,866

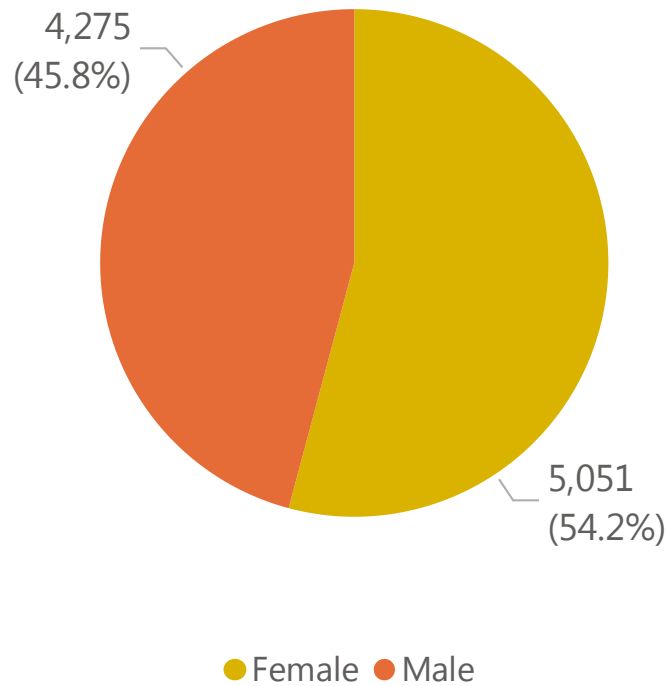
County	New Confirmed and Probable Deaths Reported Today	Cumulative Confirmed and Probable Deaths To Date
Barnstable	1	173
Berkshire	0	49
Bristol	1	686
Dukes and Nantucket	0	1
Essex	2	1,271
Franklin	0	67
Hampden	1	773
Hampshire	0	141
Middlesex	4	2,127
Norfolk	0	1,048
Plymouth	1	762
Suffolk	0	1,131
Unknown	0	5
Worcester	1	1,094
Total	11	9,328

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 8:00am on the date at the top of the page. Includes both probable and confirmed cases. For confirmed and probable case definitions, please see the Glossary on p. 4.

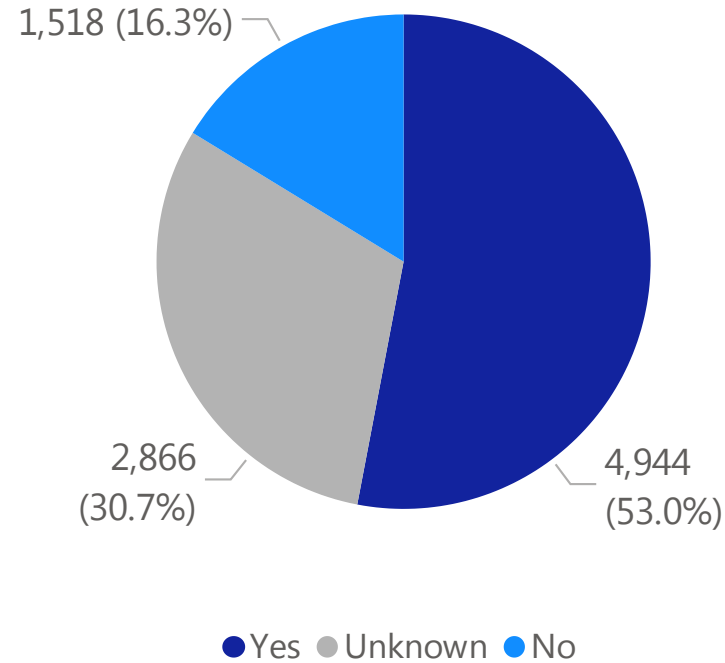


Deaths by Sex, Previous Hospitalization, & Underlying Conditions

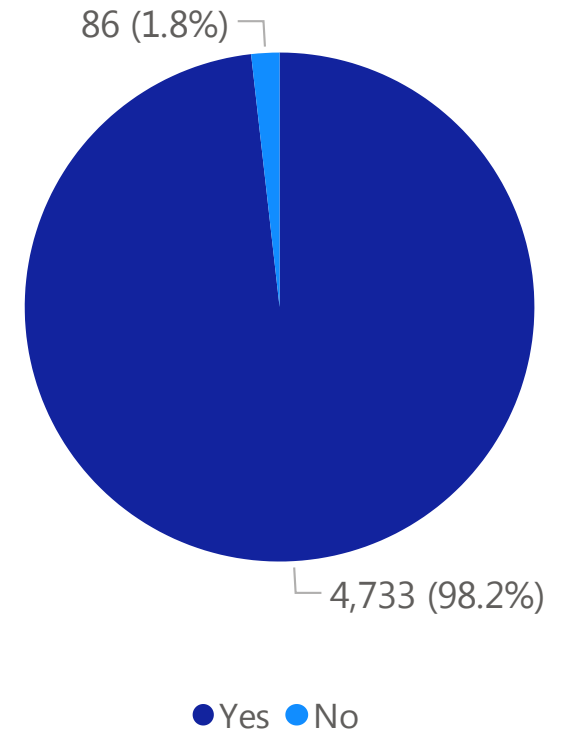
Total Deaths by Sex+



Total Deaths with a Previous Hospitalization*



Total Deaths** with Underlying Conditions



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Demographic data on hospitalized patients collected retrospectively; analysis does not include all hospitalized patients and may not add up to data totals from hospital survey; Tables and Figures created by the Office of Population Health.
Note: all data are cumulative and current as of 8:00am on the date at the top of the page; *Hospitalized at any point in time, not necessarily the current status; **Only includes data from deaths following completed investigation, figures are updates as additional investigations are completed; + Excludes unknown values. Includes both probable and confirmed cases.



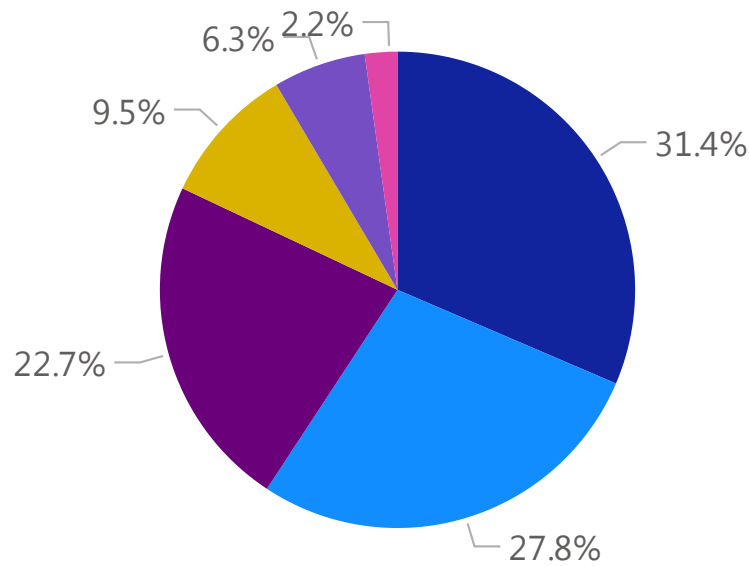
Cases, Hospitalizations, & Deaths by Race/Ethnicity

The following caveats apply to these data:

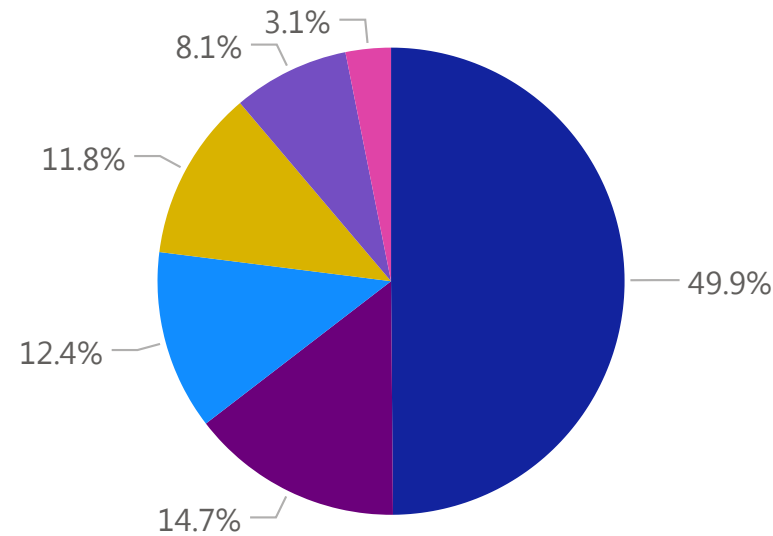
1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case. 2. If no information is provided by any reporter on a case's race or ethnicity, DPH classifies it as missing. 3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information. 4. Other indicates multiple races or that the originating system does not capture the information.

Note: COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Department of Public Health is working with these organizations to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling so the Commonwealth can respond more effectively. On 4/8, the Commissioner of Public Health issued an Order related to collecting complete demographic information for all confirmed and suspected COVID-19 patients.

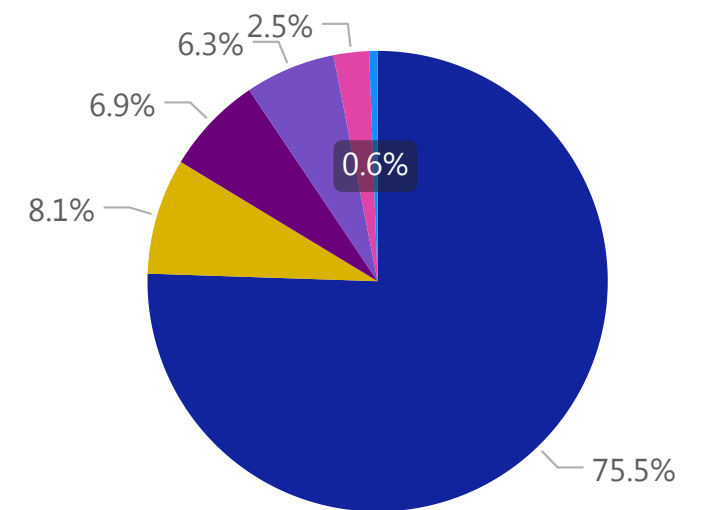
Total Cases, n= 127,969



Total Cases Reported as Hospitalized*, n= 12,571



Total Deaths, n= 9,328



● Asian Non-Hispanic ● Black/African American Non-Hispanic ● Hispanic ● Other Non-Hispanic ● Unknown/Missing ● White Non-Hispanic

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 8:00am on the date at the top of the page; *Hospitalization refers to status at any point in time, not necessarily the current status of the patient/demographic data on hospitalized patients collected retrospectively; analysis does not include all hospitalized patients and may not add up to data totals from hospital surveys. Includes both probable and confirmed cases.



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

Residents/Healthcare Workers of
Long-Term Care Facilities with
Probable or Confirmed COVID-19

24,789

Long-Term Care Facilities
Reporting At Least One Probable
or Confirmed Case of COVID-19

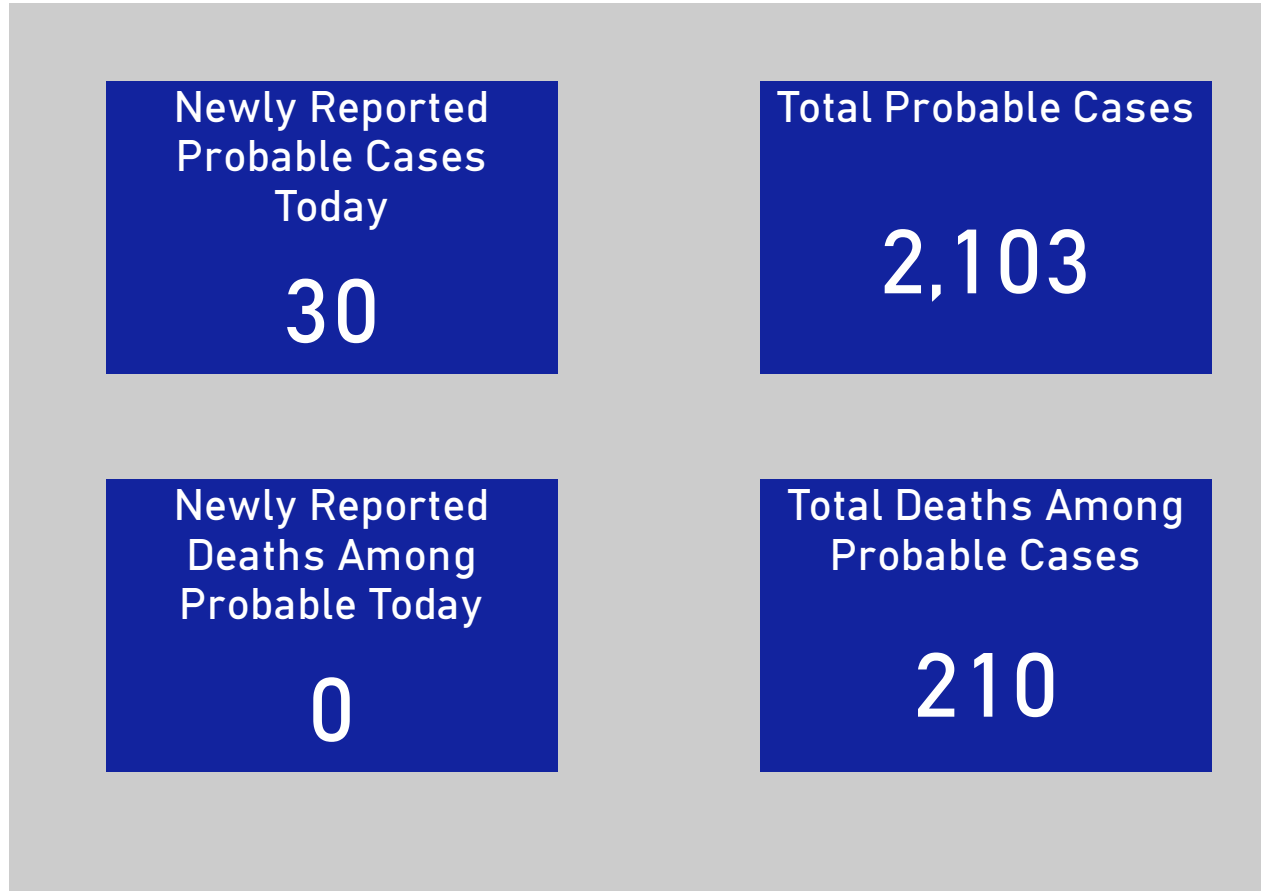
382

Probable or Confirmed COVID-19
Deaths Reported in Long-Term
Care Facilities

5,989



Probable Case Information





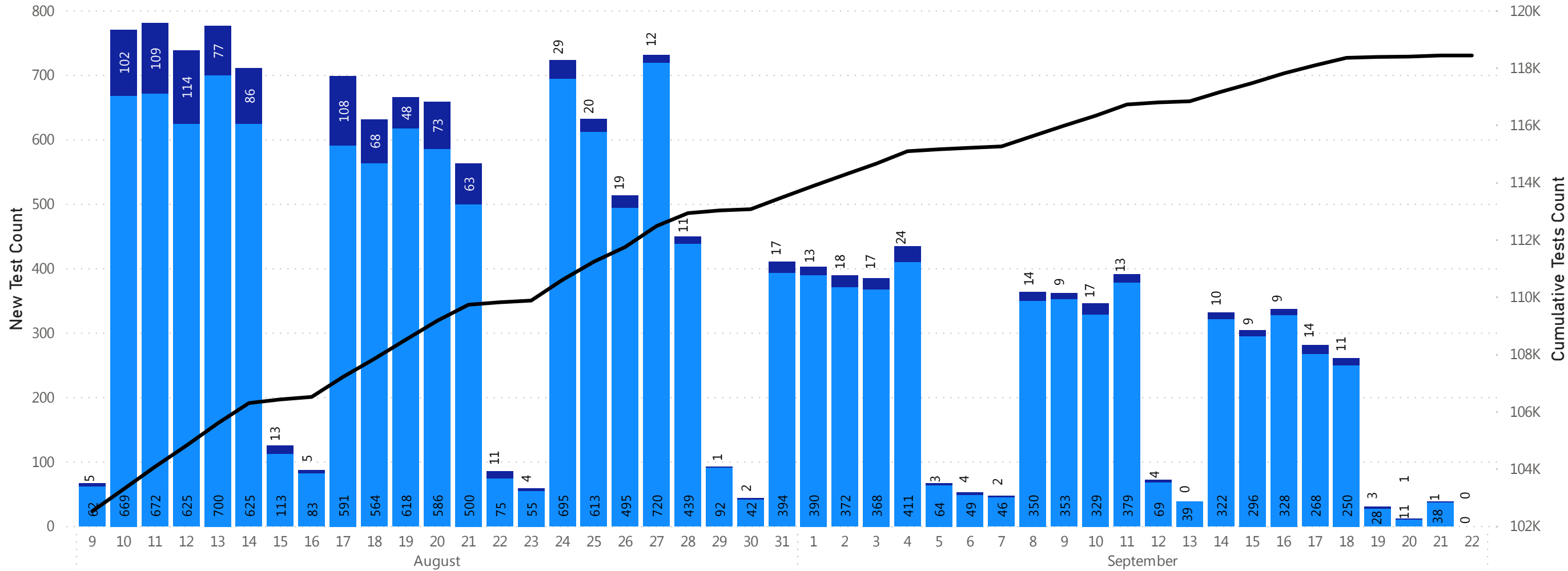
Testing by Date - Antibody

New Individuals Tested by Antibody Tests
83

Total Individuals Tested by Antibody Tests
118,447

Number of Individuals Tested by Antibody by Test Date

● Individuals with Negative Antibody Tests ● Individuals with Positive Antibody Tests ● Cumulative Patients Tested by Antibody Method



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 8:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Please note that some individuals have been tested by both molecular and antibody methods.



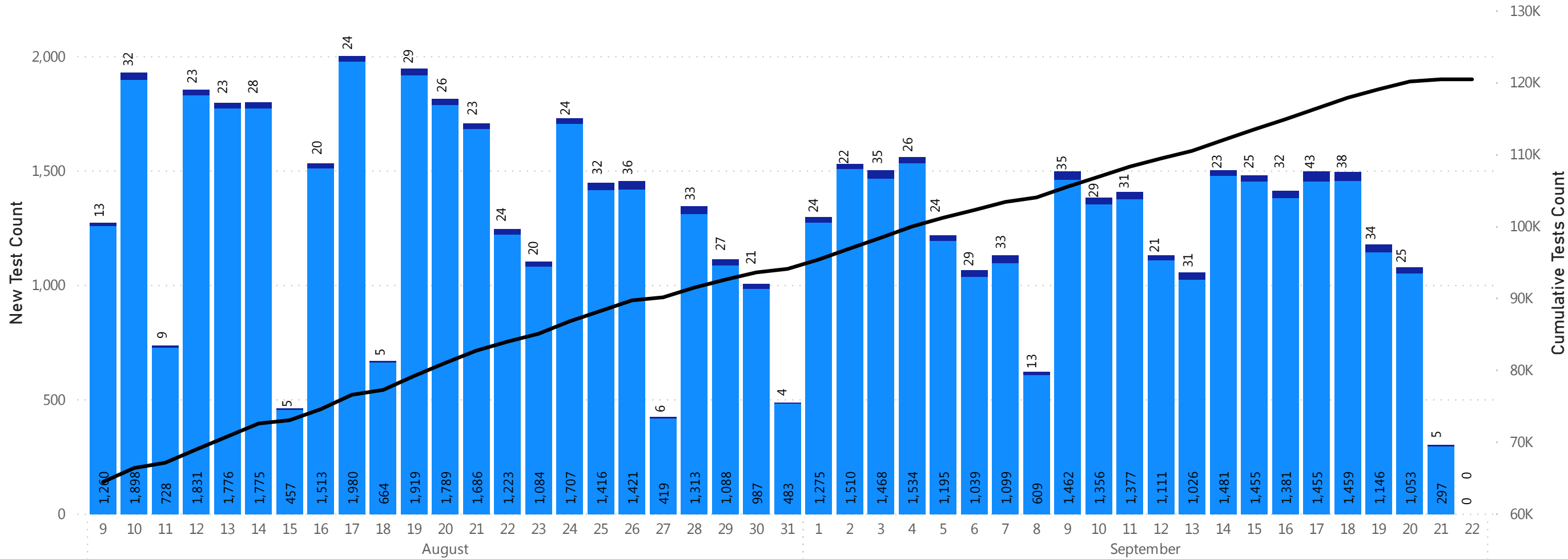
Testing by Date - Antigens

New Individuals Tested by Antigen Tests
1,401

Total Individuals Tested by Antigen Tests
120,496

Number of Individuals Tested by Antigens by Test Date

● Individuals with Negative Antigen Tests ● Individuals with Positive Antigen Tests ● Cumulative Patients Tested by Antigen Method



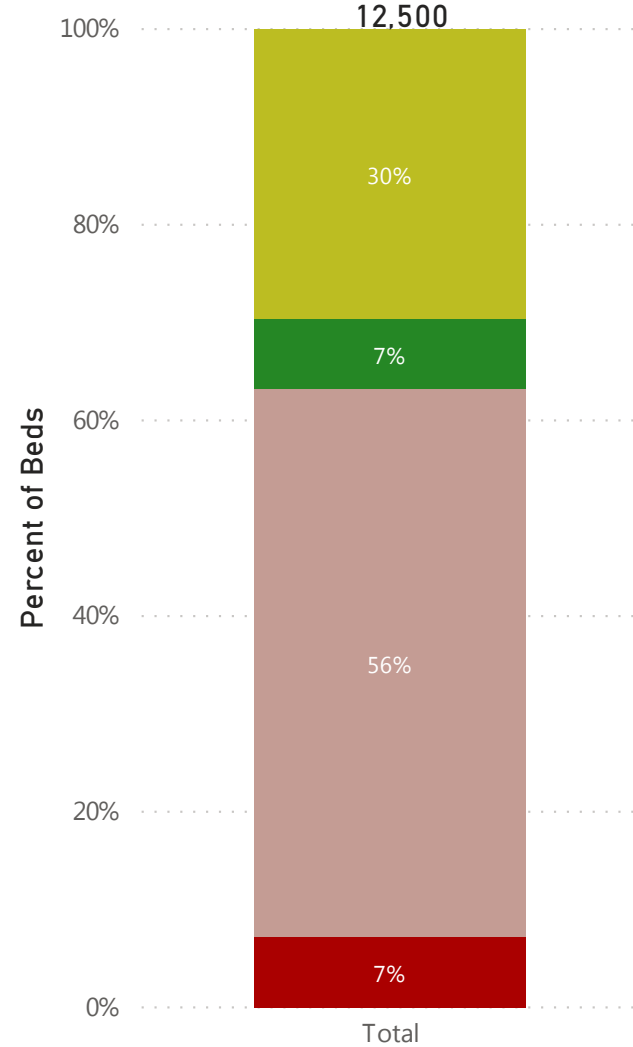
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 8:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete.



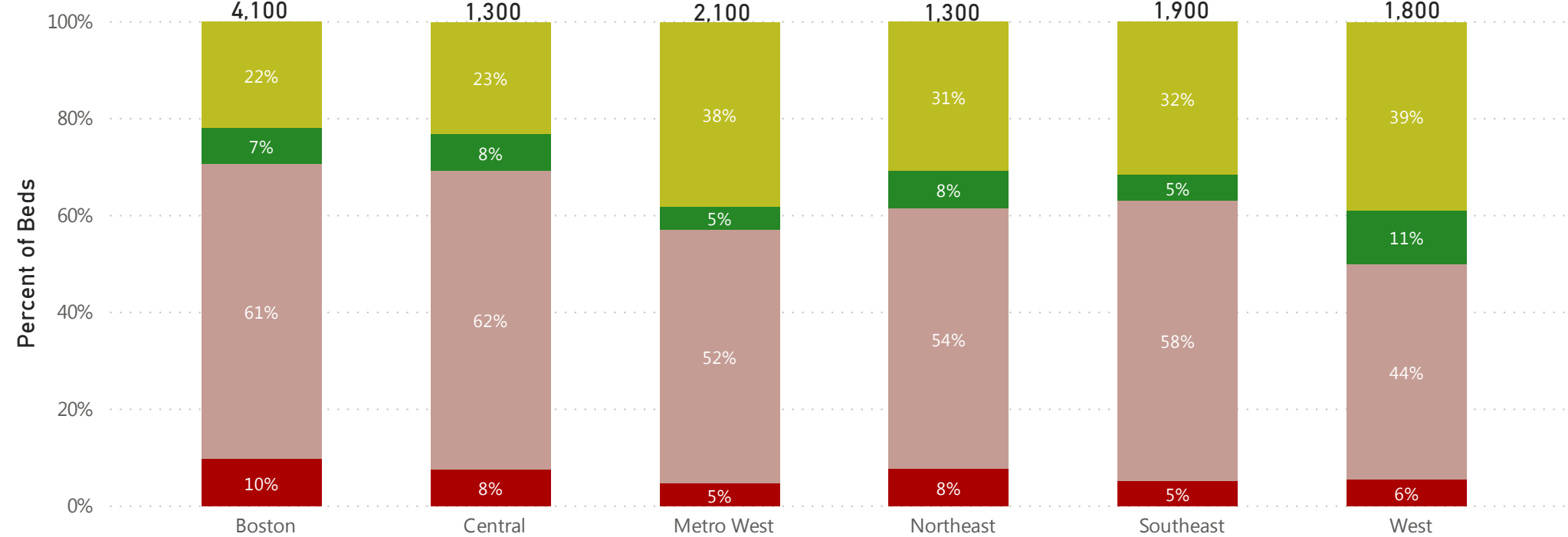
Total Hospital Capacity by Region

Data collected as of 9/21/2020 5:00pm

Massachusetts



By Region



- Available Alternate Medical Site Beds
- Available non-ICU Beds (including Surge)
- Available ICU Beds (including Surge)
- Occupied Alternate Medical Site Beds
- Occupied non-ICU Beds
- Occupied ICU Beds

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 June 16th, 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. Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. As of 9/8/20, all observation beds and observation status patients will be included in the Available Non-ICU Beds and Occupied Non-ICU Beds categories.



COVID Patient Census by Hospital (1/3)

Data collected as of 9/21/2020 5:00pm

Hospital Name	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Addison Gilbert Hospital	Essex	0	0
Anna Jaques Hospital	Essex	3	0
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	1	1
Baystate Medical Center	Hampden	24	2
Baystate Noble Hospital	Hampden	1	0
Baystate Wing Hospital	Hampden	2	0
Berkshire Medical Center	Berkshire	0	0
Beth Israel Deaconess Hospital - Milton	Norfolk	9	2
Beth Israel Deaconess Hospital - Needham	Norfolk	9	2
Beth Israel Deaconess Hospital - Plymouth	Plymouth	22	3
Beth Israel Deaconess Medical Center	Suffolk	15	2
Beverly Hospital	Essex	6	2
Boston Childrens Hospital*	Suffolk	8	2
Boston Medical Center	Suffolk	33	7
Brigham and Womens - Faulkner	Suffolk	10	1
Brigham and Womens Hospital	Suffolk	11	1
Brockton Hospital	Plymouth	7	0
Cambridge Hospital	Middlesex	7	5
Cape Cod Hospital	Barnstable	2	0
Carney Hospital	Suffolk	5	0
Clinton Hospital	Worcester	0	0
Cooley Dickinson Hospital	Hampshire	0	0

Occupancy/ availability as reported by hospitals to DPH; *Specialty hospital data may be delayed and patient composition may vary.

Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. As of 9/8/20, patients on an observation stay with confirmed or suspected COVID are included in total COVID hospitalization figures in addition to patients who are admitted. This update will create consistency in reporting and provide a more complete picture of total COVID hospitalizations. Most hospitals were already including observation status patients in their reporting, so this update is not expected to have a significant impact on daily trends.



COVID Patient Census by Hospital (2/3)

Data collected as of 9/21/2020 5:00pm

Hospital Name	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Dana Farber Cancer Institute*	Suffolk	0	0
Emerson Hospital	Middlesex	5	0
Fairview Hospital	Berkshire	0	0
Falmouth Hospital	Barnstable	1	0
Good Samaritan Medical Center	Plymouth	4	0
Harrington Hospital	Worcester	0	0
Health Alliance-Leominster	Worcester	1	0
Heywood Hospital	Worcester	0	0
Holy Family Hospital	Essex	1	0
Holyoke Hospital	Hampden	3	0
Lahey Hospital Burlington	Middlesex	12	3
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	5	1
Lowell General Hospital	Middlesex	16	3
Marlborough Hospital	Middlesex	3	0
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk	0	0
Massachusetts General Hospital	Suffolk	12	4
Melrose Wakefield Hospital	Middlesex	2	1
Mercy Medical Center	Hampden	5	1
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	13	6
MetroWest Medical Center Natick	Middlesex	0	0

Occupancy/ availability as reported by hospitals to DPH; *Specialty hospital data may be delayed and patient composition may vary.
 Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. As of 9/8/20, patients on an observation stay with confirmed or suspected COVID are included in total COVID hospitalization figures in addition to patients who are admitted. This update will create consistency in reporting and provide a more complete picture of total COVID hospitalizations. Most hospitals were already including observation status patients in their reporting, so this update is not expected to have a significant impact on daily trends.



COVID Patient Census by Hospital (3/3)

Data collected as of 9/21/2020 5:00pm

Hospital Name	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Milford Regional Medical Center	Worcester	3	1
Morton Hospital	Bristol	2	0
Mount Auburn Hospital	Middlesex	5	0
Nantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	1	0
Newton-Wellesley Hospital	Middlesex	8	0
North Shore Medical Center Salem	Essex	7	0
Norwood Hospital	Norfolk	0	0
Saint Vincent Hospital	Worcester	4	1
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	17	3
Southcoast Charlton Memorial Hospital	Bristol	13	4
St Annes Hospital	Bristol	1	0
St Elizabeths Medical Center	Suffolk	1	0
St Lukes Hospital	Bristol	8	1
Sturdy Memorial Hospital	Bristol	11	1
Tobey Hospital	Plymouth	2	0
Tufts Medical Center	Suffolk	6	2
UMass Memorial-Memorial Campus	Worcester	14	4
UMass Memorial-University Campus	Worcester	4	1
Winchester Hospital	Middlesex	6	0

Occupancy/ availability as reported by hospitals to DPH; *Specialty hospital data may be delayed and patient composition may vary.

Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously. As of 9/8/20, patients on an observation stay with confirmed or suspected COVID are included in total COVID hospitalization figures in addition to patients who are admitted. This update will create consistency in reporting and provide a more complete picture of total COVID hospitalizations. Most hospitals were already including observation status patients in their reporting, so this update is not expected to have a significant impact on daily trends.



Department of Corrections Data

Department of Corrections data as required by Chapter 93 of the Acts of 2020, previously found on this page, are available at <https://www.mass.gov/guides/doc-coronavirus-information-guide> and on the dashboard website: <https://www.mass.gov/info-details/covid-19-response-reporting> under "Additional COVID-19 data."

Direct links to the DOC information found on those pages include:

- Inmate data - <https://www.mass.gov/info-details/doc-covid-19-inmate-dashboard>
- Staff data - <https://www.mass.gov/lists/doc-covid-19-staff-testing-reports>
- Inmate Housing Reports - <https://www.mass.gov/lists/doc-covid-19-institution-cell-housing-reports>