Massachusetts Department of Public Health COVID-19 Dashboard - Saturday, May 30, 2020

Dashboard of Public Health Indicators

Starting on May 18, the COVID-19 Command Center will give updates on six key public health indicators. Before and during reopening, these metrics must continue to show progress.

Below is the status as of 5/18/2020. Status will be updated weekly or as metrics indicate.

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	Confirmed Cases
789	96,301

Newly Reported Deaths Today	Deaths of Confirmed COVID-19 Cases
50	6,768

New Tests Reported Today	Total Tests Performed
10,774	582,519

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Dashboard of Public Health Indicators

Percent Change Since April 15th

7 Day Weighted Average of Positive Test Rate

-74 %

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

-44 %

Number of Hospitals using Surge Capacity

-67 %

3 Day Average of COVID-19 Deaths

-62 %

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Daily and Cumulative Confirmed Cases

Confirmed COVID-19 Cases To Date by Date Patient Tested

● New Cases by Date Patient Tested ● Total Cases by Date Patient Tested
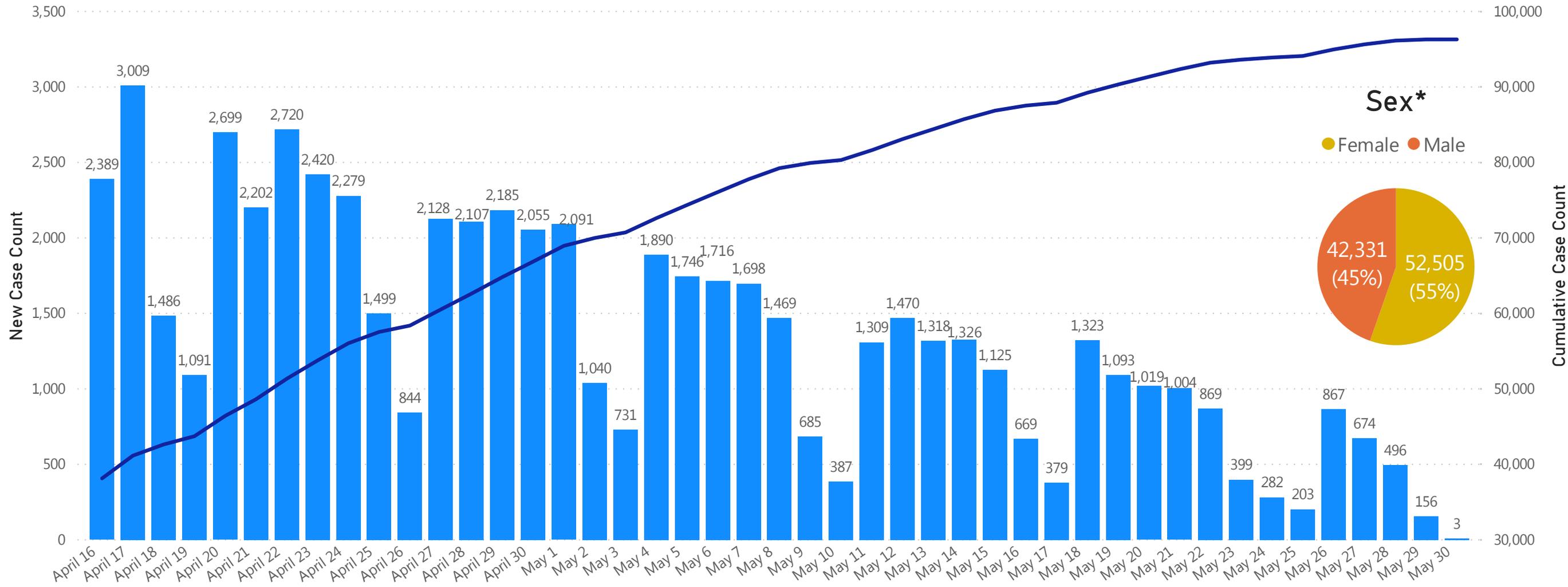

Sex*

● Female ● Male

42,331 (45%)

52,505 (55%)

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.

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Testing by Date

Number of Tests Performed by Date Patient Tested
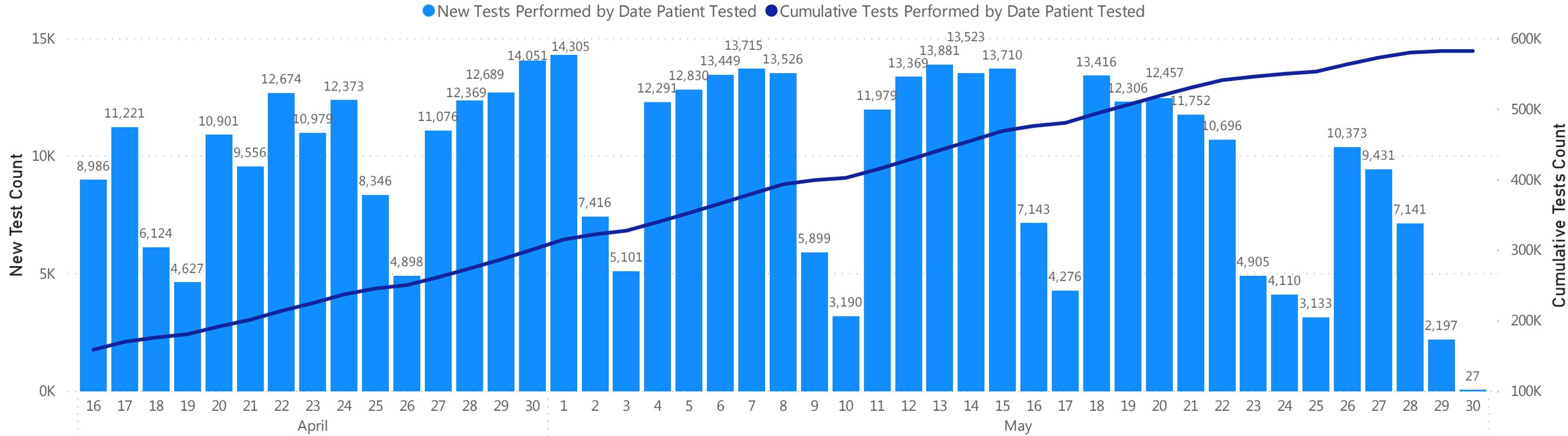
Percent of Tests* that are Positive by Date Patient Tested
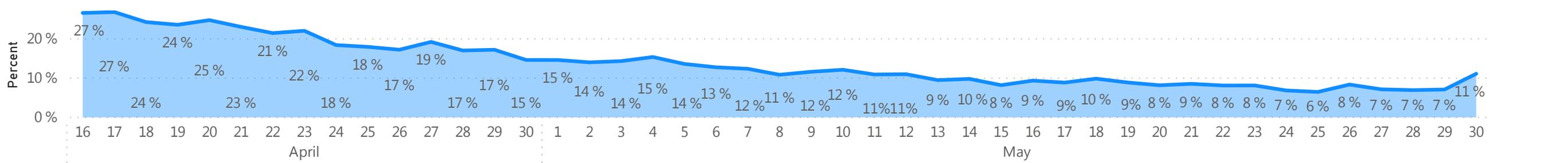
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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.

Cases and Case Growth by County

Count by County

County	Count
Middlesex	21,124
Suffolk	17,873
Essex	14,099
Worcester	10,901
Norfolk	8,016
Plymouth	7,819
Bristol	7,089
Hampden	5,982
Barnstable	1,305
Hampshire	855
Berkshire	544
Unknown	336
Franklin	319
Dukes	26
Nantucket	13
Total	**96,301**

Rate (per 100,000) of Confirmed COVID-19 Cases by Date and County
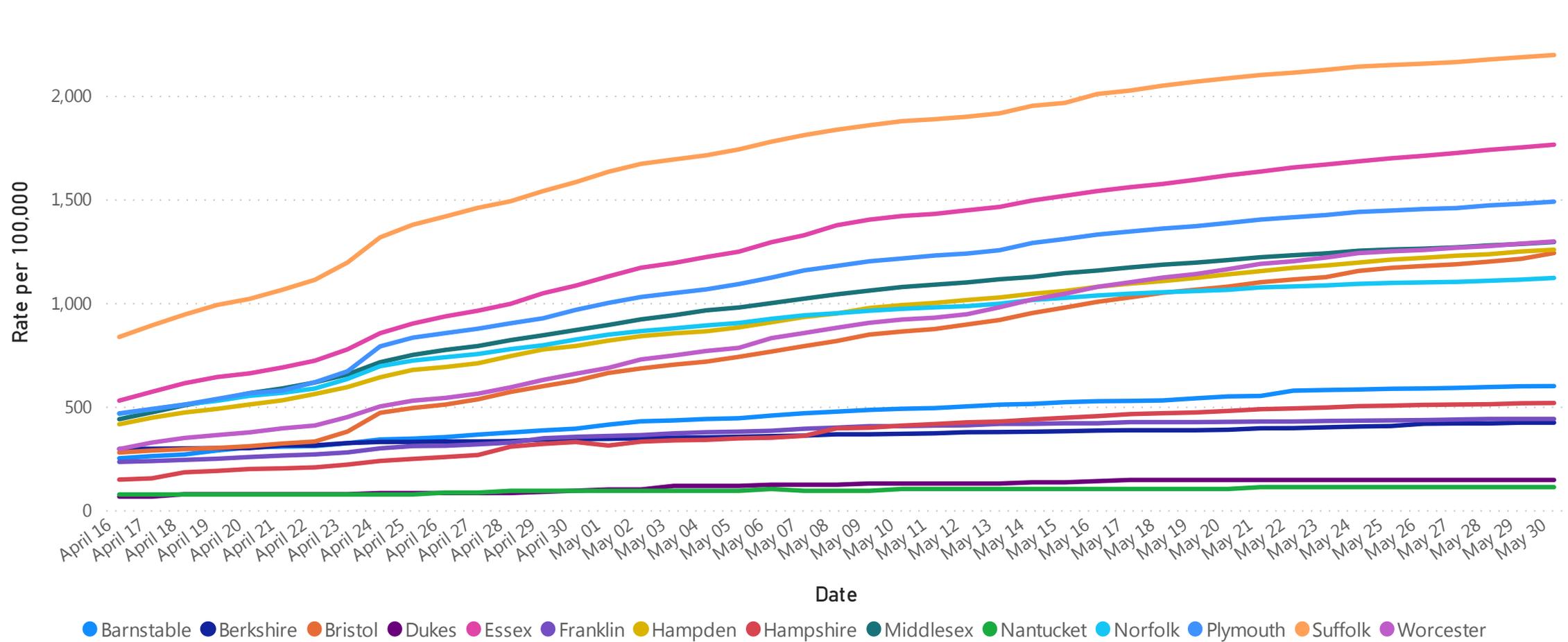
Legend: Barnstable, Berkshire, Bristol, Dukes, Essex, Franklin, Hampden, Hampshire, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, Worcester

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.

Prevalence by County

Rate (per 100,000) of Confirmed COVID-19 Cases by County (n=96,301)*
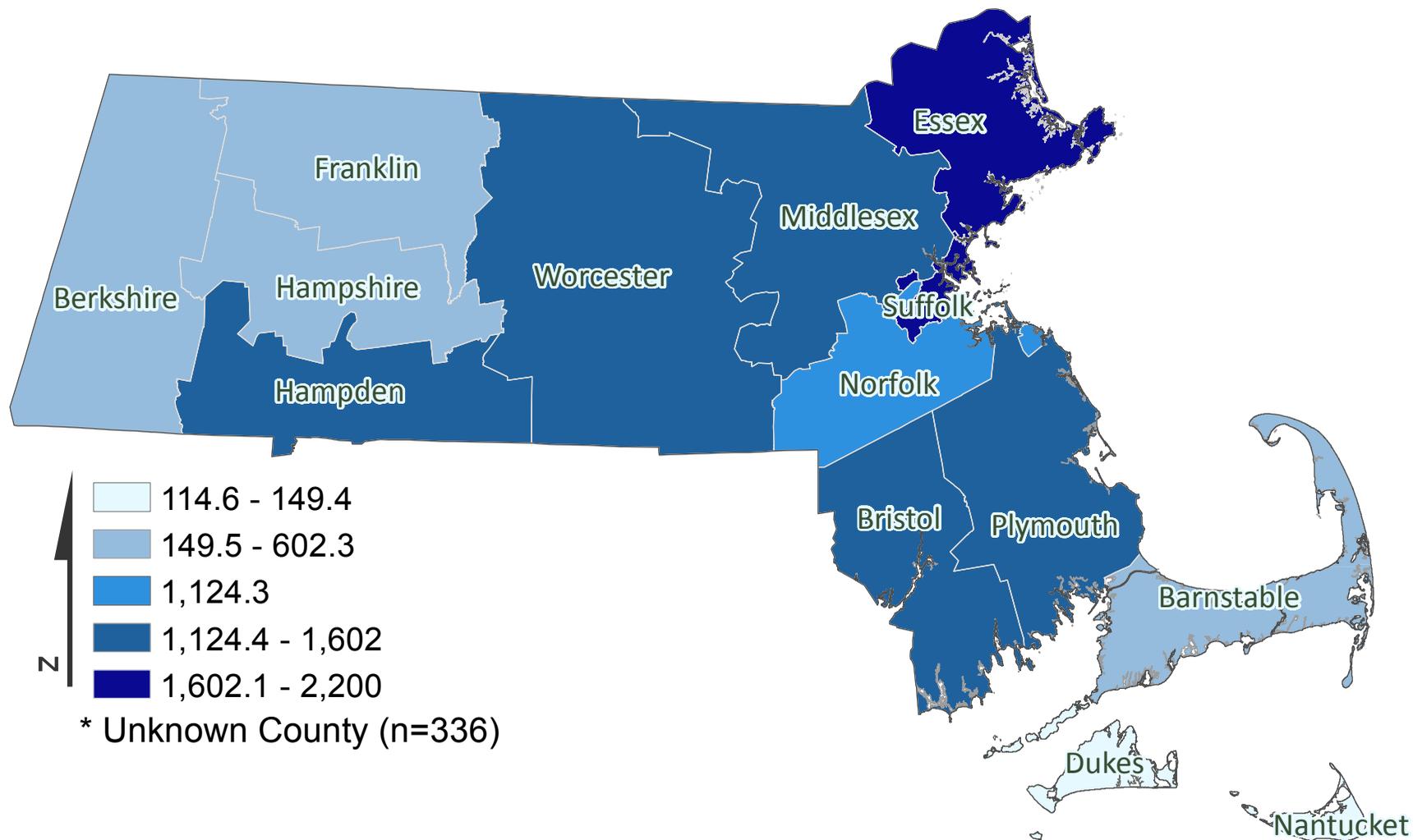
Legend:
- 114.6 - 149.4
- 149.5 - 602.3
- 1,124.3
- 1,124.4 - 1,602
- 1,602.1 - 2,200

* Unknown County (n=336)

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
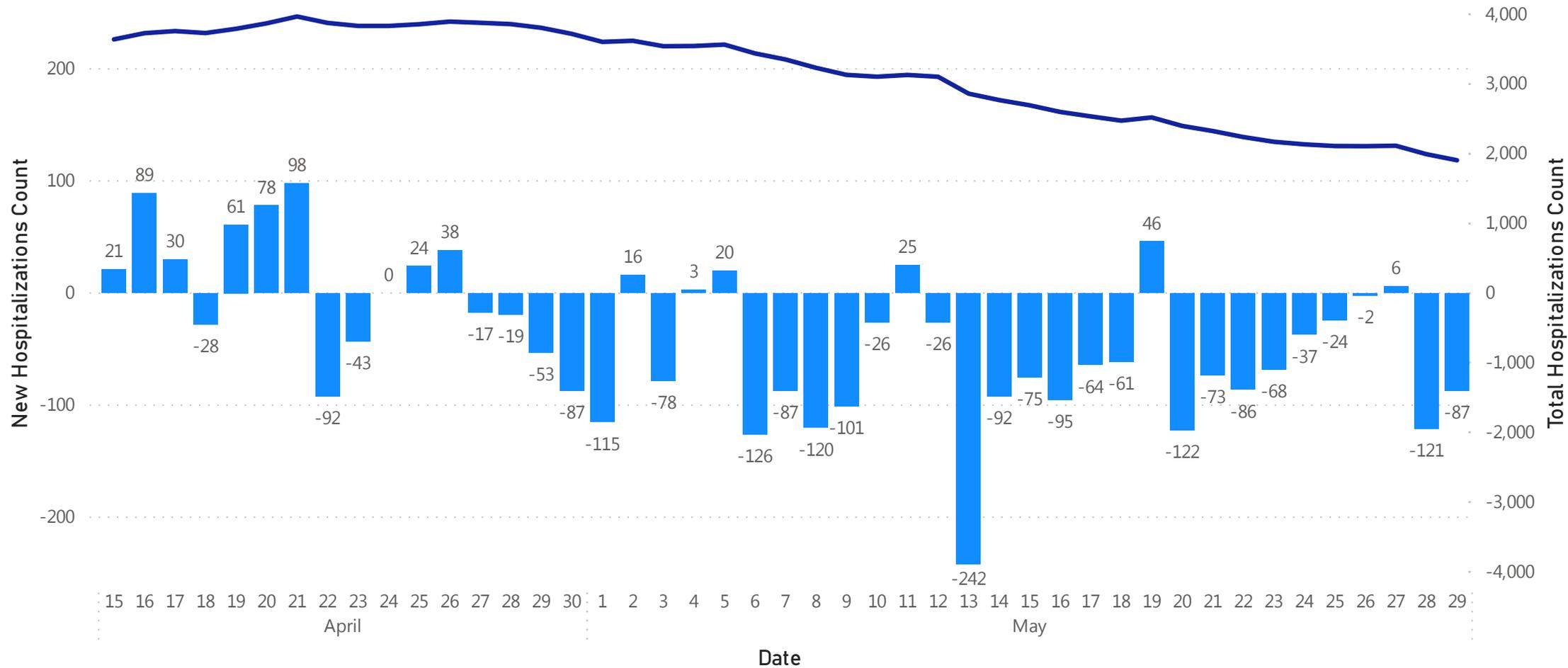
COVID-19 Cases Currently Hospitalized

1,904

Count of Cases Currently in ICU

453

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.

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Daily and Cumulative Deaths

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

● New Deaths by Date of Death ● Total Deaths Reported by Date
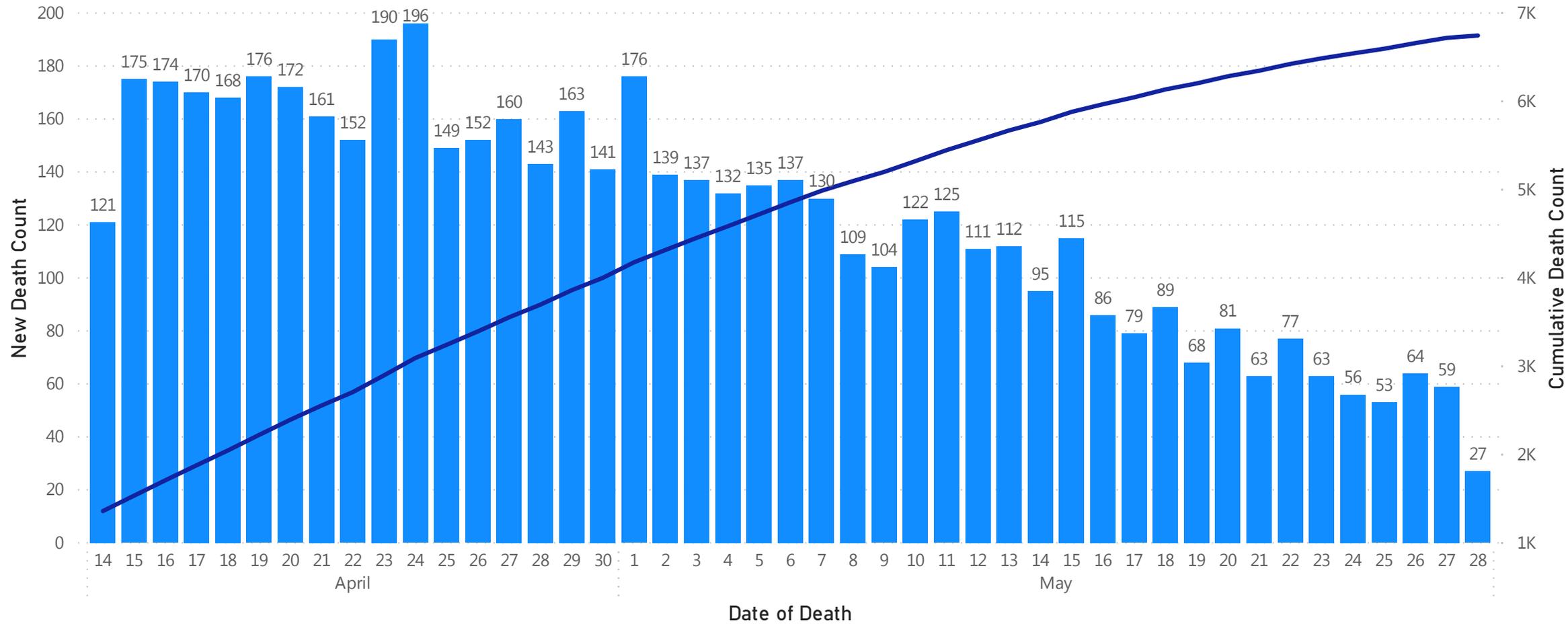
Deaths in Confirmed COVID-19 Cases

6,768

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.

Cases and Case Rate by Age Group

Confirmed COVID-19 Cases by Age Group
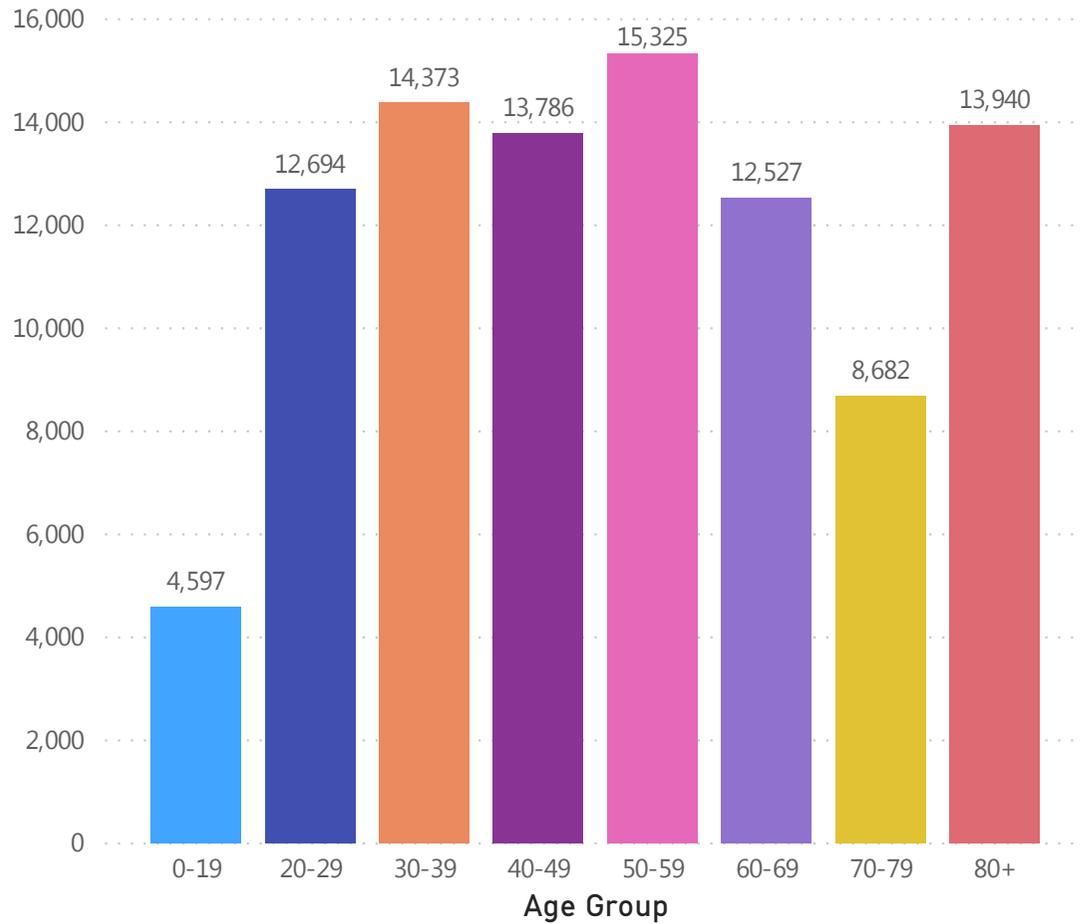
Rate (per 100,000) of Confirmed COVID-19 Cases by Age Group
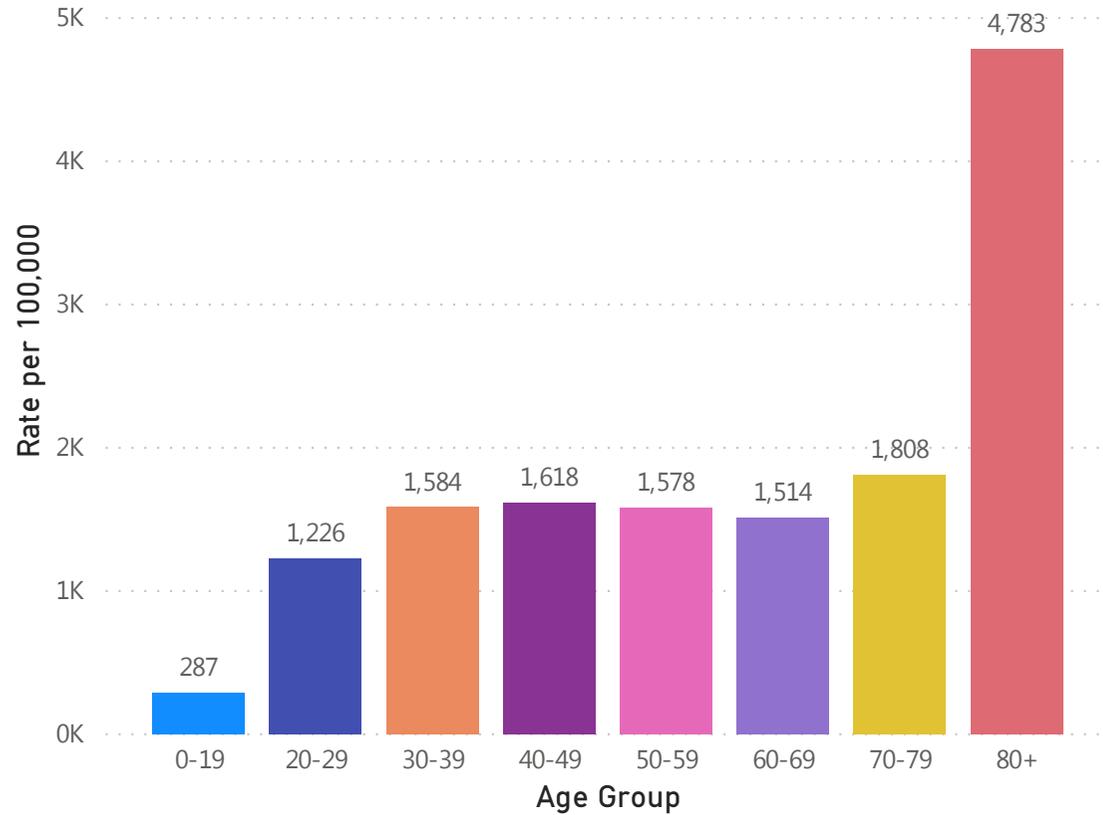
Average age of COVID-19 Cases

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

Confirmed COVID-19 Cases Reported as Hospitalized* by Age Group
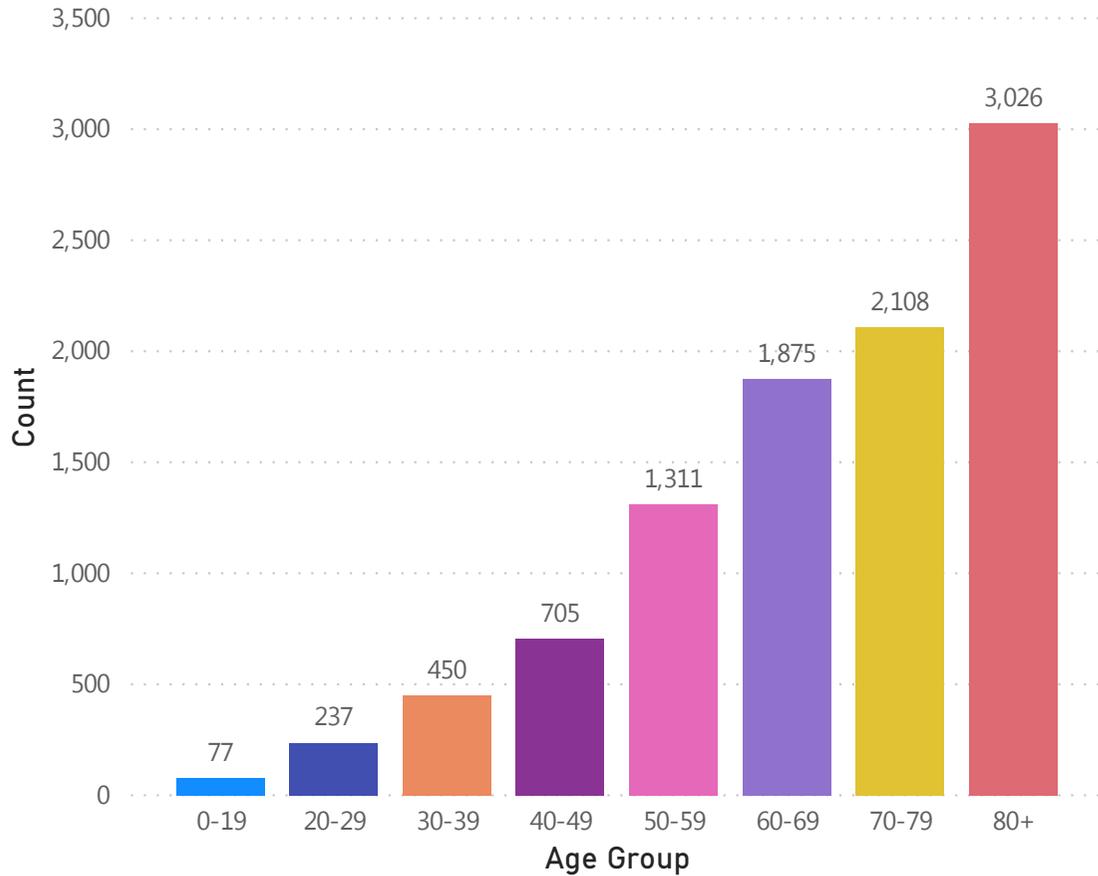
Rate (per 100,000) of Confirmed COVID-19 Cases Reported as Hospitalized* by Age Group
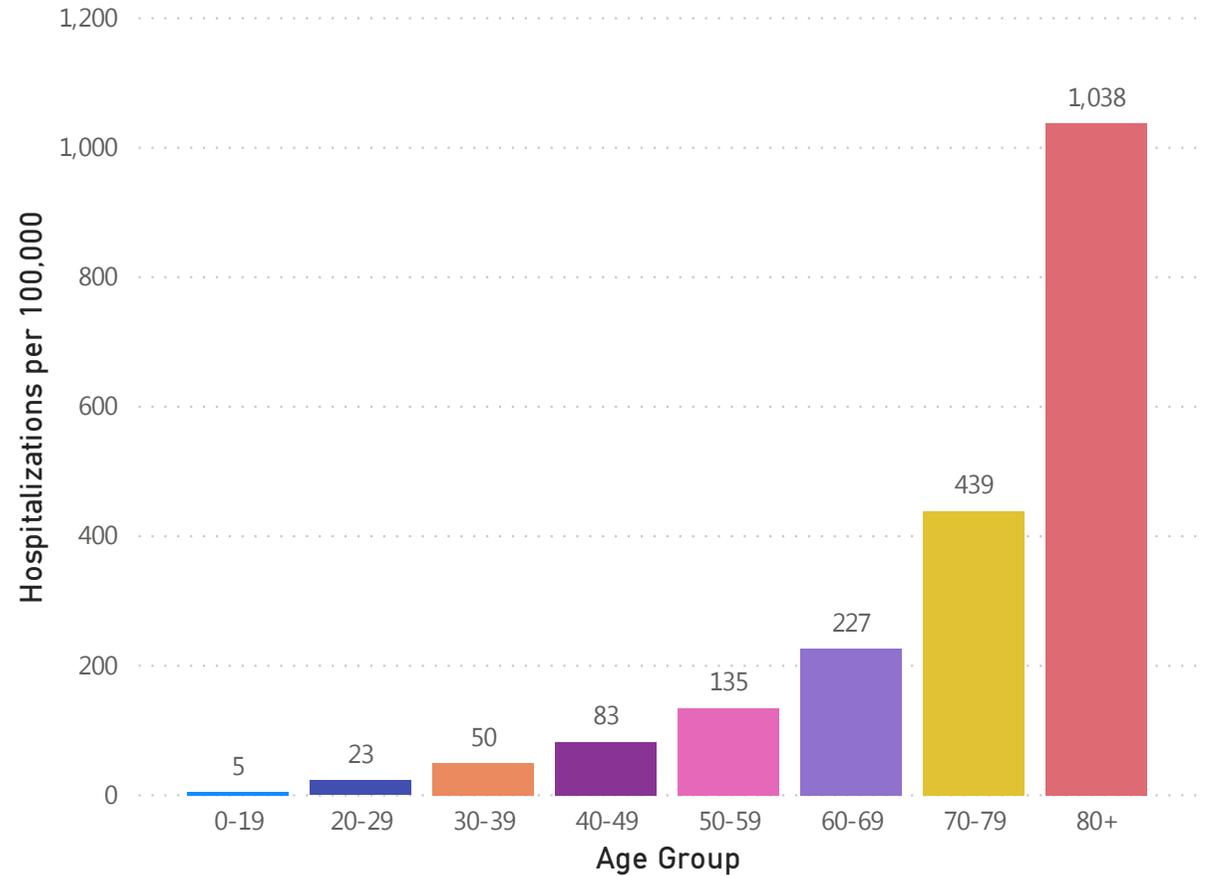
Average Age of Cases Reported as Hospitalized*

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

Deaths and Death Rate by Age Group

Deaths by Age Group in Confirmed COVID-19 Cases

Count vs. Age Group:
- 0-19: 0
- 20-29: 9
- 30-39: 20
- 40-49: 61
- 50-59: 239
- 60-69: 691
- 70-79: 1,510
- 80+: 4,238
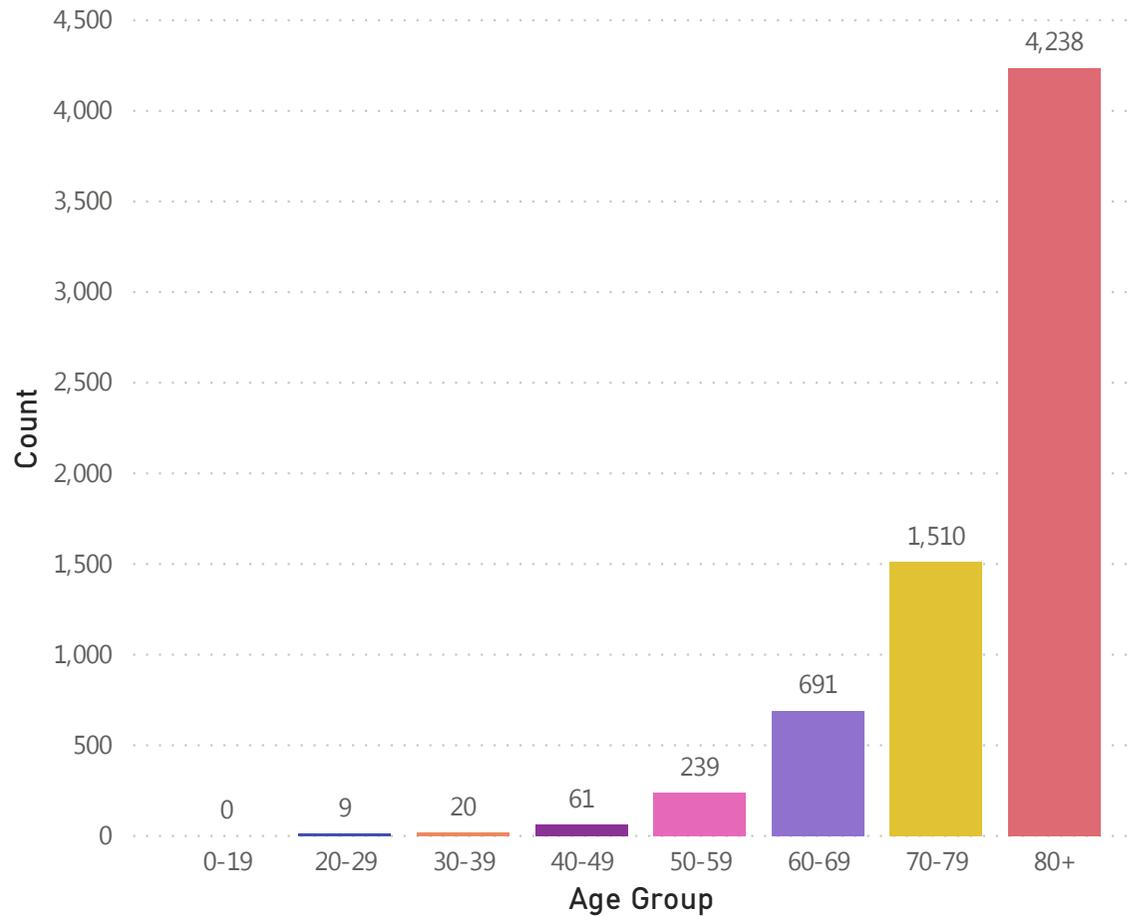
Rate (per 100,000) of COVID-19 Deaths by Age Group

Deaths per 100,000 vs. Age Group:
- 0-19: 0
- 20-29: 1
- 30-39: 2
- 40-49: 7
- 50-59: 25
- 60-69: 83
- 70-79: 315
- 80+: 1,454
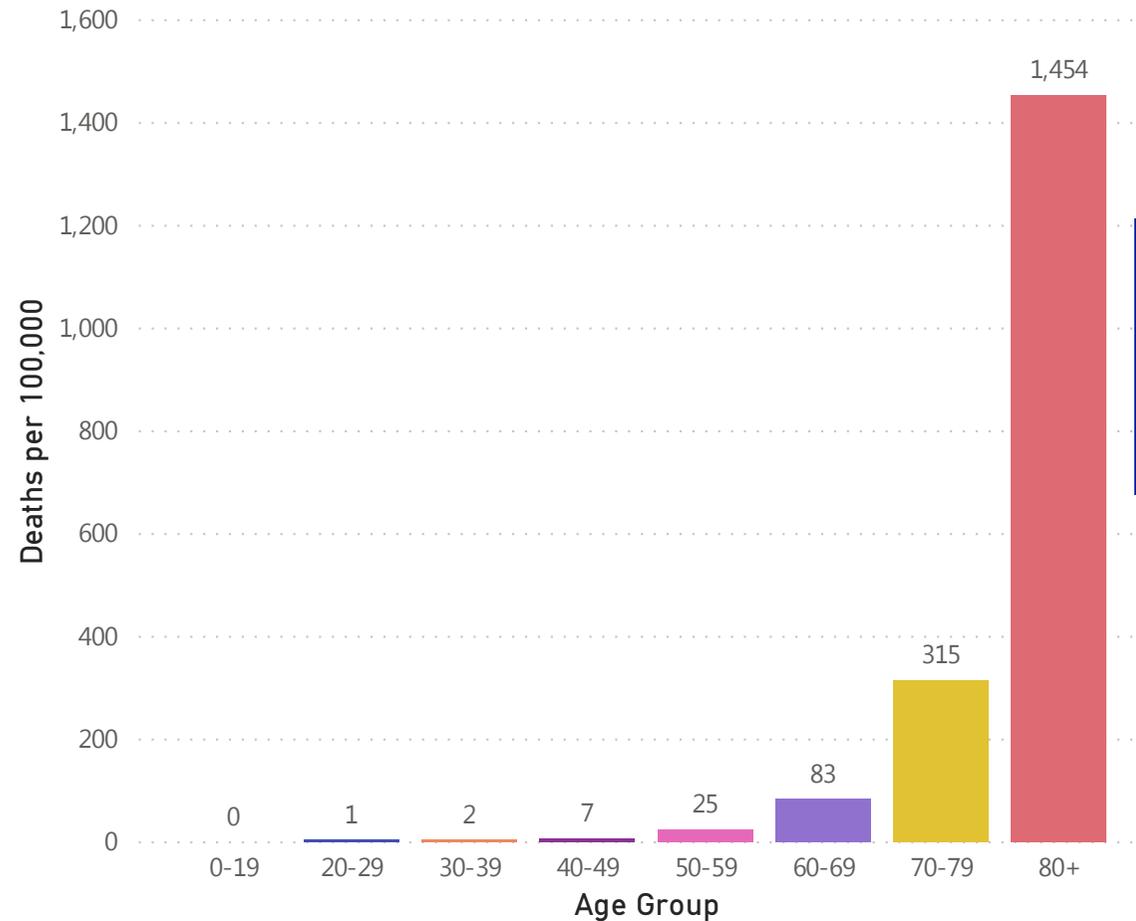
Average Age of Deaths in Confirmed COVID-19 Cases

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

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Deaths and Death Rate by County

Count of Deaths in Confirmed COVID-19 Cases by County
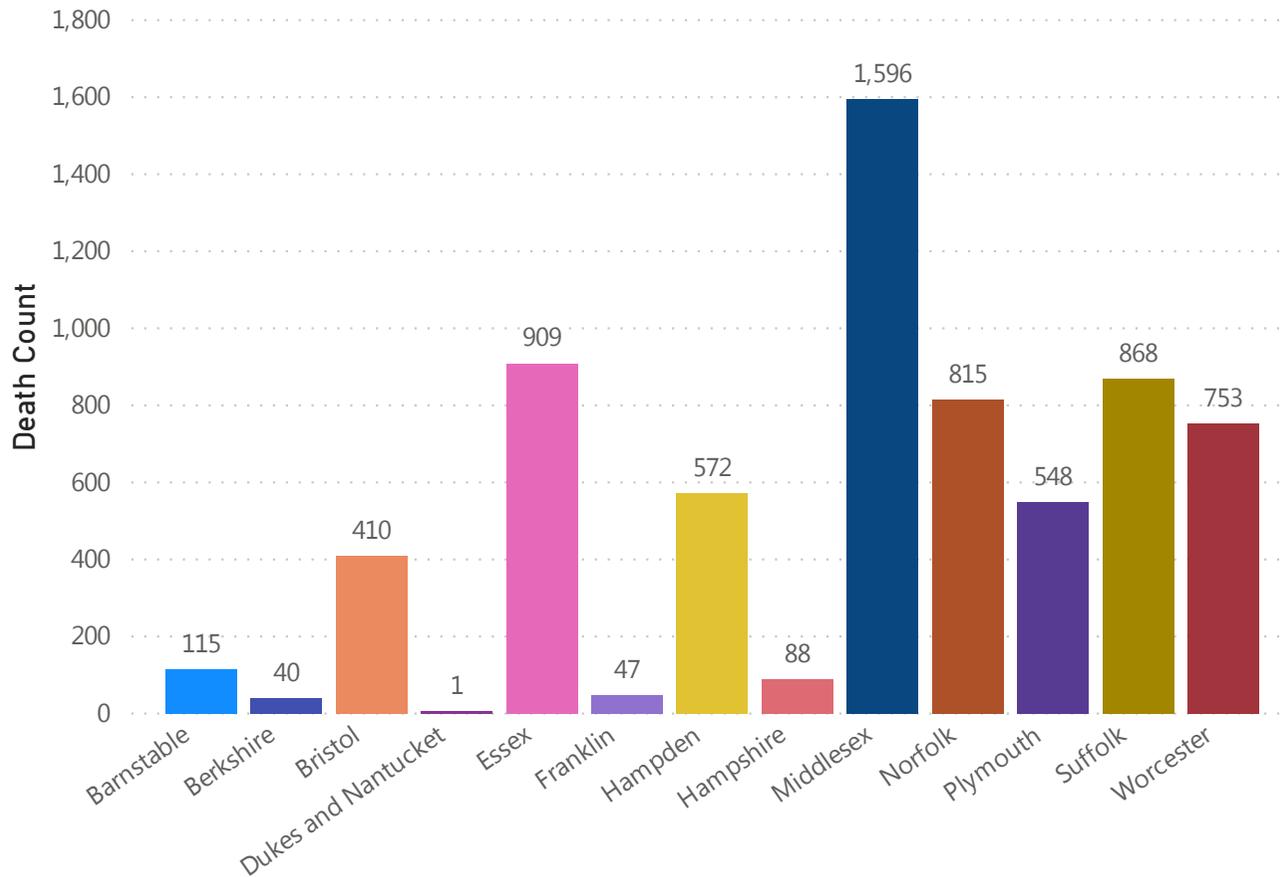
Rate (per 100,000) of COVID-19 Deaths by County
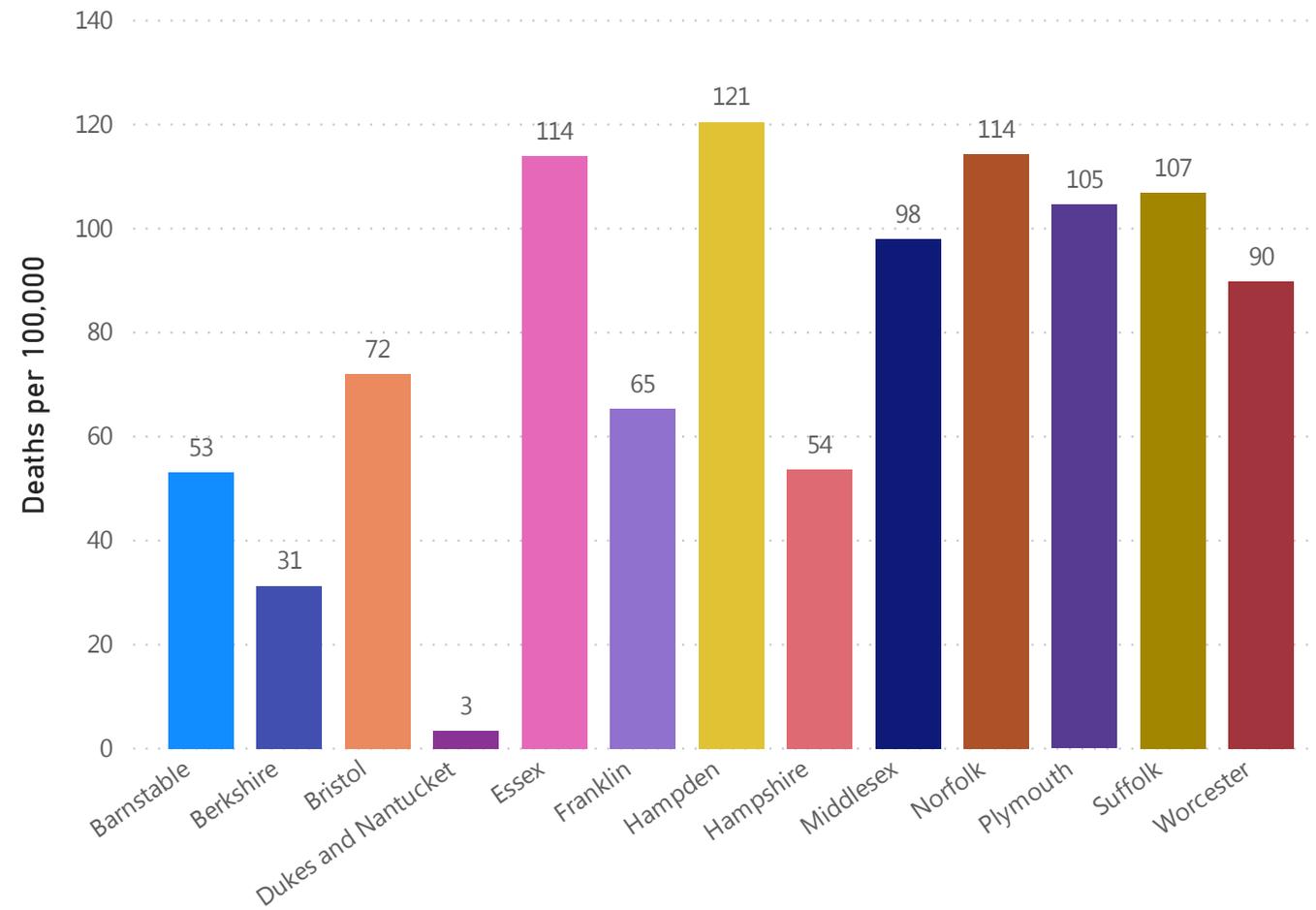
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; County Population Estimates 2011-2018: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health; Tables and Figures created by the Office of Population Health.
Note: all data are cumulative and current as of 10:00am on the date at the top of the page

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Deaths by Sex, Previous Hospitalization, & Underlying Conditions

Deaths by Sex+

3,229 (47.7%)

3,534 (52.3%)

● Female ● Male
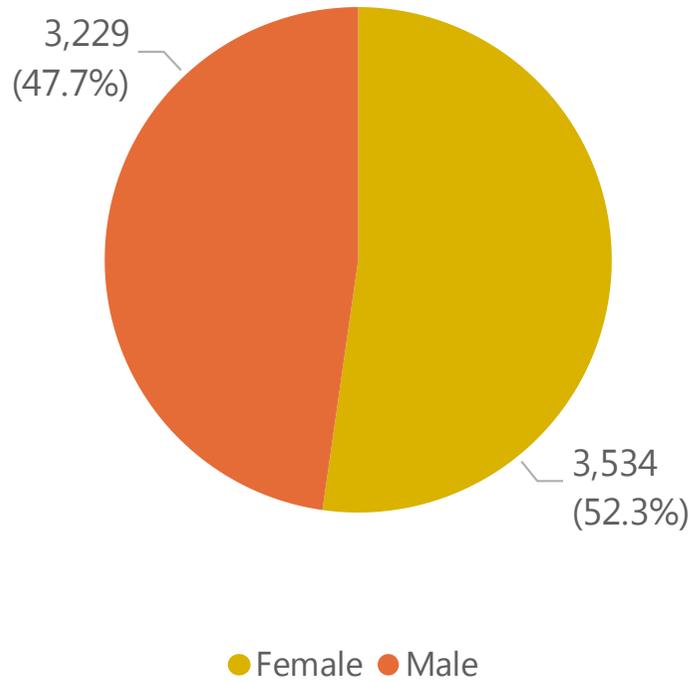
Deaths with a Previous Hospitalization*

825 (12.2%)

2,200 (32.5%)

3,743 (55.3%)

● Yes ● Unknown ● No
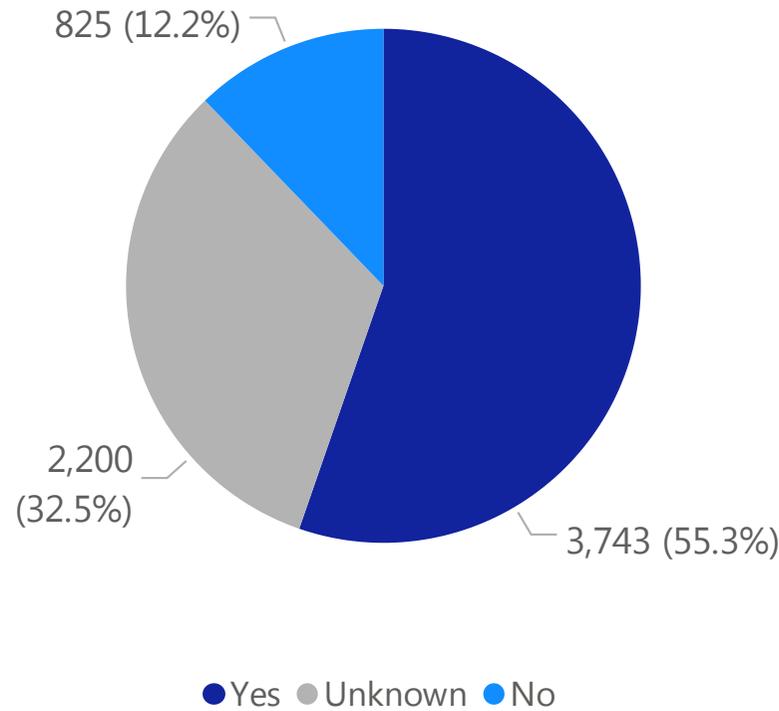
Deaths** with Underlying Conditions
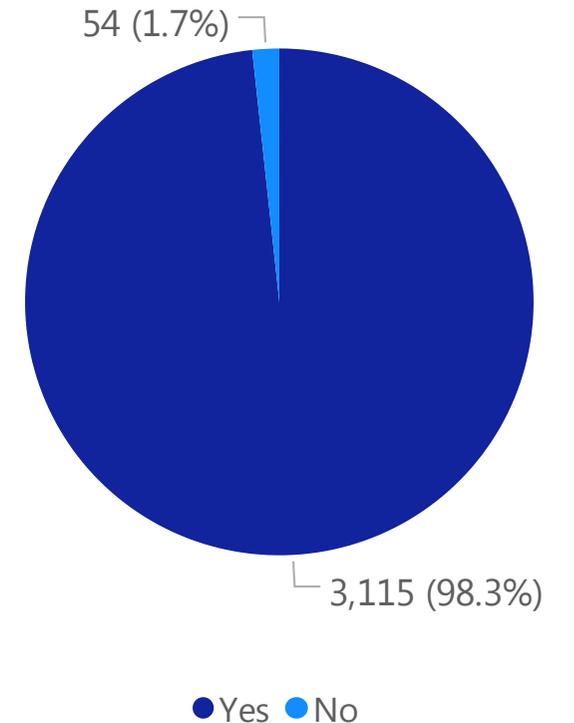
54 (1.7%)

3,115 (98.3%)

● Yes ● No

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

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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.

Cases by Race/Ethnicity

4.6%
8.9%
1.9%
40.4%
18.2%
26.0%
96,301
Total Case Count
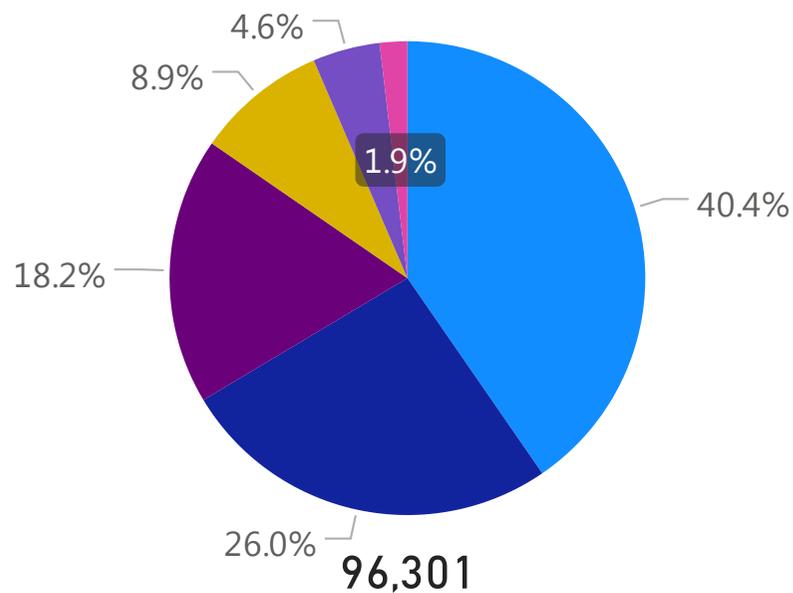
Cases Reported as Hospitalized* by Race/Ethnicity

5.7% 2.9%
10.0%
38.4%
13.0%
30.0%
9,789
Total Cases Reported as Hospitalized

Deaths by Race/Ethnicity

3.3%
5.1%
6.3%
1.8%
41.8%
41.7%
6,768
Total Deaths
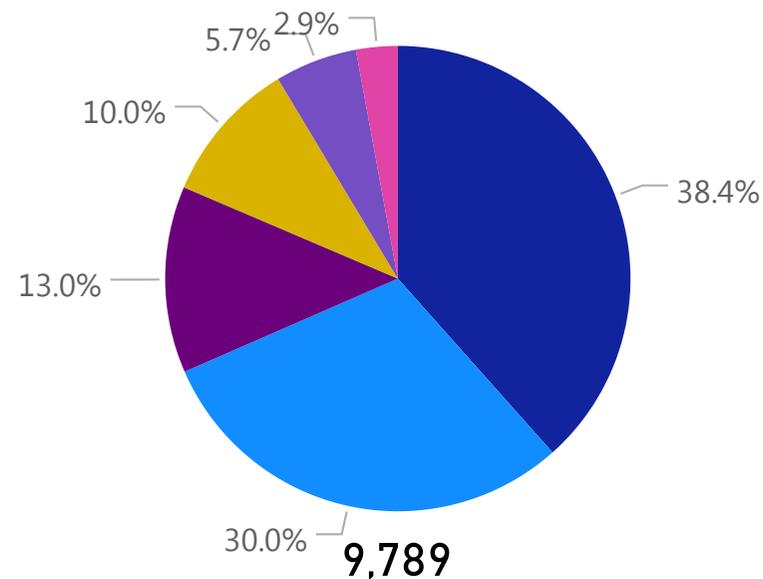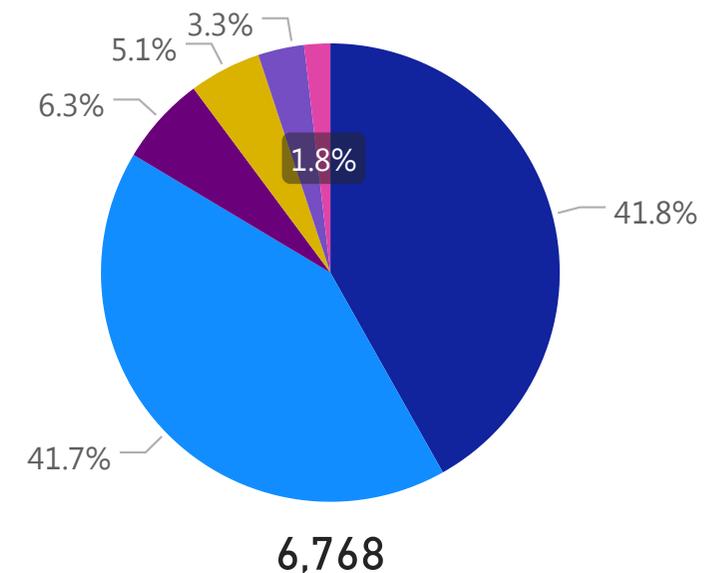
● Hispanic ● Non-Hispanic Asian ● Non-Hispanic Black/African American ● Non-Hispanic Other ● Non-Hispanic White ● Unknown/Missing

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

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

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

20,988

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

349

COVID-19 Deaths Reported in Long-Term Care Facilities

4,217

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

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Total Hospital Capacity by Region

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

Legend:
- 🟧 Available Alternate Medical Site Beds
- 🟨 Available non-ICU Beds (including Surge)
- 🟩 Available ICU Beds (including Surge)
- 🟪 Occupied Alternate Medical Site Beds
- 🟫 Occupied non-ICU Beds
- 🟥 Occupied ICU Beds

Total Beds in Massachusetts suitable for COVID — 17,200
- 0%
- 40%
- 13%
- 0%
- 40%
- 7%

Boston — 6,100
- 0%
- 43%
- 15%
- 0%
- 34%
- 8%

Metro West — 2,900
- 0%
- 38%
- 14%
- 0%
- 41%
- 7%

Southeast — 2,500
- 0%
- 40%
- 12%
- 0%
- 44%
- 4%

Northeast — 1,400
- 0%
- 36%
- 7%
- 0%
- 50%
- 7%

West — 2,500
- 0%
- 44%
- 16%
- 0%
- 36%
- 4%

Central — 1,800
- 0%
- 33%
- 11%
- 0%
- 44%
- 11%
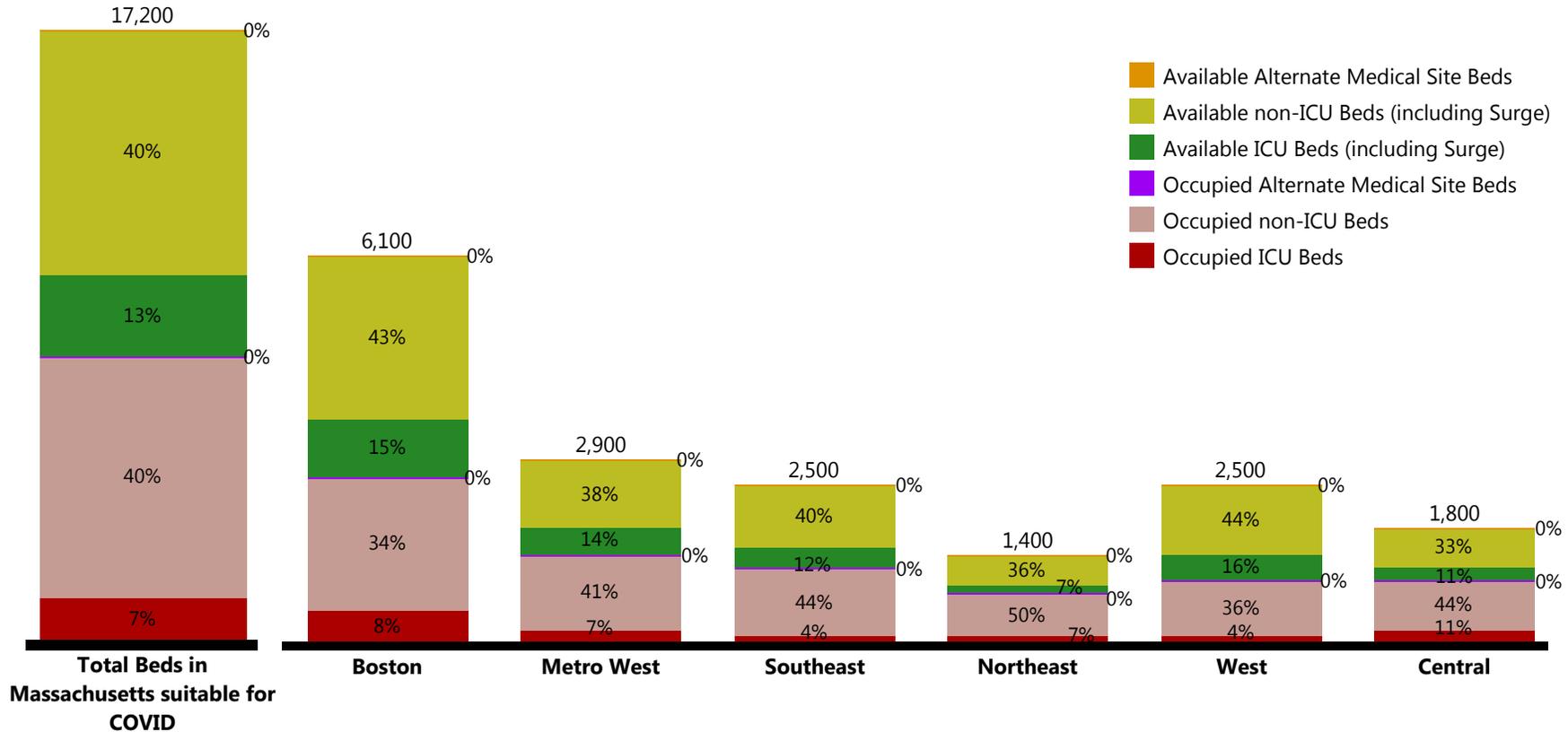
Occupancy/ availability as reported by hospitals to DPH.
Regions shown represent EOHHS Regions. Note that total bed estimates may change day-to-day due to hospitals updating surge planning. This data includes 4,600 unstaffed surge beds.
Available AMS beds may change over time

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COVID Patient Census by Hospital (1/2)

Data collected as of 5/29/2020 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	12	4
Athol Memorial Hospital	Worcester	0	0
Baystate Franklin Medical Center	Franklin	6	0
Baystate Medical Center	Hampden	59	14
Baystate Noble Hospital	Hampden	2	0
Baystate Wing Hospital	Hampden	5	0
Berkshire Medical Center	Berkshire	4	0
Beth Israel Deaconess Hospital - Milton	Norfolk	13	1
Beth Israel Deaconess Hospital - Needham	Norfolk	16	3
Beth Israel Deaconess Hospital - Plymouth	Plymouth	52	7
Beth Israel Deaconess Medical Center	Suffolk	129	39
Beverly Hospital	Essex	24	2
Boston Childrens Hospital*	Suffolk	7	0
Boston Medical Center	Suffolk	91	25
Brigham and Womens - Faulkner	Suffolk	28	2
Brigham and Womens Hospital	Suffolk	70	21
Brockton Hospital	Plymouth	32	9
Cambridge Hospital	Middlesex	29	8
Cape Cod Hospital	Barnstable	8	3
Carney Hospital	Suffolk	46	8
Clinton Hospital	Worcester	2	0
Cooley Dickinson Hospital	Hampshire	15	3
Dana Farber Cancer Institute*	Suffolk	0	0
Emerson Hospital	Middlesex	12	1
Fairview Hospital	Berkshire	0	0
Falmouth Hospital	Barnstable	13	2
Good Samaritan Medical Center	Plymouth	37	6
Harrington Hospital	Worcester	2	2
Health Alliance-Leominster	Worcester	15	3
Heywood Hospital	Worcester	8	2
Holy Family Hospital	Essex	20	5
Holyoke Hospital	Hampden	7	1
Lahey Hospital Burlington	Middlesex	56	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 5/29/2020 5:00pm

Hospital Name ▲	Hospital County	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID patients in ICU - suspected and confirmed
Lahey Hospital Peabody	Essex	0	0
Lawrence General Hospital	Essex	42	12
Lowell General Hospital	Middlesex	41	9
Marlborough Hospital	Middlesex	16	8
Marthas Vineyard Hospital	Dukes	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk	0	0
Massachusetts General Hospital	Suffolk	186	50
Melrose Wakefield Hospital	Middlesex	12	3
Mercy Medical Center	Hampden	20	3
Merrimack Valley Hospital	Essex	0	0
MetroWest Medical Center Framingham	Middlesex	46	11
MetroWest Medical Center Natick	Middlesex	9	2
Milford Regional Medical Center	Worcester	15	1
Morton Hospital	Bristol	20	3
Mount Auburn Hospital	Middlesex	29	8
Nantucket Cottage Hospital	Nantucket	0	0
Nashoba Valley Medical Center	Middlesex	0	0
New England Baptist Hospital	Suffolk	0	0
Newton-Wellesley Hospital	Middlesex	59	5
North Shore Medical Center Salem	Essex	71	10
Norwood Hospital	Norfolk	15	4
Saint Vincent Hospital	Worcester	55	11
Saints Memorial Medical Center	Middlesex	0	0
South Shore Hospital	Norfolk	55	12
Southcoast Charlton Memorial Hospital	Bristol	73	20
St Annes Hospital	Bristol	0	0
St Elizabeths Medical Center	Suffolk	20	7
St Lukes Hospital	Bristol	83	15
Sturdy Memorial Hospital	Bristol	22	6
Tobey Hospital	Bristol	18	3
Tufts Medical Center	Suffolk	50	22
UMass Memorial-Memorial Campus	Worcester	44	9
UMass Memorial-University Campus	Worcester	65	30
Winchester Hospital	Middlesex	18	1

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