



# Dashboard of Public Health Indicators

Below is the status as of June 1, 2020:

Indicator	Measure	Status
1	COVID-19 positive test rate	●
2	Number of individuals who died from COVID-19	●
3	Number of patients with COVID-19 in hospitals	●
4	Healthcare system readiness	●
5	Testing capacity	●
6	Contact tracing capabilities	●

- Legend
- Positive trend
  - In progress
  - Negative trend

Newly Reported Cases Today

**471**

Total Cases

**102,063**

Newly Reported Deaths Today

**50**

Total Deaths

**7,201**

New Patients Tested by Molecular Tests

**7,115**

Total Patients Tested by Molecular Tests

**621,248**

New Patients Tested by Antibody Tests

**1,022**

Total Patients Tested by Antibody Tests

**48,436**



# Confirmed and Probable Case Breakdown

## Confirmed

Newly Reported Confirmed Cases Today <b>412</b>	Total Confirmed Cases <b>98,376</b>
Newly Reported Deaths among Confirmed Today <b>50</b>	Total Deaths among Confirmed Cases <b>7,062</b>

## Probable

Newly Reported Probable Cases Today <b>59</b>	Total Probable Cases <b>3,687</b>
Newly Reported Deaths among Probable Today <b>0</b>	Total Deaths among Probable Cases <b>139</b>

Patients with a positive molecular test for COVID-19 are counted as confirmed.

Patients with a positive serology/antibody test and either COVID-like symptoms or likely exposure to COVID-19 are counted as probable cases.

Patients who did not have a laboratory test but whose death certificate listed COVID-19 as a cause of death are counted as probable deaths.

Probable cases are included in all counts from March 1 onward.

For more information on Confirmed and Probable case definitions, see [https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01\\_COVID-19.pdf](https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01_COVID-19.pdf)

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 10:00am.



# Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, June 04, 2020

## Dashboard of Public Health Indicators

Percent Change Since April 15th

7 Day Weighted Average of Positive Molecular Test Rate



-80 %

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



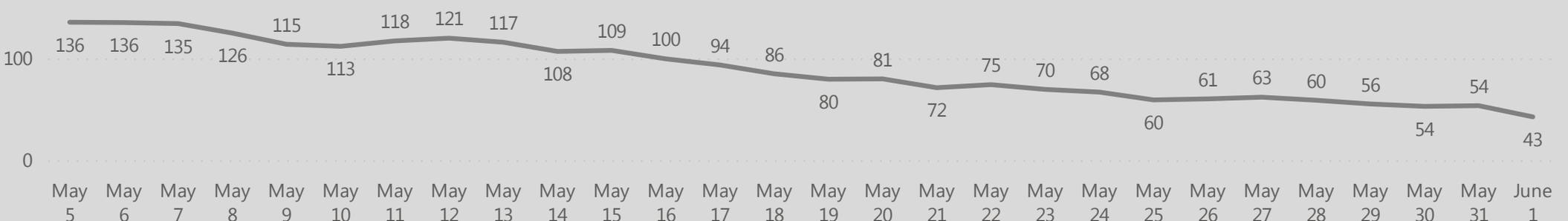
-54 %

Number of Hospitals using Surge Capacity



-76 %

3 Day Average of COVID-19 Deaths\*\*



-72 %

\*Includes both confirmed and suspected cases of COVID-19; \*\*Includes deaths in only confirmed cases of COVID-19



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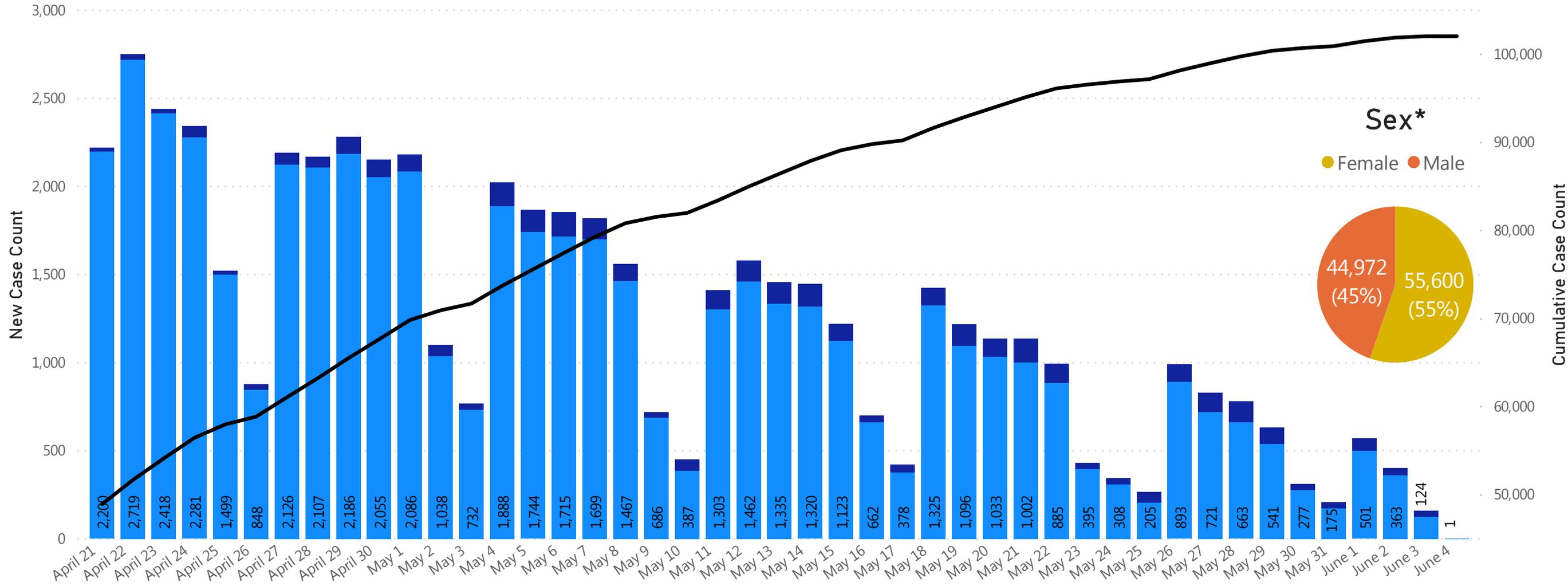
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# Daily and Cumulative Confirmed and Probable Cases

Total COVID-19 Cases To Date by Date Patient Tested or Date of Symptom Onset

● New Confirmed Cases ● New Probable Cases ● Cumulative Total 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.

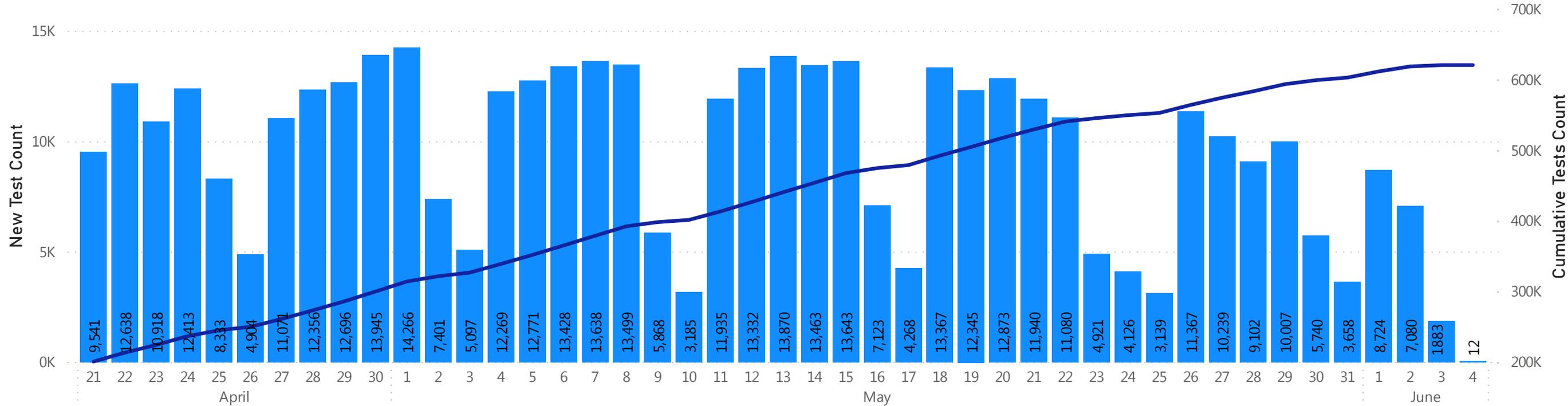
Note: all data are current as of 10:00am on the date at the top of the page; \*Excludes unknown values. Data previously shown according to date report received; data now presented according to date the patient was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Includes both confirmed and probable cases.



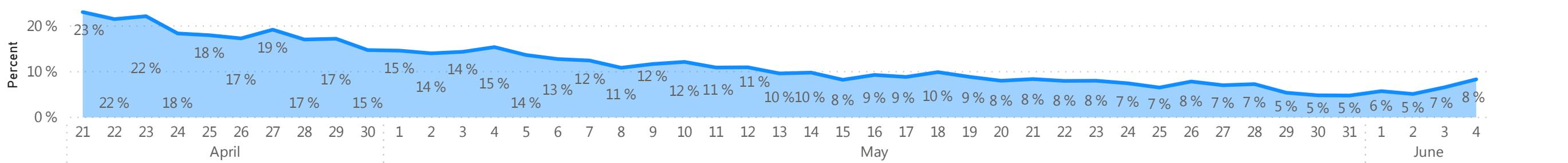
# Testing by Date - Molecular

Number of Patients Tested by Molecular Method by Patient Test Date

● New Patients Tested by Molecular Method ● Cumulative Patients Tested by Molecular Method



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



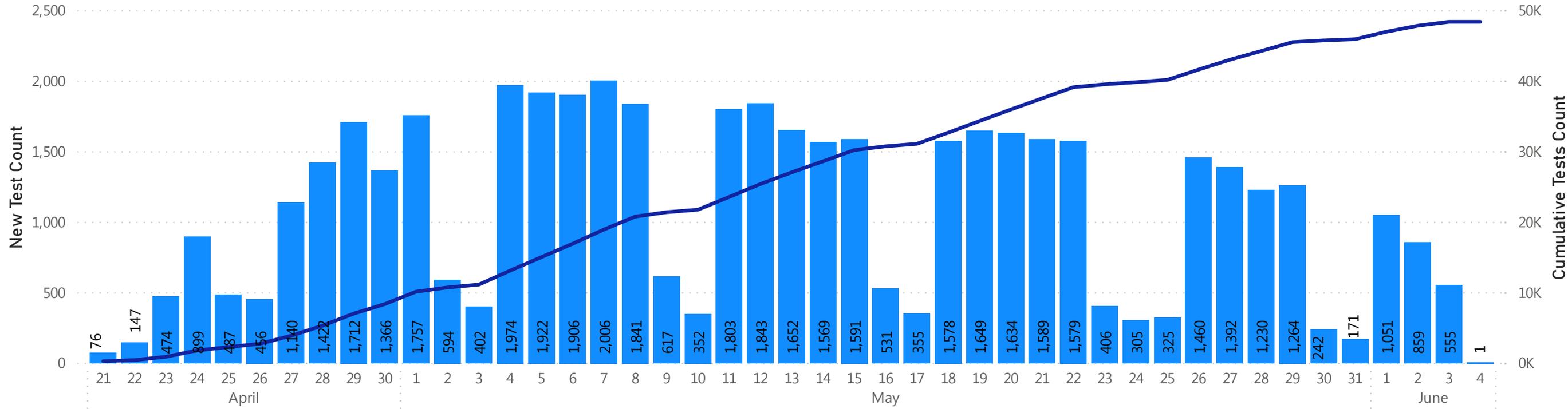
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.  
 Note: all data are current as of 10:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the patient 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 - Antibody

Number of Patients Tested by Antibody by Patient Test Date

● New Patients Tested by Antibody Method ● 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 10:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the patient 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.

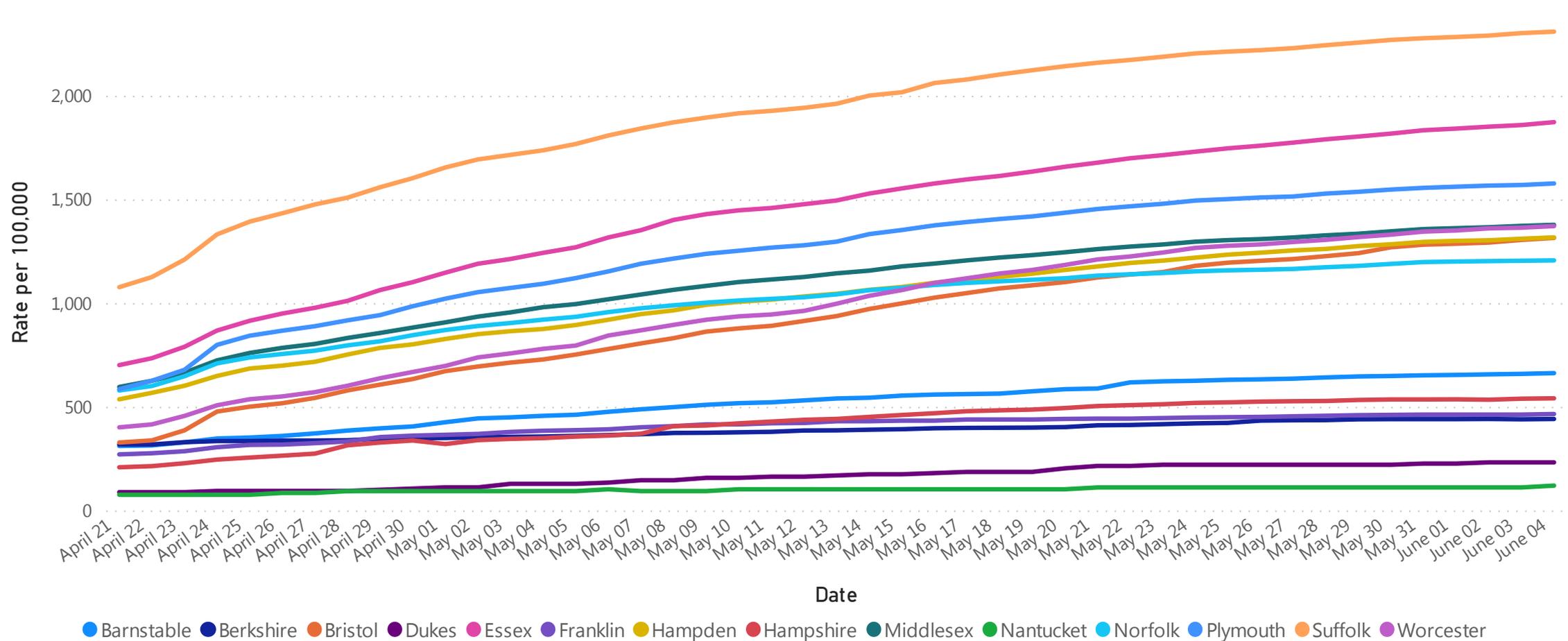


# Cases and Case Growth by County

## Total Cases by County

County	Count
Middlesex	22,485
Suffolk	18,790
Essex	14,969
Worcester	11,529
Norfolk	8,625
Plymouth	8,282
Bristol	7,508
Hampden	6,268
Barnstable	1,443
Hampshire	894
Berkshire	568
Franklin	337
Unknown	310
Dukes	41
Nantucket	14
<b>Total</b>	<b>102,063</b>

## Rate (per 100,000) of Total COVID-19 Cases by Date and County



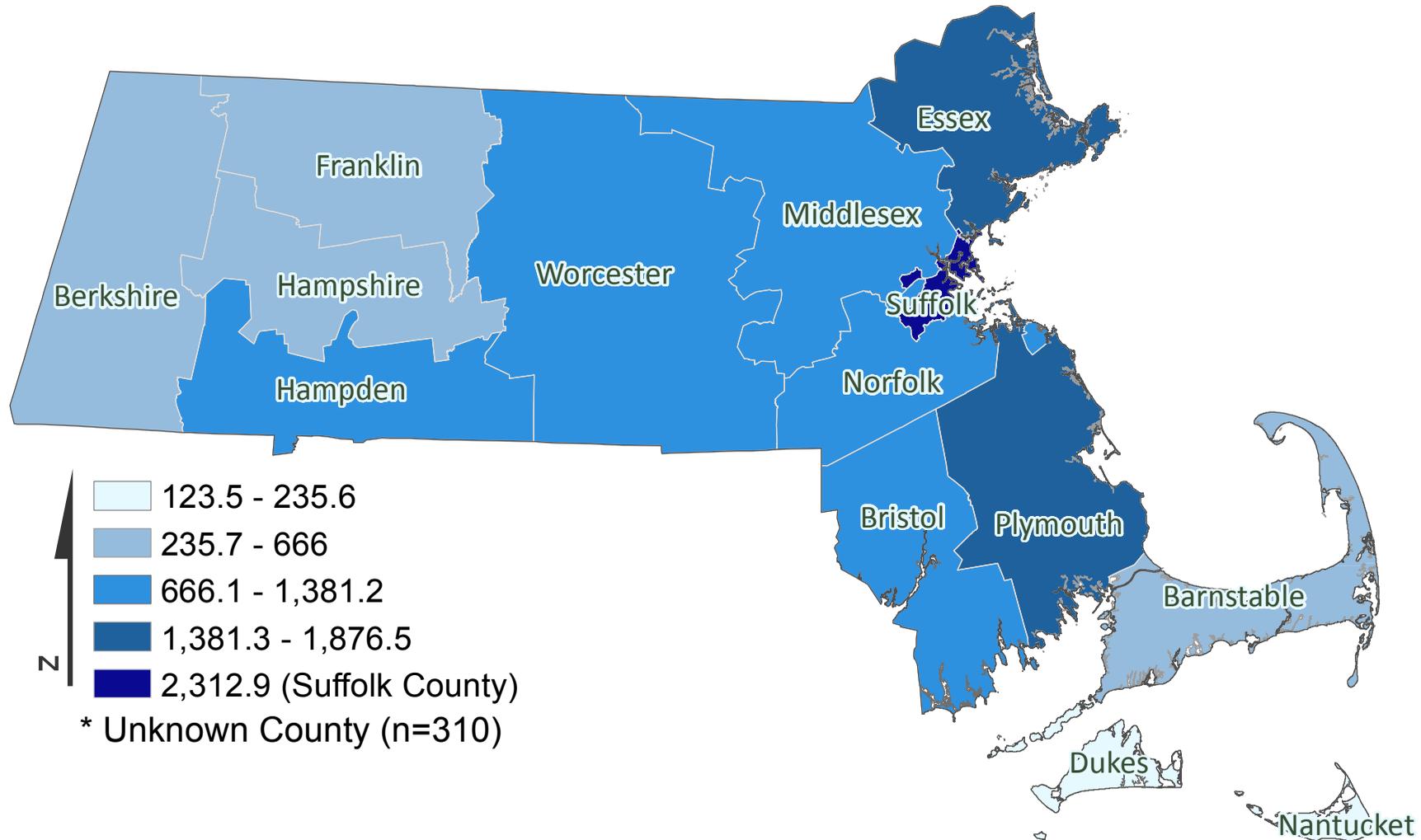
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health.  
 Note: all data are cumulative and current as of 10:00am on the date at the top of the page. Includes both probable and confirmed cases.



# Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, June 4, 2020

## Prevalence by County

Rate (per 100,000) of Confirmed COVID-19 Cases by County (n=98,376)\*



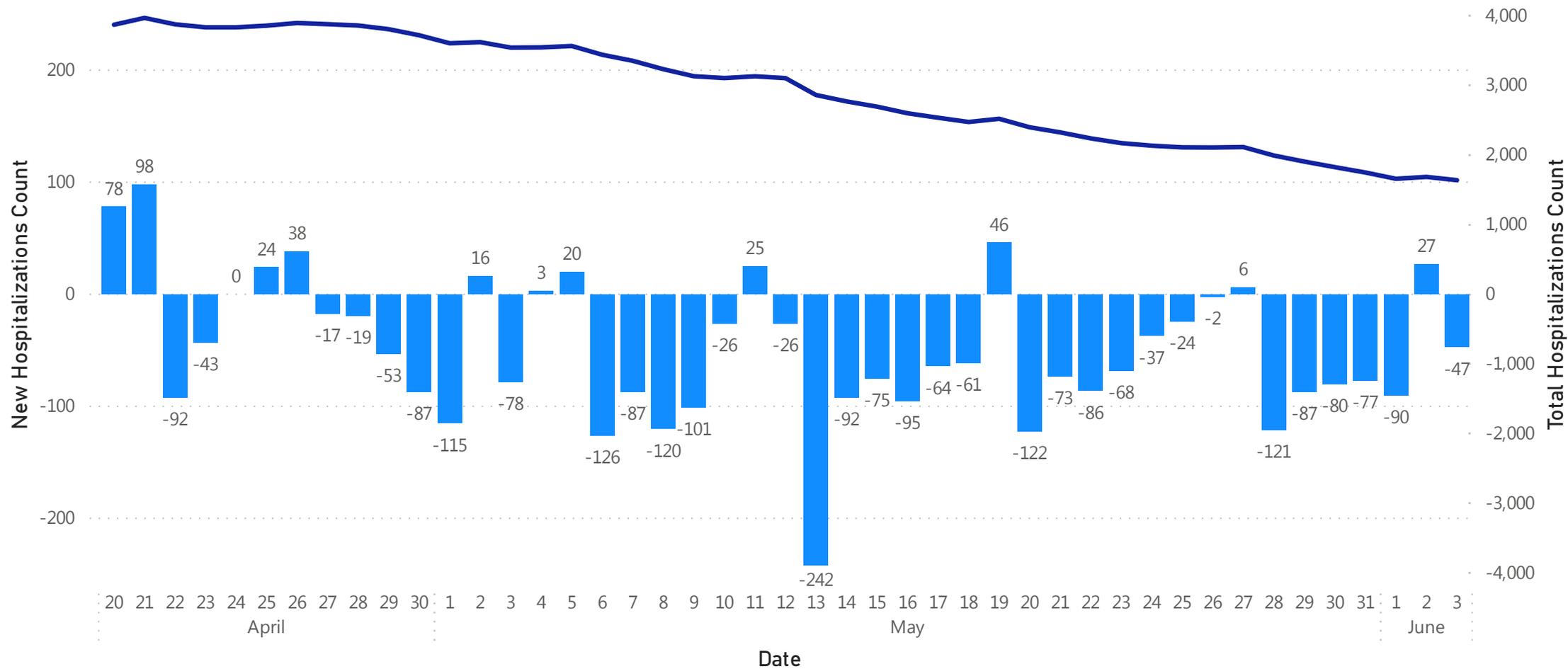
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Map created by the Office of Population Health; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Note: All data are cumulative and current as of 10:00 am on the date at the top of the page.



# 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  
**1,637**

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.

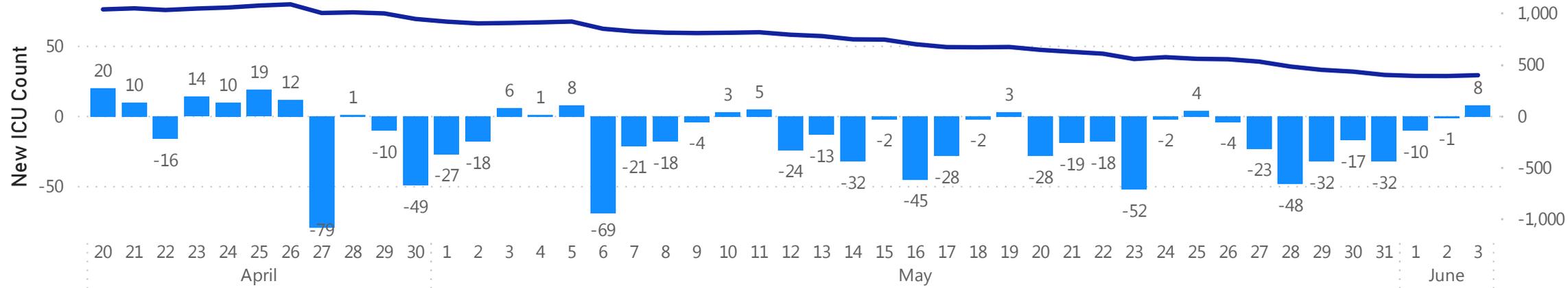
Notes: data are current as of 12:00pm on the date at the top of the page.



# Daily and Cumulative COVID-19 ICU and Intubations

## Patients Reported in ICU with COVID-19 by Date

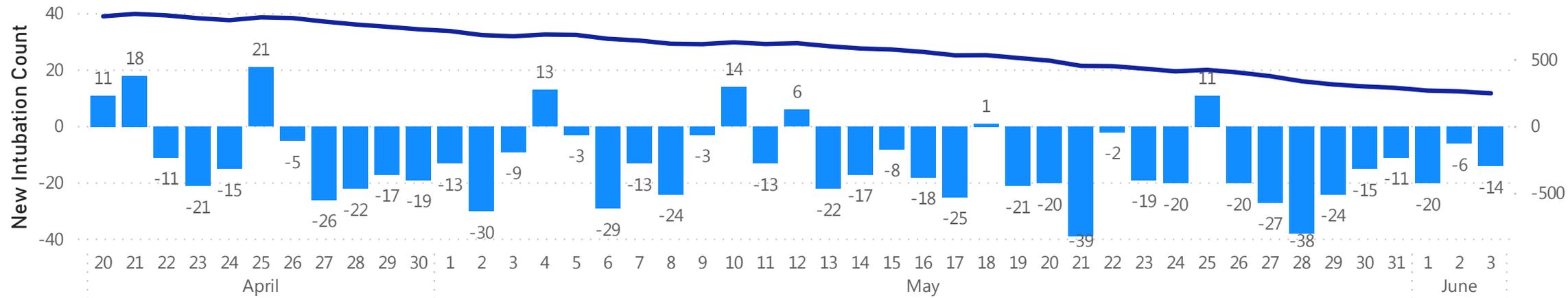
● Changes in ICU Count by Date ● Total Patients in ICU



Count of Cases Currently in ICU  
**401**

## Patients Reported as Intubated with COVID-19 by Date

● Changes in Intubation Count by Date ● Total Patients Intubated



Count of Cases Currently Intubated  
**249**

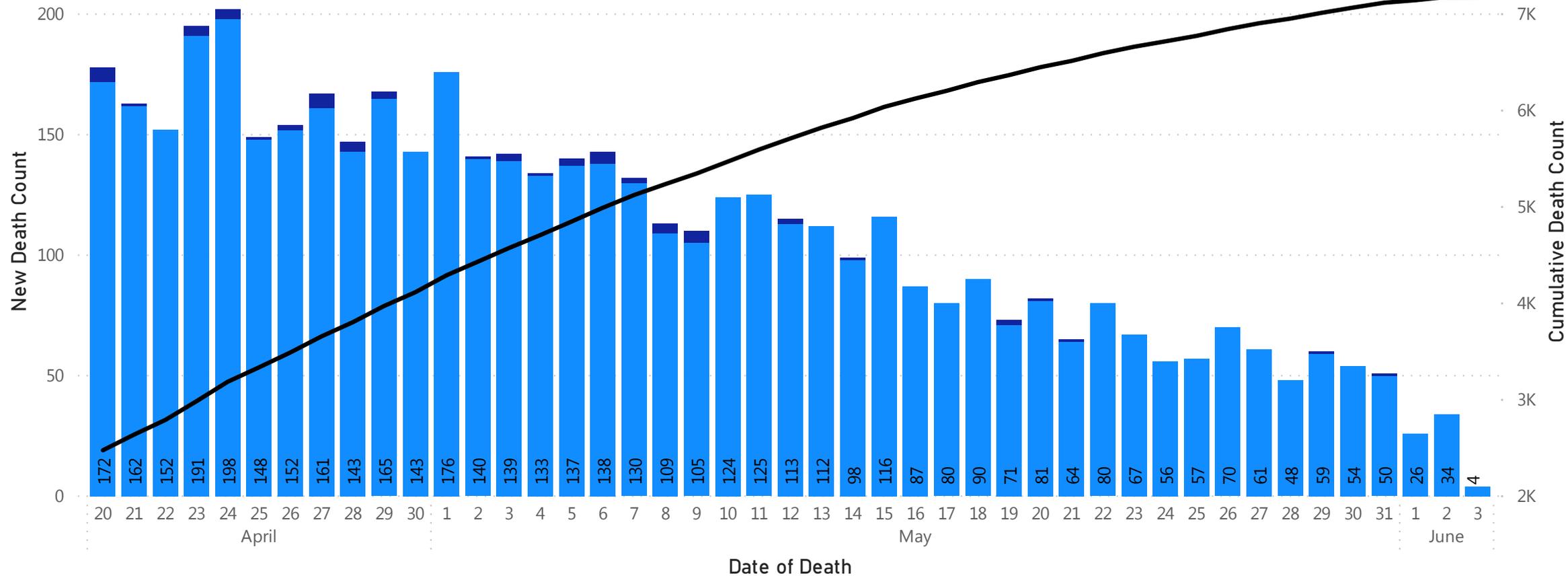
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health. Notes: data are current as of 12:00pm on the date at the top of the page.



# Daily and Cumulative Deaths

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

● New Confirmed Deaths ● New Probable Deaths ● Total Deaths



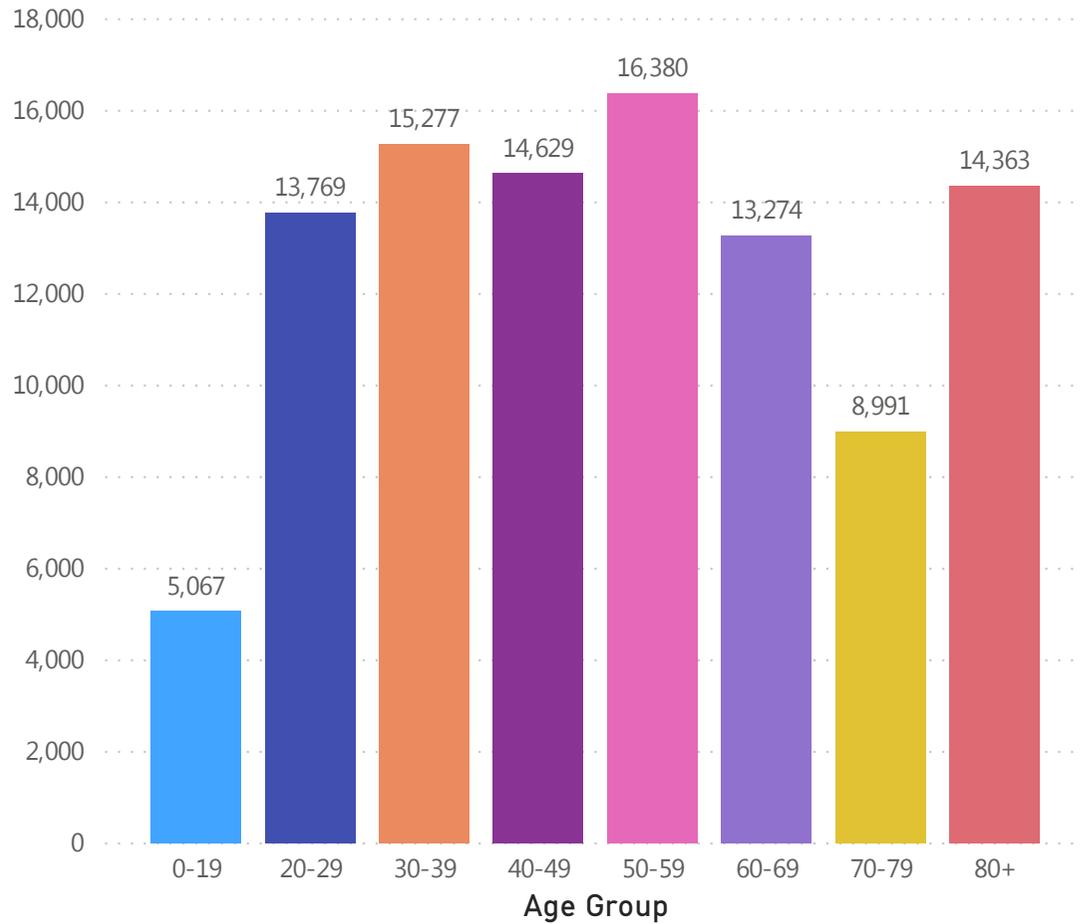
Total Deaths in COVID-19 Cases  
**7,201**

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 10:00am 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.

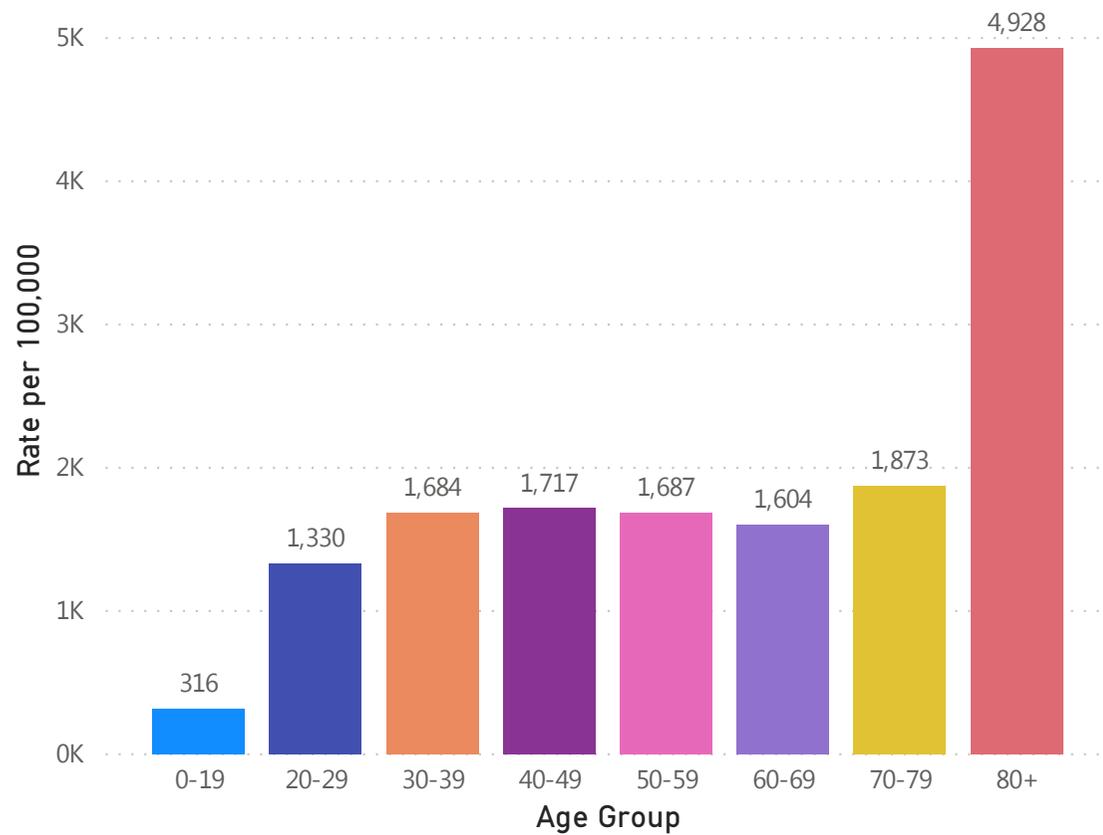


# Cases and Case Rate by Age Group

### Total COVID-19 Cases by Age Group



### Rate (per 100,000) of Total COVID-19 Cases by Age Group



Average age of Total COVID-19 Cases  
**52**

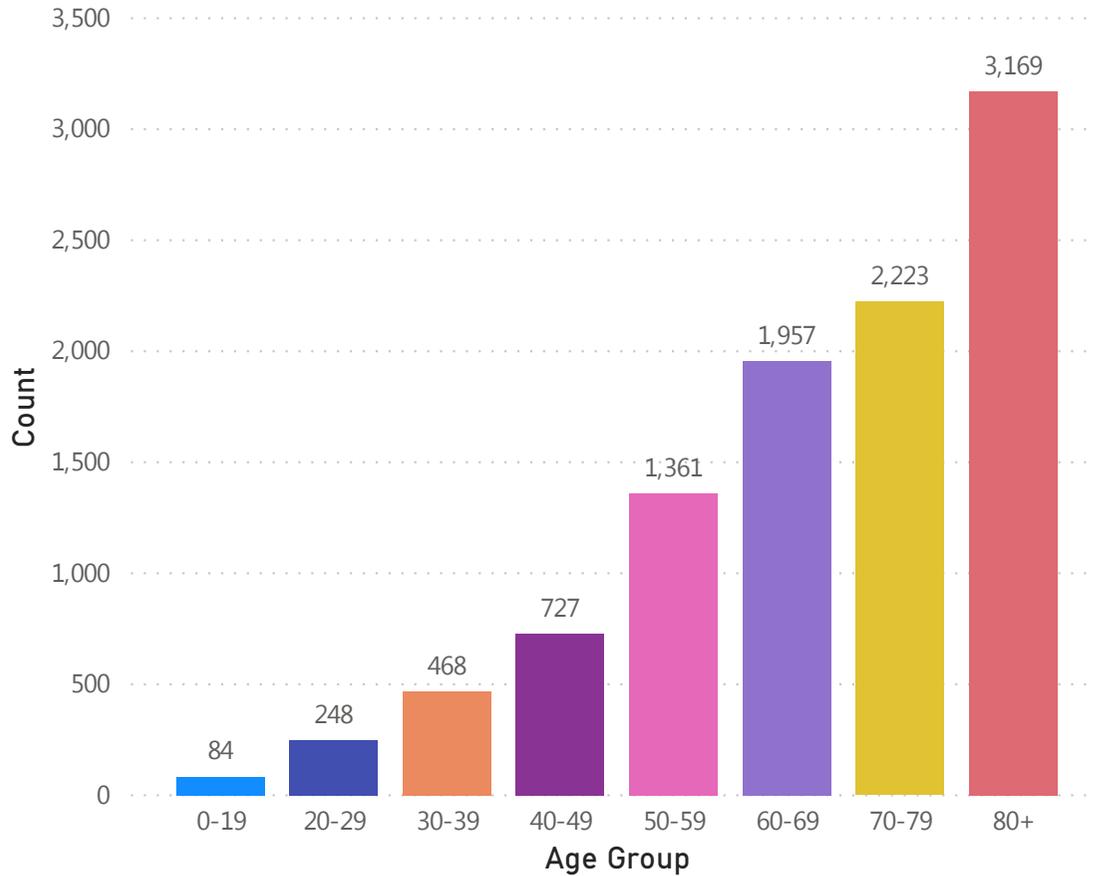
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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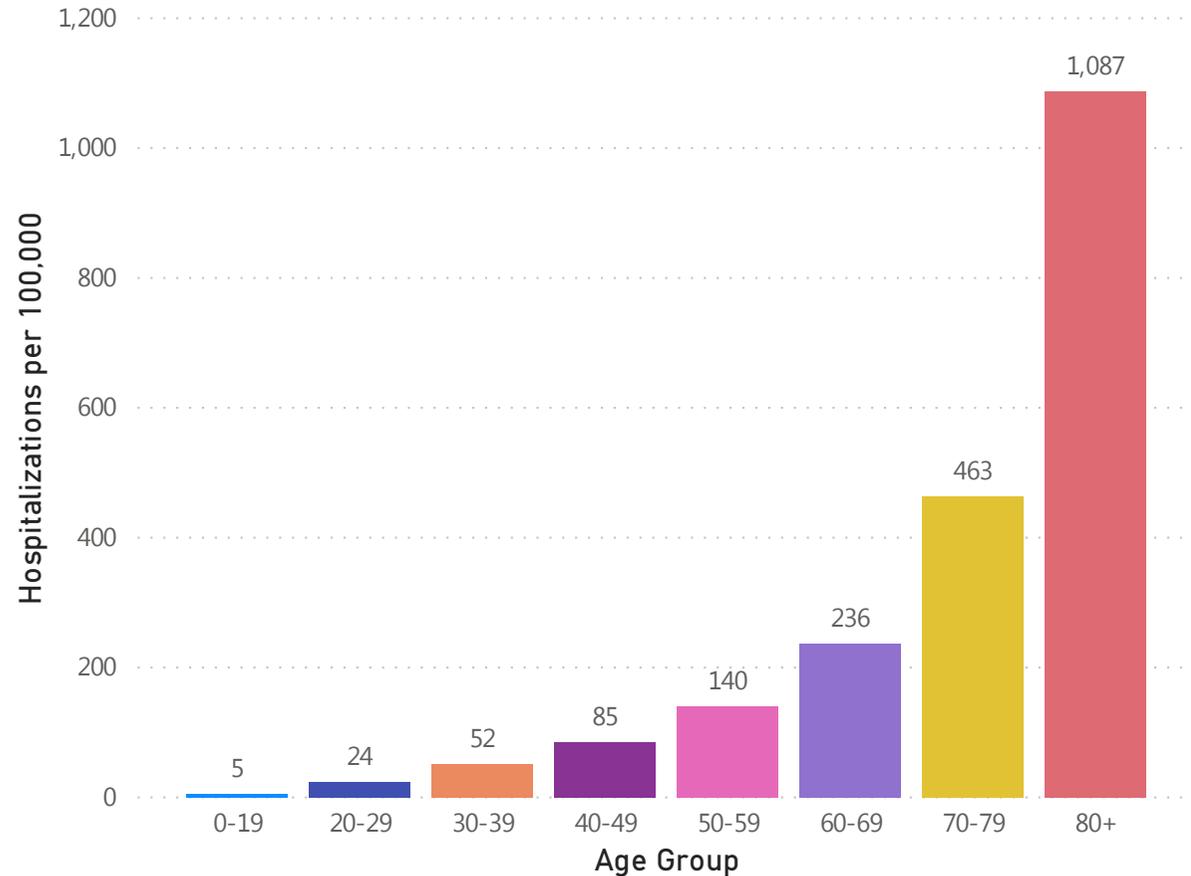


# Hospitalizations & Hospitalization Rate by Age Group

### Total COVID-19 Cases Reported as Hospitalized\* by Age Group



### Rate (per 100,000) of Total COVID-19 Cases Reported as Hospitalized\* by Age Group



Average Age of Total Cases Reported as Hospitalized\*

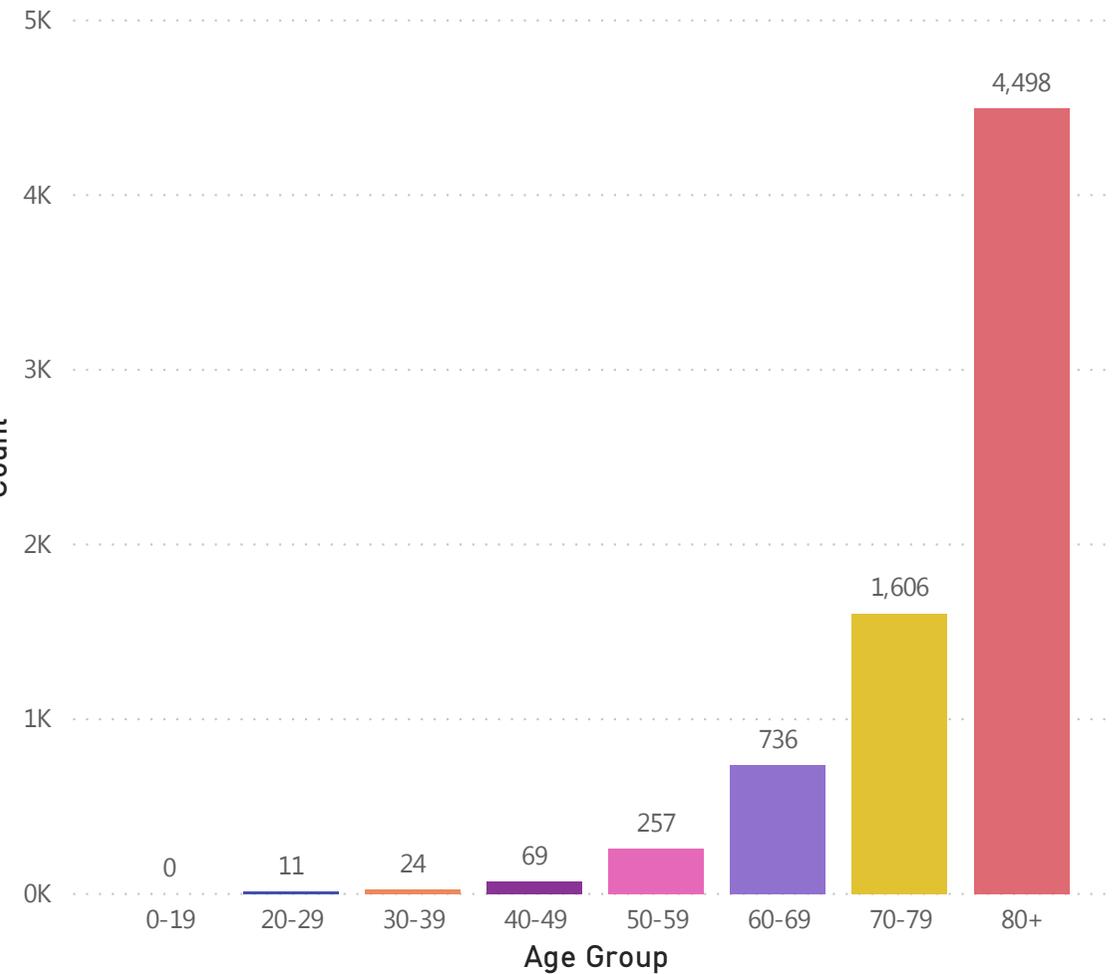
**68**

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; ; Tables and Figures created by the Office of Population Health.  
Notes: all data are cumulative and current as of 10:00am 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. <sup>14</sup>

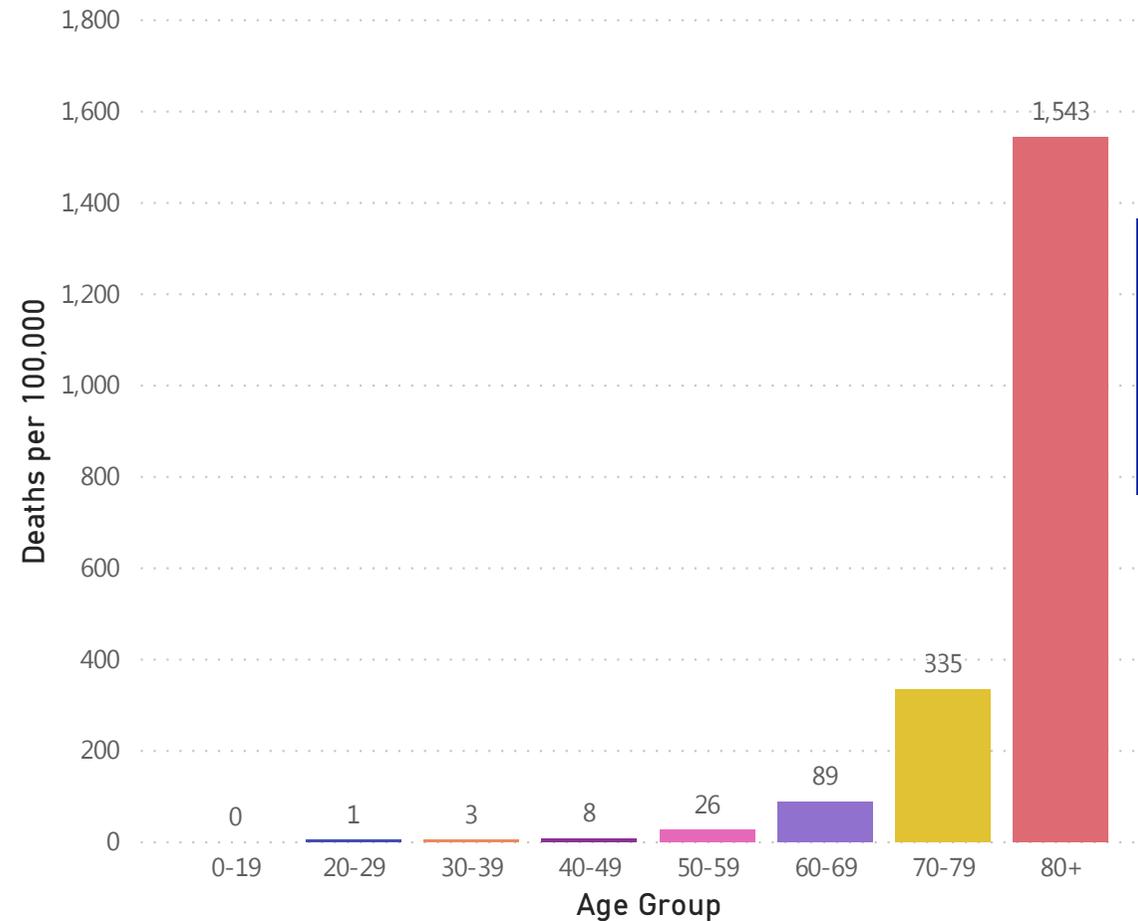


# Deaths and Death Rate by Age Group

### Deaths by Age Group in Total COVID-19 Cases



### Rate (per 100,000) of Total COVID-19 Deaths by Age Group



Average Age of Deaths in Total COVID-19 Cases

# 82

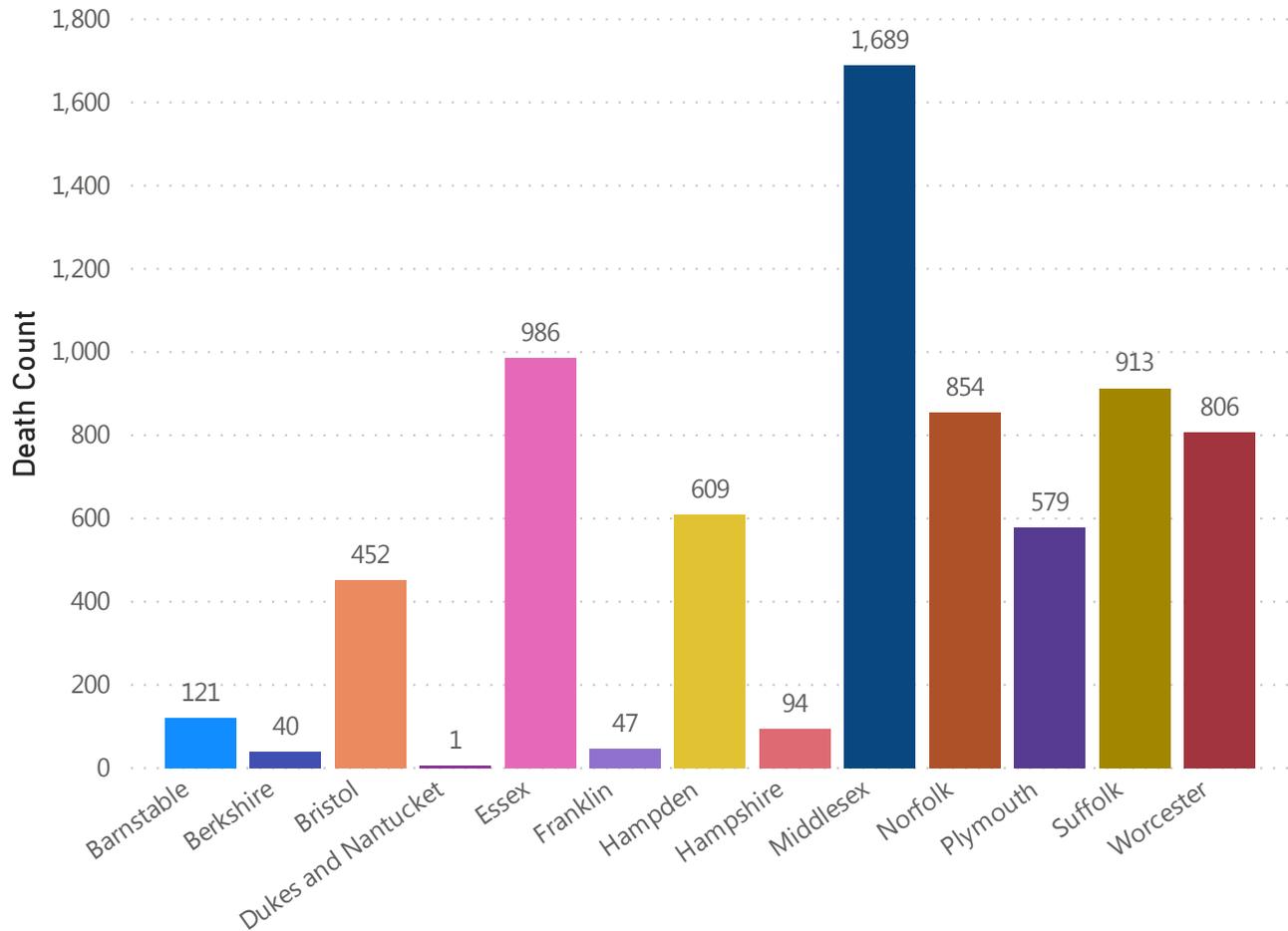
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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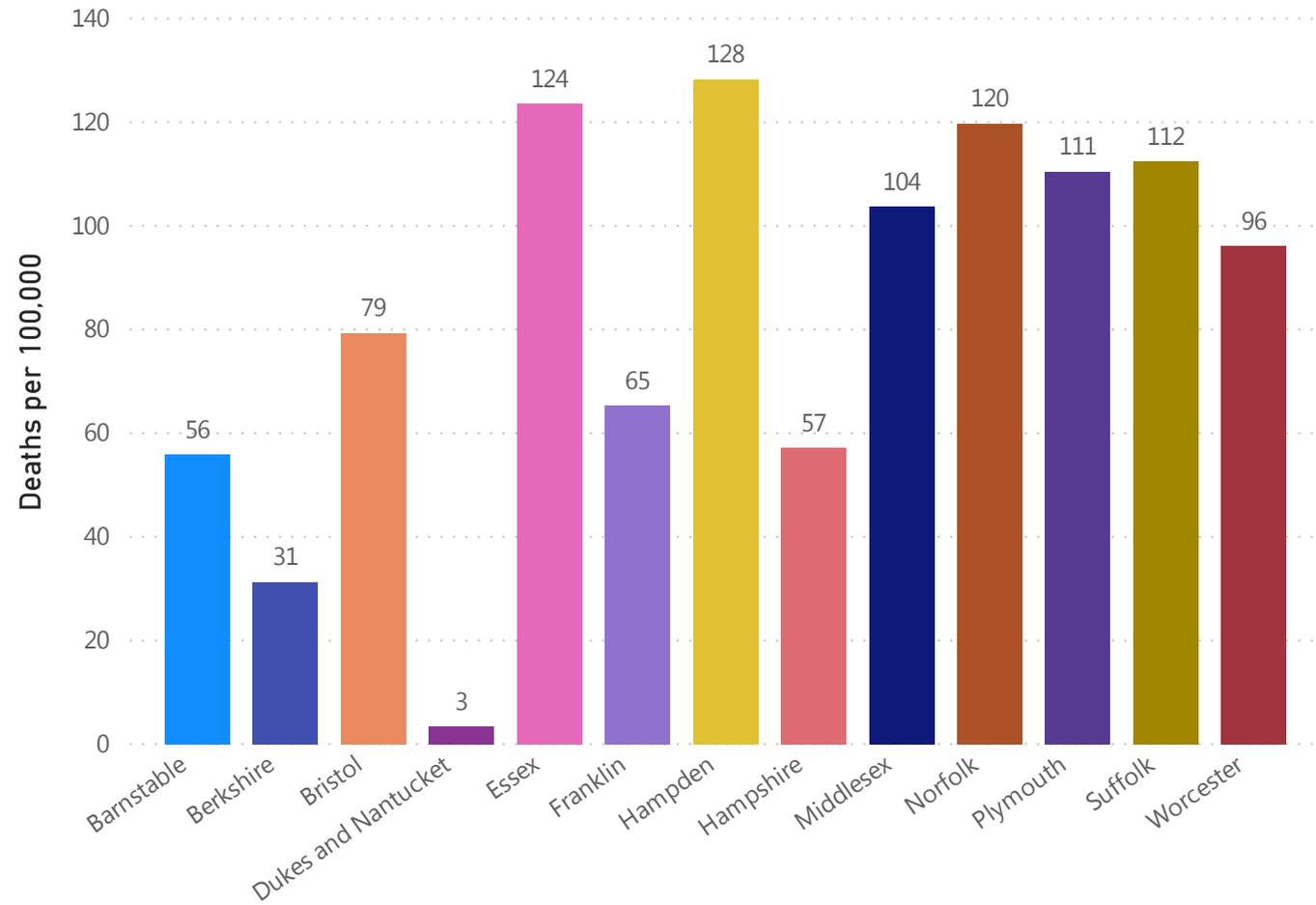


# Deaths and Death Rate by County

Count of Deaths in Total COVID-19 Cases by County



Rate (per 100,000) of Total COVID-19 Deaths by County

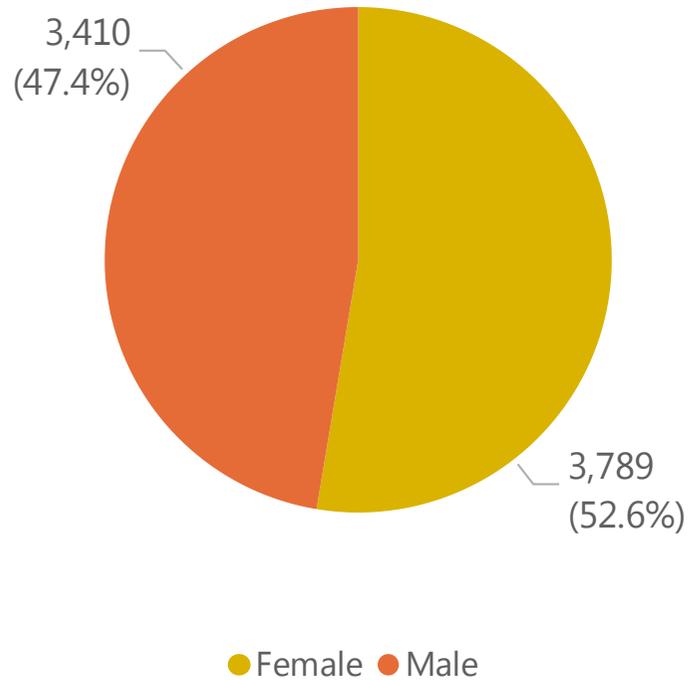


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health.  
 Note: all data are cumulative and current as of 10:00am on the date at the top of the page. Includes both probable and confirmed cases.

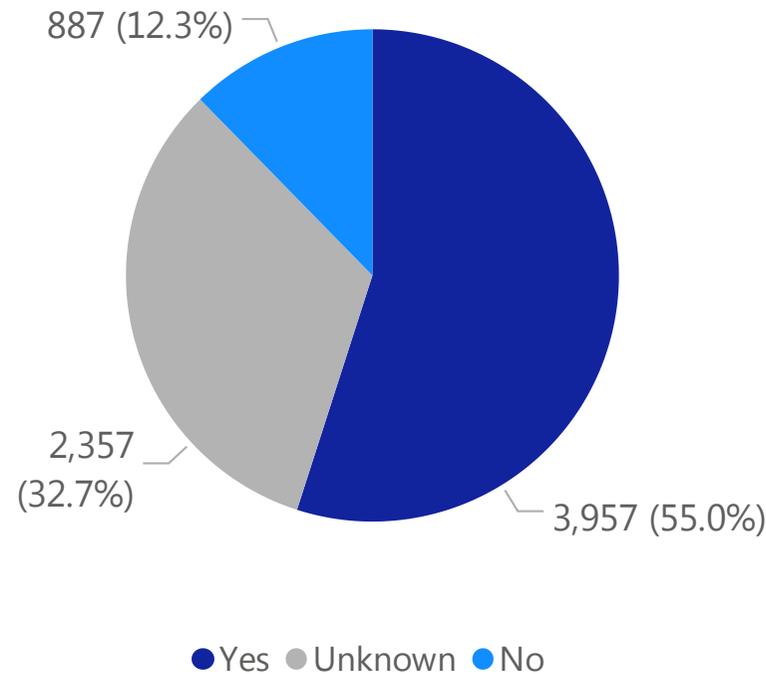


# Deaths by Sex, Previous Hospitalization, & Underlying Conditions

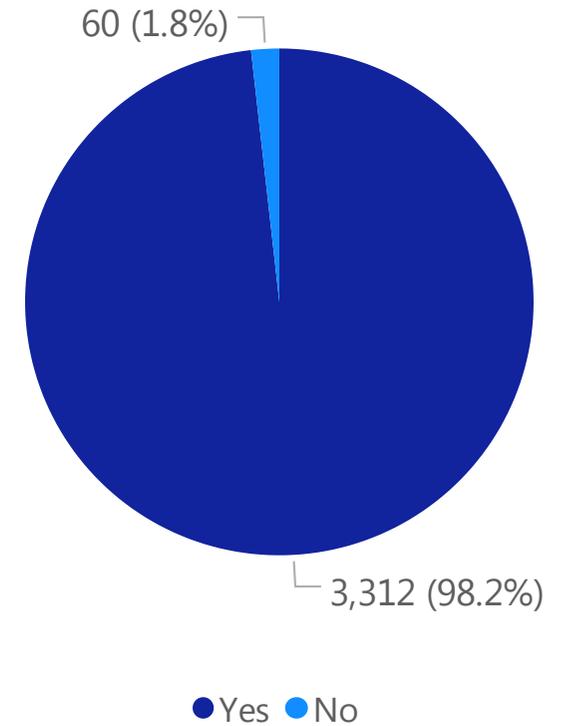
Total Deaths by Sex+



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 10:00am 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.



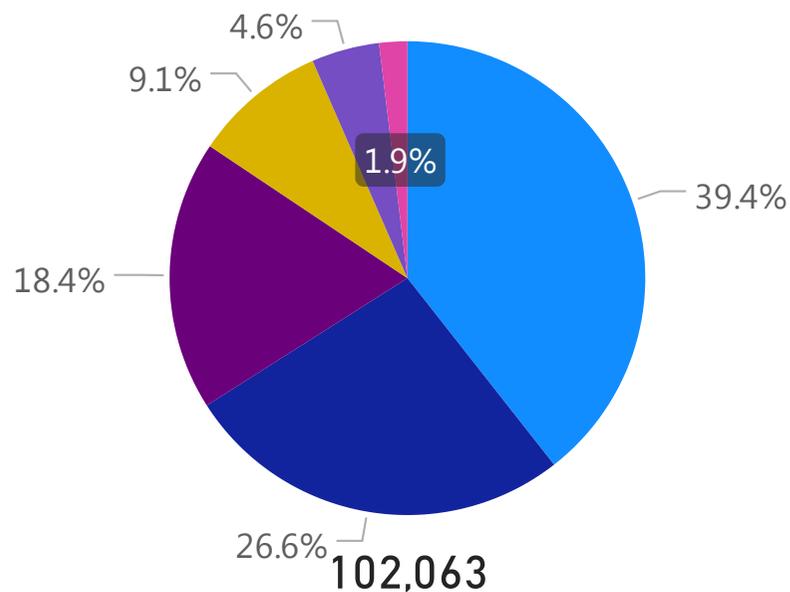
# Cases, Hospitalizations, & Deaths by Race/Ethnicity

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.

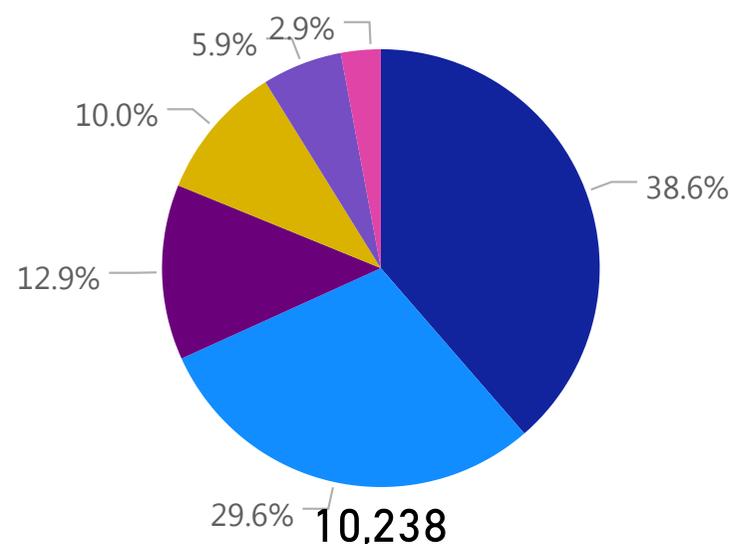
**Note:** COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Department of Public Health is working with these organizations and to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling 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 by Race/Ethnicity



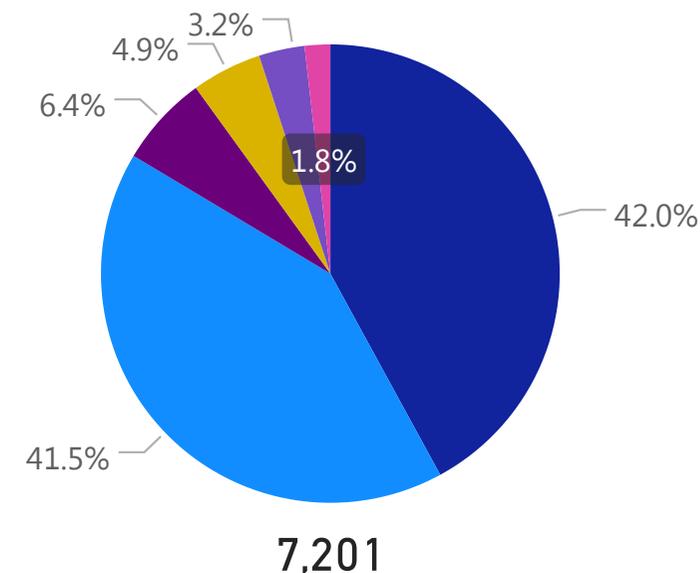
Total Case Count

Total Cases Reported as Hospitalized\* by Race/Ethnicity



Total Cases Reported as Hospitalized

Total Deaths by Race/Ethnicity



Total Deaths

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

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 10:00am 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

**21,892**

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

**350**

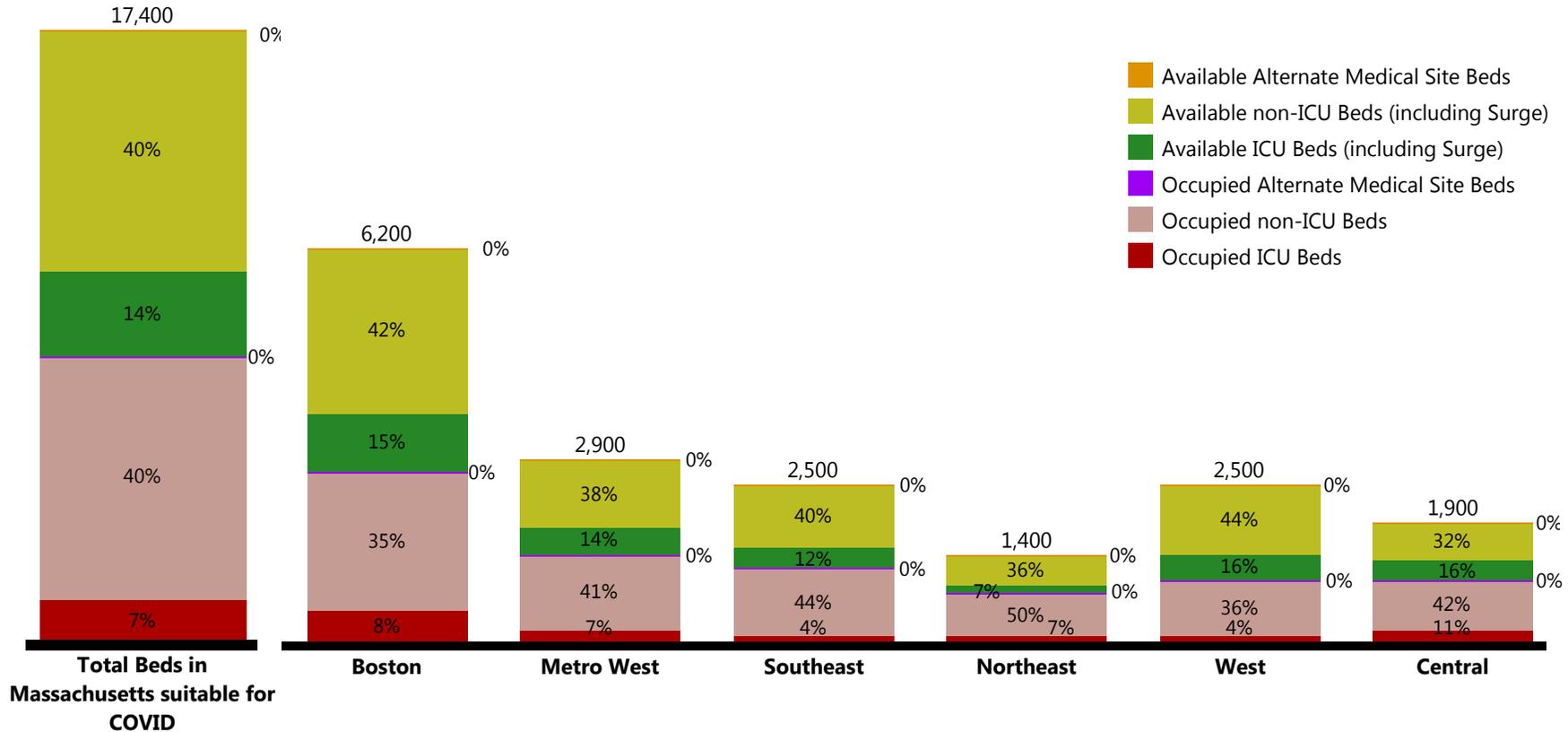
Probable or Confirmed COVID-19  
Deaths Reported in Long-Term  
Care Facilities

**4,479**



# Total Hospital Capacity by Region

Data collected as of 6/3/2020 5:00pm



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. This data includes 4,700 unstaffed surge beds.

Available AMS beds may change over time



# COVID Patient Census by Hospital (1/2)

Data collected as of 6/3/2020 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	10	0
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	2	1
Baystate Medical Center	Hampden	47	6
Baystate Noble Hospital	Hampden	0	0
Baystate Wing Hospital	Hampden	0	0
Berkshire Medical Center	Berkshire	3	0
Beth Israel Deaconess Hospital - Milton	Norfolk	17	3
Beth Israel Deaconess Hospital - Needham	Norfolk	6	3
Beth Israel Deaconess Hospital - Plymouth	Plymouth	44	5
Beth Israel Deaconess Medical Center	Suffolk	86	27
Beverly Hospital	Essex	32	7
Boston Childrens Hospital*	Suffolk	6	0
Boston Medical Center	Suffolk	79	18
Brigham and Womens - Faulkner	Suffolk	11	0
Brigham and Womens Hospital	Suffolk	59	21
Brockton Hospital	Plymouth	20	4
Cambridge Hospital	Middlesex	20	7
Cape Cod Hospital	Barnstable	8	3
Carney Hospital	Suffolk	38	9
Clinton Hospital	Worcester	2	0
Cooley Dickinson Hospital	Hampshire	19	5
Dana Farber Cancer Institute*	Suffolk	0	0
Emerson Hospital	Middlesex	5	2
Fairview Hospital	Berkshire	0	0
Falmouth Hospital	Barnstable	9	1
Good Samaritan Medical Center	Plymouth	24	6
Harrington Hospital	Worcester	4	4
Health Alliance-Leominster	Worcester	19	6
Heywood Hospital	Worcester	11	2
Holy Family Hospital	Essex	15	3
Holyoke Hospital	Hampden	11	2
Lahey Hospital Burlington	Middlesex	54	17

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



# COVID Patient Census by Hospital (2/2)

Data collected as of 6/3/2020 5:00pm

Hospital Name	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	33	7
Lowell General Hospital	Middlesex	29	11
Marlborough Hospital	Middlesex	30	6
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk	0	0
Massachusetts General Hospital	Suffolk	167	47
Melrose Wakefield Hospital	Middlesex	8	3
Mercy Medical Center	Hampden	16	2
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	26	9
MetroWest Medical Center Natick	Middlesex	9	2
Milford Regional Medical Center	Worcester	12	0
Morton Hospital	Bristol	23	5
Mount Auburn Hospital	Middlesex	28	6
Nantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	0	0
Newton-Wellesley Hospital	Middlesex	52	6
North Shore Medical Center Salem	Essex	57	13
Norwood Hospital	Norfolk	14	2
Saint Vincent Hospital	Worcester	39	9
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	39	13
Southcoast Charlton Memorial Hospital	Bristol	70	15
St Annes Hospital	Bristol	0	0
St Elizabeths Medical Center	Suffolk	15	7
St Lukes Hospital	Bristol	76	10
Sturdy Memorial Hospital	Bristol	23	4
Tobey Hospital	Bristol	24	4
Tufts Medical Center	Suffolk	53	20
UMass Memorial-Memorial Campus	Worcester	45	10
UMass Memorial-University Campus	Worcester	65	26
Winchester Hospital	Middlesex	23	2

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