

Thursday, July 16, 2020

### **Dashboard of Public Health Indicators**

Newly Reported Confirmed Cases Today

143

New Individuals
Tested by
Molecular Tests

12,880

Total Molecular Tests Administered

1,274,585

Total Confirmed
Cases

106,271

Total Individuals
Tested by
Molecular Tests

995,374

Legend

- Positive trend
- In progress
- Negative trend

Newly Reported
Deaths among
Confirmed Today

11

Total Deaths among Confirmed Cases

8,163

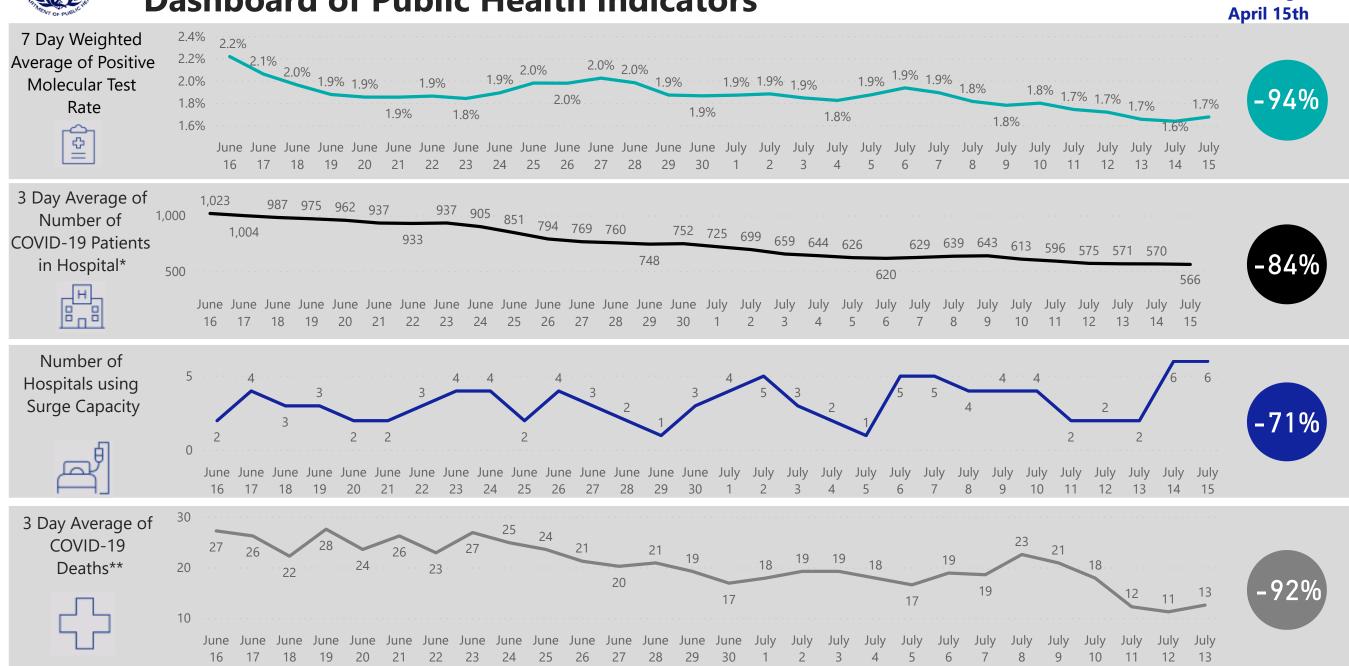
Below is the status as of June 5, 2020:

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	



#### **Dashboard of Public Health Indicators**

Percent Change Since





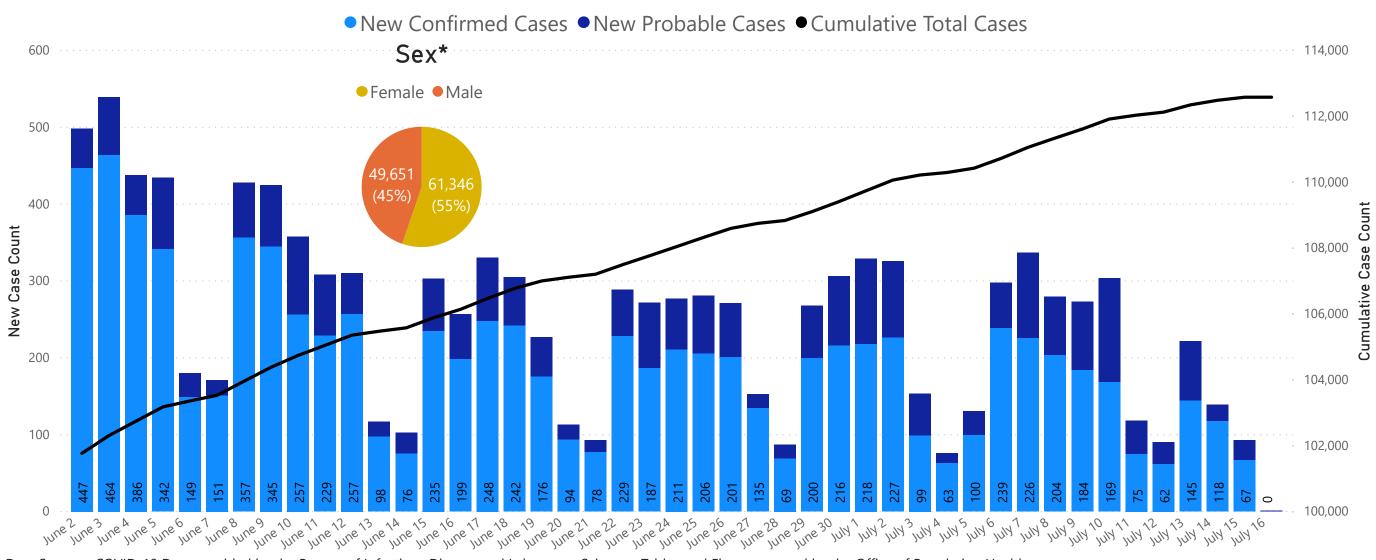
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### Daily and Cumulative Confirmed and Probable Cases

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



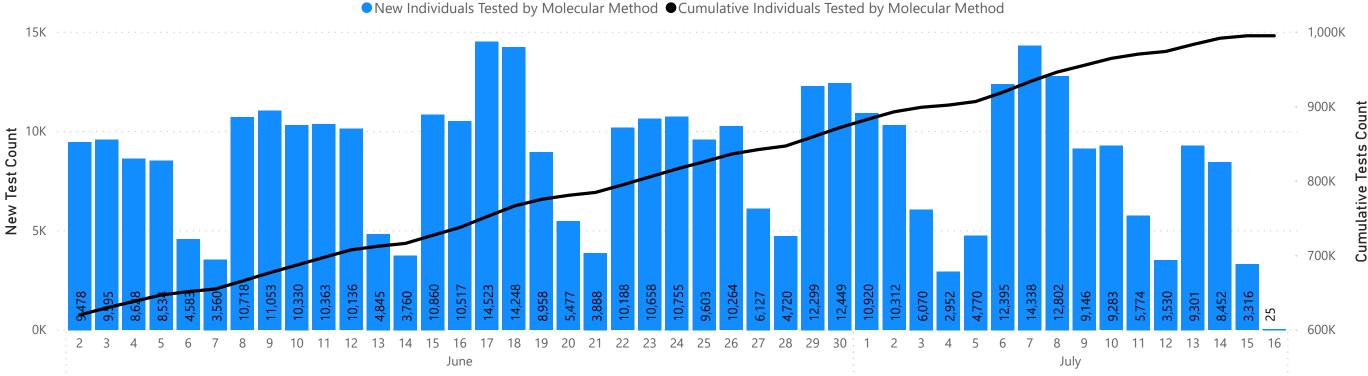
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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 individual 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. Information on probable case counts and deaths may be found on page 21.

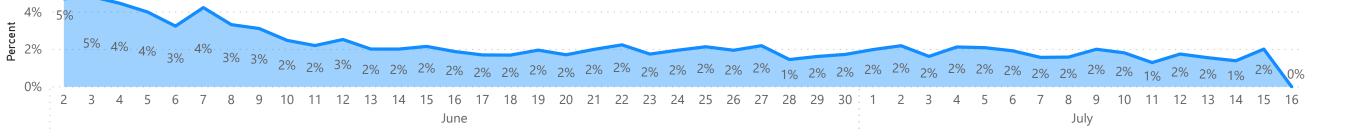


### **Testing by Date - Molecular (Individuals)**

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



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 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 individual was tested. Due to lag in

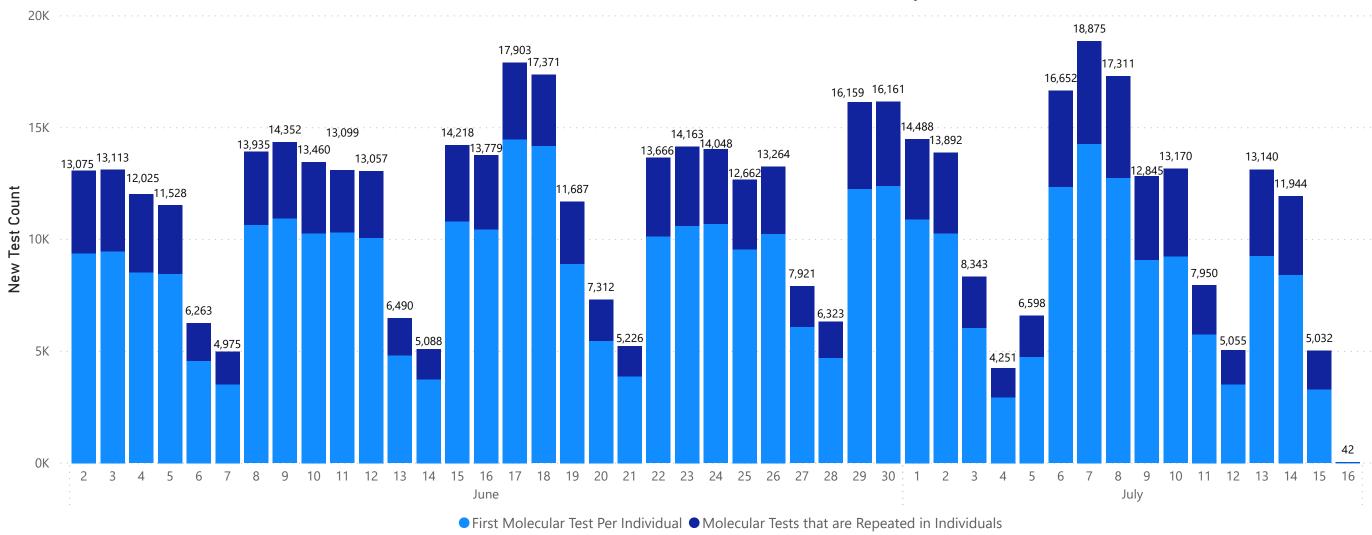
reporting by laboratories, counts for most recent dates are likely to be incomplete. Testing by Date - Molecular (Individual) counts the number of individuals with at least one molecular test; Testing by Date - Molecular (Total Tests Conducted) counts the total number of molecular tests performed. This includes individuals who have had more than one molecular test.



Thursday, July 16, 2020

## **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 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 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.



**Thursday, July 16, 2020** 

### **Testing by Date - Antibody**

New Individuals Tested by Antibody Tests

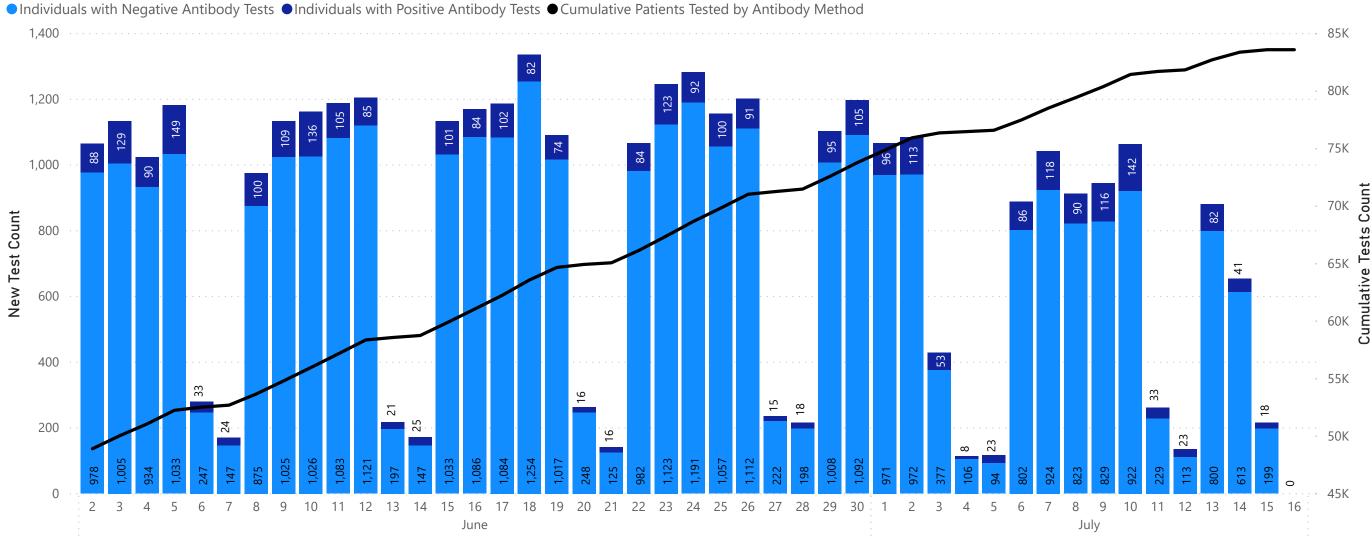
83,598

Total Individuals Tested

by Antibody Tests

1,189

Number of Individuals Tested by Antibody by Test Date



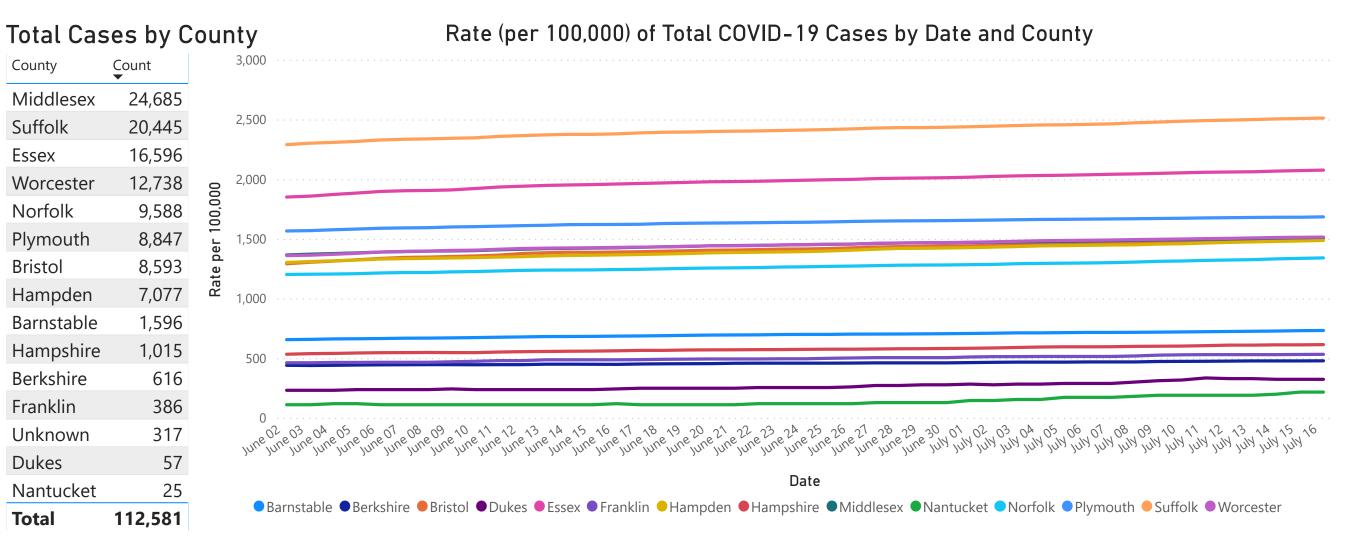
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

Note: all data are current as of 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 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.



#### Thursday, July 16, 2020

### Cases and Case Growth by County

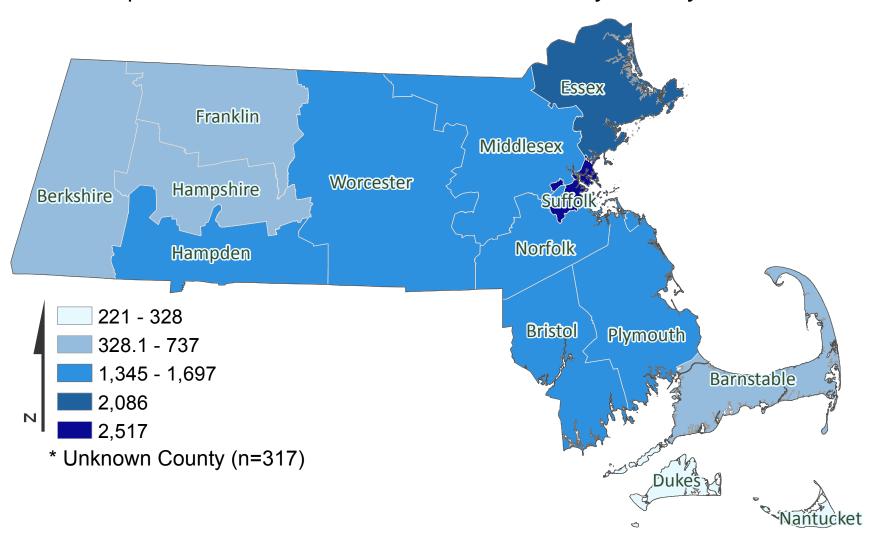


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the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



## Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 16, 2020 **Prevalence by County**

Rate (per 100,000) of Total COVID-19 Cases by County (n=112,581)\*



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. Includes probable and confirmed cases.

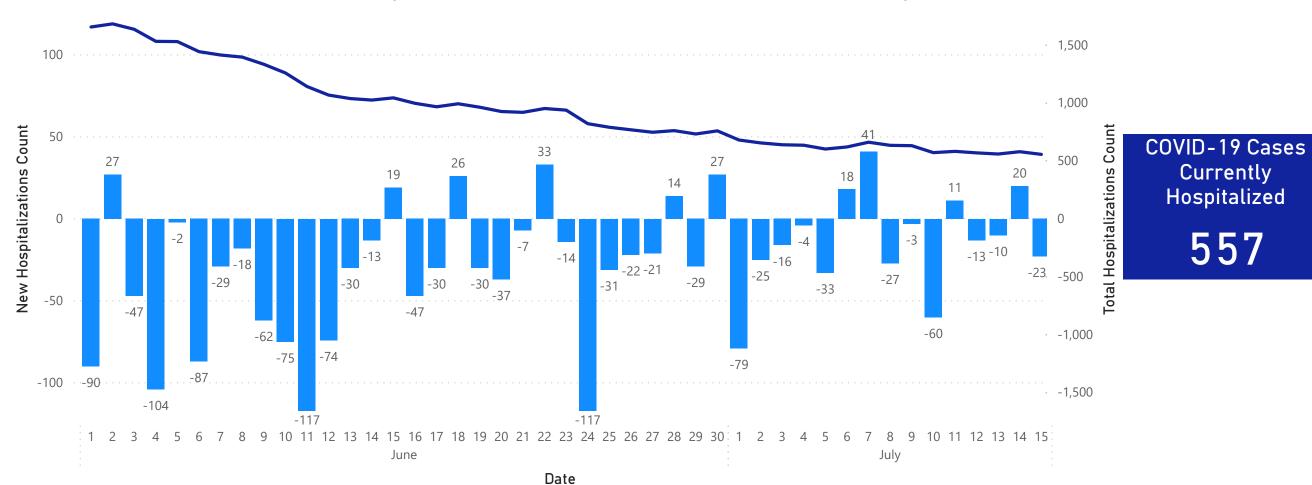


#### Thursday, July 16, 2020 Massachusetts Department of Public Health COVID-19 Dashboard -

### Daily and Cumulative COVID-19 Hospitalizations

#### Patients Reported as Hospitalized\* with COVID-19 by Date





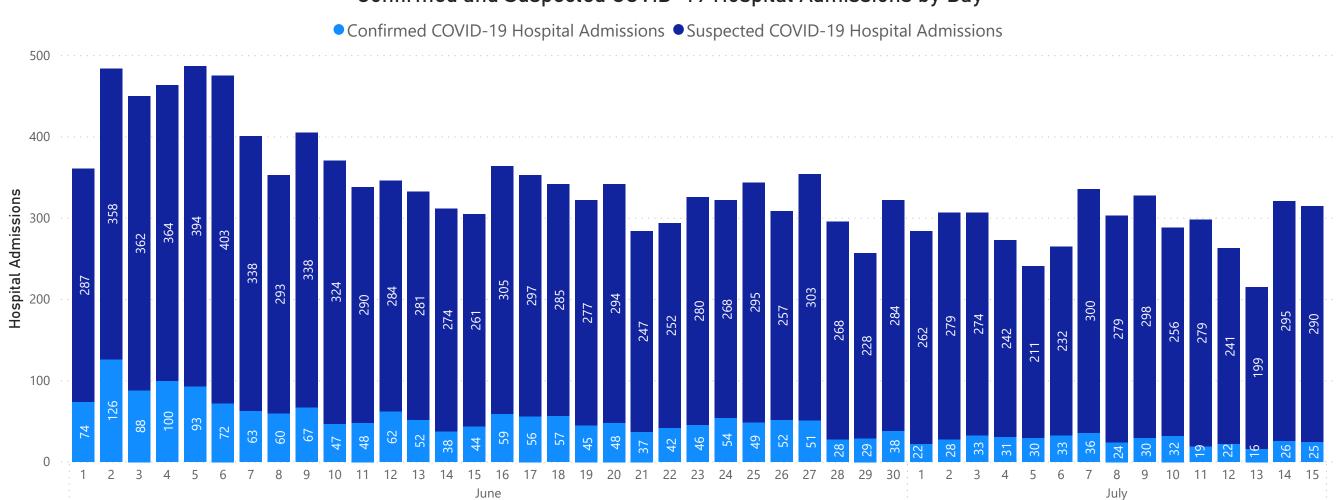
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health. 10

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



### **New Daily COVID-19 Hospital Admissions**

#### Confirmed and Suspected COVID-19 Hospital Admissions by Day



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.

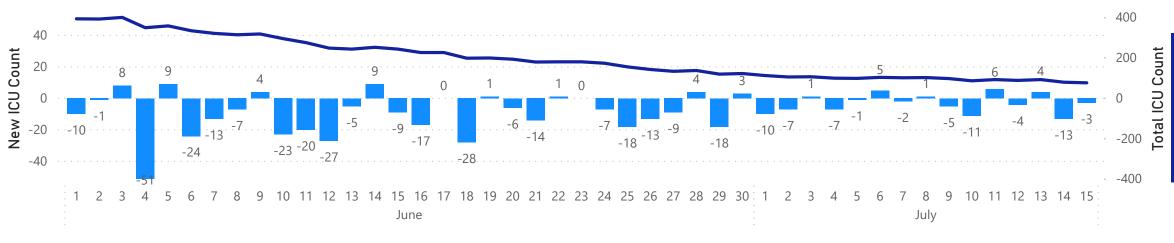
Notes: data are current as of 12:00pm on the date at the top of the page. For purposes of this reporting, "confirmed" are cases with a PCR test. "Suspected" are those with symptoms who have not had a test result yet.



### Daily and Cumulative COVID-19 ICU and Intubations

Patients Reported in ICU with COVID-19 by Date



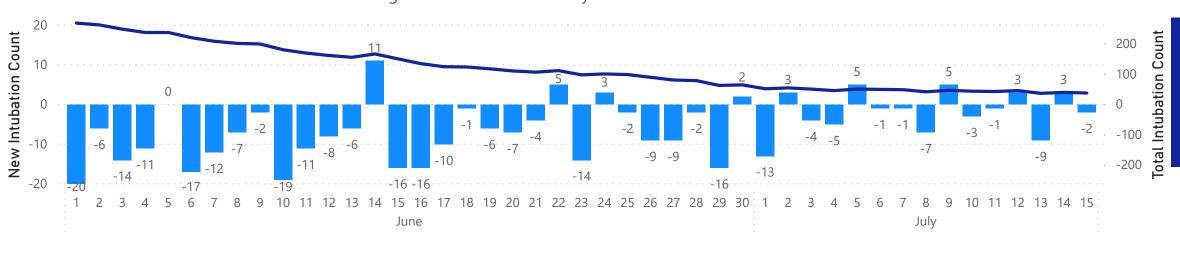


Count of Cases Currently in ICU

77

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

Changes in Intubation Count by Date
 ● Total Patients Intubated



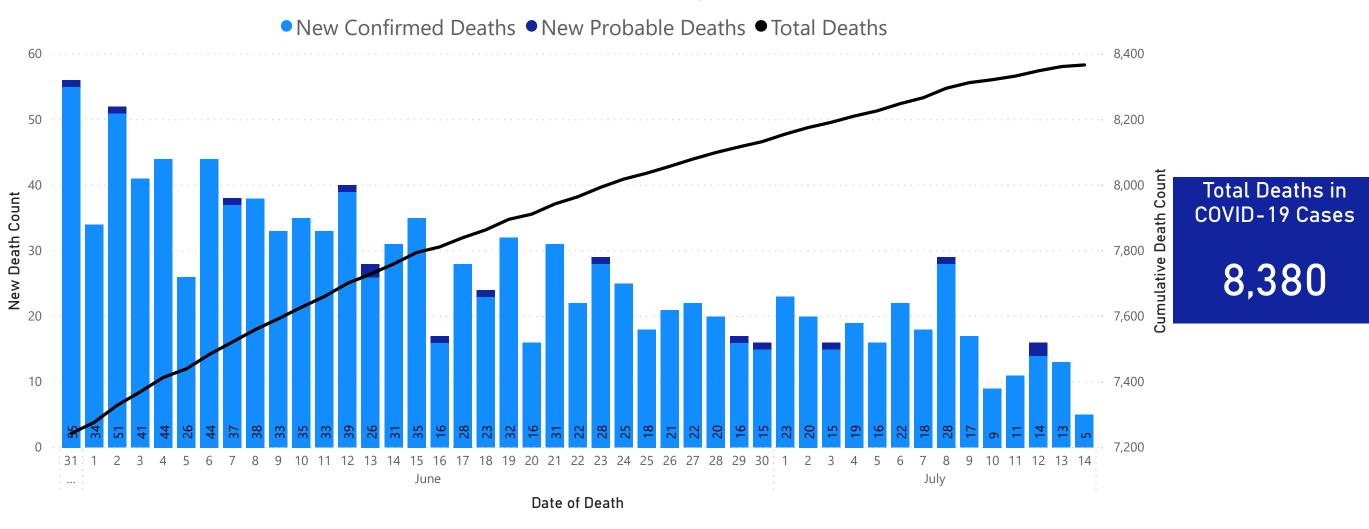
Count of Cases
Currently
Intubated

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

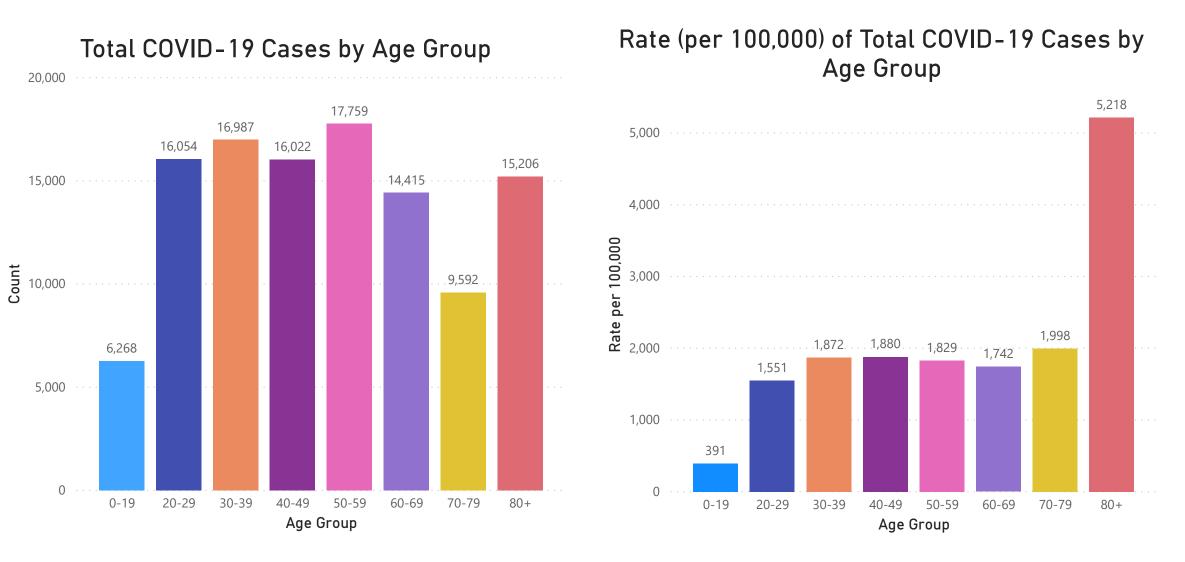


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health Note: all data are current as of 10:00am on the date at the top of the page; \*Counts on the 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.



#### Thursday, July 16, 2020

### Cases and Case Rate by Age Group

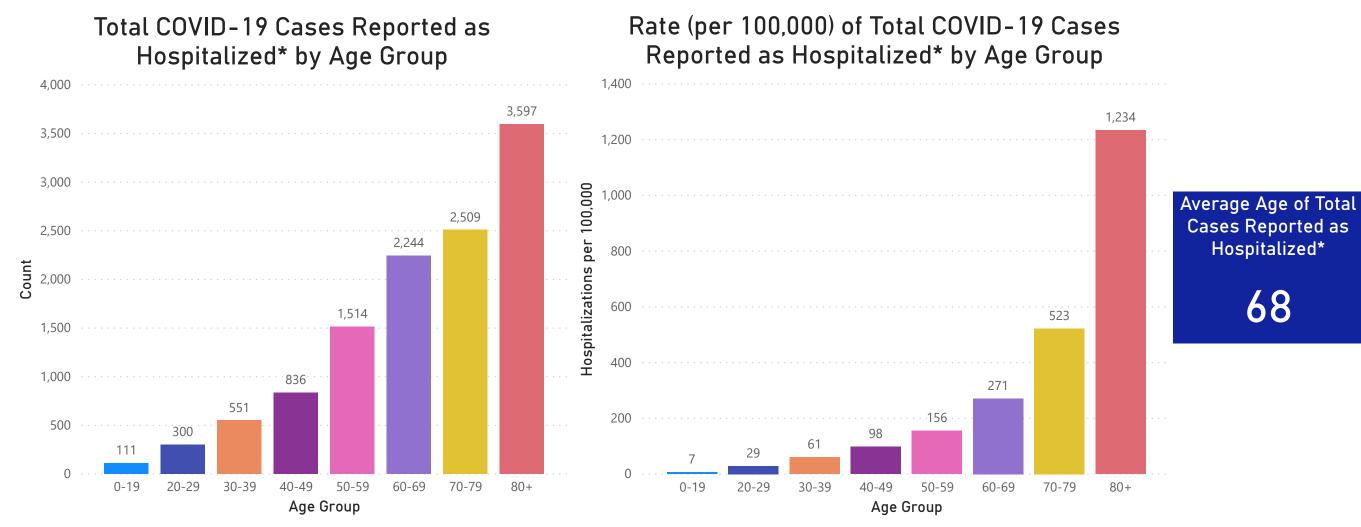


Average age of Total COVID-19 Cases

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.



### Hospitalizations & Hospitalization Rate by Age Group



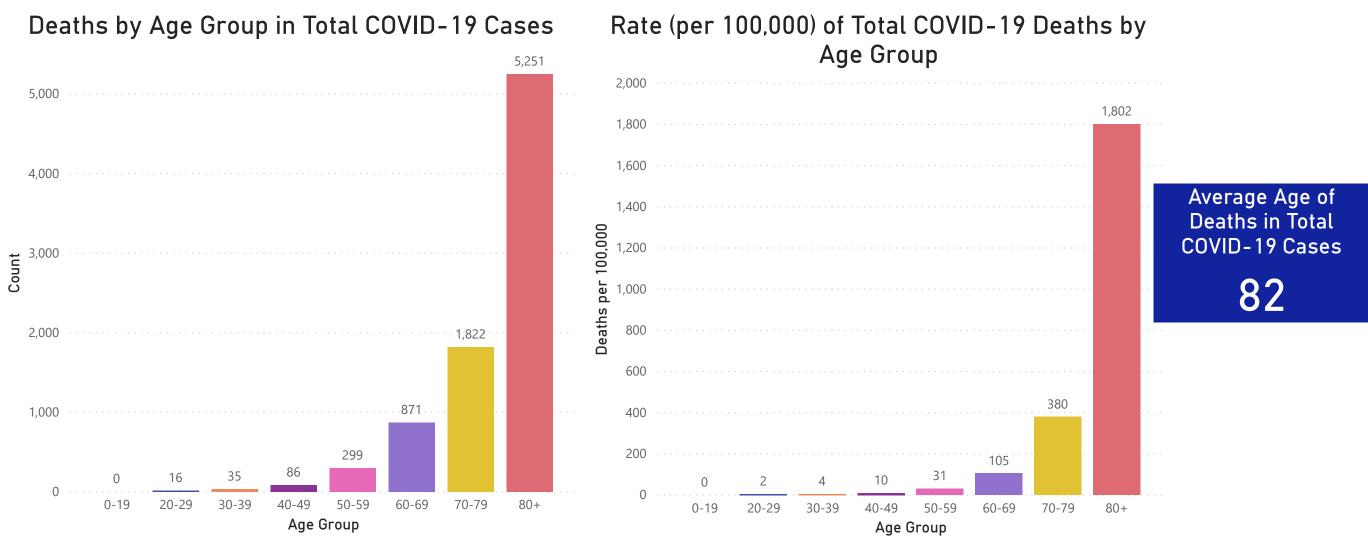
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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.



#### Thursday, July 16, 2020

### Deaths and Death Rate by Age Group



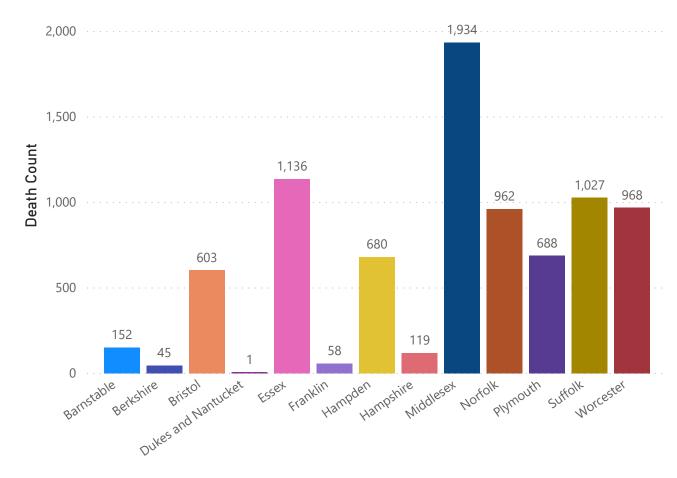
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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.

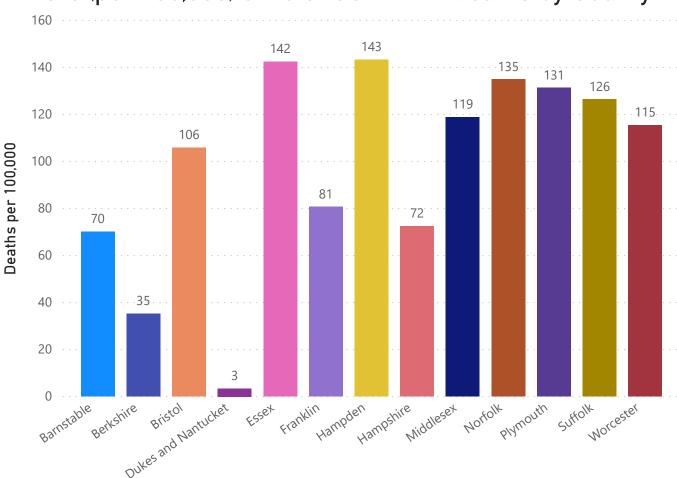


### **Deaths and Death Rate by County**

#### 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.

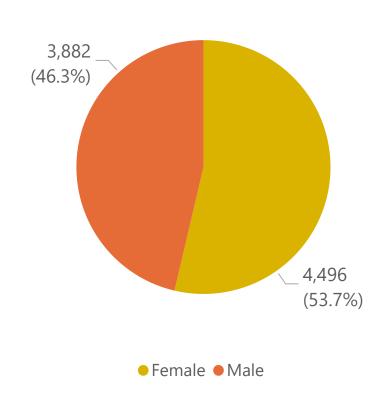


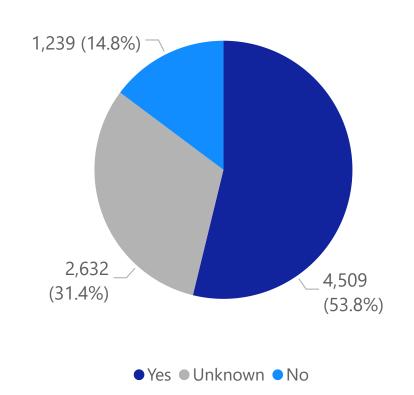
# Deaths by Sex, Previous Hospitalization, & Underlying Conditions

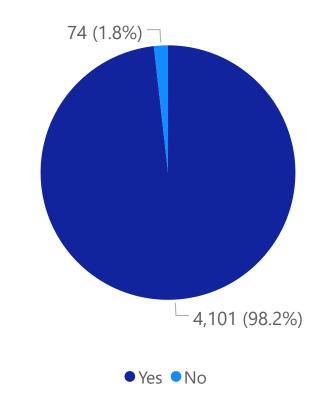
Total Deaths by Sex+

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.

Total Cases by Race/Ethnicity

**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 Reported as Hospitalized\* by

Total Deaths by Race/Ethnicity

Race/Ethnicity 5.3% 7.8% 9.4% 6.9% 33.0% 11.7% 8.2% 49.3% 19.5% 13.7% 75.1% 14.3% <sup>1</sup> 30.7% 11,663 8.380 112.581 Total Cases Reported as Hospitalized **Total Deaths Total Case Count** ■ 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. 19



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

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

23,760

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

368

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

5,312



#### **Thursday, July 16, 2020**

### **Probable Case Information**



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. Patients who did not have a laboratory test but had COVID-like symptoms and were likely exposed to COVID-19 are counted as probable cases. Probable cases are included in all counts from March 1 onward.

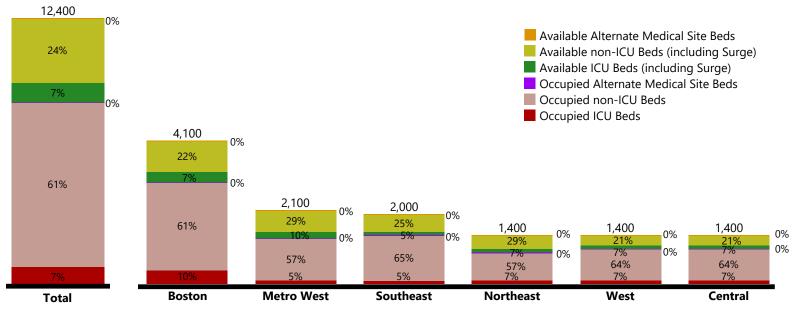
For more information on the Probable case definition, see <a href="https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01">https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01</a> COVID-19.pdf

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.



### **Total Hospital Capacity by Region**

Data collected as of 7/15/2020 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. As of June 16th, data reflects updated data collection methodology and the removal of unstaffed beds from this analysis as the healthcare system continues to progress into Phase 2. Analysis here reflects total beds that hospitals could staff within 12-24 hours.



### **COVID Patient Census by Hospital (1/3)**

Data collected as of 7/15/2020 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	4	1
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	2	0
Baystate Medical Center	Hampden	14	1
Baystate Noble Hospital	Hampden	0	0
Baystate Wing Hospital	Hampden	0	0
Berkshire Medical Center	Berkshire	1	0
Beth Israel Deaconess Hospital - Milton	Norfolk	11	0
Beth Israel Deaconess Hospital - Needham	Norfolk	9	3
Beth Israel Deaconess Hospital - Plymouth	Plymouth	22	1
Beth Israel Deaconess Medical Center	Suffolk	38	8
Beverly Hospital	Essex	4	1
Boston Childrens Hospital*	Suffolk	5	1
Boston Medical Center	Suffolk	35	7
Brigham and Womens - Faulkner	Suffolk	14	2
Brigham and Womens Hospital	Suffolk	33	6
Brockton Hospital	Plymouth	8	0
Cambridge Hospital	Middlesex	11	0
Cape Cod Hospital	Barnstable	1	0
Carney Hospital	Suffolk	14	3
Clinton Hospital	Worcester	1	0
Cooley Dickinson Hospital	Hampshire	6	1



### **COVID Patient Census by Hospital (2/3)**

Data collected as of 7/15/2020 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	4	0
Fairview Hospital	Berkshire	0	0
Falmouth Hospital	Barnstable	4	0
Good Samaritan Medical Center	Plymouth	9	0
Harrington Hospital	Worcester	1	1
Health Alliance-Leominster	Worcester	5	1
Heywood Hospital	Worcester	3	0
Holy Family Hospital	Essex	10	0
Holyoke Hospital	Hampden	8	0
Lahey Hospital Burlington	Middlesex	13	0
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	19	6
Lowell General Hospital	Middlesex	6	0
Marlborough Hospital	Middlesex	2	2
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk	0	0
Massachusetts General Hospital	Suffolk	42	9
Melrose Wakefield Hospital	Middlesex	1	0
Mercy Medical Center	Hampden	2	2
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	22	1
MetroWest Medical Center Natick	Middlesex	0	0



### **COVID Patient Census by Hospital (3/3)**

Data collected as of 7/15/2020 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	5	0
Morton Hospital	Bristol	1	1
Mount Auburn Hospital	Middlesex	9	2
Nantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	0	0
Newton-Wellesley Hospital	Middlesex	26	1
North Shore Medical Center Salem	Essex	17	2
Norwood Hospital	Norfolk	0	0
Saint Vincent Hospital	Worcester	5	0
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	31	4
Southcoast Charlton Memorial Hospital	Bristol	15	1
St Annes Hospital	Bristol	6	0
St Elizabeths Medical Center	Suffolk	3	2
St Lukes Hospital	Bristol	13	1
Sturdy Memorial Hospital	Bristol	4	0
Tobey Hospital	Plymouth	5	1
Tufts Medical Center	Suffolk	11	2
UMass Memorial-Memorial Campus	Worcester	8	0
UMass Memorial-University Campus	Worcester	4	2
Winchester Hospital	Middlesex	10	1



### **Department of Corrections on-site Testing Program (1/2)**

Data as of 6/10/2020

Facility	Population	Positive	Negative	Inconclusive	Total
Mobile Testing at Massachusetts Correctional Institution – Framingham (MCI-F)	MCI-F inmates	37	64	6	107
	Southern Middlesex Correctional Center (SMCC) inmates	0	40	1	41
	Department of Corrections Staff	2	109	0	111
	Wellpath Staff	1	8	0	9
Mobile Testing at MA Treatment Center (MTC)	MTC Civil and State Inmates	73	360	31	464
	Department of Corrections Staff	5	217	0	222
	Wellpath Staff	0	13	0	13
	Bridgewater State Hospital /CCRS Staff	1	37	0	38
Mobile Testing at Massachusetts Correctional Institution – Shirley (MCI-S)	MCI-S Inmates	91	742	0	833
	Department of Corrections Staff	6	295	0	301
	Wellpath Staff	0	20	0	20
Mobile Testing at Old Colony Correctional Center (OCCC)	OCCC Proper Inmates	0	592	0	592
	ISOU/RU Patients at OCCC	1	29	0	30
	Bridgewater State Hospital Civil Commit Patients	1	73	2	79
	OCCC-Minimum Security Inmates	0	84	0	84
	Department of Corrections Staff	2	65	0	67
	Wellpath Staff	0	10	0	10
	Bridgewater State Hospital /CCRS Staff	0	39	1	40
Mobile testing at North Central Correctional Institution(NCCI) - Gardner	NCCI - Gardner Inmates	0	928	0	928
	Department of Corrections Staff	0	55	0	55
	Wellpath Staff	0	3	0	3
Mobile Testing at Massachusetts Correctional Institution – Concord (MCI-C)	MCI-Concord Inmates	0	582	0	582
	MCI-C and NECC DOC Staff	1	171	0	172
	MCI-C and NECC Wellpath Staff	0	24	0	24
Mobile Testing at Northeast Correctional Center (NECC)	NECC Inmates	0	149	0	149
Boston Pre-Release (BPR)	BPR Inmates	0	68	0	68
	Department of Corrections Staff	0	22	0	28
	Wellpath Staff	0	0	0	0
Massachusetts Alcohol and Substance Abuse Center	MASAC Civils	2	35	0	37
	Department of Corrections Staff	0	6	0	6



### **Department of Corrections on-site Testing Program (2/2)**

Data as of 6/10/2020

Facility	Population -	Positive	Negative	Inconclusive	Total
Mobile testing at Souza Baranowski Correctional Center	DOC MCI-S Staff	0	14	0	14
	DOC SBCC Staff	1	98	0	99
	Wellpath Staff	0	17	0	17
	SBCC Inmates	2	677	0	679
Mobile Testing at MCI-Shirley (Minimum)	MCI-S Minimum Inmates	0	239	0	239
Mobile Testing at MCI-Cedar Junction	MCI - Cedar Junction Inmates	0	507	0	508
	DOC Staff - CJ	0	77	0	77
	DOC - Norfolk	0	20	0	20
	DOC - Pondville	1	2	0	3
	DOC - SBCC	0	1	0	1
	DOC - Transportation	0	1	0	1
	DOC - Food Service	0	2	0	2
	Wellpath Staff	0	8	0	8
Mobile Testing at Pondville Correctional Center	PCC Inmates	0	113	0	113
Mobile Testing at MCI-Norfolk	MCI - Norfolk Inmates	1	1,233	0	1,234
	DOC Staff - Norfolk	1	41	0	42
	DOC Staff - Pondville	0	4	0	4
	Wellpath Staff	0	4	0	4