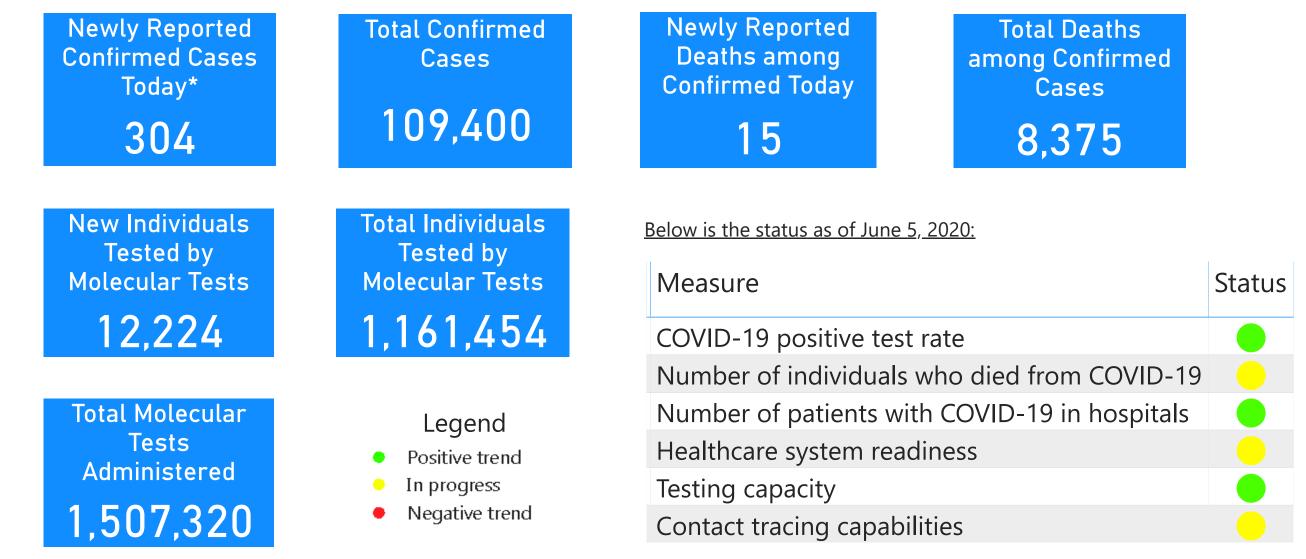


Massachusetts Department of Public Health COVID-19 Dashboard -

Thursday, July 30, 2020

Dashboard of Public Health Indicators

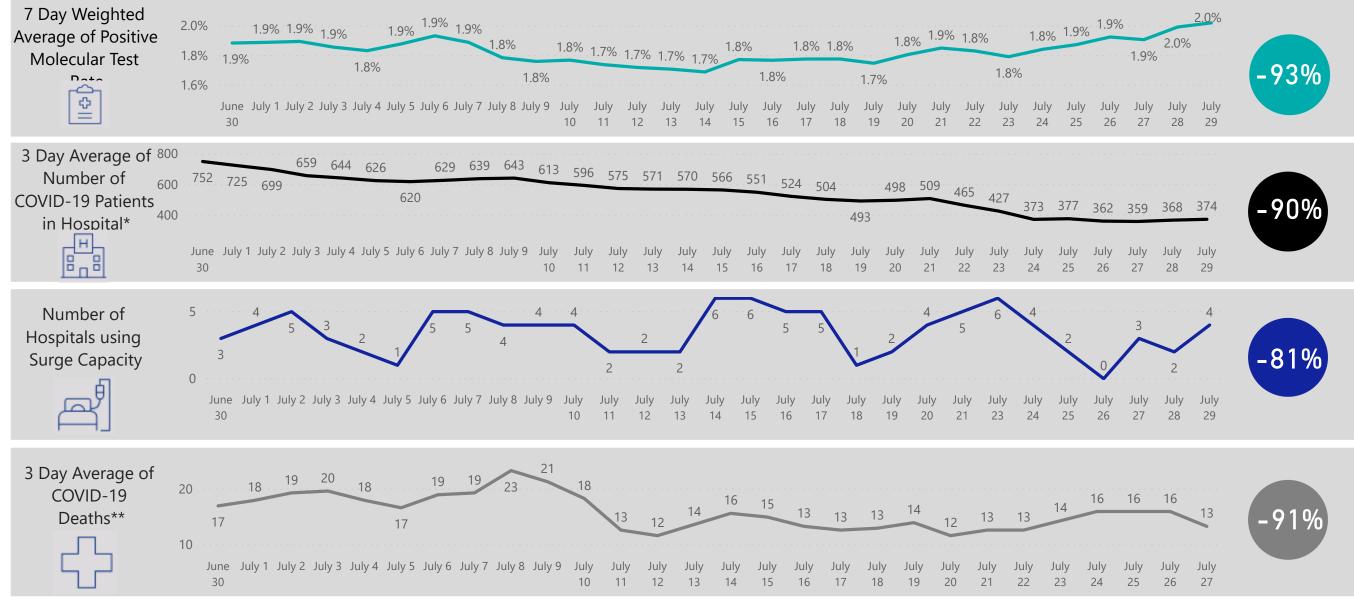


*PLEASE NOTE: A technical reporting error by a hospital group caused a delay in its laboratory test results being reported to DPH. These newly reported test results have been included in today's dashboard report and are reflected in today's case totals. However, these positive test results have been assigned retrospectively to the appropriate date of test.

The front page of the dashboard has been reformatted. Probable case and death information can be found on page 21. Antibody tests (individual and total numbers) can be found on page 7. For more information on the COVID-19 case definition, see https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01_COVID-19.pdf



Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 30, 2020 Dashboard of Public Health Indicators Percent Change Since April 15th



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

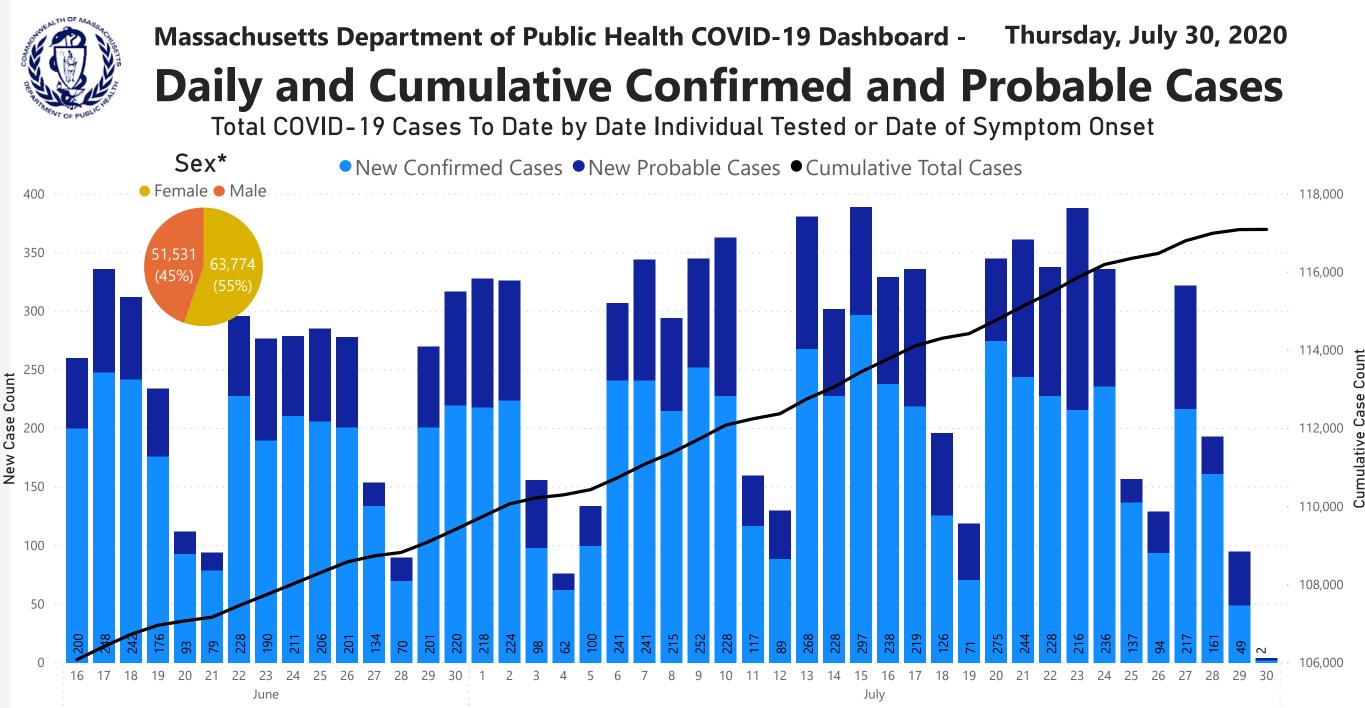
Note: Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. The third graph (number of hospitals using surge) does not include data from July 22 due to this transition. As a result, data may not be directly comparable to hospital data previously reported.



Thursday, July 30, 2020

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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.

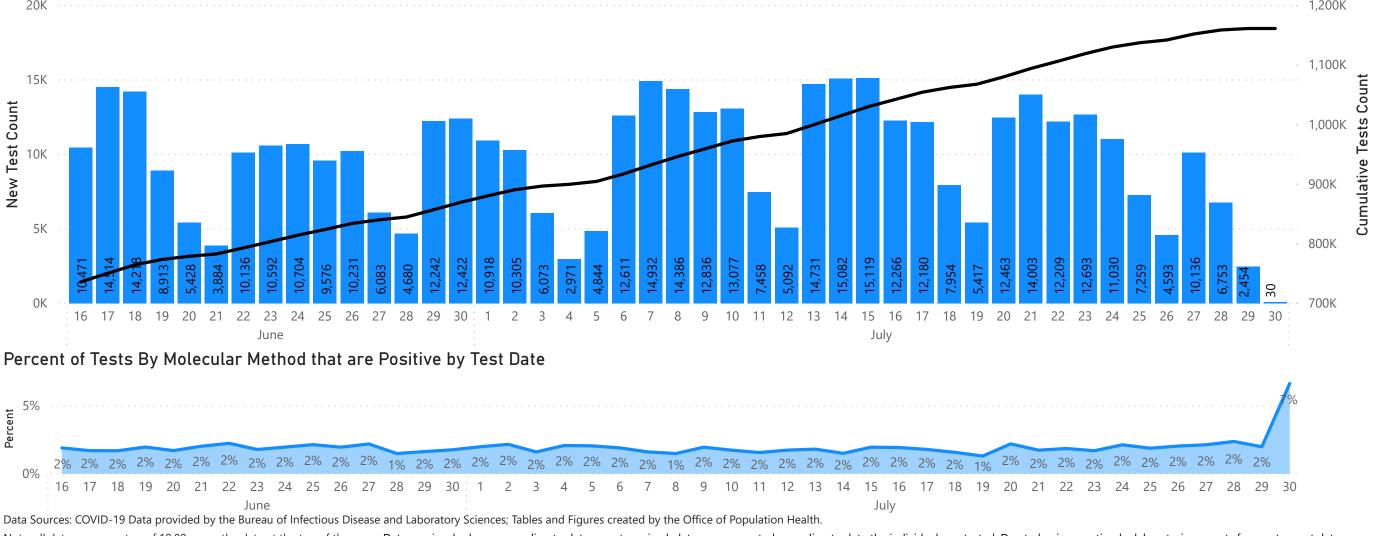
Note: all data are current as of 10:00am on the date at the top of the page; *Excludes unknown values. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Includes both confirmed and probable cases. Information on probable case counts and deaths may be found on page 21. A technical reporting error by a hospital group caused a delay in its laboratory test results being reported to DPH. These newly reported test results have been included in today's dashboard report and are reflected in today's case totals. However, these positive test results have been assigned retrospectively to the appropriate date of test.



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



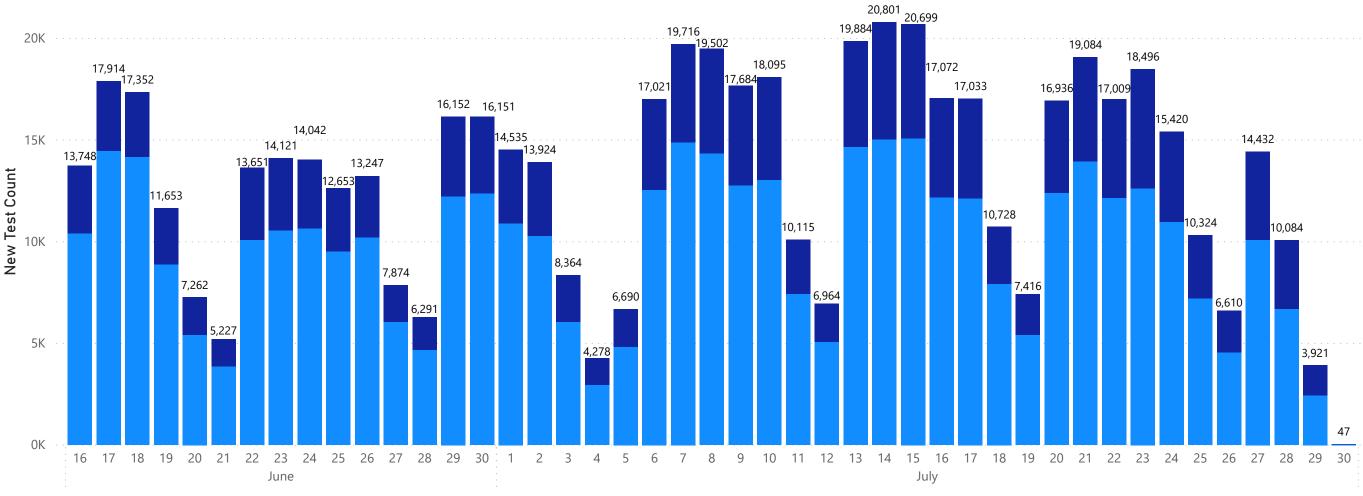
Note: all data are current as of 10:00am on the date at the top of the page. Data previously shown according to date report received; data now presented according to date the individual was tested. Due to lag in reporting by laboratories, counts for most recent dates are likely to be incomplete. Testing 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. A technical reporting error by a hospital group caused a delay in its laboratory test results being reported to DPH. These newly reported test results have been included in today's dashboard report and are reflected in today's case totals. However, these positive test results have been assigned retrospectively to the appropriate date of test.

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Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 30, 2020

Testing by Date - Molecular (Total Tests Conducted)

Total Number of Molecular Tests Performed by Date



• First Molecular Test Per Individual • Molecular Tests that are Repeated in Individuals

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. A technical reporting error by a hospital group caused a delay in its laboratory test results being reported to DPH. These newly reported test results have been included in today's dashboard report and are reflected in today's case totals. However, these positive test results have been assigned retrospectively to the appropriate date of test.



New Individuals Tested

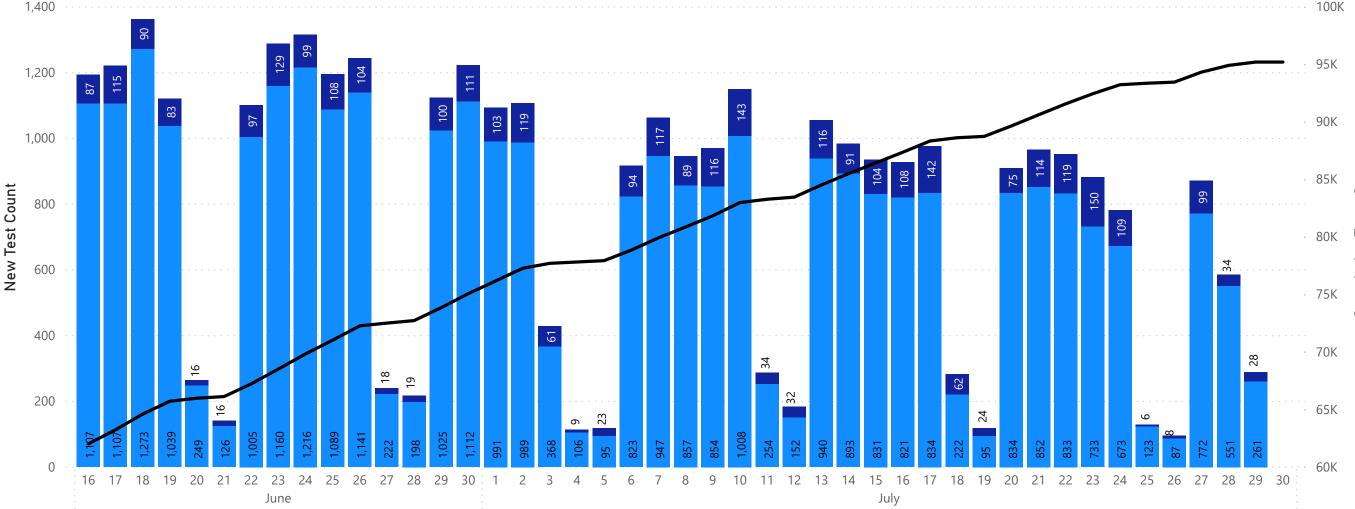
by Antibody Tests

869

Testing by Date - Antibody

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



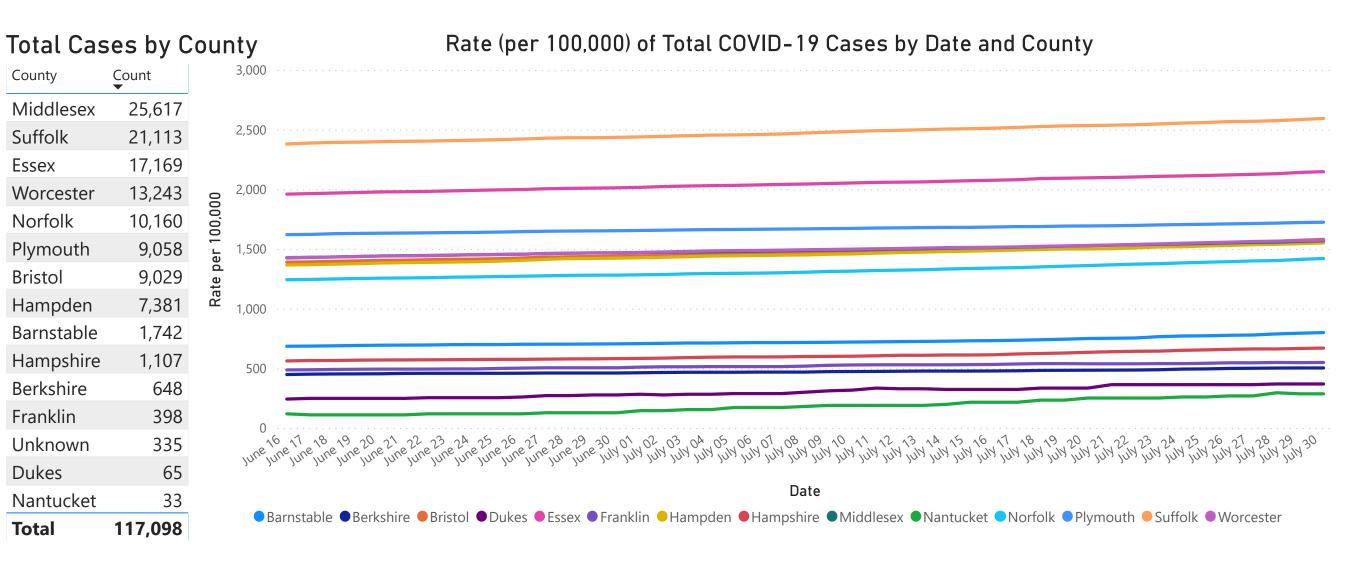
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health. Note: all data are current as of 10:00am on the date at the top of the page. Data previously shown according to date report received; data now 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. 7

Total Individuals Tested by Antibody Tests

95.217



Cases and Case Growth by County

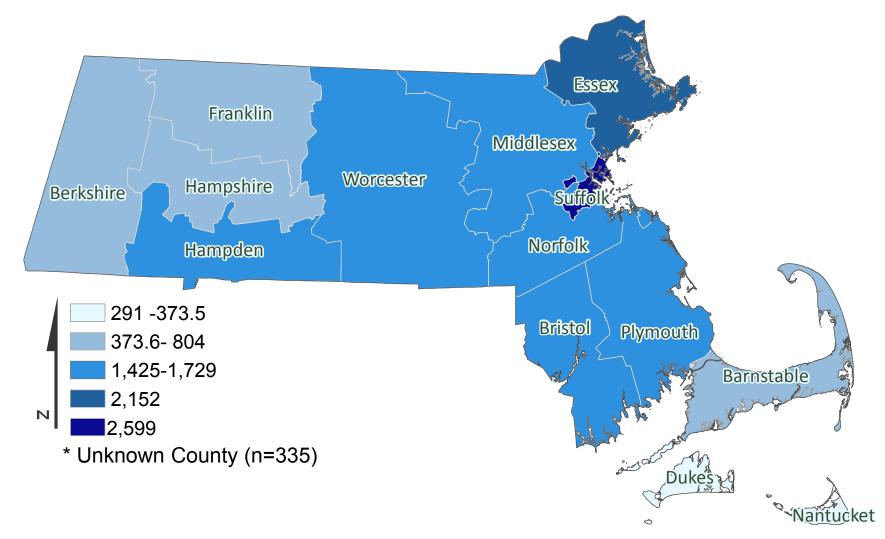


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health. 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, July 30, 2020 **Prevalence by County**

Rate (per 100,000) of Total COVID-19 Cases by County (n=117,098)*



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.

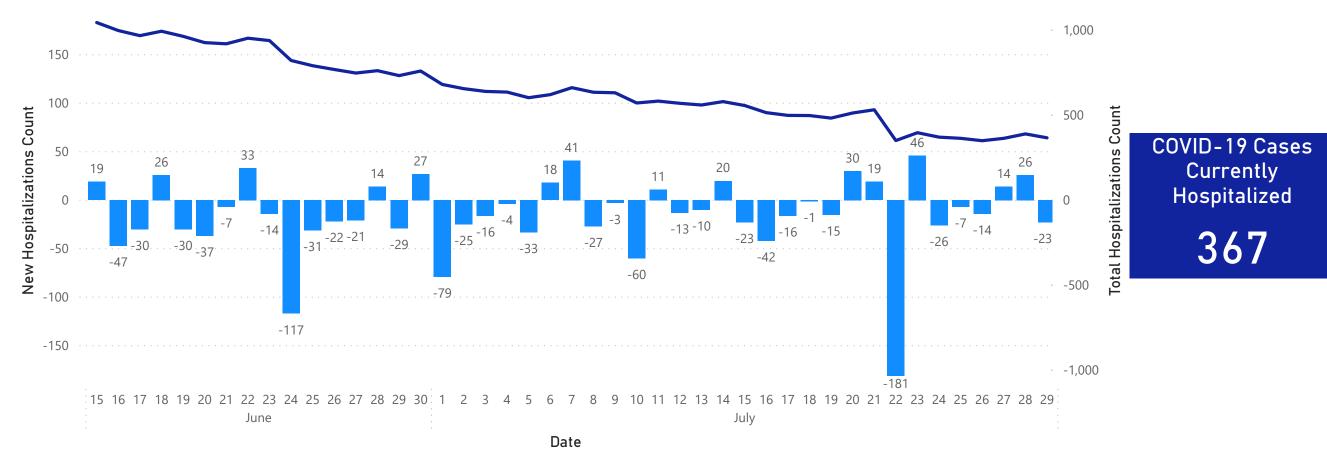
9



Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 30, 2020 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



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.

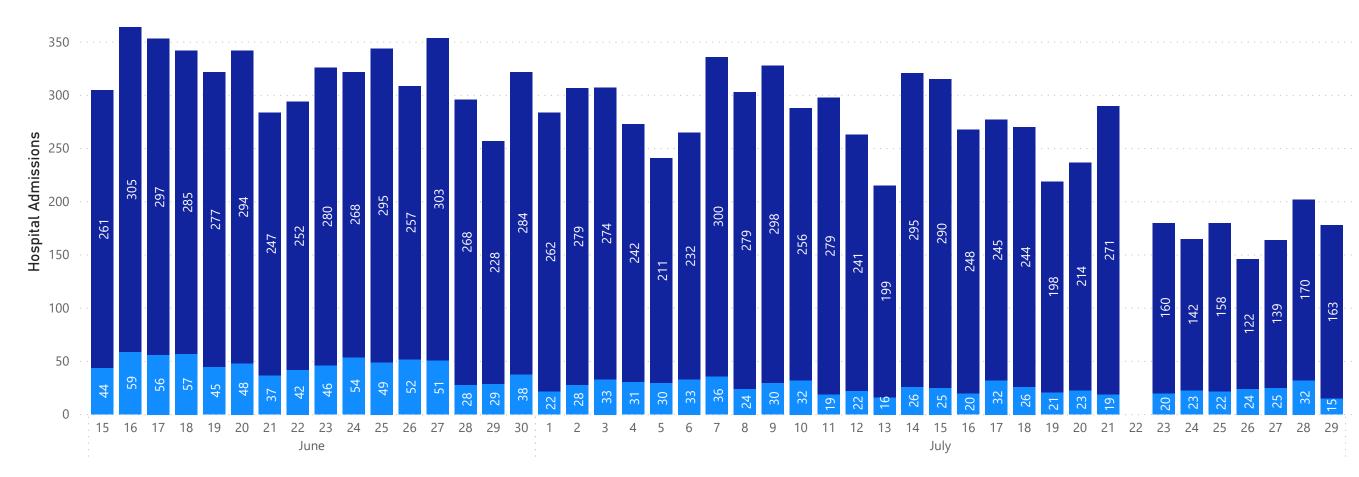
Notes: data are current as of 12:00pm on the date at the top of the page. Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. As a result, data may not be directly comparable to hospital data reported previously.



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



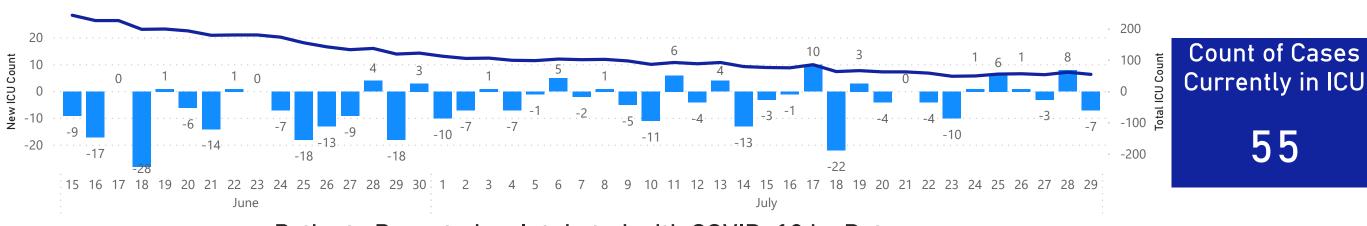
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health.

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. Hospital-reported data included here reflects a transition to new federal reporting standards imposed as of 7/22. The chart on this page does not include data from July 22 due to this transition. As a result, data may not be directly comparable to hospital data reported previously.



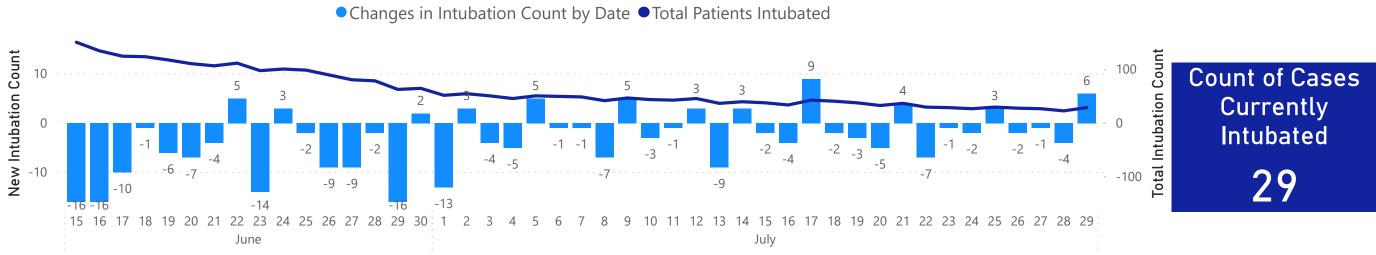
Daily and Cumulative COVID-19 ICU and Intubations

Patients Reported in ICU with COVID-19 by Date



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

Patients Reported as Intubated with COVID-19 by Date

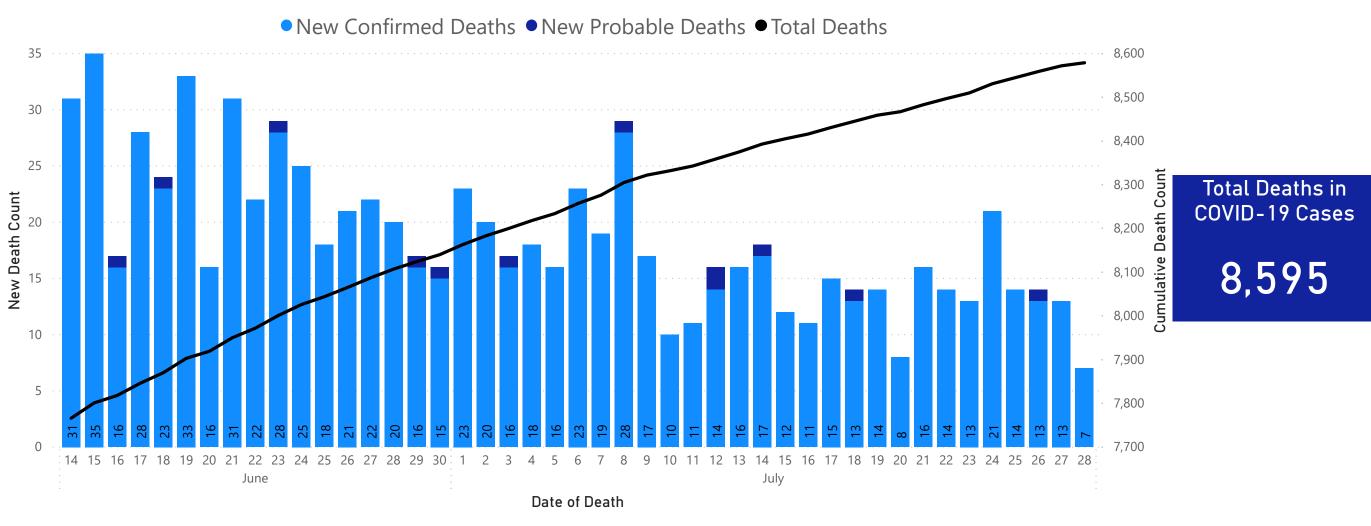


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health. Notes: data are current as of 12:00pm on the date at the top of the page.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

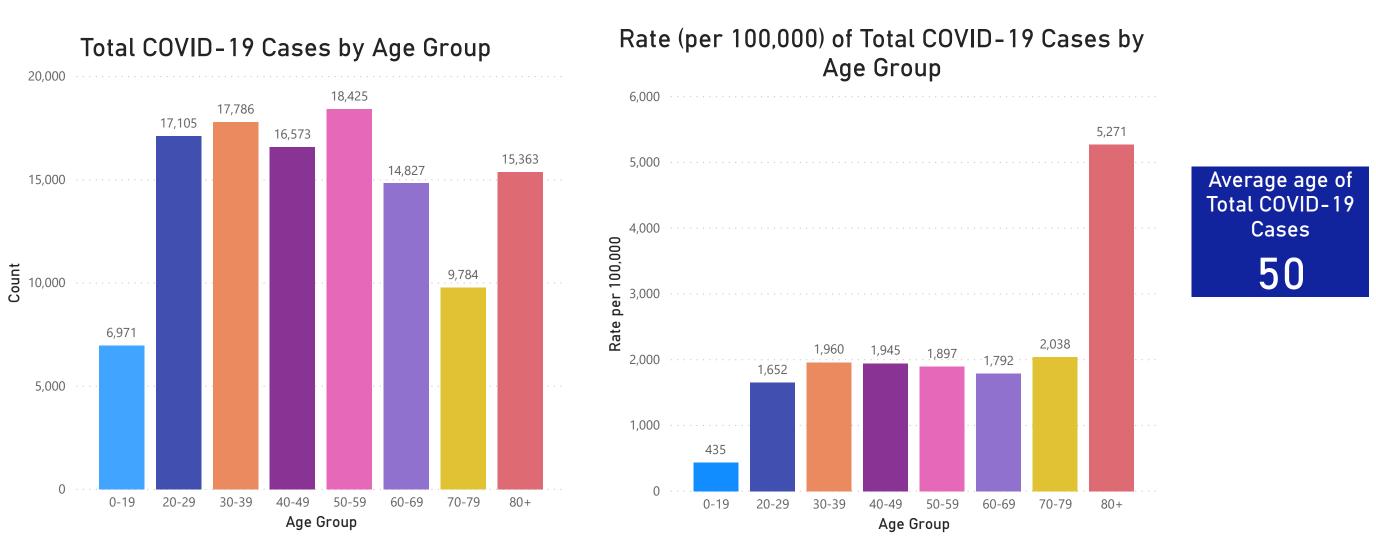
Total Deaths* in COVID-19 Cases by Date of Death



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



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.

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, July 30, 2020 Hospitalizations & Hospitalization Rate by Age Group

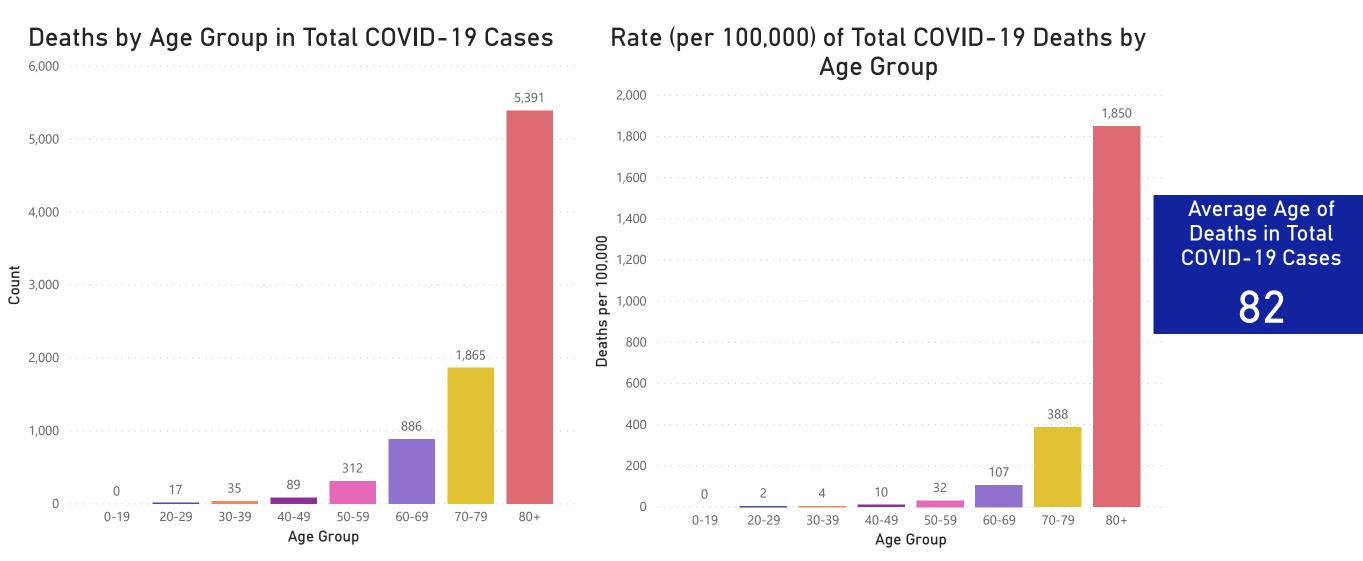
Rate (per 100,000) of Total COVID-19 Cases Total COVID-19 Cases Reported as Reported as Hospitalized* by Age Group Hospitalized* by Age Group 4,000 1,400 3,668 1,259 3.500 3.000 per 100,000 1.000 Average Age of Total 2,555 Cases Reported as 2,500 2,286 Hospitalized* Count Hospitalizations 2,000 68 1.540 532 1.500 1,000 853 276 563 200 .1.59 500 308 100 119 0-19 20-29 30-39 40-49 50-59 60-69 70-79 80+ 0-19 20-29 30-39 40-49 50-59 60-69 70-79 80+ Age Group 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 30, 2020 Massachusetts Department of Public Health COVID-19 Dashboard -**Deaths and Death Rate by Age Group**

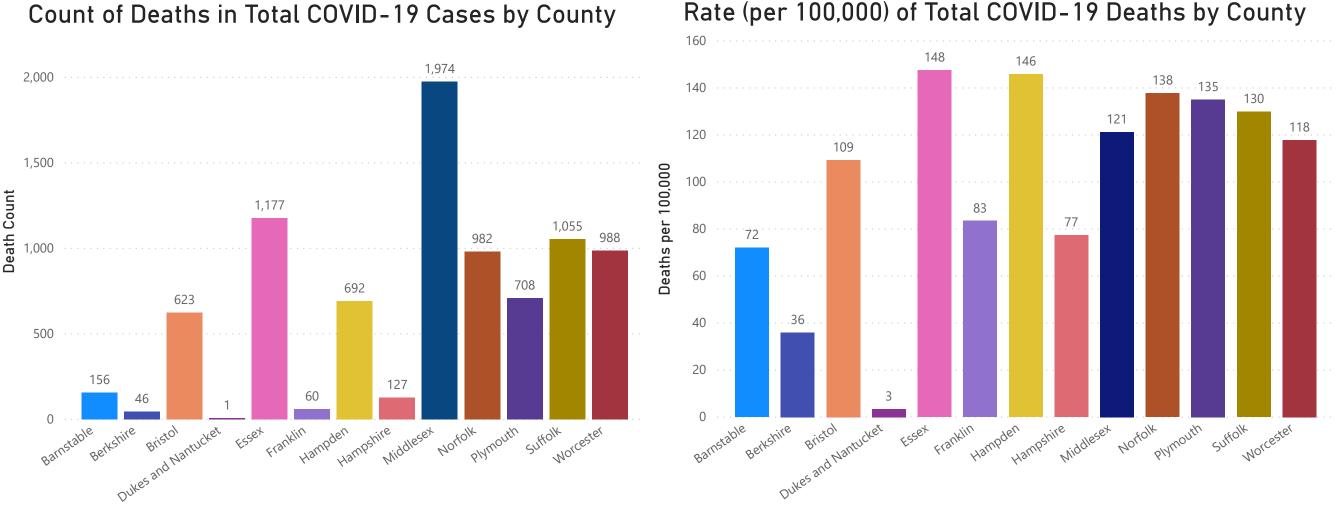


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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.



Thursday, July 30, 2020 Massachusetts Department of Public Health COVID-19 Dashboard -**Deaths and Death Rate by County**

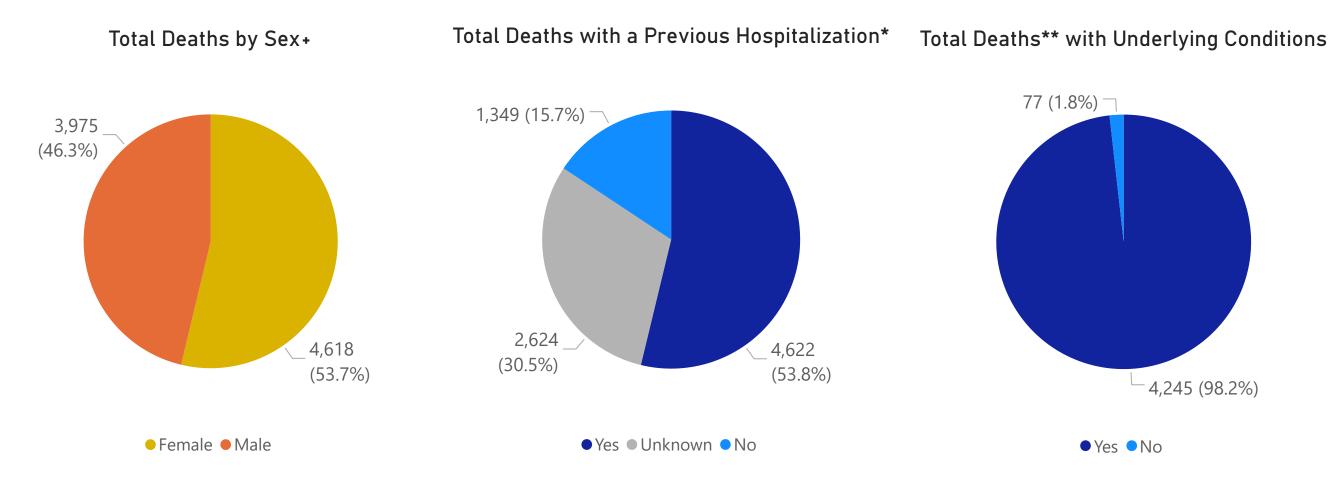


Count of Deaths in Total COVID-19 Cases by County

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. 17 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, July 30, 2020 Deaths by Sex, Previous Hospitalization, & 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.



Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 30, 2020 Cases, Hospitalizations, & Deaths by Race/Ethnicity

The following caveats apply to these data:

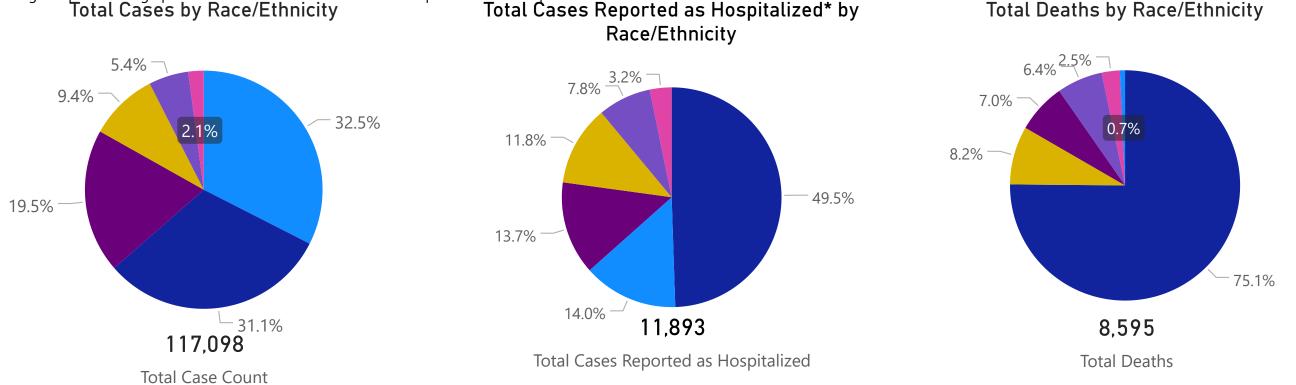
1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case.

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.



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.



Massachusetts Department of Public Health COVID-19 Dashboard -Thursday, July 30, 2020 **COVID-19 Cases in Long-Term Care (LTC) Facilities**

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

24,144

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

376

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

5.477

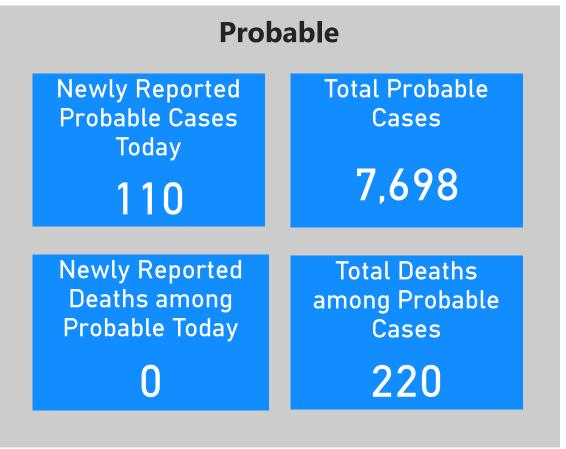
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health Note: all data are cumulative and current as of 10:00am on the date at the top of the page. Data includes nursing homes, skilled nursing facilities, and rest homes.



Massachusetts Department of Public Health COVID-19 Dashboard -

Thursday, July 30, 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 https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/Interim-20-ID-01_COVID-19.pdf

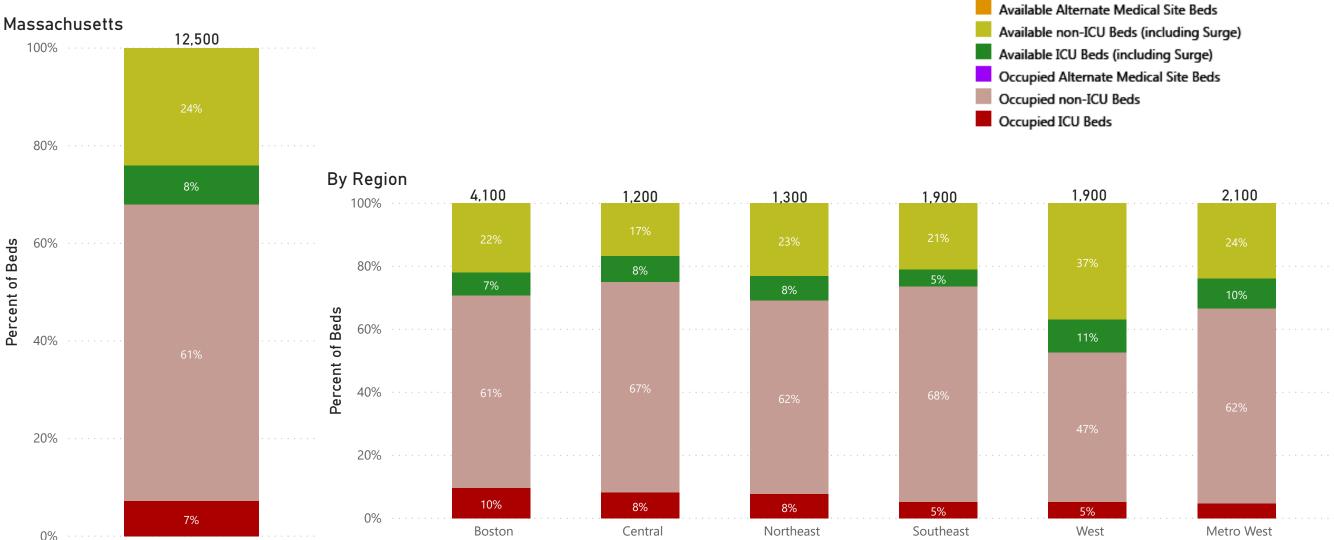
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, and the Registry of Vital Records and Statistics; Tables and Figures created by the Office of Population Health. Note: all data are current as of 10:00am.



Massachusetts Department of Public Health COVID-19 Dashboard -

Thursday, July 30, 2020

Total Hospital Capacity by Region



Occupancy/ availability as reported by hospitals to DPH.

Total

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.



Massachusetts Department of Public Health COVID-19 Dashboard - Th

Thursday, July 30, 2020

COVID Patient Census by Hospital (1/3)

Data collected as of 7/29/2020 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	2	0
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	1	0
Baystate Medical Center	Hampden	22	3
Baystate Noble Hospital	Hampden	0	0
Baystate Wing Hospital	Hampden	2	0
Berkshire Medical Center	Berkshire	0	0
Beth Israel Deaconess Hospital - Milton	Norfolk	10	2
Beth Israel Deaconess Hospital - Needham	Norfolk	9	1
Beth Israel Deaconess Hospital - Plymouth	Plymouth	13	3
Beth Israel Deaconess Medical Center	Suffolk	33	7
Beverly Hospital	Essex	8	1
Boston Childrens Hospital	Suffolk	6	1
Boston Medical Center	Suffolk	29	2
Brigham and Womens - Faulkner	Suffolk	9	0
Brigham and Womens Hospital	Suffolk	10	2
Brockton Hospital	Plymouth	5	0
Cambridge Hospital	Middlesex	5	0
Cape Cod Hospital	Barnstable	2	1
Carney Hospital	Suffolk	4	1
Clinton Hospital	Worcester	0	0
Cooley Dickinson Hospital	Hampshire	1	0

Occupancy/ availability as reported by hospitals to DPH.

*Specialty hospital data may be delayed and patient composition may vary.



Massachusetts Department of Public Health COVID-19 Dashboard - Thu

Thursday, July 30, 2020

COVID Patient Census by Hospital (2/3)

Data collected as of 7/29/2020 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	0	0
Fairview Hospital	Berkshire	0	0
Falmouth Hospital	Barnstable	0	0
Good Samaritan Medical Center	Plymouth	2	0
Harrington Hospital	Worcester	1	1
Health Alliance-Leominster	Worcester	2	1
Heywood Hospital	Worcester	0	0
Holy Family Hospital	Essex	3	0
Holyoke Hospital	Hampden	5	0
Lahey Hospital Burlington	Middlesex	10	1
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	12	3
Lowell General Hospital	Middlesex	3	1
Marlborough Hospital	Middlesex	0	0
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary	Suffolk	0	0
Massachusetts General Hospital	Suffolk	16	4
Melrose Wakefield Hospital	Middlesex	1	0
Mercy Medical Center	Hampden	10	1
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	5	0
MetroWest Medical Center Natick	Middlesex	1	1

Occupancy/ availability as reported by hospitals to DPH.

*Specialty hospital data may be delayed and patient composition may vary.



Massachusetts Department of Public Health COVID-19 Dashboard - Thu

Thursday, July 30, 2020

COVID Patient Census by Hospital (3/3)

Data collected as of 7/29/2020 5:00pm

lospital Name	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Ailford Regional Medical Center	Worcester	5	2
Norton Hospital	Bristol	1	1
Nount Auburn Hospital	Middlesex	7	2
Vantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	0	0
Newton-Wellesley Hospital	Middlesex	9	1
North Shore Medical Center Salem	Essex	5	0
Norwood Hospital	Norfolk	0	0
Saint Vincent Hospital	Worcester	4	0
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	18	0
Southcoast Charlton Memorial Hospital	Bristol	8	1
St Annes Hospital	Bristol	3	0
t Elizabeths Medical Center	Suffolk	2	0
St Lukes Hospital	Bristol	2	0
Sturdy Memorial Hospital	Bristol	5	1
obey Hospital	Plymouth	3	0
ufts Medical Center	Suffolk	19	3
JMass Memorial-Memorial Campus	Worcester	11	2
JMass Memorial-University Campus	Worcester	7	4
Vinchester Hospital	Middlesex	16	1

Occupancy/ availability as reported by hospitals to DPH.

*Specialty hospital data may be delayed and patient composition may vary.



Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, July 30, 2020 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 <u>https://www.mass.gov/guides/doc-coronavirus-information-guide</u> and on the dashboard website: <u>https://www.mass.gov/info-details/covid-19-response-reporting</u> under "Additional COVID-19 data."

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

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