Massachusetts Department of Public Health COVID-19 Dashboard - Wednesday, May 27, 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

527

Confirmed Cases

94,220

Newly Reported Deaths Today

74

Deaths of Confirmed COVID-19 Cases

6,547

New Tests Reported Today

6,663

Total Tests Performed

552,144

1

Dashboard of Public Health Indicators

Percent Change Since April 15th

7 Day Weighted Average of Positive Test Rate

16.6% | 16.2% | 15.5% | 14.2% | 13.8% | 13.0% | 12.1% | 11.6% | 10.6% | 9.9% | 9.7% | 9.6% | 9.2% | 9.0% | 8.9% | 8.9% | 8.9% | 8.8% | 8.4% | 8.5%

16.1% | 15.0% | 13.2% | 12.8% | 11.0% | 10.1%

15% | 10%

May 1 | May 2 | May 3 | May 4 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24 | May 25 | May 26

-71 %

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

4,000 | 3,707 | 3,586 | 3,566 | 3,548 | 3,513 | 3,449 | 3,338 | 3,235 | 3,153 | 3,119 | 3,110 | 3,029 | 2,909 | 2,773 | 2,685 | 2,607 | 2,534 | 2,508 | 2,462 | 2,412 | 2,319 | 2,243 | 2,179 | 2,136 | 2,115

3,645

3,000 | 2,000

May 1 | May 2 | May 3 | May 4 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24 | May 25 | May 26

-41 %

Number of Hospitals using Surge Capacity

23 | 21 | 20 | 21 | 21 | 19 | 19 | 19 | 20 | 18 | 18 | 18 | 18 | 14 | 13 | 15 | 13 | 12 | 9 | 8 | 8 | 8

19 | 18 | 16 | 17 | 13 | 13

20 | 10

May 1 | May 2 | May 3 | May 4 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24 | May 25 | May 26

-62 %

3 Day Average of COVID-19 Deaths

200 | 159 | 152 | 151 | 136 | 135 | 135 | 134 | 125 | 114 | 116 | 118 | 115 | 106 | 98 | 93 | 85 | 79 | 71 | 71 | 62 | 54

112 | 106 | 79

100

May 1 | May 2 | May 3 | May 4 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24

-65 %

2
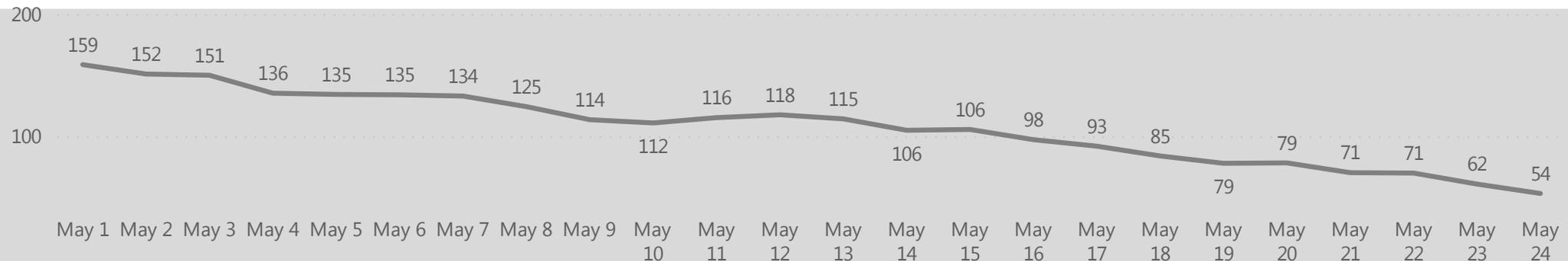
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Daily and Cumulative Confirmed Cases

Confirmed COVID-19 Cases To Date by Date Patient Tested

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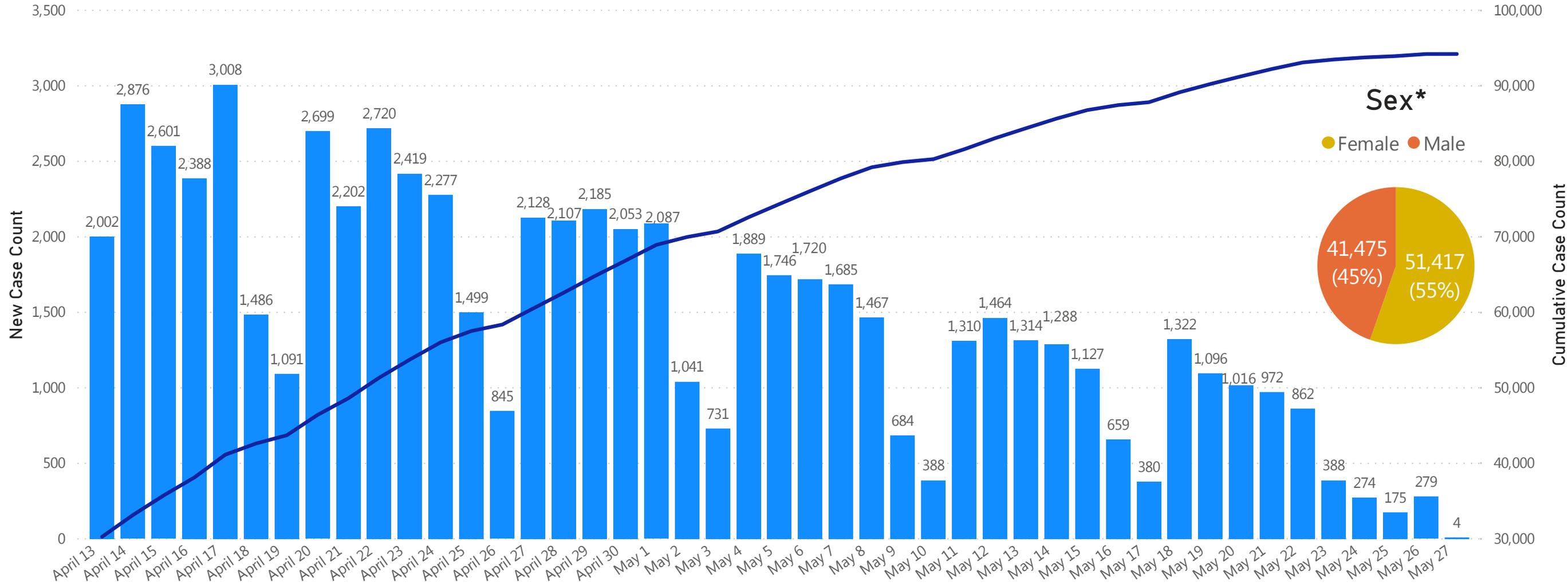
Sex*

● Female ● Male

41,475 (45%)   51,417 (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.

Testing by Date

Number of Tests Performed by Date Patient Tested

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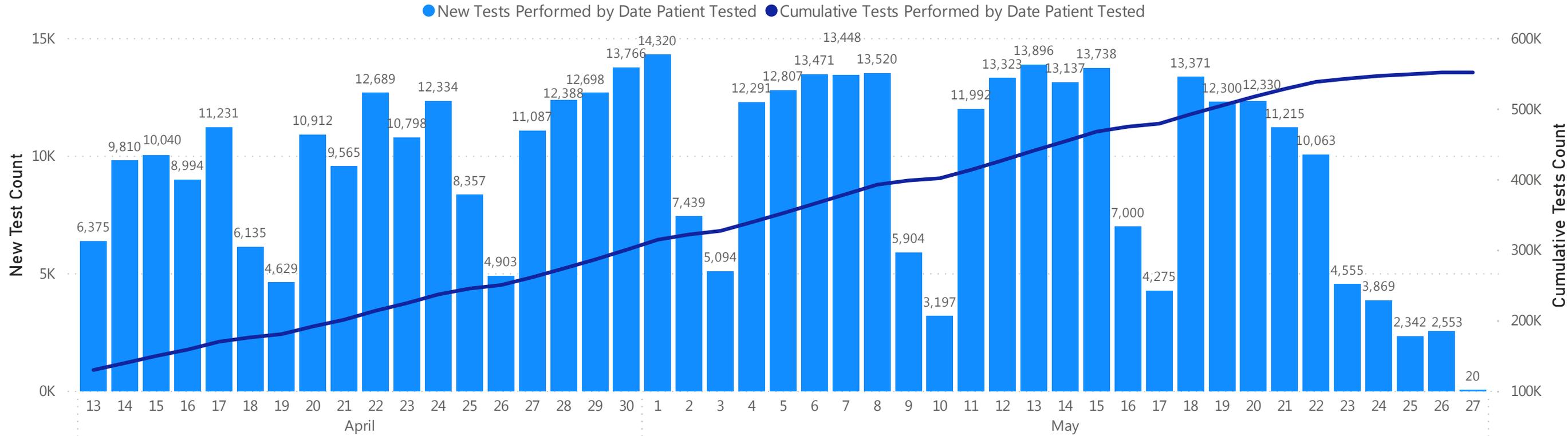
Percent of Tests* that are Positive by Date Patient Tested
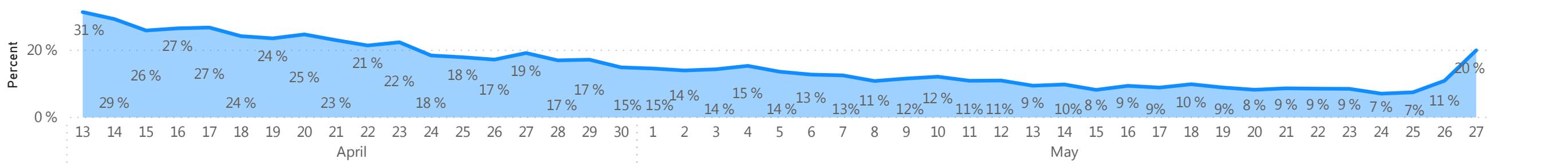
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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	20,706
Suffolk	17,596
Essex	13,778
Worcester	10,647
Norfolk	7,880
Plymouth	7,656
Bristol	6,779
Hampden	5,845
Barnstable	1,286
Hampshire	843
Berkshire	539
Franklin	317
Unknown	309
Dukes	26
Nantucket	13
Total	**94,220**

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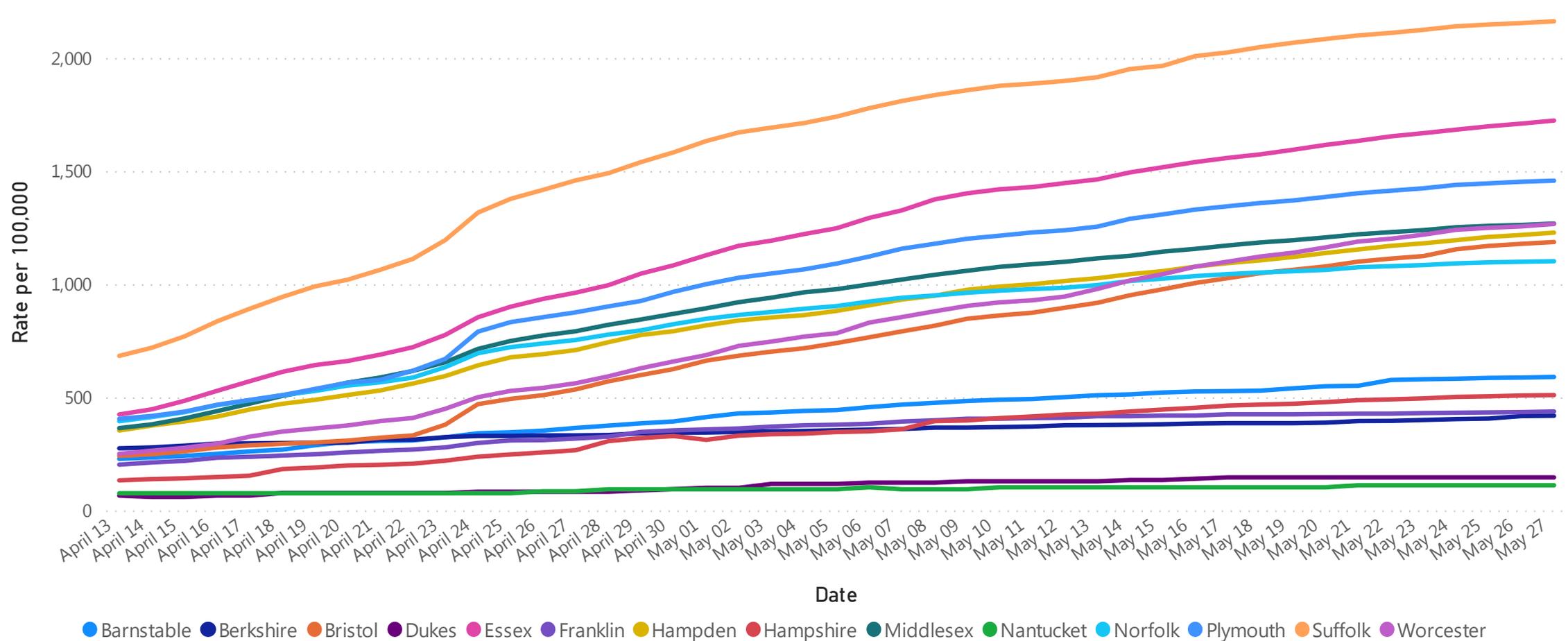
Barnstable ● Berkshire ● Bristol ● Dukes ● Essex ● Franklin ● Hampden ● Hampshire ● Middlesex ● Nantucket ● Norfolk ● Plymouth ● Suffolk ● Worcester

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=94,220)*
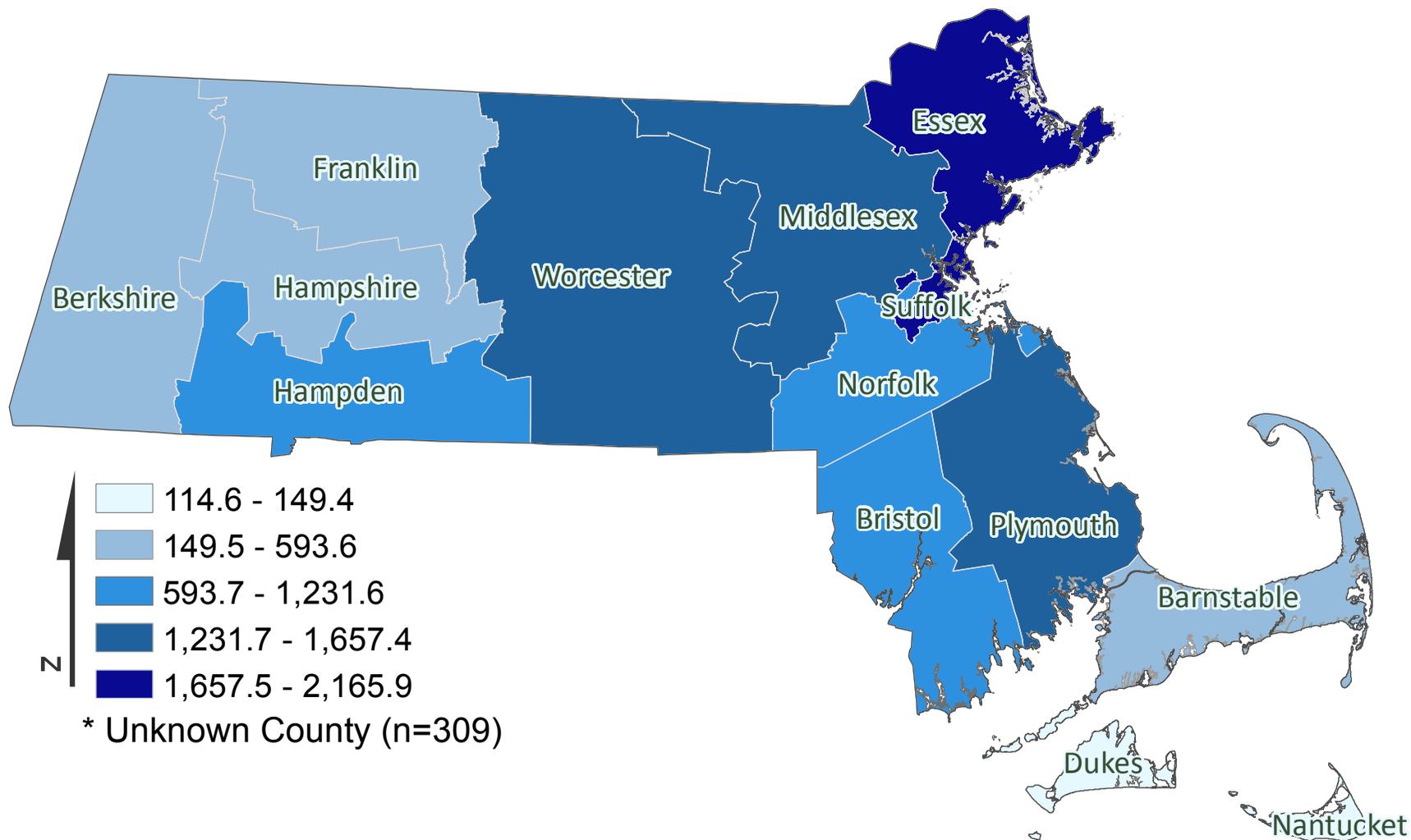
Legend:
- 114.6 - 149.4
- 149.5 - 593.6
- 593.7 - 1,231.6
- 1,231.7 - 1,657.4
- 1,657.5 - 2,165.9

* Unknown County (n=309)

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
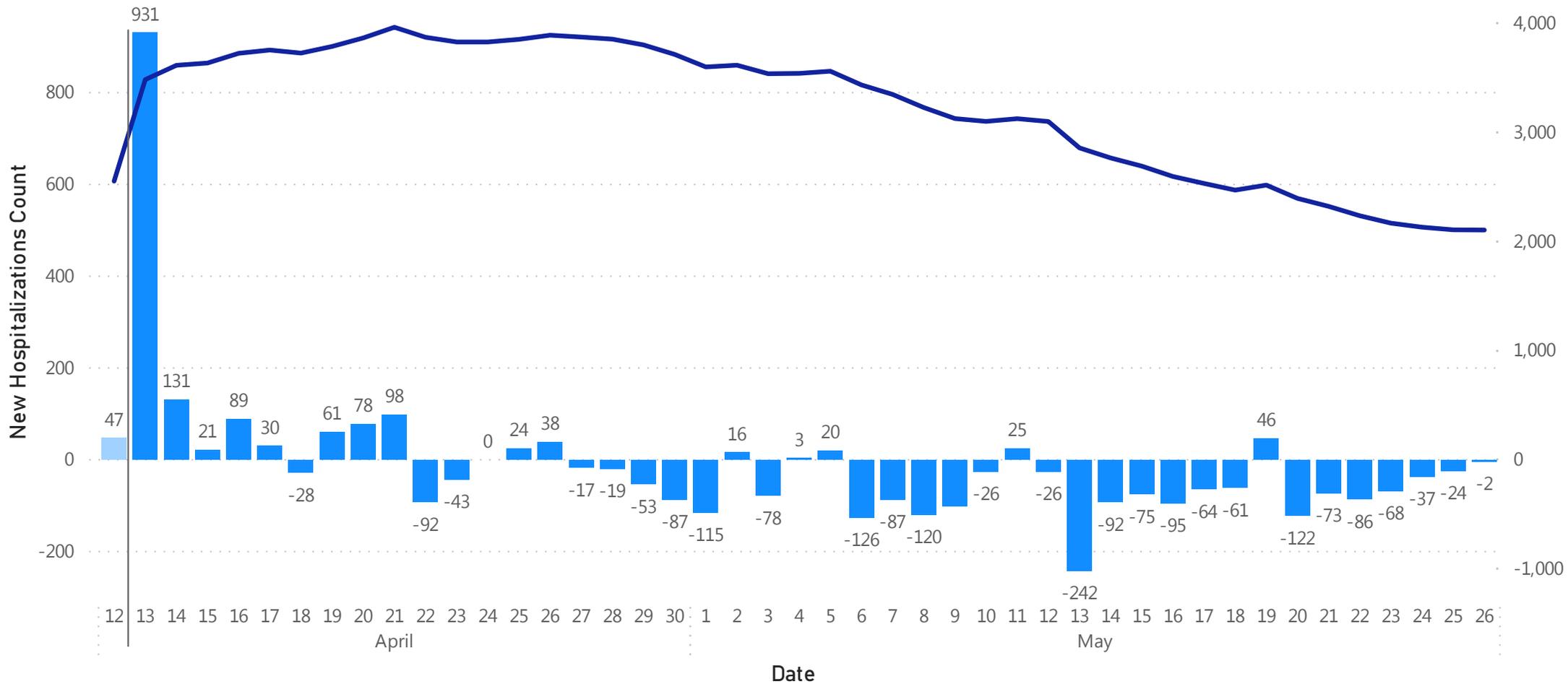
COVID-19 Cases Currently Hospitalized

2,106

Count of Cases Currently in ICU

556

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; *prior to 4/13 only confirmed cases were included in the hospitalization count data (light blue bars); starting 4/13 both confirmed and suspected cases are included (dark blue bars).

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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
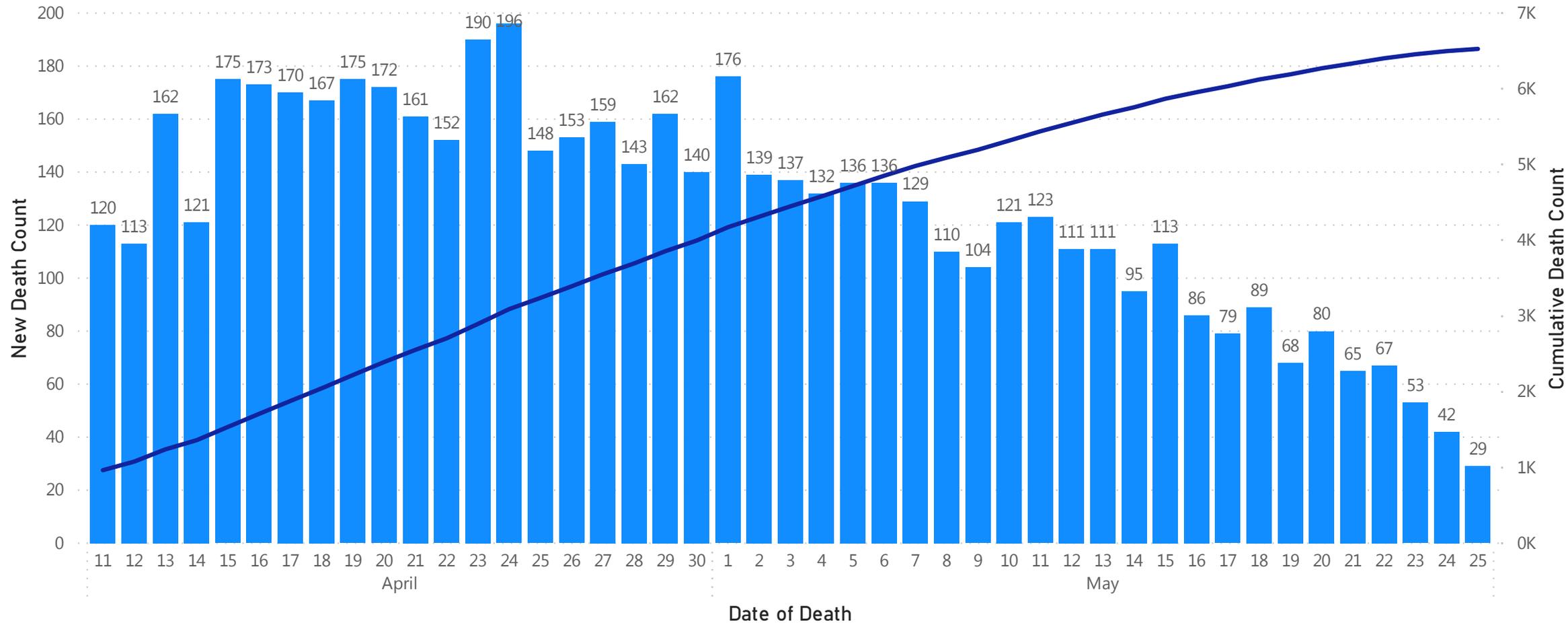
Deaths in Confirmed COVID-19 Cases

6,547

Cases and Case Rate by Age Group

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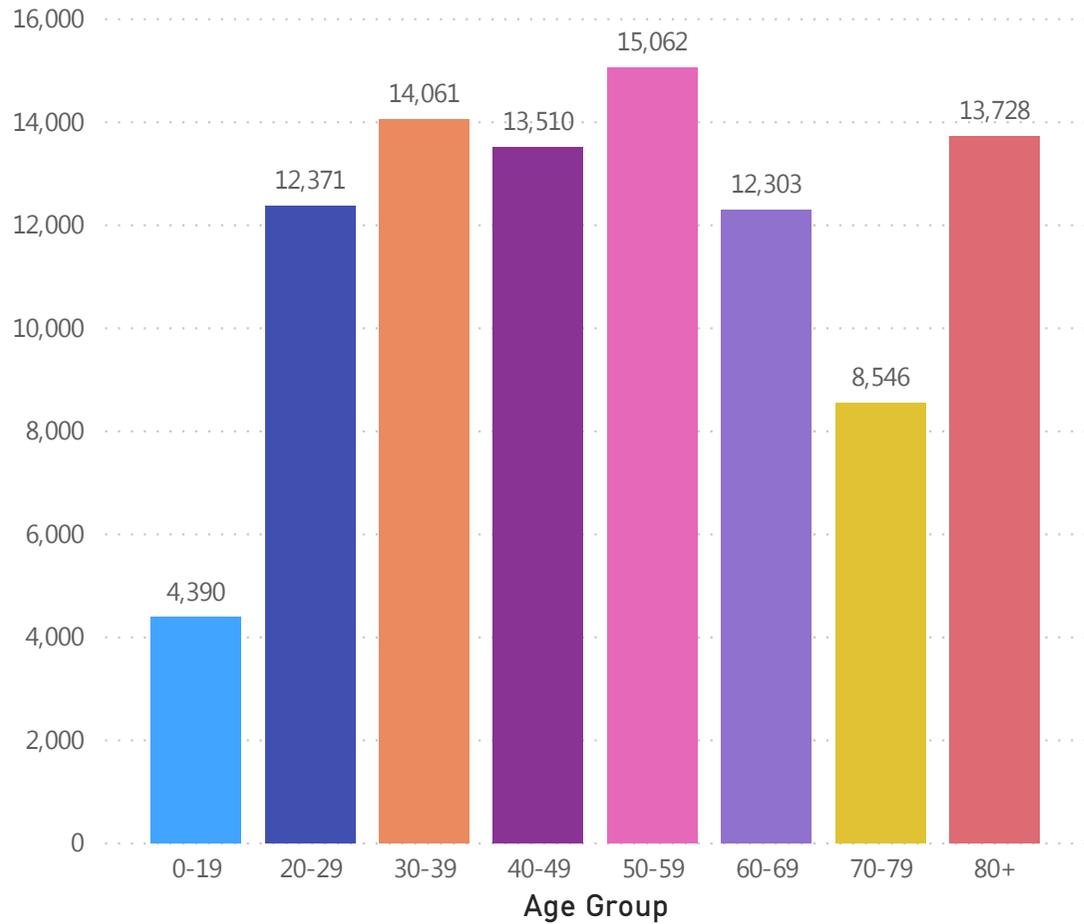
Rate (per 100,000) of Confirmed COVID-19 Cases by Age Group
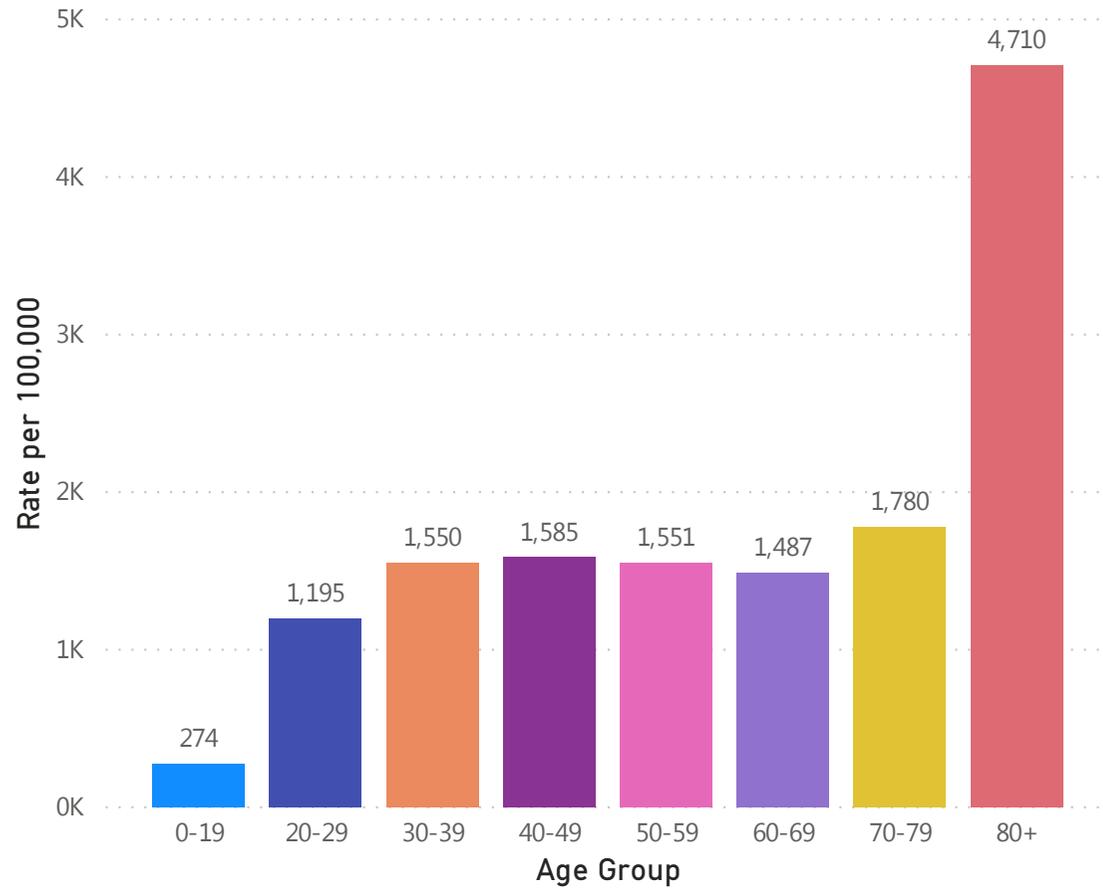
Average age of COVID-19 Cases

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.

Note: all data are cumulative and current as of 10:00am on the date at the top of the page

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Hospitalizations & Hospitalization Rate by Age Group

Confirmed COVID-19 Cases Reported as Hospitalized* by Age Group
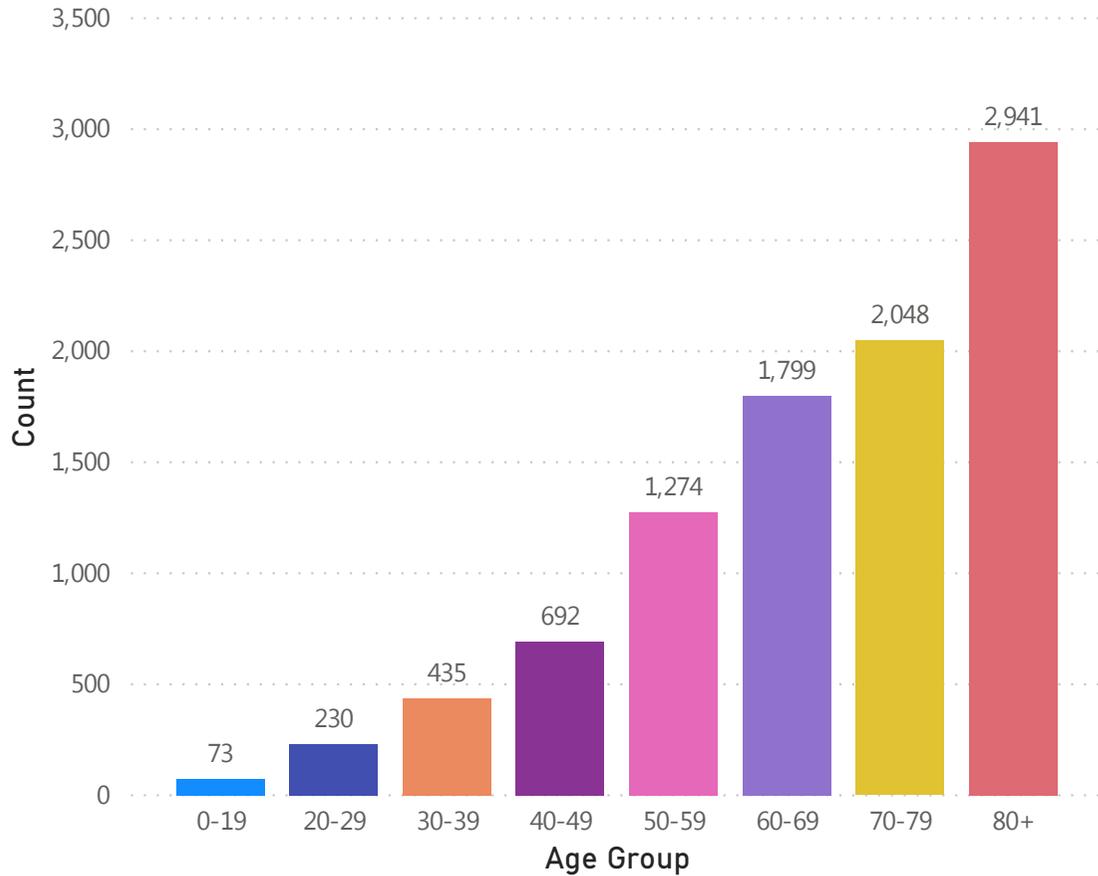
Age Group	Count
0-19	73
20-29	230
30-39	435
40-49	692
50-59	1,274
60-69	1,799
70-79	2,048
80+	2,941

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

Age Group	Hospitalizations per 100,000
0-19	5
20-29	22
30-39	48
40-49	81
50-59	131
60-69	217
70-79	427
80+	1009

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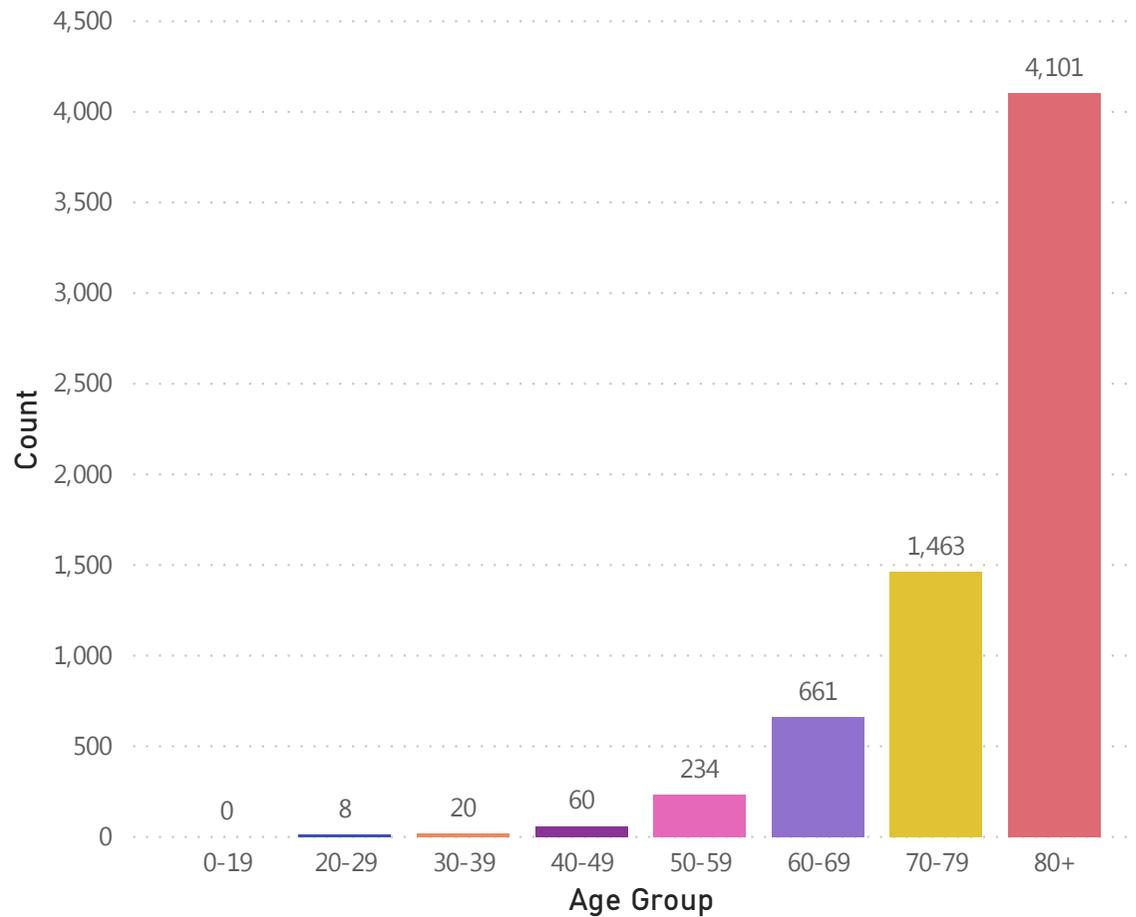
Rate (per 100,000) of COVID-19 Deaths by Age Group
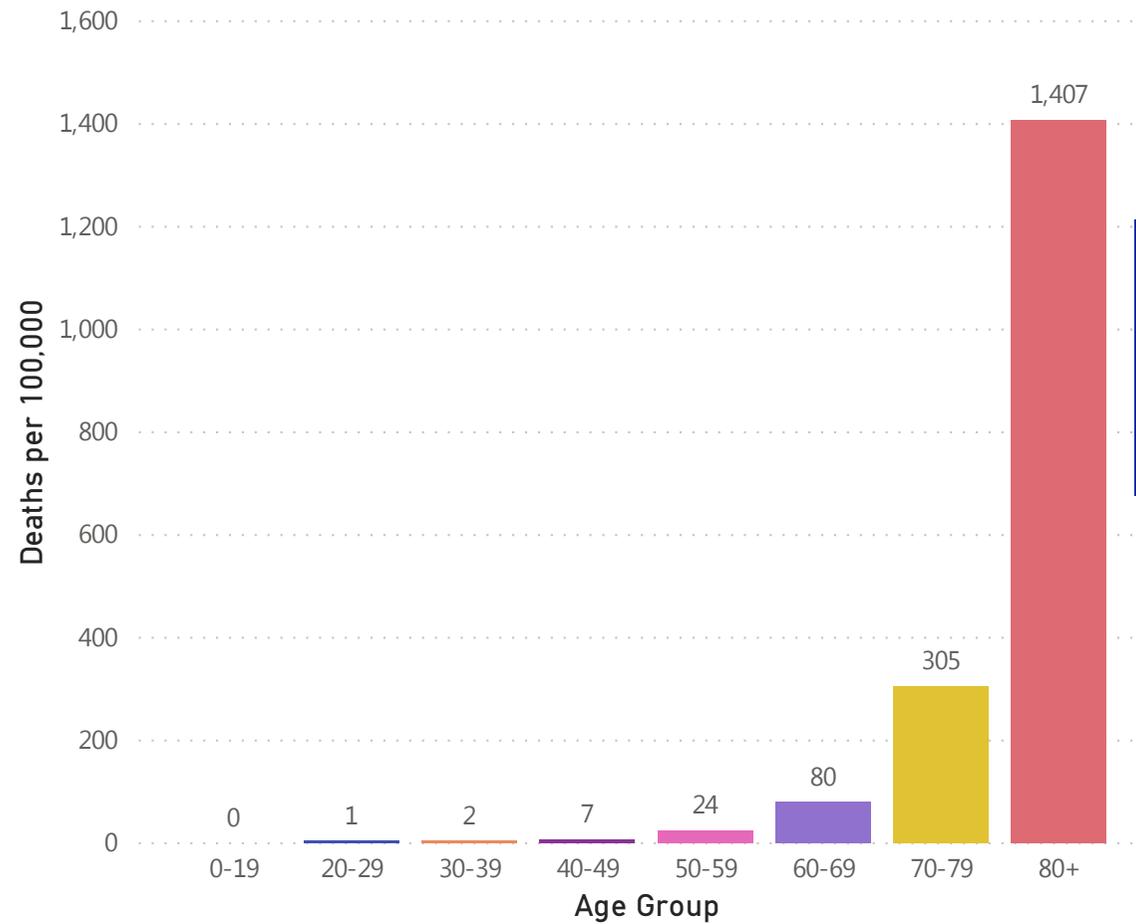
Average Age of Deaths in Confirmed COVID-19 Cases

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

Deaths and Death Rate by County

Count of Deaths in Confirmed COVID-19 Cases by County

County	Death Count
Barnstable	111
Berkshire	40
Bristol	390
Dukes and Nantucket	1
Essex	878
Franklin	47
Hampden	554
Hampshire	82
Middlesex	1,549
Norfolk	794
Plymouth	530
Suffolk	850
Worcester	716
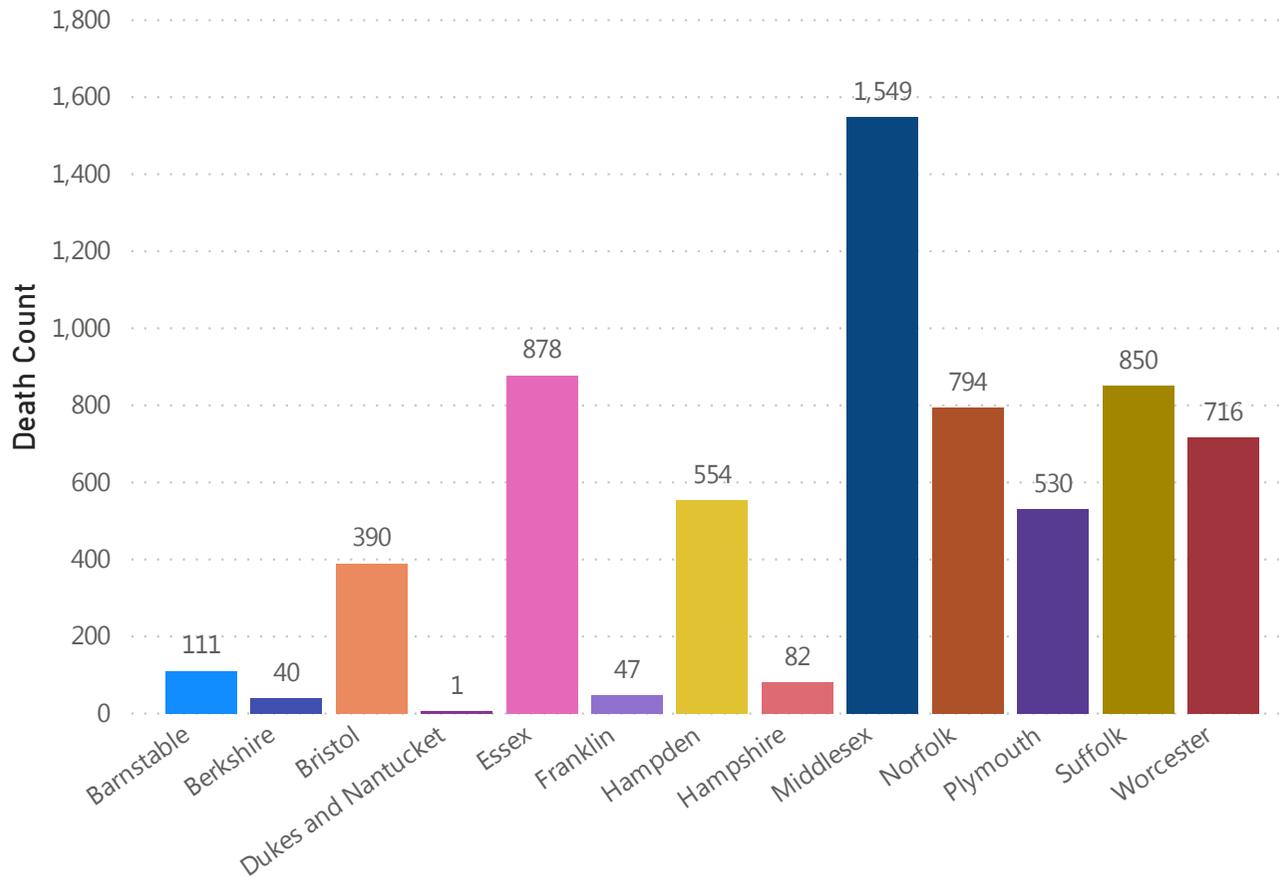
Rate (per 100,000) of COVID-19 Deaths by County
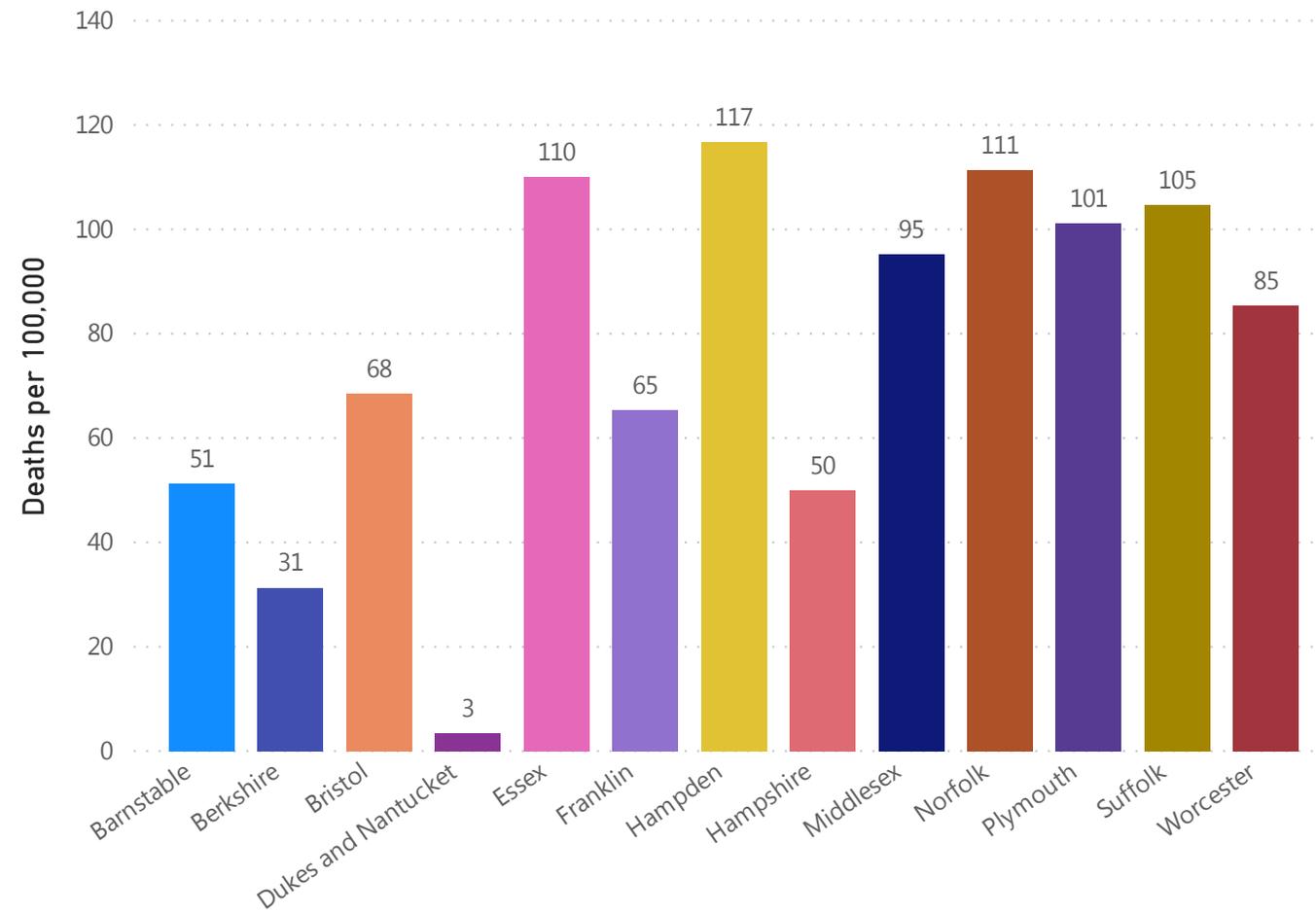
County	Deaths per 100,000
Barnstable	51
Berkshire	31
Bristol	68
Dukes and Nantucket	3
Essex	110
Franklin	65
Hampden	117
Hampshire	50
Middlesex	95
Norfolk	111
Plymouth	101
Suffolk	105
Worcester	85

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+

3,137 (48.0%)

3,405 (52.0%)

● Female ● Male
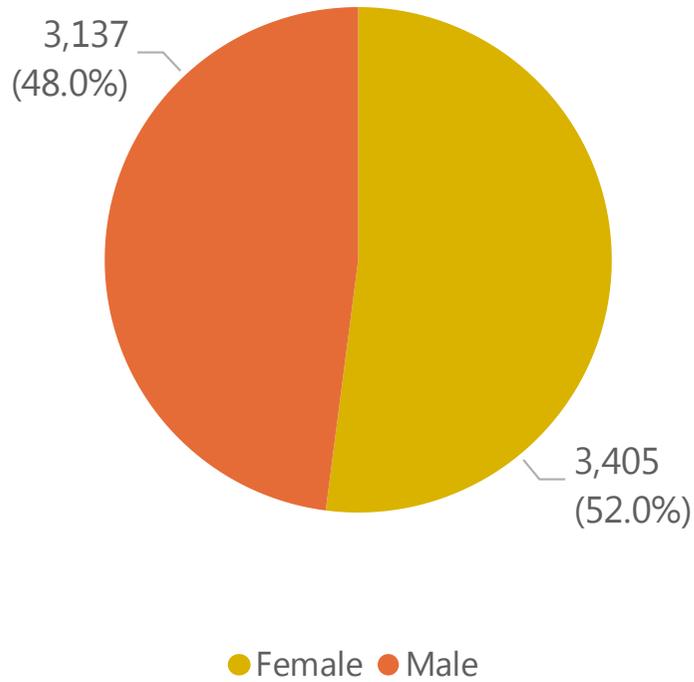
Deaths with a Previous Hospitalization*

781 (11.9%)

2,136 (32.6%)

3,630 (55.4%)

● Yes ● Unknown ● No
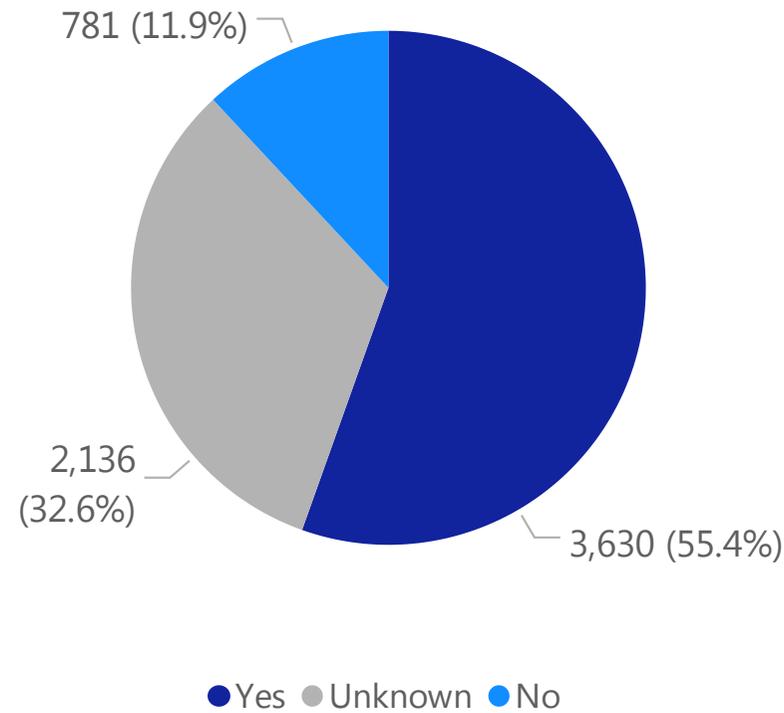
Deaths** with Underlying Conditions
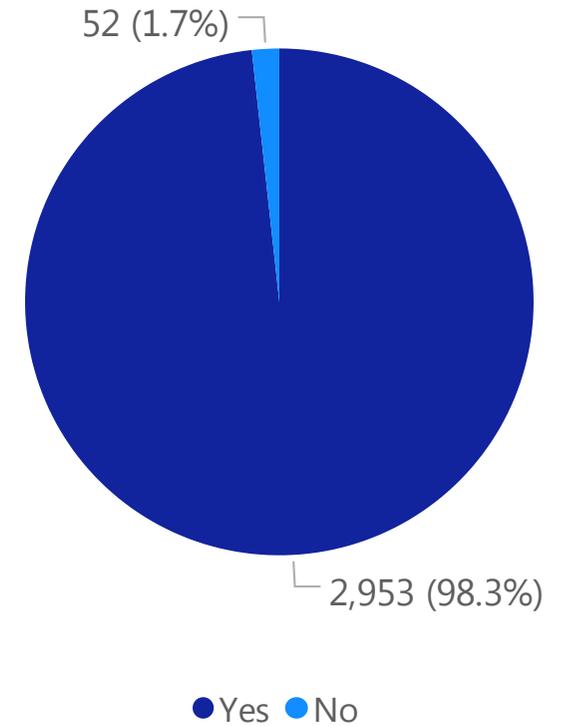
52 (1.7%)

2,953 (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

Massachusetts Department of Public Health COVID-19 Dashboard - Wednesday, May 27, 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.

Cases by Race/Ethnicity

- 4.5%
- 8.9%
- 1.9%
- 40.8%
- 18.0%
- 25.9%

94,220
Total Case Count
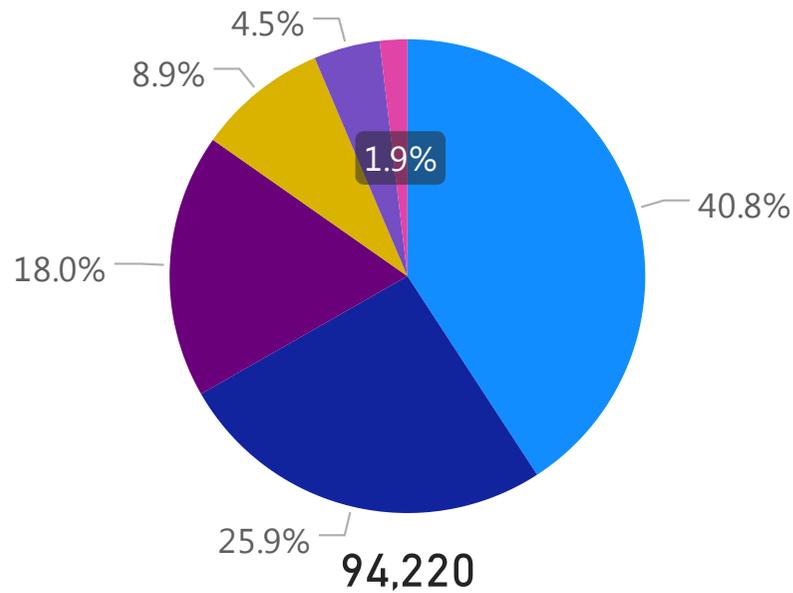
Cases Reported as Hospitalized* by Race/Ethnicity

- 5.7%
- 2.9%
- 9.8%
- 38.0%
- 12.9%
- 30.7%

9,492
Total Cases Reported as Hospitalized

Deaths by Race/Ethnicity

- 3.3%
- 5.1%
- 6.2%
- 1.8%
- 42.2%
- 41.5%

6,547
Total Deaths
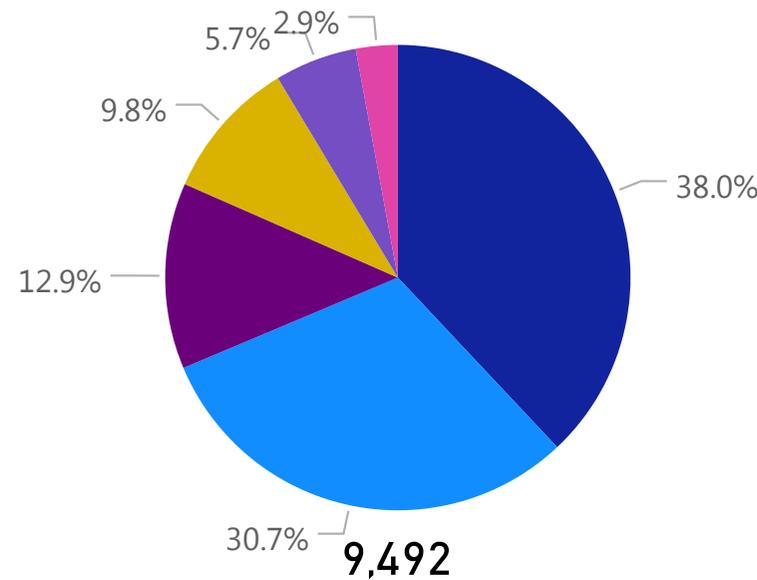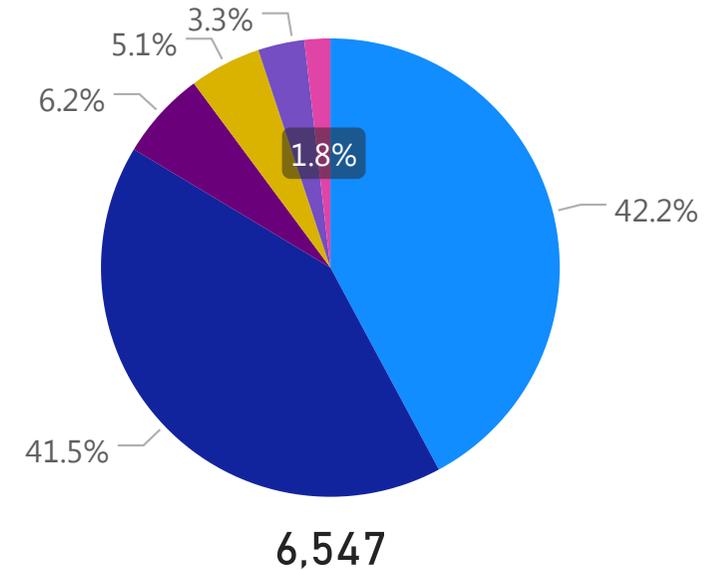
● Hispanic ● Non-Hispanic Asian ● Non-Hispanic Black/African American ● Non-Hispanic Other ● Non-Hispanic White ● Unknown/Missing

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

20,267

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

348

COVID-19 Deaths Reported in Long-Term Care Facilities

4,041

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

Total Hospital Capacity by Region

Data collected as of 5/26/2020 5:00pm
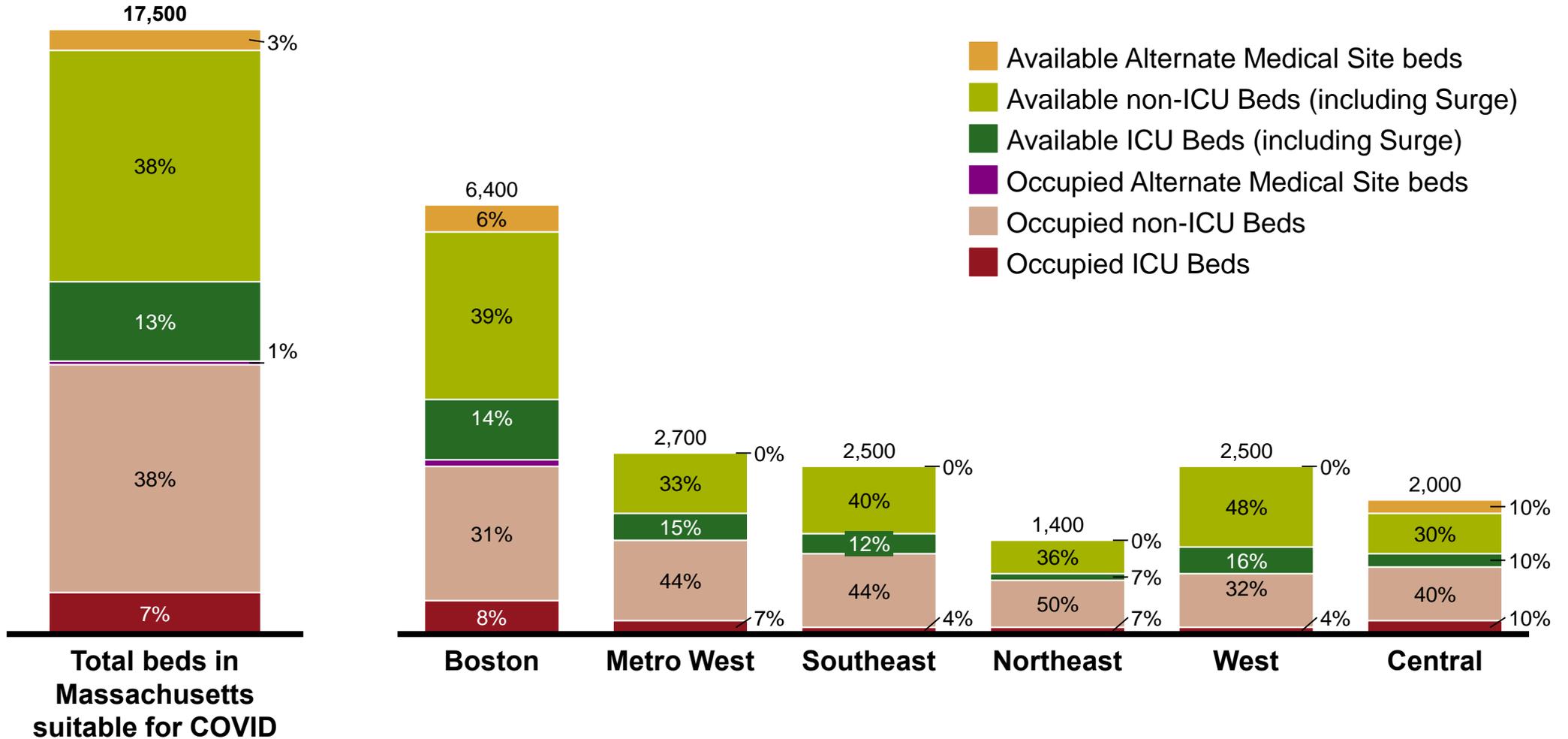
Occupancy/ availability as reported by hospitals to DPH.

Regions shown represent EOHHS Regions. Note that total bed estimates may change day-to-day due to hospitals updating surge planning.
This data includes 4,600 unstaffed surge beds. Available AMS beds may change over time

COVID Patient Census by Hospital (1/2)

Data collected as of 5/26/2020 5:00pm

Hospital Name	Hospital county and zip code	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID Patients in ICU - suspected and confirmed
Addison Gilbert Hospital	Essex - 01930	0	0
Anna Jaques Hospital	Essex - 01950	15	4
Athol Memorial Hospital	Worcester - 01331	0	0
Baystate Franklin Medical Center	Franklin - 01301	4	0
Baystate Medical Center	Hampden - 01199	55	16
Baystate Noble Hospital	Hampden - 01085	2	0
Baystate Wing Hospital	Hampden - 01069	8	0
Berkshire Medical Center	Berkshire - 01201	3	0
Beth Israel Deaconess Hospital - Milton	Norfolk - 02186	8	0
Beth Israel Deaconess Hospital - Needham	Norfolk - 02492	16	4
Beth Israel Deaconess Hospital - Plymouth	Plymouth - 02360	39	4
Beth Israel Deaconess Medical Center	Suffolk - 02215	137	50
Beverly Hospital	Essex - 01915	43	6
Boston Childrens Hospital*	Suffolk - 02115	10	4
Boston Medical Center	Suffolk - 02118	98	31
Brigham and Womens - Faulkner	Suffolk - 02130	41	6
Brigham and Womens Hospital	Suffolk - 02115	92	31
Brockton Hospital	Plymouth - 02302	35	8
Cambridge Hospital	Middlesex - 02139	37	10
Cape Cod Hospital	Barnstable - 02601	10	5
Carney Hospital	Suffolk - 02124	44	12
Clinton Hospital	Worcester- 01510	2	0
Cooley Dickinson Hospital	Hampshire - 01060	19	5
Dana Farber Cancer Institute*	Suffolk - 02215	0	0
Emerson Hospital	Middlesex - 01742	25	2
Fairview Hospital	Berkshire - 01230	0	0
Falmouth Hospital	Barnstable - 02540	4	3
Good Samaritan Medical Center	Plymouth - 02301	46	6
Harrington Hospital	Worcester - 01550	2	2
Health Alliance-Leominster	Worcester - 01453	21	6
Heywood Hospital	Worcester - 01440	10	1
Holy Family Hospital	Essex - 01844	18	5
Holyoke Hospital	Hampden - 01040	9	1
Lahey Hospital Burlington	Middlesex - 01805	62	20

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

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COVID Patient Census by Hospital (2/2)

Data collected as of 5/26/2020 5:00pm

Hospital Name	Hospital county and zip code	Hospitalized Total COVID patients - suspected and confirmed (including ICU)	Hospitalized COVID Patients in ICU - suspected and confirmed
Lahey Hospital Peabody	Essex - 01960	0	0
Lawrence General Hospital	Essex - 01841	37	11
Lowell General Hospital	Middlesex - 01854	48	9
Marlborough Hospital	Middlesex - 01752	15	8
Marthas Vineyard Hospital	Dukes - 02557	0	0
Massachusetts Eye and Ear Infirmary*	Suffolk - 02114	4	0
Massachusetts General Hospital	Suffolk - 02114	208	60
Melrose Wakefield Hospital	Middlesex - 02176	14	4
Mercy Medical Center	Hampden - 01104	21	6
Merrimack Valley Hospital	Essex - 01830	0	0
MetroWest Medical Center Framingham	Middlesex - 01702	45	14
MetroWest Medical Center Natick	Middlesex - 01760	10	3
Milford Regional Medical Center	Worcester - 01757	19	2
Morton Hospital	Bristol - 02780	29	5
Mount Auburn Hospital	Middlesex - 02138	40	9
Nantucket Cottage Hospital	Nantucket - 02554	0	0
Nashoba Valley Medical Center	Middlesex - 01432	0	0
New England Baptist Hospital	Suffolk - 02120	0	0
Newton-Wellesley Hospital	Middlesex - 02462	48	9
North Shore Medical Center Salem	Essex - 01970	90	17
Norwood Hospital	Norfolk - 02062	25	5
Saint Vincent Hospital	Worcester - 01608	46	13
Saints Memorial Medical Center	Middlesex - 01852	0	0
South Shore Hospital	Norfolk - 02190	61	14
Southcoast Charlton Memorial Hospital	Bristol - 02720	68	20
St Annes Hospital	Bristol - 02721	0	0
St Elizabeths Medical Center	Suffolk - 02135	24	8
St Lukes Hospital	Bristol - 02740	39	8
Sturdy Memorial Hospital	Bristol - 02703	21	4
Tobey Hospital	Plymouth - 02571	20	4
Tufts Medical Center	Suffolk - 02111	62	24
UMass Memorial-Memorial Campus	Worcester - 01605	66	14
UMass Memorial-University Campus	Worcester - 01655	108	42
Winchester Hospital	Middlesex - 01890	23	1

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