



Dashboard of Public Health Indicators

Newly Reported Confirmed Cases Today
216

Total Confirmed Cases
106,487

Newly Reported Deaths among Confirmed Today
21

Total Deaths among Confirmed Cases
8,184

New Individuals Tested by Molecular Tests
12,821

Total Individuals Tested by Molecular Tests
1,008,195

Total Molecular Tests Administered
1,293,162

Legend

- Positive trend
- In progress
- Negative trend

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	●



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

Friday, July 17, 2020

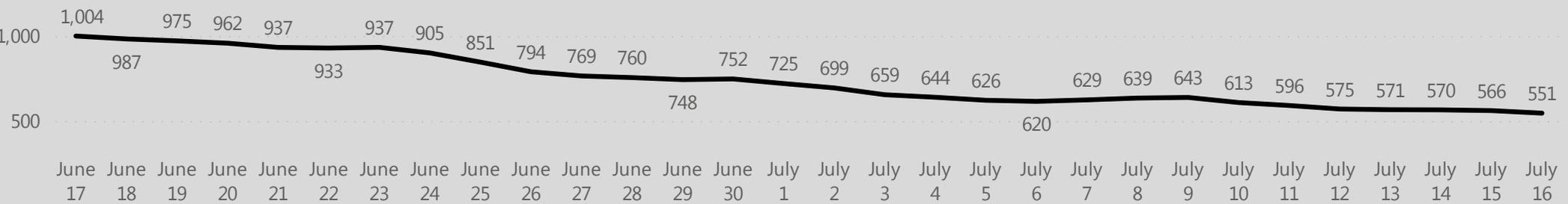
Percent Change Since
April 15th

7 Day Weighted
Average of Positive
Molecular Test Rate



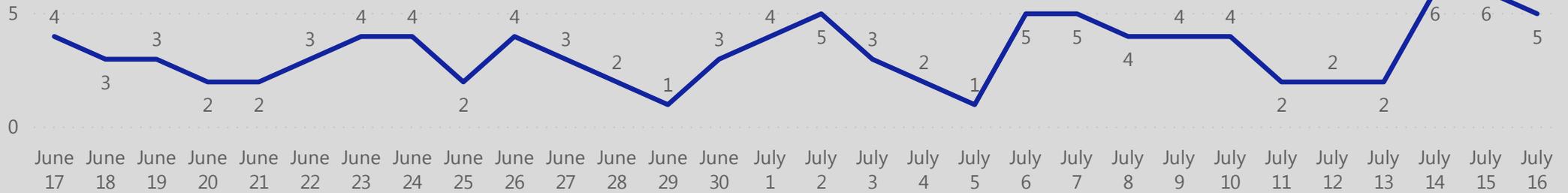
-94 %

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



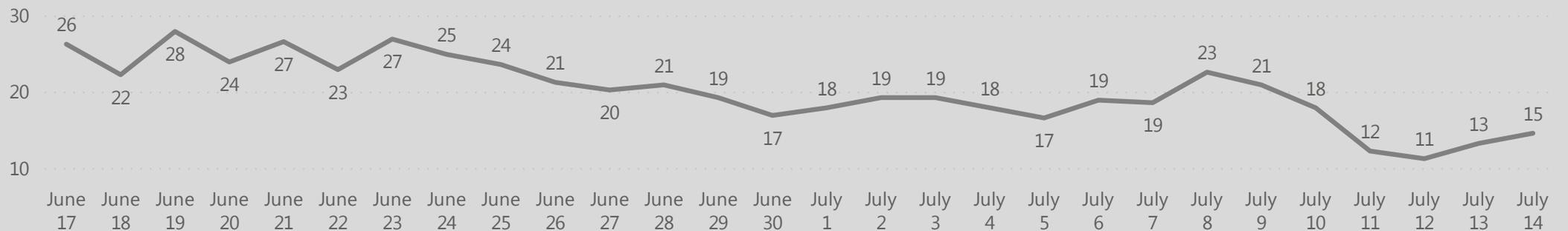
-85 %

Number of
Hospitals using
Surge Capacity



-76 %

3 Day Average of
COVID-19
Deaths**



-90 %

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



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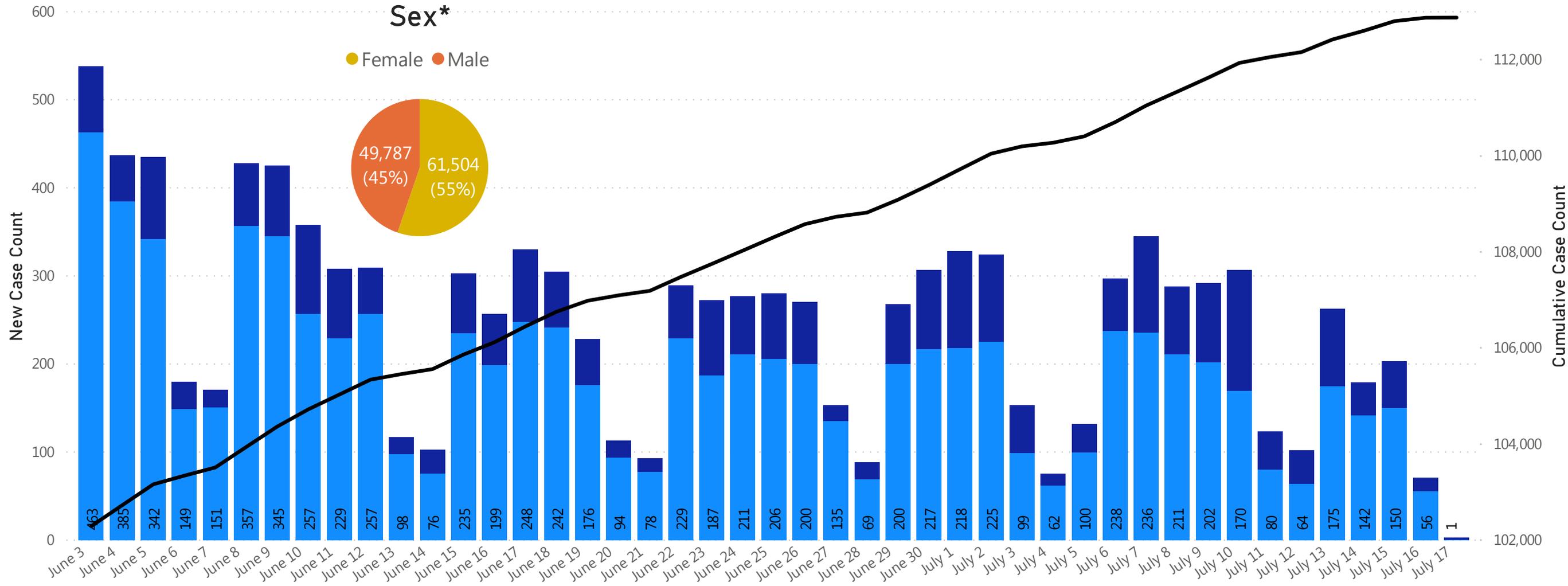
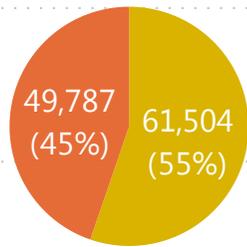
Daily and Cumulative Confirmed and Probable Cases

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

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

Sex*

● Female ● Male

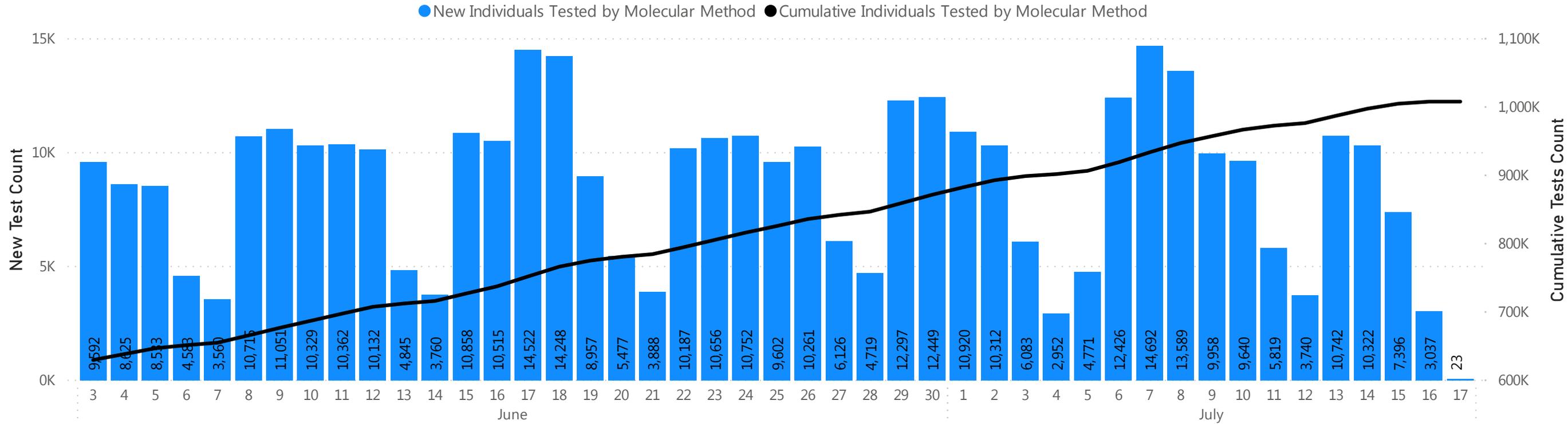


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.
 Note: all data are current as of 10:00am on the date at the top of the page; *Excludes unknown values. Data previously shown according to date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

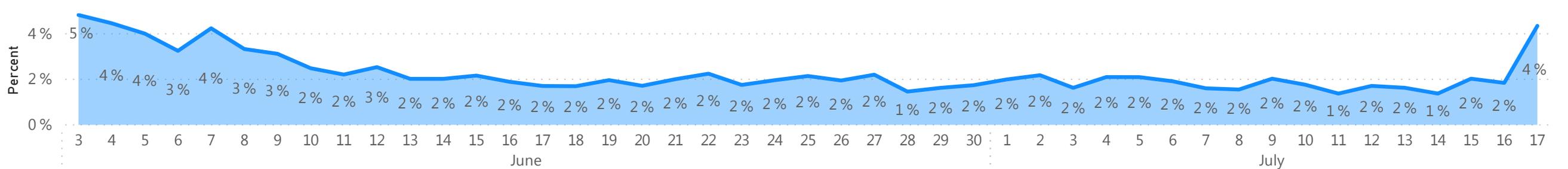


Testing by Date - Molecular (Individuals)

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



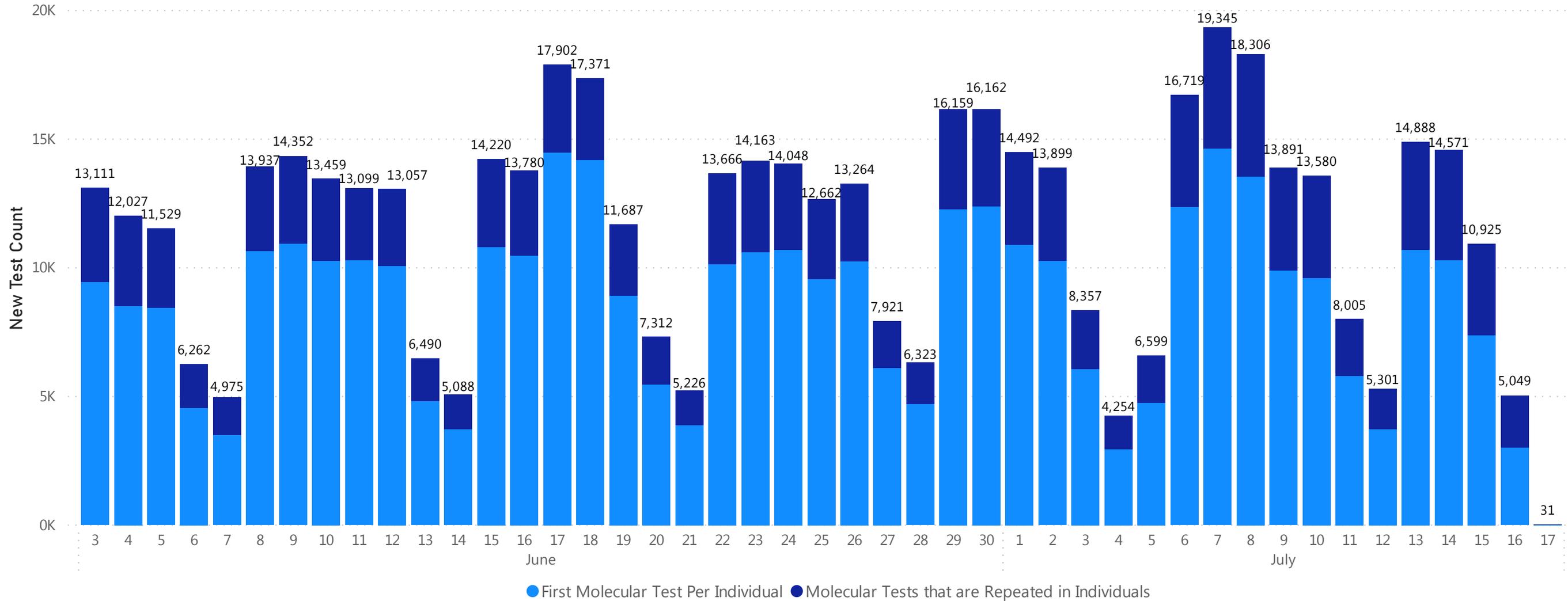
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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.



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.



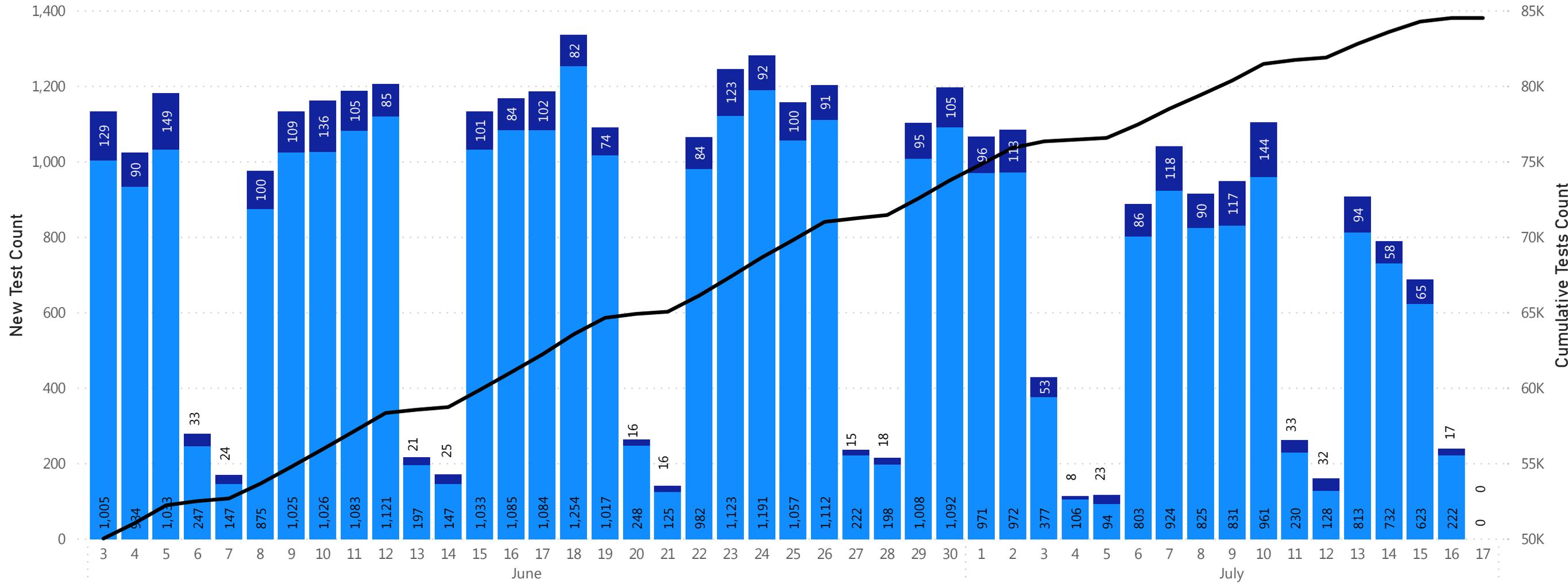
Testing by Date - Antibody

New Individuals Tested by Antibody Tests
941

Total Individuals Tested by Antibody Tests
84,539

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.

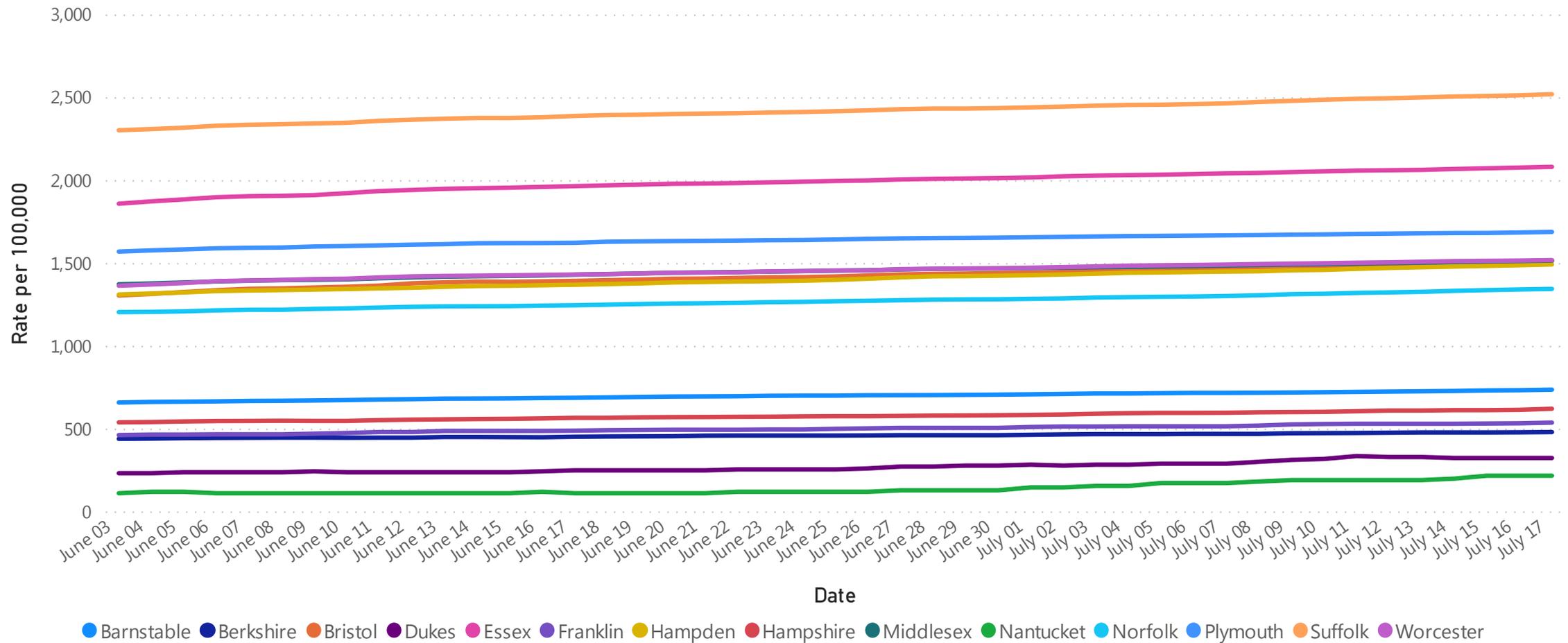


Cases and Case Growth by County

Total Cases by County

County	Count
Middlesex	24,738
Suffolk	20,499
Essex	16,632
Worcester	12,762
Norfolk	9,612
Plymouth	8,865
Bristol	8,637
Hampden	7,100
Barnstable	1,603
Hampshire	1,026
Berkshire	618
Franklin	389
Unknown	316
Dukes	57
Nantucket	25
Total	112,879

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

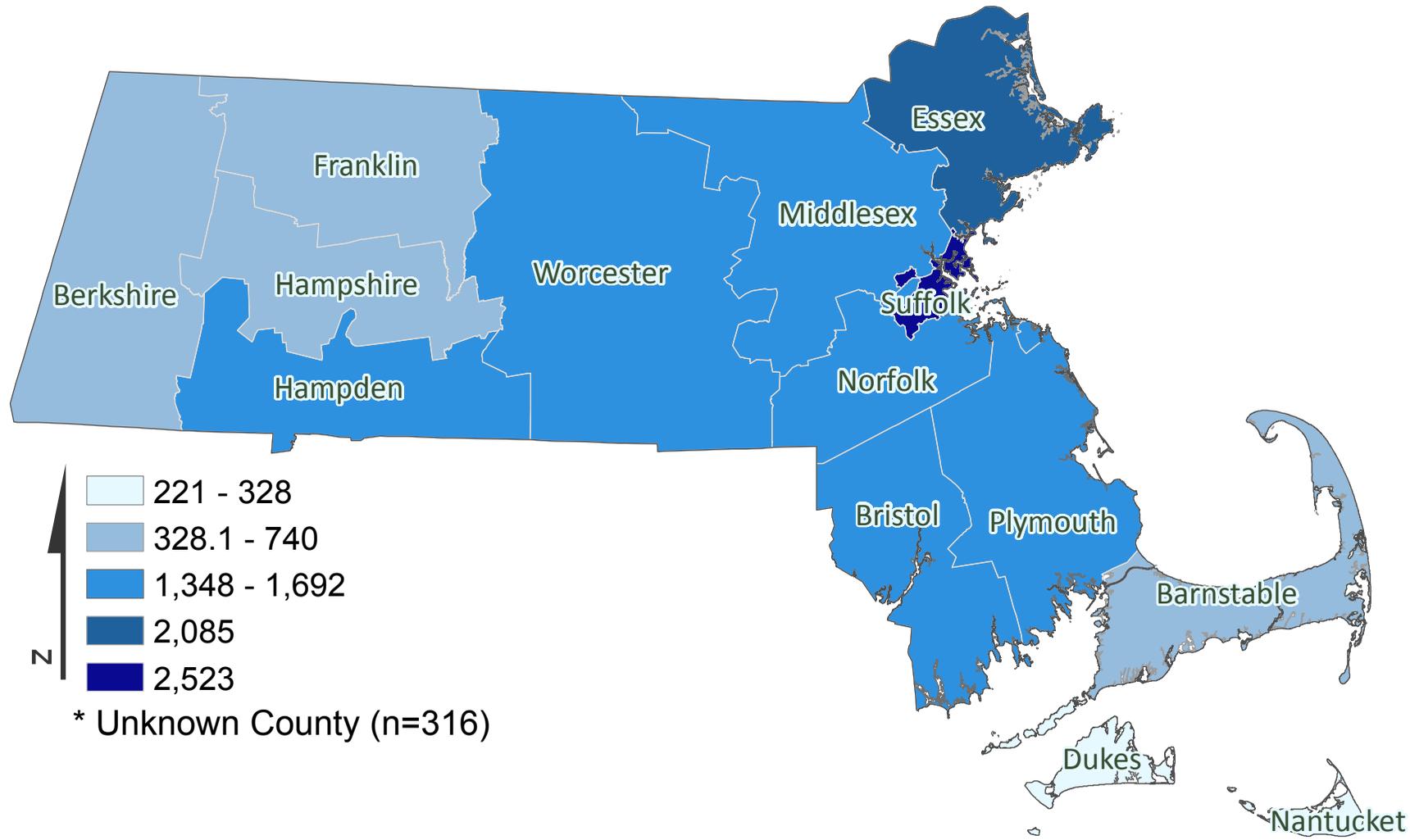


Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the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



Prevalence by County

Rate (per 100,000) of Total COVID-19 Cases by County (n=112,897)*

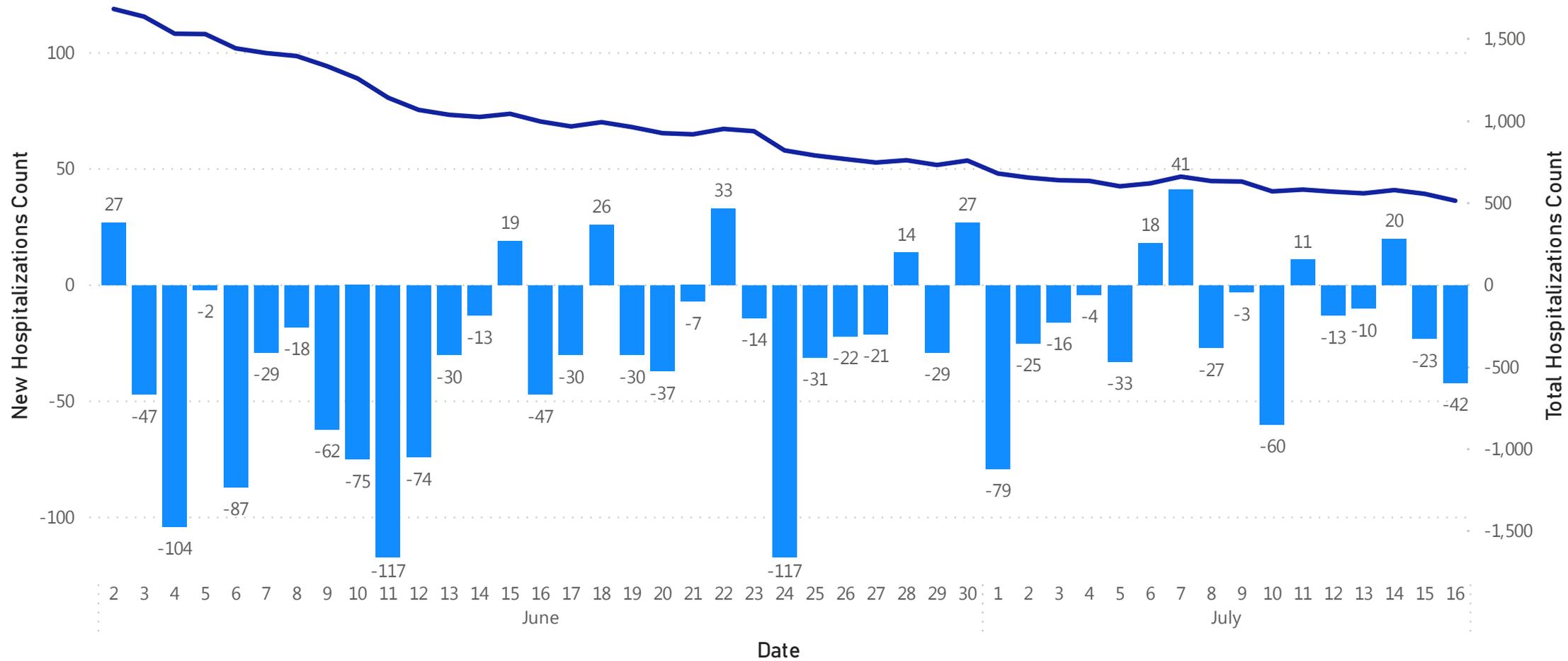




Daily and Cumulative COVID-19 Hospitalizations

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**

515

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.

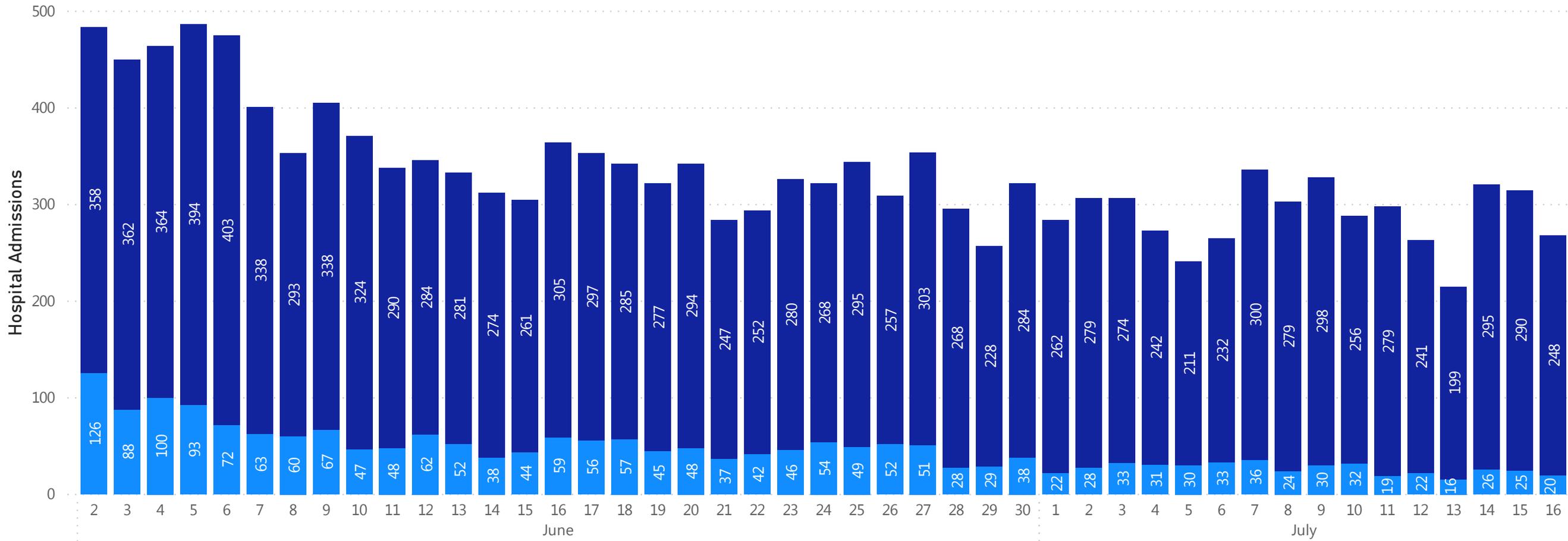
Notes: data are current as of 12:00pm on the date at the top of the page.



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.

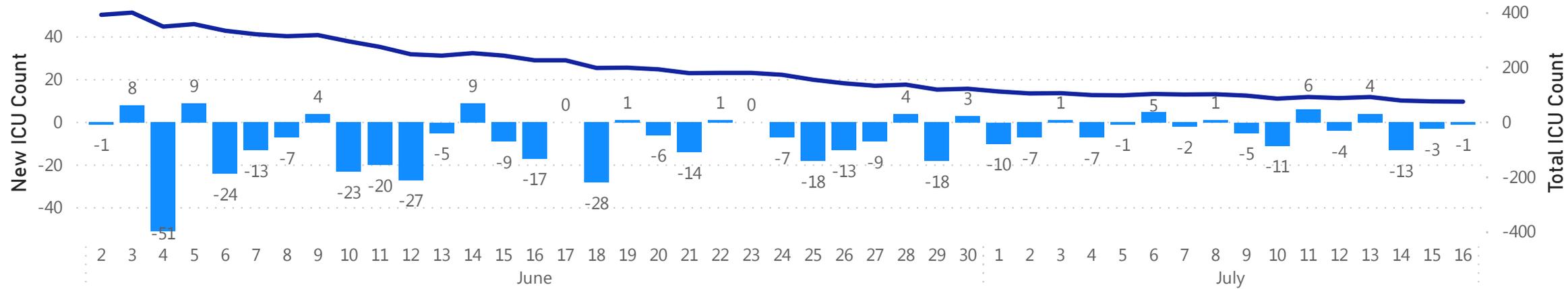
Notes: data are current as of 12:00pm on the date at the top of the page. For purposes of this reporting, "confirmed" are cases with a PCR test. "Suspected" are those with symptoms who have not had a test result yet.



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

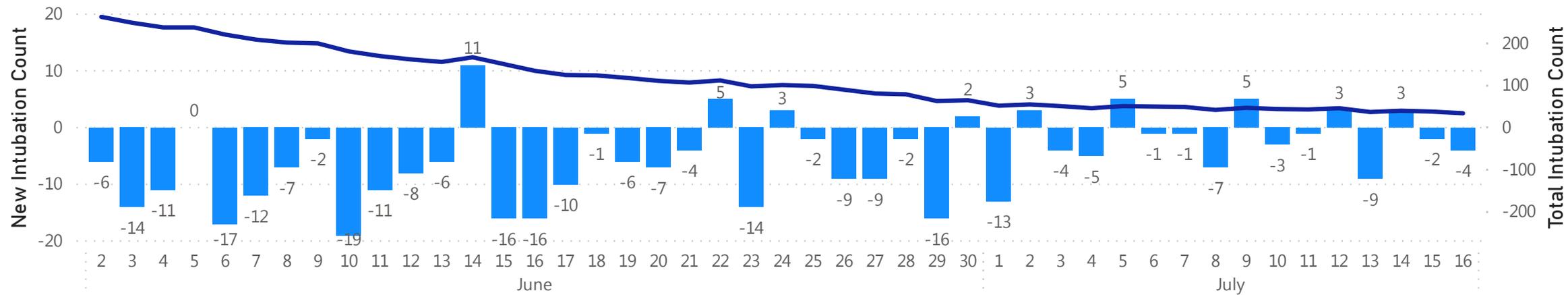


Count of Cases Currently in ICU

76

Patients Reported as Intubated with COVID-19 by Date

● Changes in Intubation Count by Date ● Total Patients Intubated



Count of Cases Currently Intubated

34

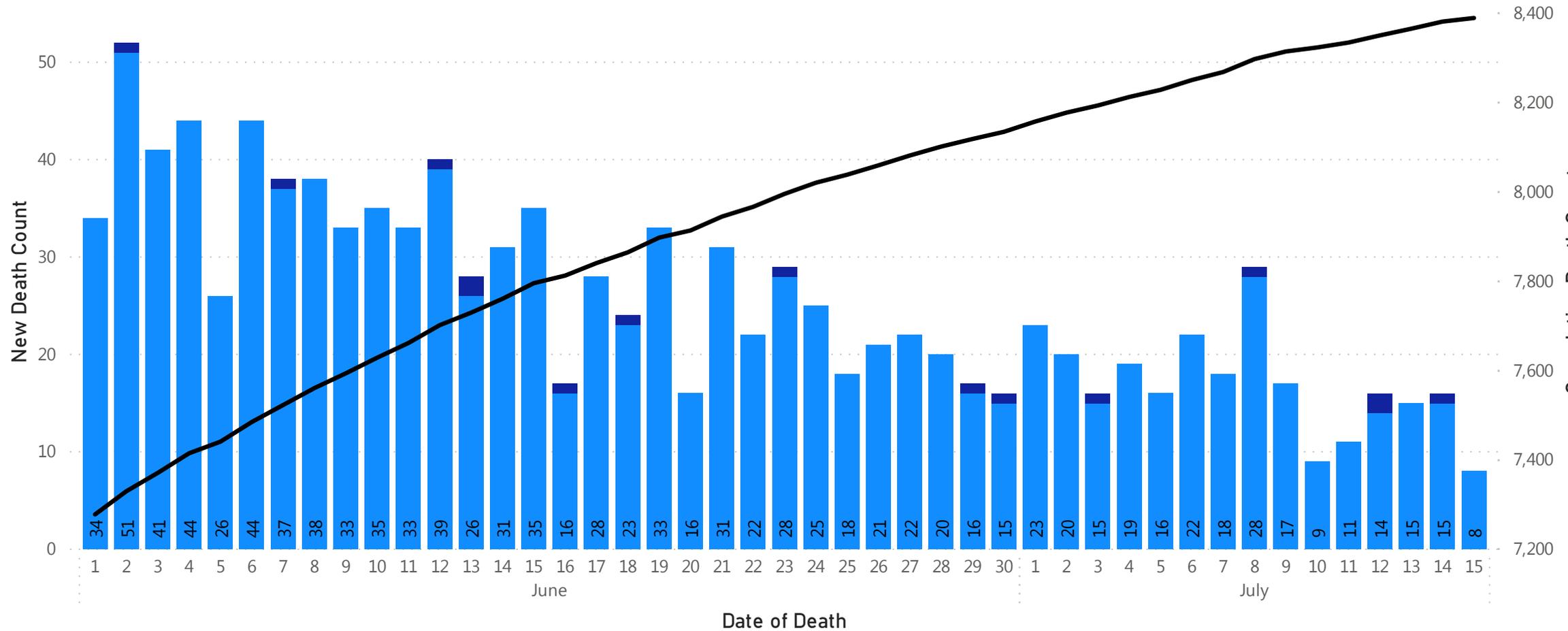
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and MDPH survey of hospitals (hospital survey data are self-reported); Tables and Figures created by the Office of Population Health. Notes: data are current as of 12:00pm on the date at the top of the page.



Daily and Cumulative Deaths

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

● New Confirmed Deaths ● New Probable Deaths ● Total Deaths



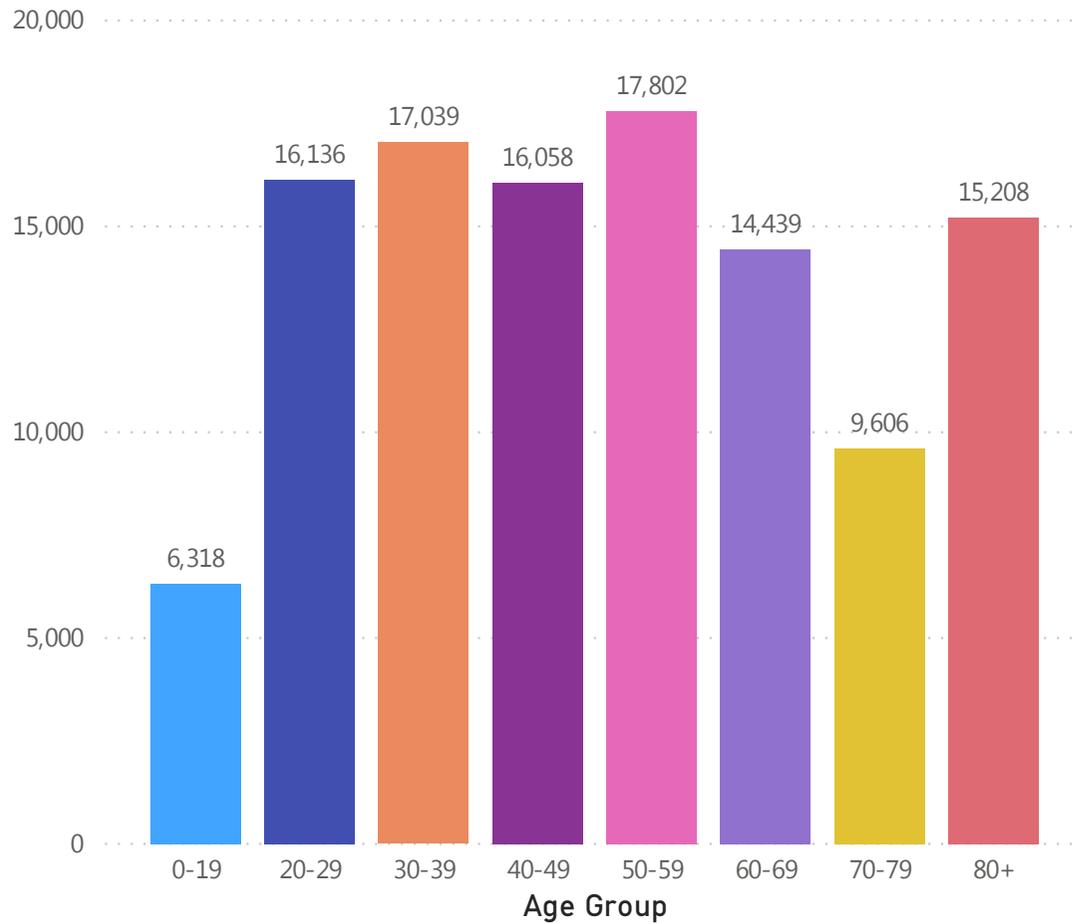
Total Deaths in COVID-19 Cases
8,402

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.

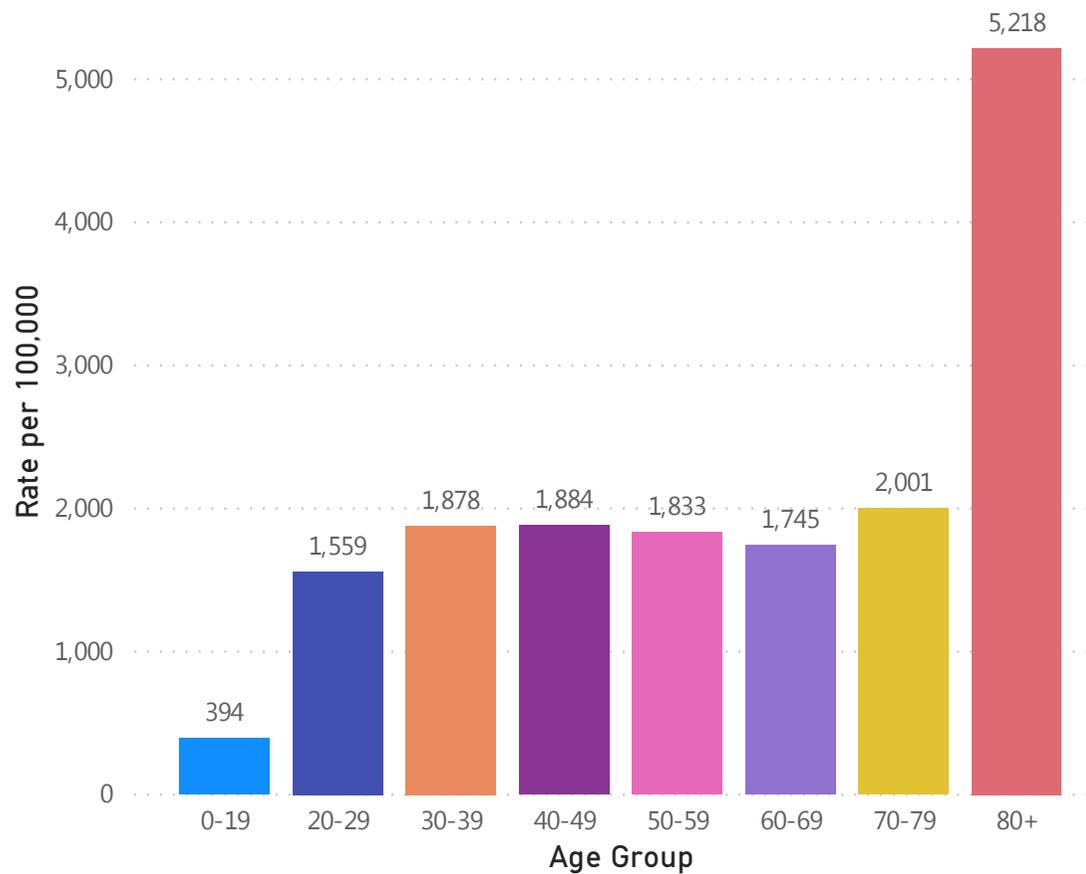


Cases and Case Rate by Age Group

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
51

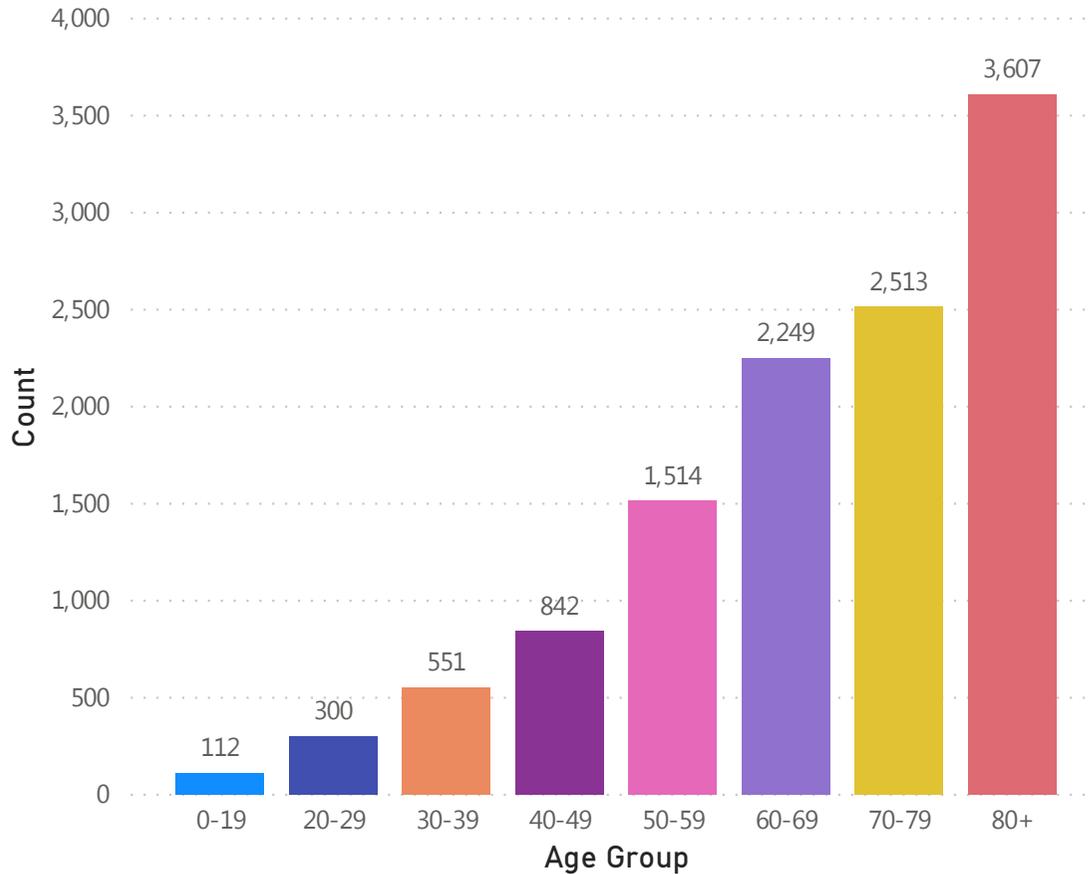
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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.

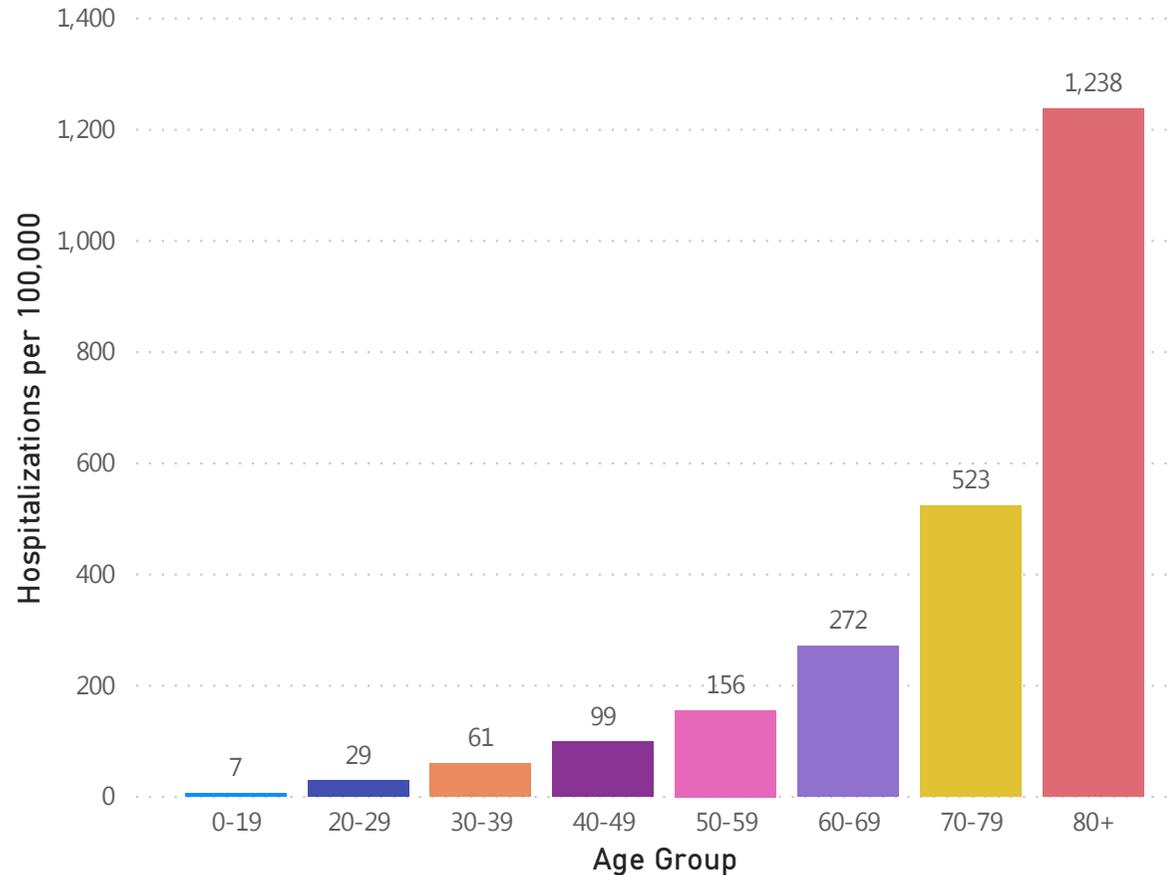


Hospitalizations & Hospitalization Rate by Age Group

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

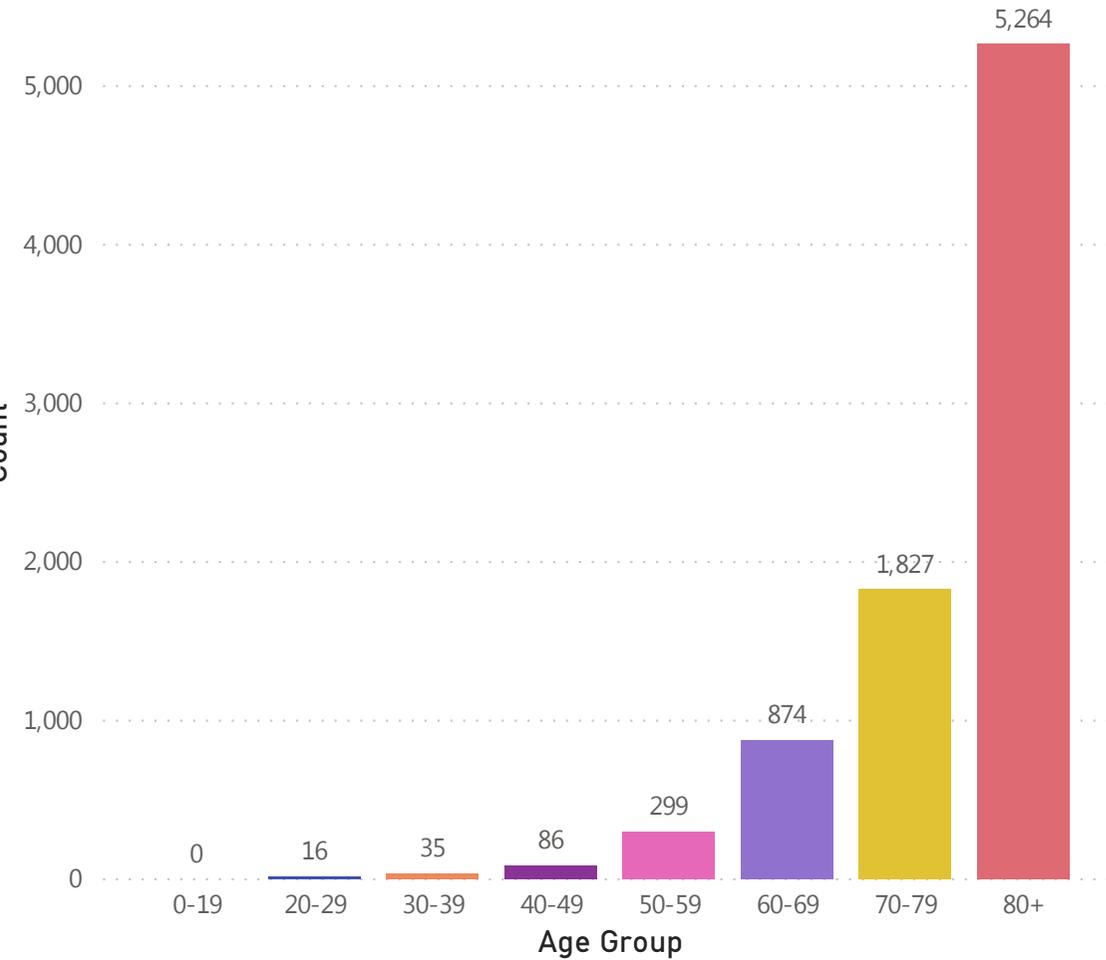
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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. ¹⁵

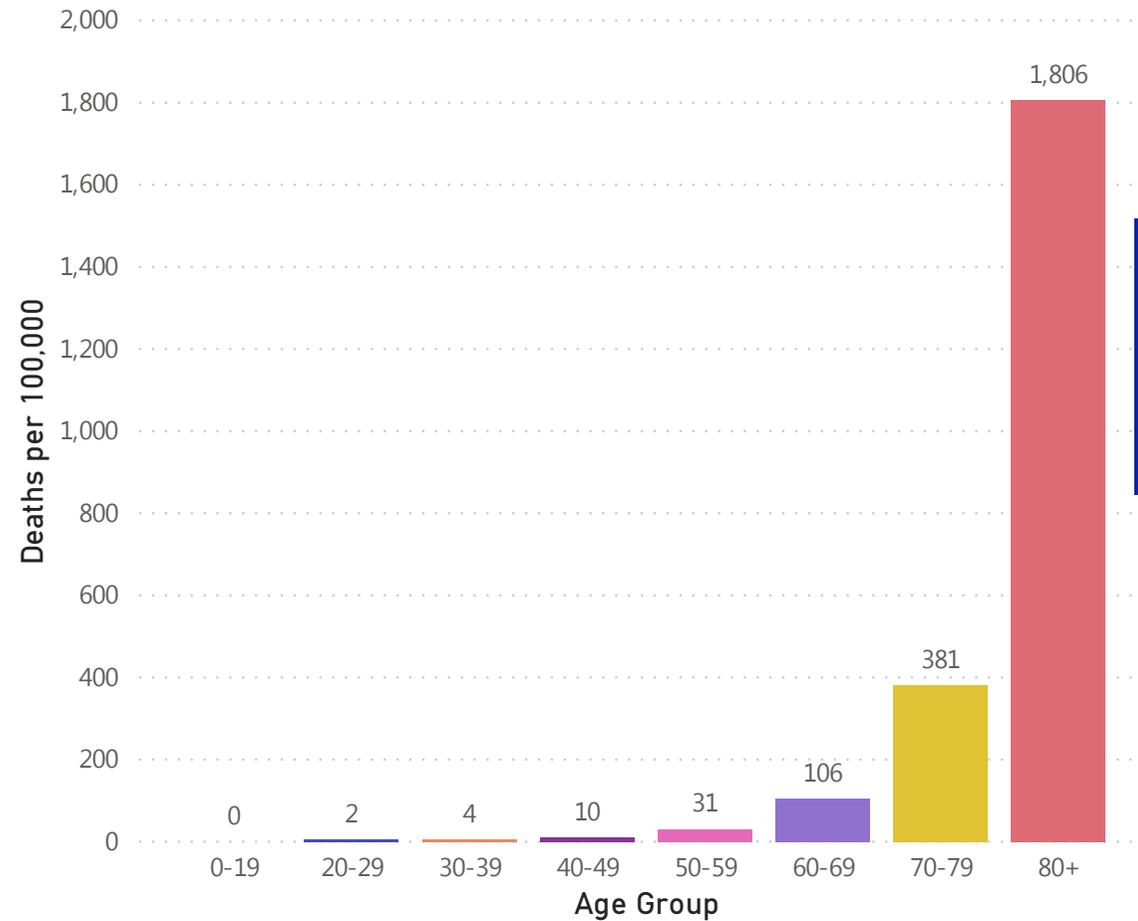


Deaths and Death Rate by Age Group

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

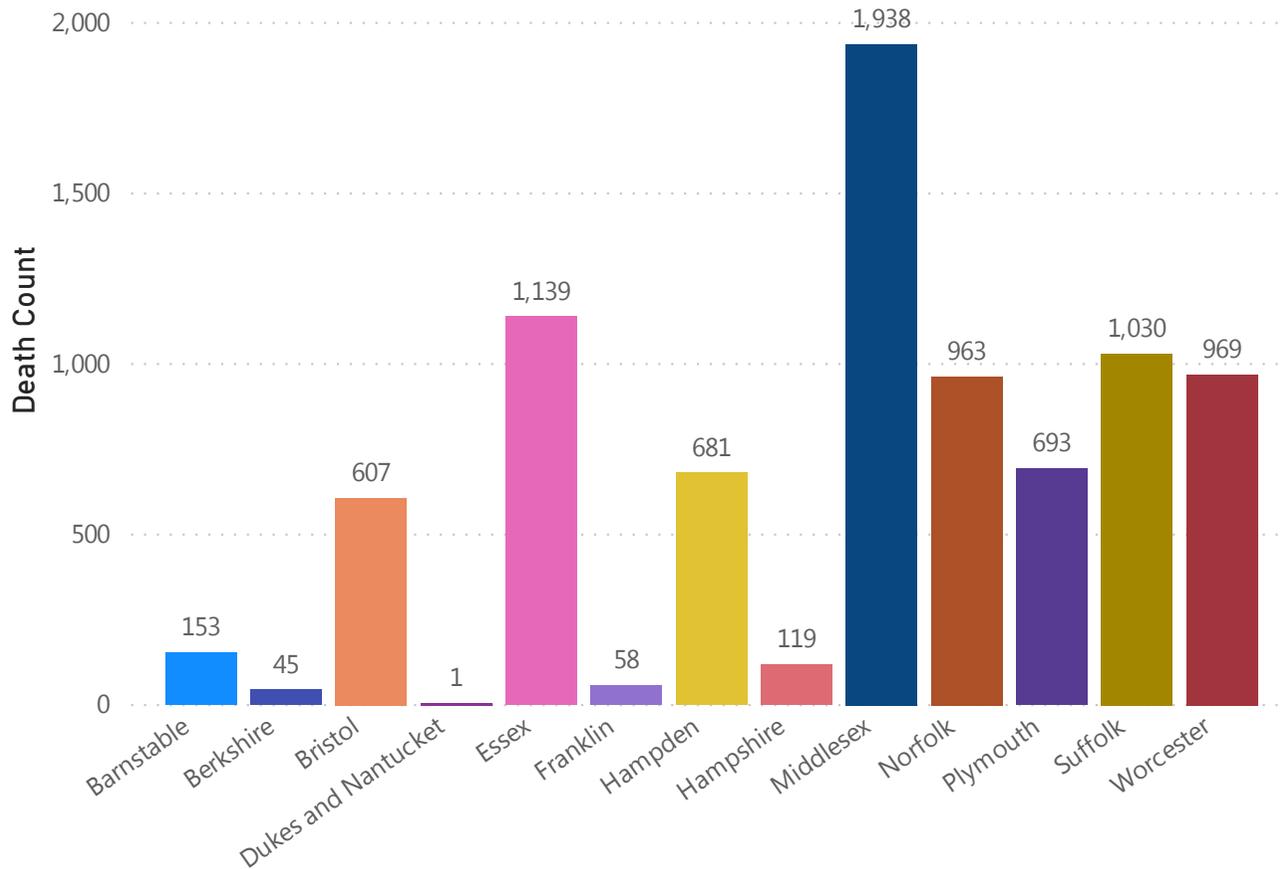
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018; Tables and Figures created by the Office of Population Health.

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.

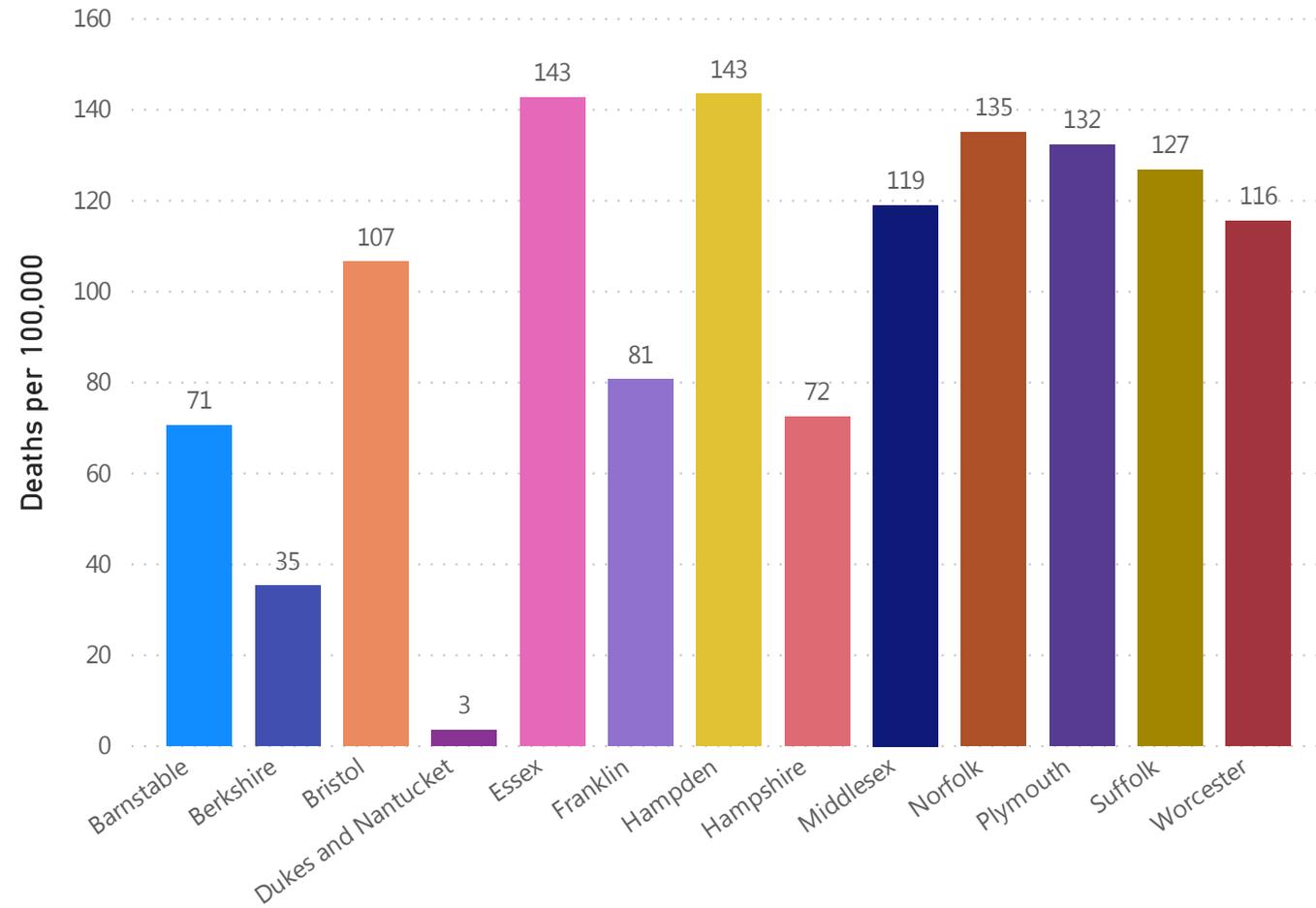


Deaths and Death Rate by County

Count of Deaths in Total COVID-19 Cases by County



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



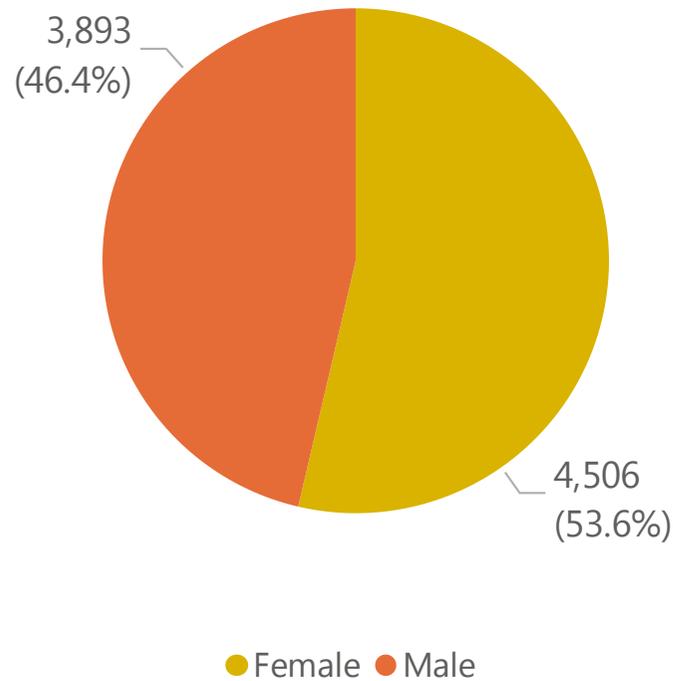
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the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

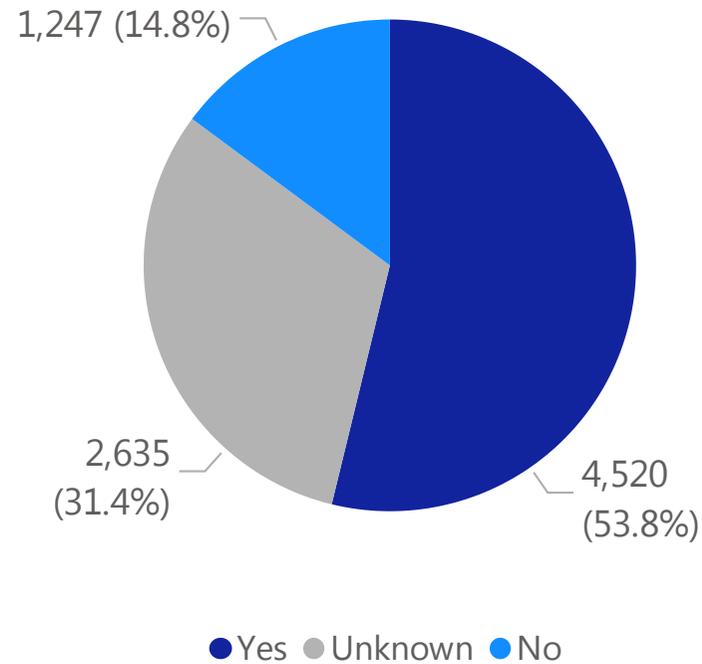


Deaths by Sex, Previous Hospitalization, & Underlying Conditions

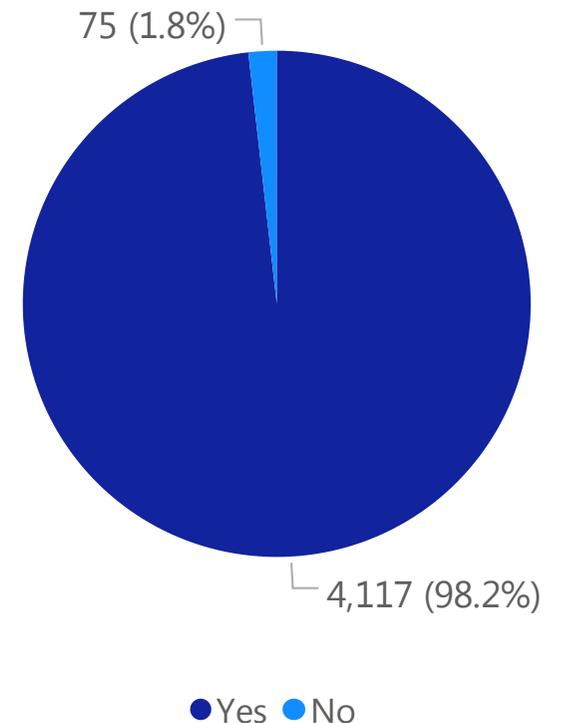
Total Deaths by Sex+



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.



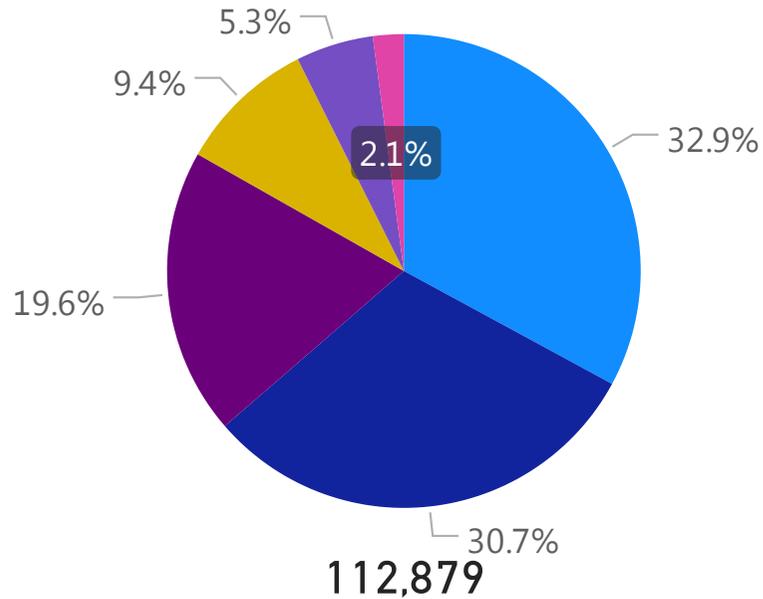
Cases, Hospitalizations, & Deaths by Race/Ethnicity

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.

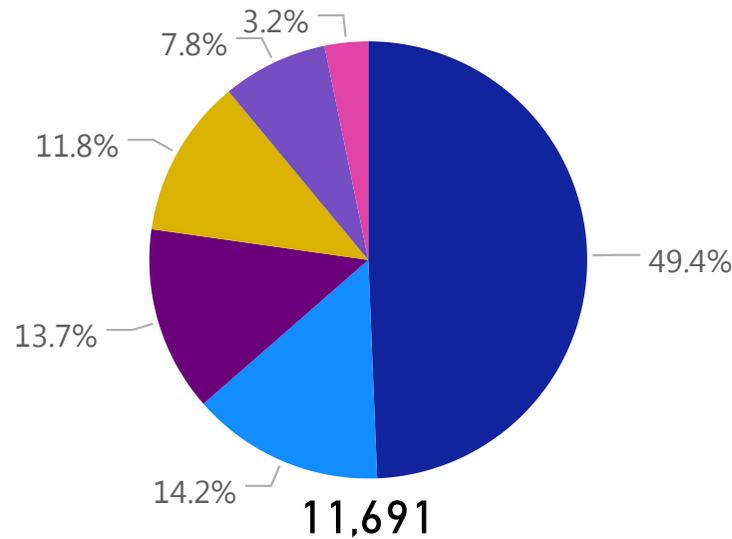
Note: COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Department of Public Health is working with these organizations and to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling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



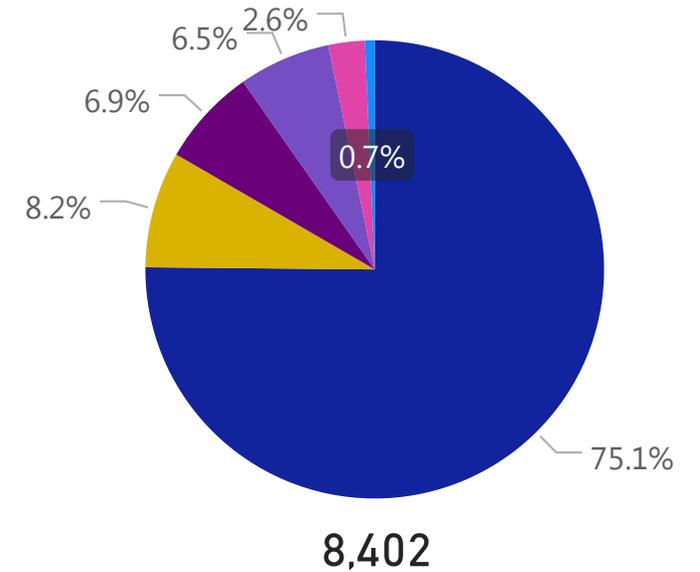
Total Case Count

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

23,793

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

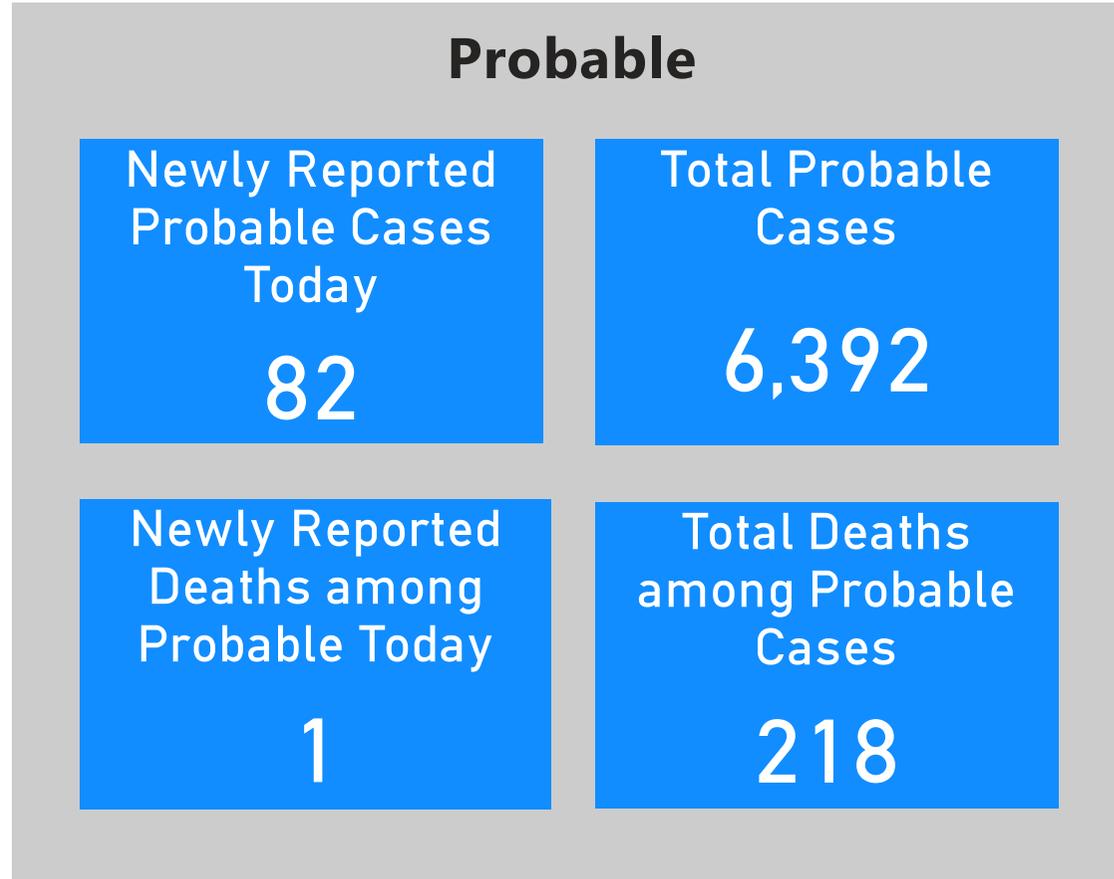
368

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

5,328



Probable Case Information



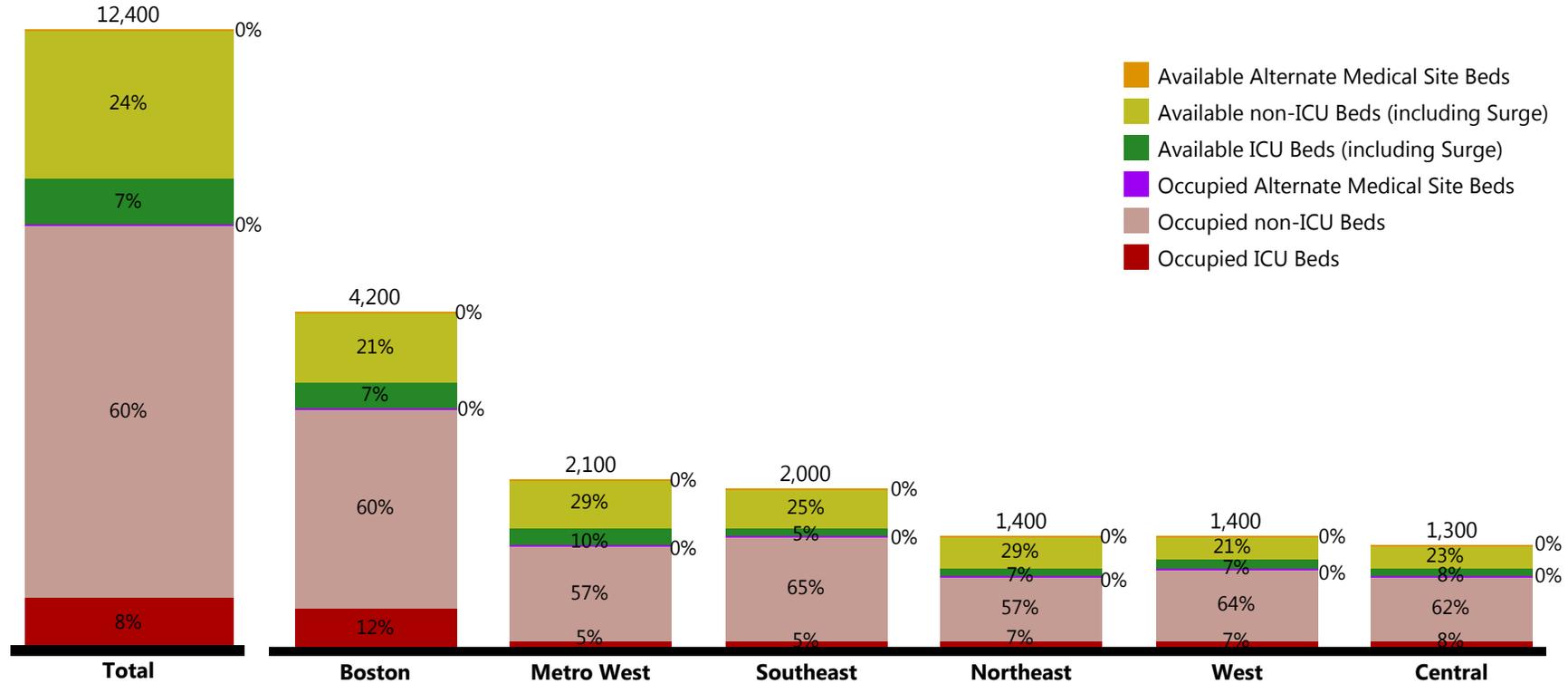
Patients with a positive serology/antibody test and either COVID-like symptoms or likely exposure to COVID-19 are counted as probable cases. Patients who did not have a laboratory test but whose death certificate listed COVID-19 as a cause of death are counted as probable deaths. Patients who did not 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



Total Hospital Capacity by Region

Data collected as of 7/16/2020 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 7/16/2020 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	7	1
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	0	0
Baystate Medical Center	Hampden	17	1
Baystate Noble Hospital	Hampden	0	0
Baystate Wing Hospital	Hampden	2	0
Berkshire Medical Center	Berkshire	1	0
Beth Israel Deaconess Hospital - Milton	Norfolk	11	2
Beth Israel Deaconess Hospital - Needham	Norfolk	5	2
Beth Israel Deaconess Hospital - Plymouth	Plymouth	17	1
Beth Israel Deaconess Medical Center	Suffolk	34	5
Beverly Hospital	Essex	7	1
Boston Childrens Hospital*	Suffolk	5	1
Boston Medical Center	Suffolk	40	8
Brigham and Womens - Faulkner	Suffolk	13	3
Brigham and Womens Hospital	Suffolk	21	1
Brockton Hospital	Plymouth	4	0
Cambridge Hospital	Middlesex	12	1
Cape Cod Hospital	Barnstable	1	0
Carney Hospital	Suffolk	14	3
Clinton Hospital	Worcester	2	0
Cooley Dickinson Hospital	Hampshire	5	1

Occupancy/ availability as reported by hospitals to DPH.

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



COVID Patient Census by Hospital (2/3)

Data collected as of 7/16/2020 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	2	0
Good Samaritan Medical Center	Plymouth	9	0
Harrington Hospital	Worcester	1	1
Health Alliance-Leominster	Worcester	5	1
Heywood Hospital	Worcester	2	0
Holy Family Hospital	Essex	10	0
Holyoke Hospital	Hampden	3	2
Lahey Hospital Burlington	Middlesex	16	2
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	17	4
Lowell General Hospital	Middlesex	6	0
Marlborough Hospital	Middlesex	1	1
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk	0	0
Massachusetts General Hospital	Suffolk	45	11
Melrose Wakefield Hospital	Middlesex	1	0
Mercy Medical Center	Hampden	3	2
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	15	0
MetroWest Medical Center Natick	Middlesex	4	1

Occupancy/ availability as reported by hospitals to DPH.

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



COVID Patient Census by Hospital (3/3)

Data collected as of 7/16/2020 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	2	0
Morton Hospital	Bristol	2	1
Mount Auburn Hospital	Middlesex	12	0
Nantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	0	0
Newton-Wellesley Hospital	Middlesex	23	1
North Shore Medical Center Salem	Essex	23	2
Norwood Hospital	Norfolk	0	0
Saint Vincent Hospital	Worcester	6	0
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	21	2
Southcoast Charlton Memorial Hospital	Bristol	10	1
St Annes Hospital	Bristol	5	0
St Elizabeths Medical Center	Suffolk	3	1
St Lukes Hospital	Bristol	11	1
Sturdy Memorial Hospital	Bristol	8	0
Tobey Hospital	Plymouth	4	2
Tufts Medical Center	Suffolk	10	4
UMass Memorial-Memorial Campus	Worcester	6	1
UMass Memorial-University Campus	Worcester	5	3
Winchester Hospital	Middlesex	6	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 - Friday, July 17, 2020

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
Massachusetts Alcohol and Substance Abuse Center	Wellpath Staff	0	0	0	0	
	MASAC Civils	2	35	0	37	
	Department of Corrections Staff	0	6	0	6	
	Wellpath/Contractors	9	58	1	68	



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	