

MA DPH COVID-19 Dashboard

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Massachusetts Department of Public Health | COVID-19 Dashboard

Today at a Glance

Released on: April 20, 2022
Data as of: April 19, 2022
Caution: recent data may be incomplete

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Data Archive

For data on
COVID-19 variants,
click here
(CDC website)

Cases

Confirmed Cases

Today there were **1,853** new, confirmed cases reported bringing the total to **1,596,013** total confirmed cases.

Probable Cases

Today, there were **133** new, probable cases reported bringing the total to **137,143** total probable cases.

Testing

Tests Reported

There were **47,773** new COVID-19 molecular tests reported, bringing the cumulative total to **43,329,885** tests.

Percent Positivity

The 7-day average of percent positivity is **4.34%**.

Hospitalizations

Hospitalizations

There are **373** patients hospitalized for COVID-19.

ICU & Intubated Patients

There are **29** patients in Intensive Care Units (ICU) and **10** patients are intubated.

Deaths

Confirmed Deaths

There were **24** new, confirmed deaths reported. There have been **19,085** confirmed deaths in total.

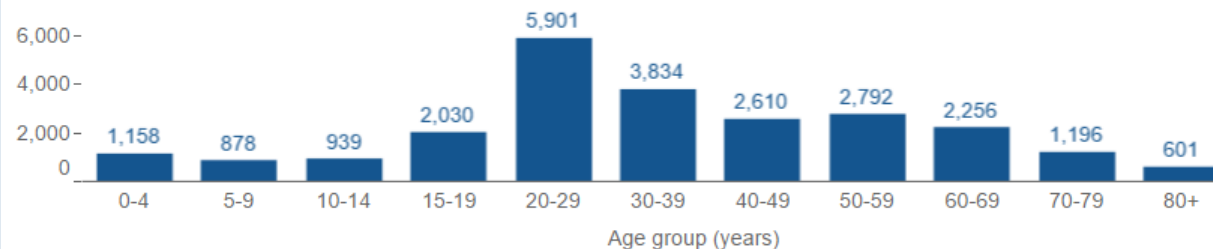
Probable Deaths

There were **3** new, probable deaths reported. There have been **1,123** probable deaths in total.

Average Age of Deaths

The average age of patients who died of COVID-19 was **79** years old.

Confirmed cases by age during the last two weeks *Data updated weekly



For details on the definitions of each indicator hover over the box or graph. All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; COVID-19 Hospitalization Data provided by the MDPH survey of hospitals (hospital survey data are self-reported); Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Trends: 7-day Averages Over Time

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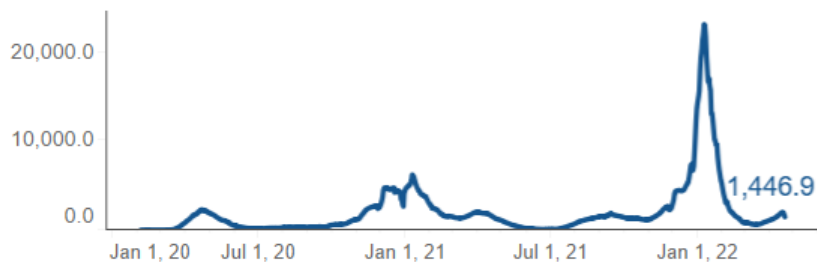
Resources

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Select a time period
All time

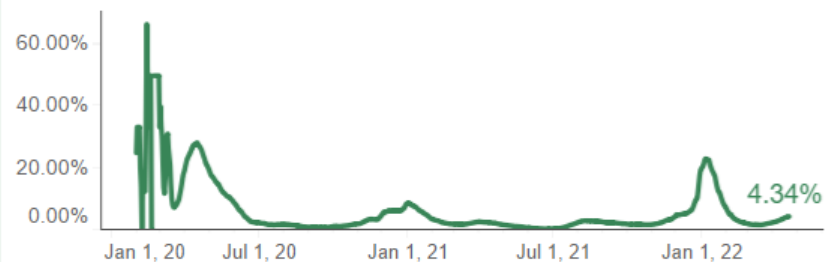
Cases

7-day average of COVID-19 confirmed cases



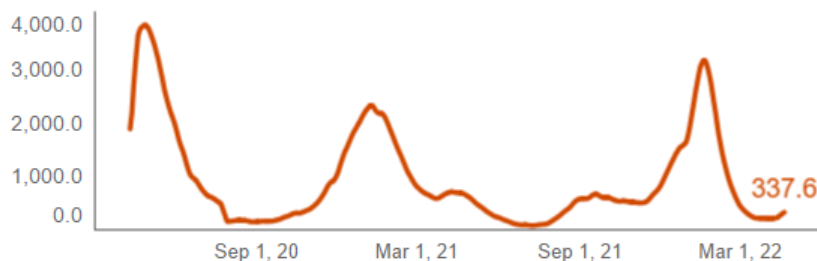
Testing

7-day weighted average percent positivity



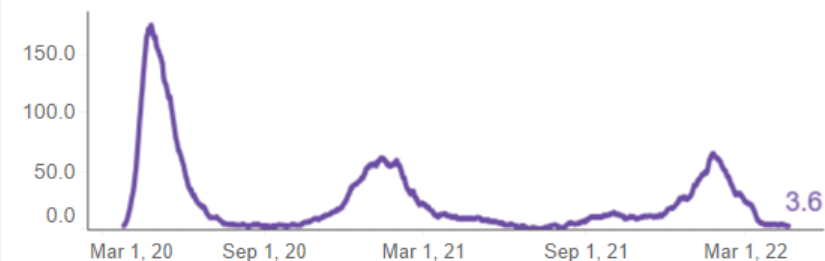
Hospitalizations

7-day average of hospitalizations



Deaths

7-day average of confirmed deaths



The lowest observed value is since tracking of the lowest value began on April 15, 2020. For details on the definitions of each indicator please see the corresponding tab for that indicator. All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Cases of COVID-19

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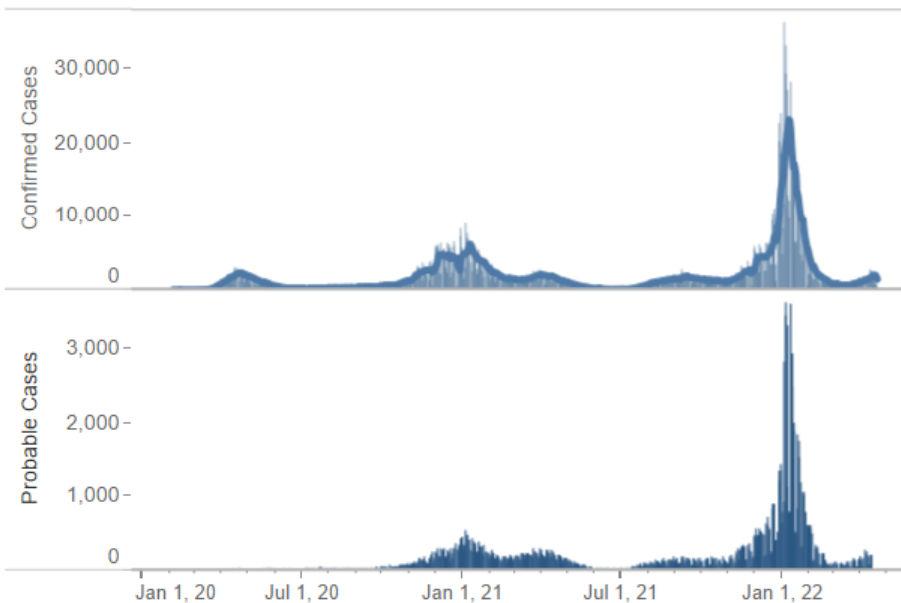
Cases Over Time

Contact Tracing

Clusters

COVID-19 Confirmed and Probable Cases: All time

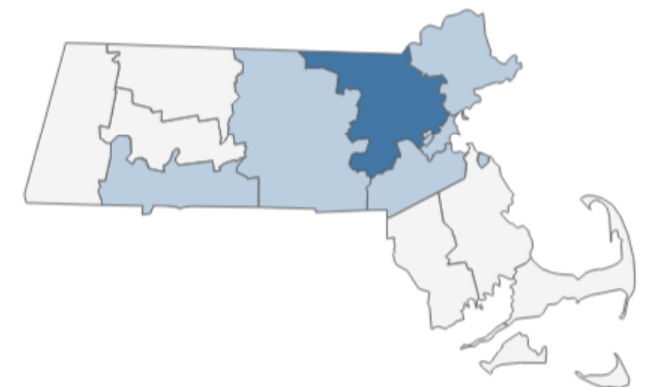
Select a time period
All time



New confirmed cases reported by county, April 20, 2022

Select new or total cases
New confirmed cases

Select a date*
4/20/2022



4 580

All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics. Case counts for specific cities, towns, and counties change as data cleaning occurs (removal of duplicate reports within the system) and new demographic information (assigning cases to their city or town of residence) is obtained.

*The most recent 30 days of data are viewable on this map. To view data outside of this range, please visit our data archive and download the raw data.



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Cases of COVID-19

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Filter by time period

☒ Cumulative

☐ Last two weeks

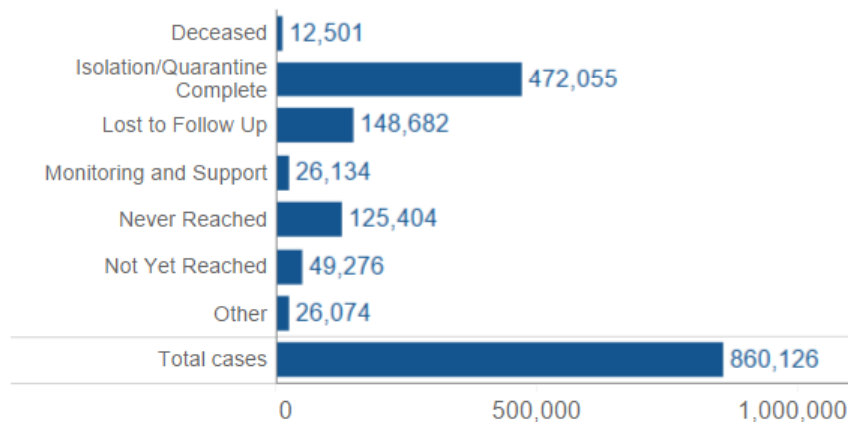
The Cumulative time period includes data from April 10, 2020 to December 18, 2021.

CTC workforce

The Community Tracing Collaborative had **463** workers performing case investigation, contact tracing, and monitoring as of December 21, 2021.

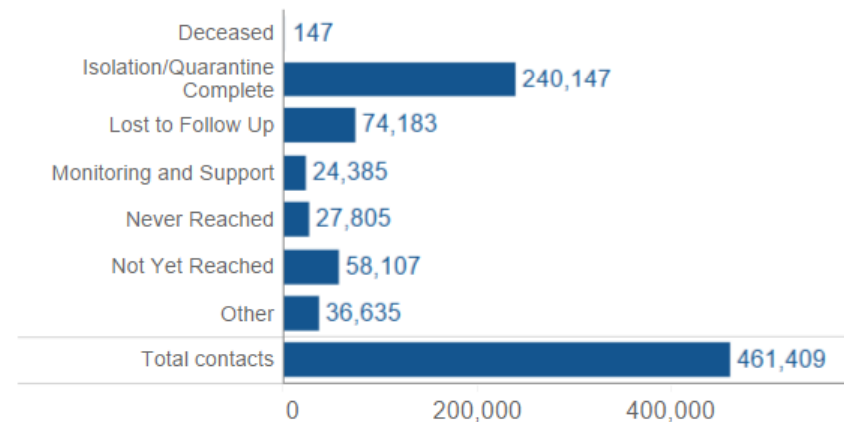
Due to the closing of the Community Tracing Collaborative, the final update of this page was on 12/23/2021 and it will not be updated after this date.

Cases outreach outcomes: Cumulative



79.7% of outreach to all cases (cumulative) is complete

Contacts outreach outcomes: Cumulative



81.4% of outreach to all contacts (cumulative) is complete

All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics. The COVID-19 Community Tracing Collaborative (CTC) began operation on April 10, 2020. Data on contact tracing and clusters reflect the combined efforts of the Local Health Departments, Massachusetts Department of Public Health (MDPH) and the CTC since that date. Prior to April 10, 2020, all COVID-19 contact tracing in Massachusetts was conducted by Local Health Departments.



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Cases Over Time

Current clusters of COVID-19

Due to changes in case investigation and contact tracing protocols, current cluster reports are not comprehensive and may not represent current trends in COVID transmission. Data as of 1/1/2022 are not comparable with earlier data.

There are currently **6,767** total clusters of COVID-19 involving **8,682** confirmed cases and **2** close contacts.

There are **3,043** new clusters involving **7,594** confirmed cases and **2** close contacts. New clusters are clusters where the first case was identified during the past four weeks, between **March 13, 2022** and **April 9, 2022**.

There are also **3,724** ongoing clusters involving **1,088** confirmed cases and **0** close contacts.

Closed clusters

There are **274,349** closed clusters and **834,884** closed cases. A cluster is closed when 28 days have passed since the last confirmed case. Cases are considered closed if they occurred prior to the start of the four-week period.

Contact Tracing

Clusters

[Click here to see number of cases and contacts](#)

Filter by exposure setting
All

[Scroll down to see additional data](#)

Number of **total**, **new**, and **ongoing** clusters by exposure setting

	Total clusters	New clusters	Ongoing clusters
24/7 Congregate Settings	4	1	3
Child Care	3	1	2
Colleges & Universities	0	0	0
Corrections	3	0	3
Hospitals	2	0	2
Household	6,570	2,982	3,588
Industrial Settings	3	2	1
K-12 Schools			

All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences Massachusetts Department of Public Health. Long Term Care Facility Data from the National Healthcare Safety Network. Only clusters consisting of two or more confirmed Massachusetts cases with a common exposure have been included.



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COVID-19 Testing

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Select a time period
All time

Tests Reported

There were **47,773** new COVID-19 molecular tests reported, bringing the cumulative total to **43,329,885** tests.

Total Antigen Tests

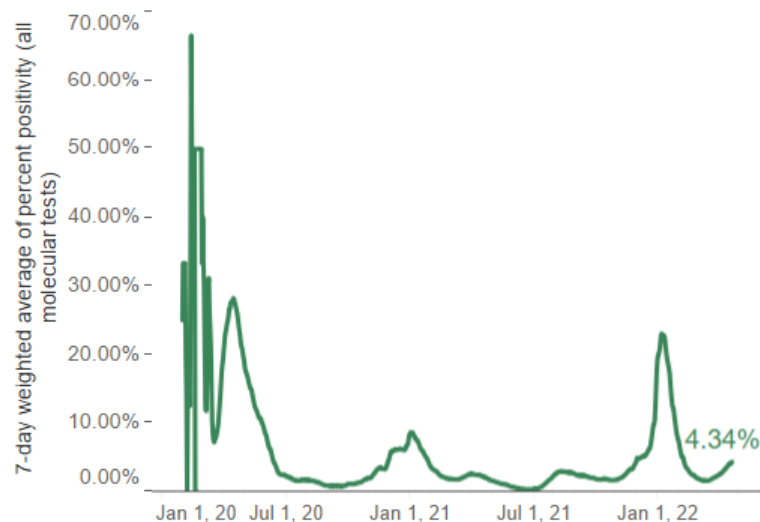
There were **9,500** new antigen tests reported today, bringing the total to **4,579,736** antigen tests.

Percent Positivity

The 7-day average of percent positivity is **4.34%**.

[Click here to see graphs on the numbers of tests](#)

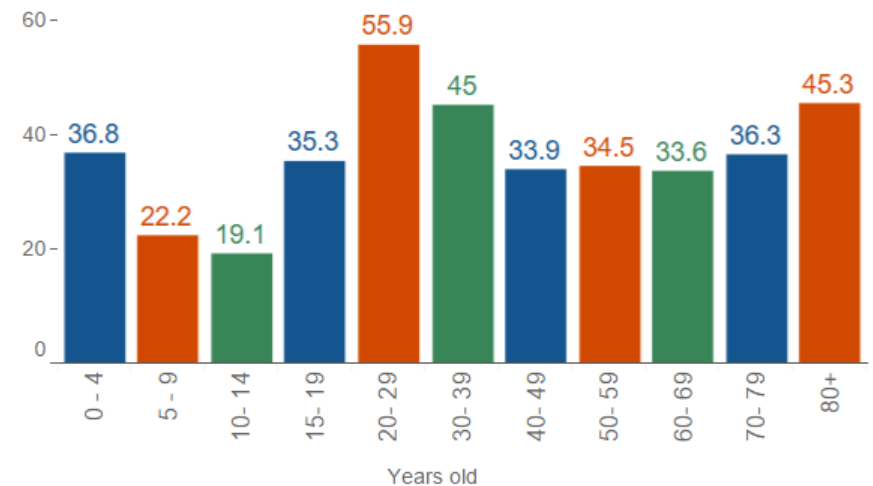
Percent positivity among Massachusetts residents: All time



Select data
Rate of positive tests

Select date
4/17/2022

Rate of positive tests by age group, week of 4/17/2022



*The most recent 4 weeks of data are viewable on this graph. To view data outside of this range, please visit our data archive and download the raw data.
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Hospitalizations from COVID-19

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Hospitalizations

On April 19, 2022 there were **373** patients hospitalized for COVID-19.

Of those 373 patients, **226 (61%)** were reported to be fully vaccinated for COVID-19 when they contracted COVID-19.

Of those 373 hospitalized patients, **107 (29%)** were primarily hospitalized for COVID-19 related illness.**

Graph selections

Time period
All time

Data fill (orange part of the graph)
Patients reported to be fully vaccinated

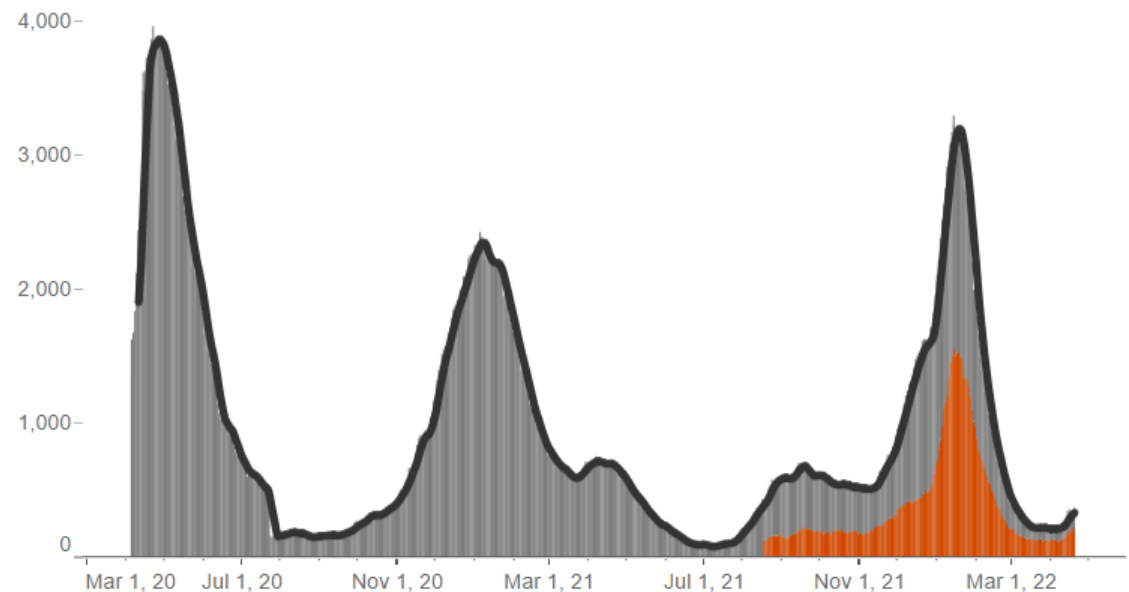
ICU & Intubation

Patient Demographics

Bed Occupancy

Number of COVID-19 patients in the hospital, 7-day average, and Patients reported to be fully vaccinated: All time

*Data on patients reported to be fully vaccinated were first collected on 8/16/2021 and are not available for prior dates.



**Patients are reported as being hospitalized due to COVID-19 if they received dexamethasone treatment. Administration of dexamethasone, a type of steroid medication, is considered an indicator of moderate to severe COVID-19 and provides an estimate of primary COVID-19. Hospitalization data provided by the MDPH hospital survey (survey data are self-reported by hospitals). NOTE: Self-reported hospital data are generally posted the next day. Friday's data are posted on Monday and Saturday-Monday data are posted Tuesday. Data are reported and shown broken-down by day, including Saturday and Sunday. All data included in this dashboard are preliminary and subject to change. Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Patient Demographics

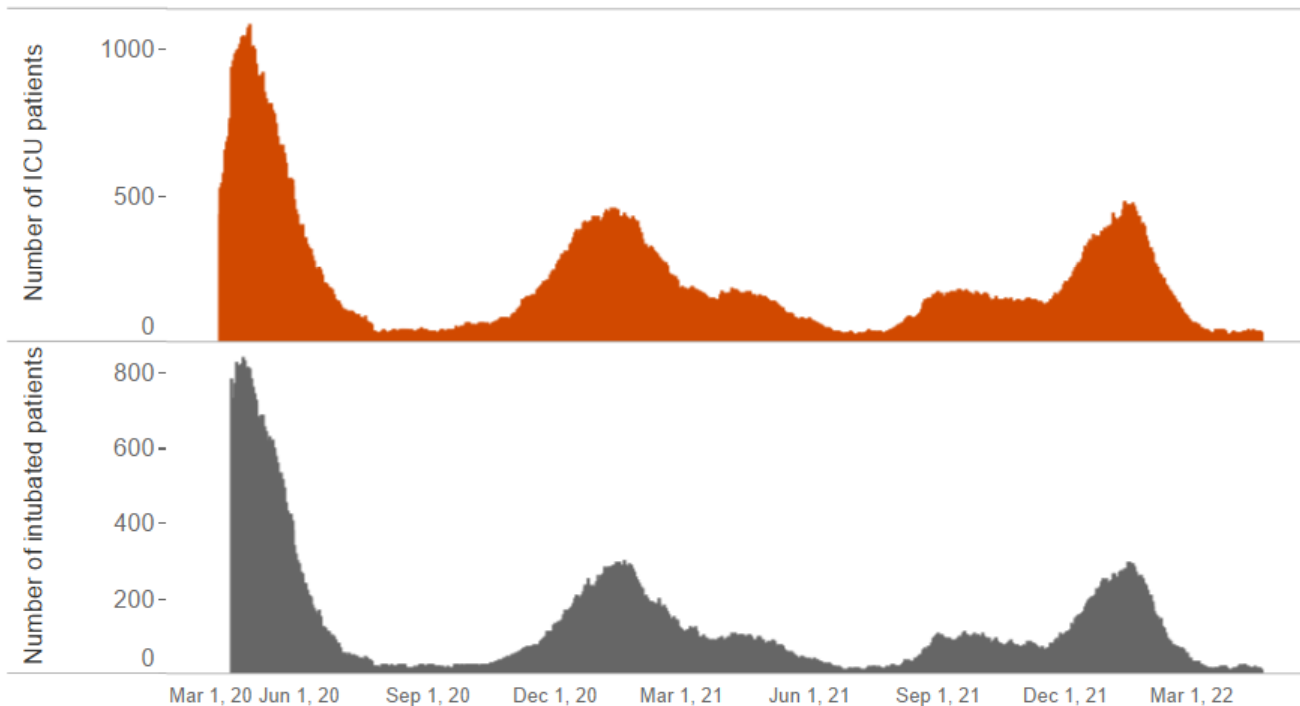
Bed Occupancy

ICU & Intubated Patients

There are **29** patients in Intensive Care Units (ICU) and **10** patients are intubated.

Select a time period
All time

Number of COVID-19 patients in the ICU and who are intubated: All time



Hospitalization data provided by the MDPH hospital survey (hospital survey data are self-reported). All data included in this dashboard are preliminary and subject to change. Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Select hospitalization rate or count

- ☐ Number of admissions during the last two weeks
☒ Rate of admissions during the last two weeks

Select a patient characteristic

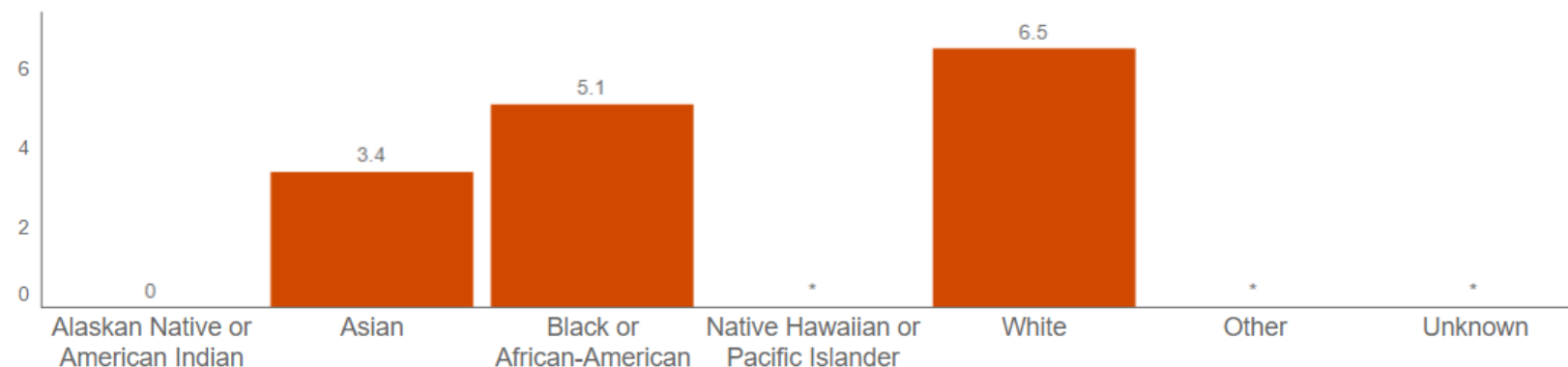
- ☐ Age
☐ Gender
☐ Hispanic Ethnicity
☒ Race

Select report date

4/14/2022

The report date April 14, 2022 shows data on patients admitted to hospitals between March 27, 2022 and April 9, 2022.

Rate of admissions during the last two weeks by Race



*Cells with fewer than 5 observations have been suppressed. Groups without population estimates, such as other/ unknown, will not have rates listed. All data included in this dashboard are preliminary and subject to change. The most recent 4 weeks of data are viewable on this page. To view data outside of this range, please visit our data archive and download the raw data. The demographic data shown are subsets of confirmed COVID admissions, which by definition include only patients who had confirmed COVID-19 at the time of admission. The number of total people reported within each demographic characteristic group (age group, gender, race, and ethnicity) may not equal the total number of people reported in the other demographic characteristic groups. Patients admitted with COVID who test positive after admission are not included. Data are provided by the MDPH hospital survey (hospital survey data are self-reported). These hospitalization data should not be compared to previously reported demographics of hospitalized patients as they come from a different data source. MDPH calculates rates per 100,000 population using denominators estimated by the University of Massachusetts Donahue Institute using a modified Hamilton-Perry model (Strate S, et al. Small Area Population Estimates for 2011 through 2020, report, Oct 2016.) All data included in this dashboard are preliminary and subject to change. Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Hospitalizations from COVID-19

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Select a date*
4/19/2022

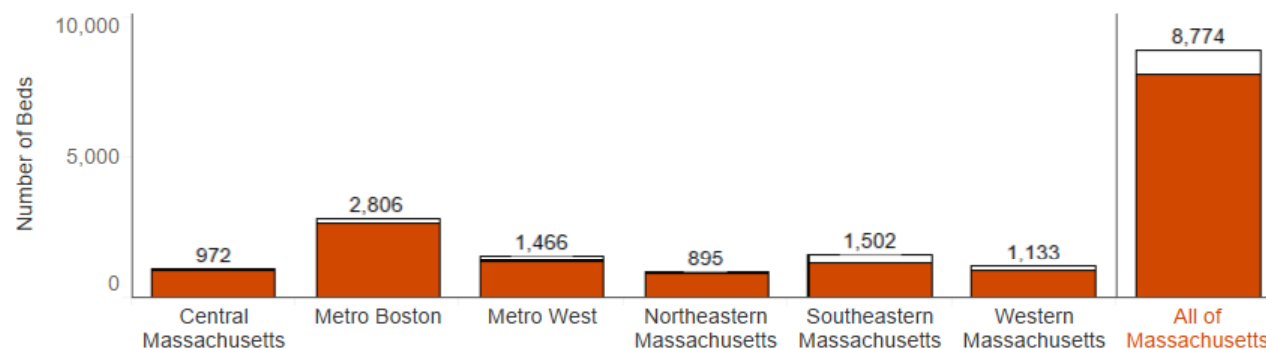
Occupied beds

On April 19, 2022, **90%** of medical/surgical beds were occupied and **77%** of ICU beds were occupied.

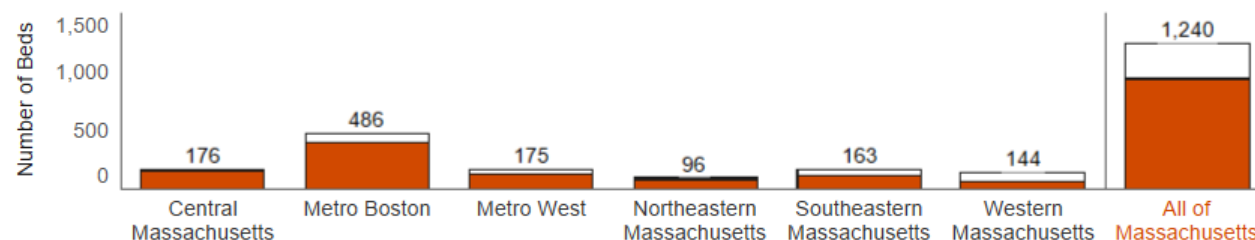
There were **0** beds occupied through alternate medical sites.

*The most recent 4 weeks of data are viewable on this page by using the "select a date" menu above. To view data outside of this range, please visit our data archive and download the raw data.

Available and **occupied** medical/surgical (not ICU) beds by region: April 19, 2022



Available and **occupied** ICU beds by region: April 19, 2022



Hospitalization data provided by the MDPH hospital survey (hospital survey data are self-reported). All data included in this dashboard are preliminary and subject to change. Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



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Deaths Caused by COVID-19

Released on: April 20, 2022
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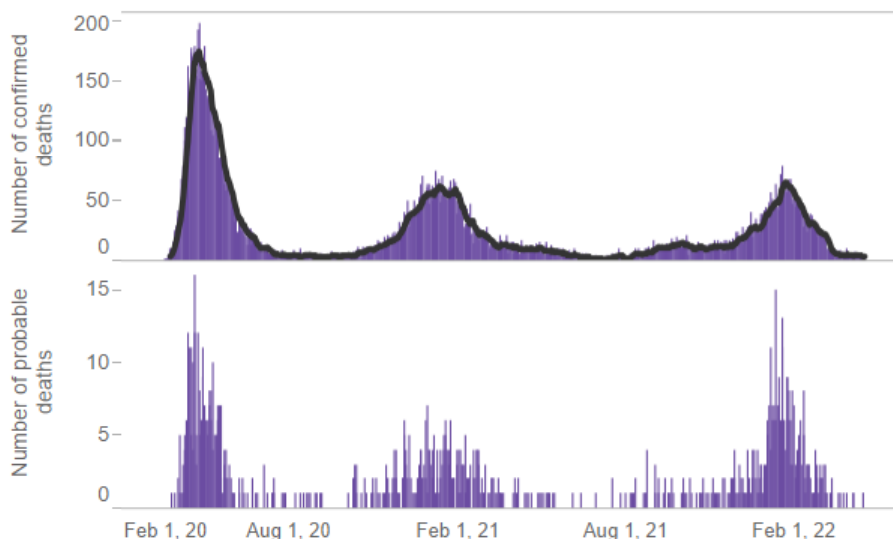
Confirmed Deaths

There were **24** new, confirmed deaths reported. There have been **19,085** confirmed deaths in total.

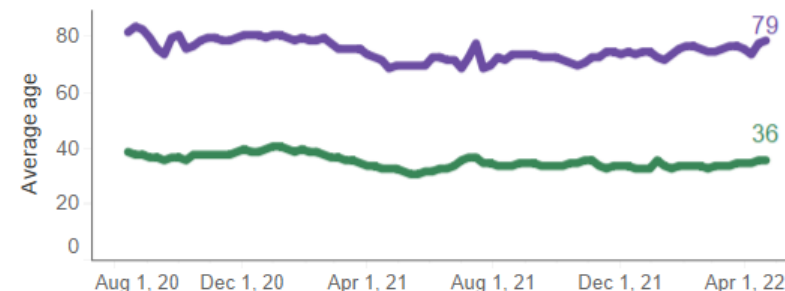
Probable Deaths

There were **3** new, probable deaths reported. There have been **1,123** probable deaths in total.

Number of **COVID-19 confirmed deaths**, probable **COVID-19 deaths**, and 7-day average of confirmed deaths: All time



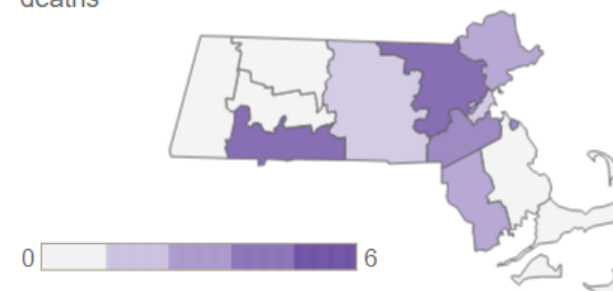
Average ages of people who tested positive for and died of COVID-19



New confirmed and probable deaths reported by county

Select new or total deaths
New confirmed and probable deaths

Select a date*
4/20/2022



All data included in this dashboard re preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics. Case counts for specific cities, towns, and counties change as data cleaning occurs (removal of duplicate reports within the system) and new demographic information (assigning cases to their city or town of residence) is obtained.

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Select a time period
All time



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Indicators on Higher Education Institutions and Long Term Care Facilities

Released on: April 20, 2022
Data as of: April 19, 2022
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Higher Education

Cases and testing associated with testing at higher education institutions

In the last week, there were **2,566** new case(s) associated with higher education testing. This brings the total to **80,349** confirmed cases associated with higher education testing.

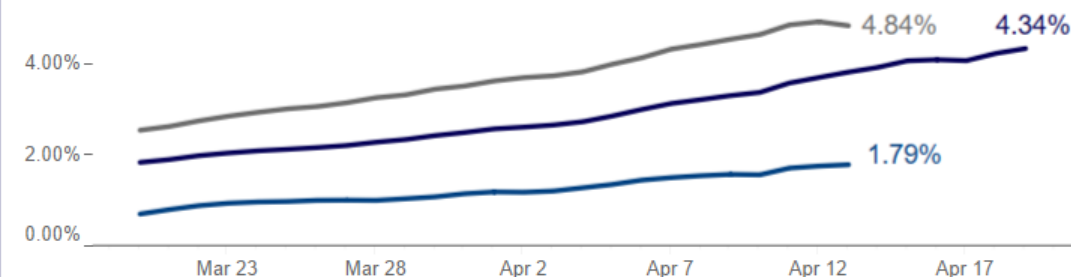
In the last week, there were **140,758** new tests associated with higher education testing. This brings the total to **15,408,882** tests associated with higher education testing.

Long Term Care Facilities

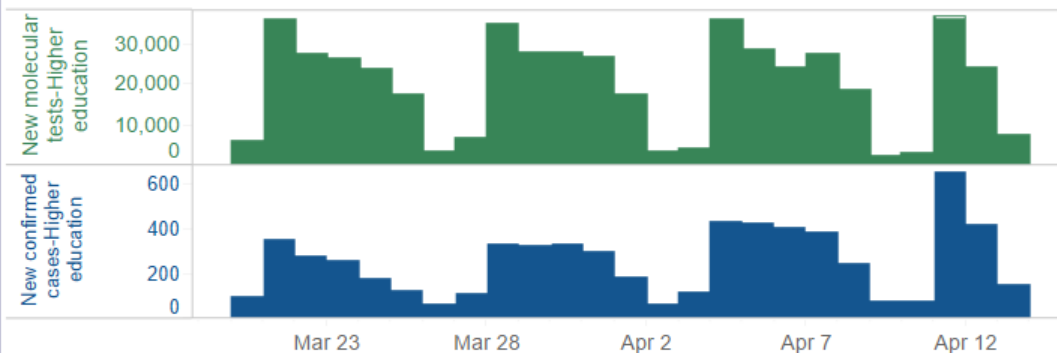
Cases and deaths in long-term care facilities are no longer being reported on the daily dashboard and are available in the Chapter 93 data here:
<https://www.mass.gov/info-details/covid-19-response-reporting#covid-19-chapter-93-data->

Data are reported according to federal CMS and CDC's National Healthcare Safety Network criteria:
<https://www.cdc.gov/nhsn/pdfs/covid19/lcfc/57.144-toi-508.pdf>

Percent positivity over the last four weeks* for all of Massachusetts, for MA without higher education institutions, and for higher education institutions on their own



Number of molecular tests and confirmed cases associated with higher education testing over the last four weeks*



*The most recent 4 weeks of data are viewable on these graphs. To view data outside of this range, please visit our data archive and download the raw data. All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics.



Massachusetts Department of Public Health | COVID-19 Dashboard

Data by Patient Age, Sex, Race, and Hispanic Ethnicity

The report on April 14, 2022 reflects data from the two week period March 27, 2022 to April 11, 2022.
*These data are updated once per week.

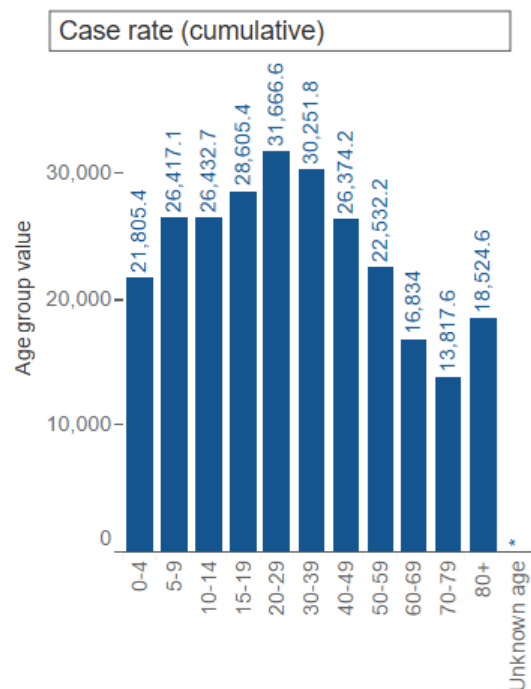
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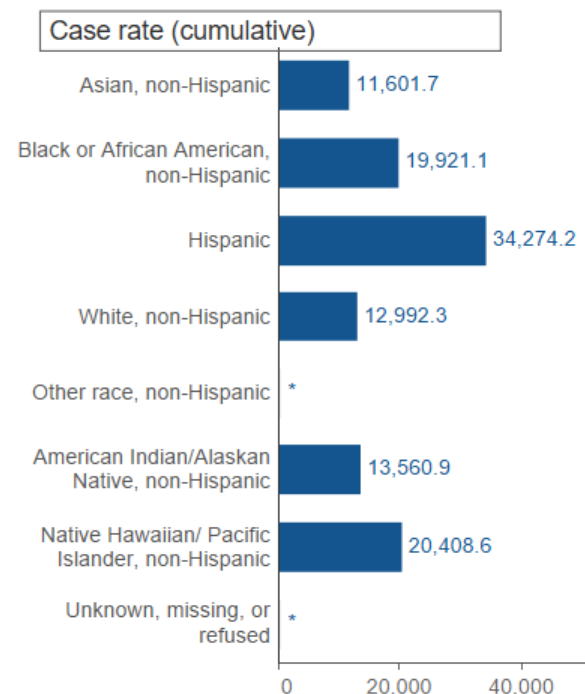
Select a date
4/14/2022

Confirmed and probable cases and deaths (select below) by...

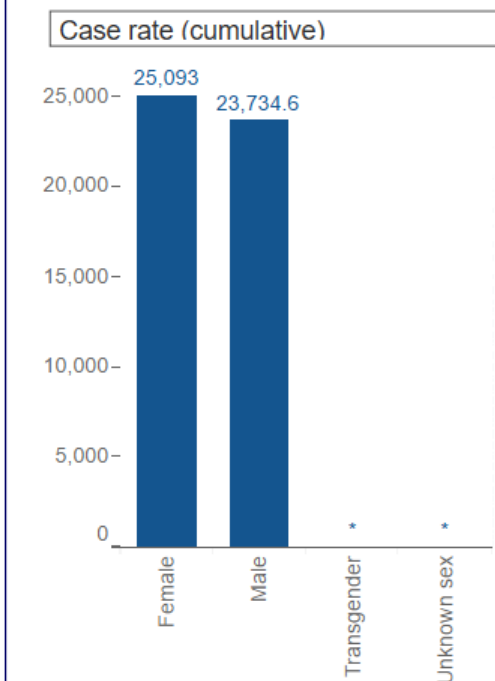
Age groups



Race and Hispanic ethnicity



Sex



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Weekly Data by City and Town

Showing report from: 4/14/2022
Data from: 3/27/2022 to 4/9/2022

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Select a date:

4/14/2022

Limit

Testing Data

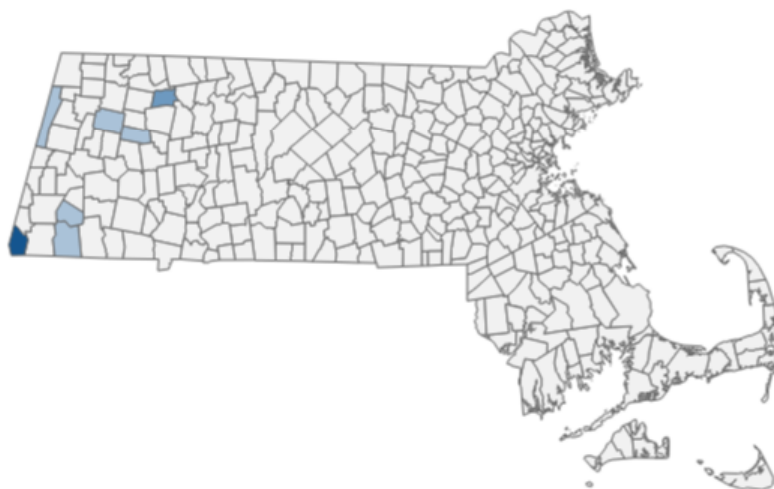
Data by City and Town

Data by County

Percent positivity

Percent positivity, statewide 14-day average: 2.93%

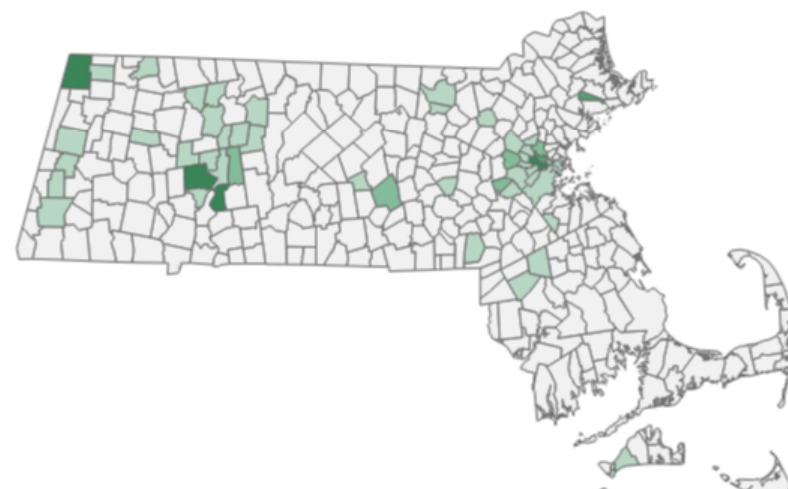
0.00  50.00



Testing rate

Testing rate, statewide 14-day average 9,603.1 per 100,000 MA residents

0.0  46,538.5



[View this data as a Bar Chart](#)

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Massachusetts Department of Public Health | COVID-19 Dashboard

Weekly Data by City and Town

Report date: April 14, 2022
With data starting: March 27, 2022
and ending on: April 9, 2022
*These data are updated once per week.

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Testing Data

Data by City and Town

Data by County

Select an Indicator:

14-day Average Daily Incidence Rate

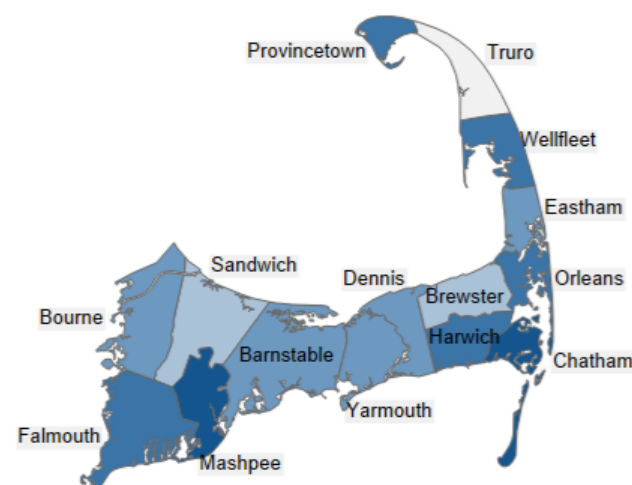
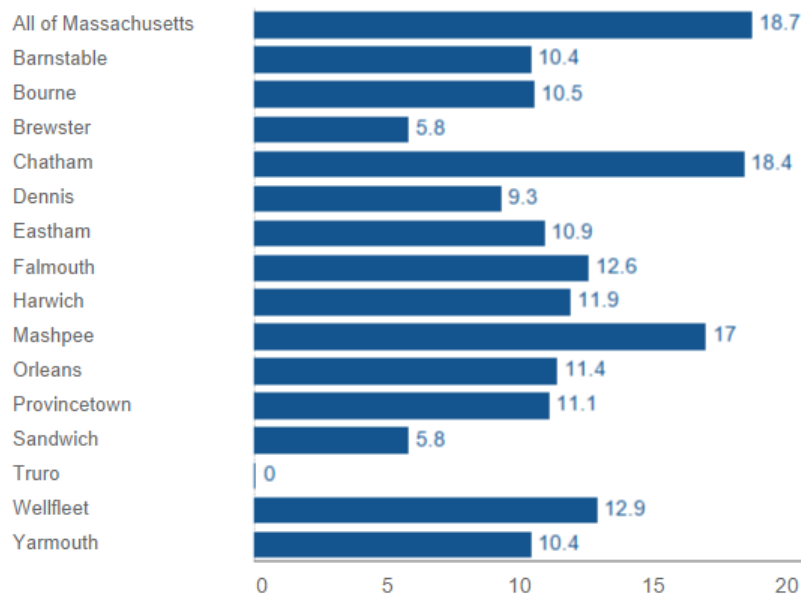
Select Counties to see Towns:

Multiple values

Select a Date:

4/14/2022

0 18.4



The most recent 4 weeks of data are viewable on this page. To view data outside of this range, please visit our data archive and download the raw data. *Cells with fewer than 5 observations have been suppressed. All data included in this dashboard are preliminary and subject to change. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Registry of Vital Records and Statistics; Created by the Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences, Division of Surveillance, Analytics and Informatics. MDPH calculates rates per 100,000 population using denominators estimated by the University of Massachusetts Donahue Institute using a modified Hamilton-Perry model (Strate S, et al. Small Area Population Estimates for 2011 through 2020, report, Oct 2016.) Please note: Data for these tables are based on information available in the MDPH surveillance database at a single point in time. Case counts for specific cities, towns, and counties change as data cleaning occurs (removal of duplicate reports within the system) and new demographic information (assigning cases to their city or town of residence) is obtained. Testing rates are calculated from the number of tests conducted in the geographic area divided by the population denominator (the number of people living in that geographic area). Rates are used to compare data between geographic areas that have different population sizes.



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Weekly Data by City and Town

Report date: April 14, 2022
With data starting: March 27, 2022
and ending on: April 9, 2022
*These data are updated once per week.

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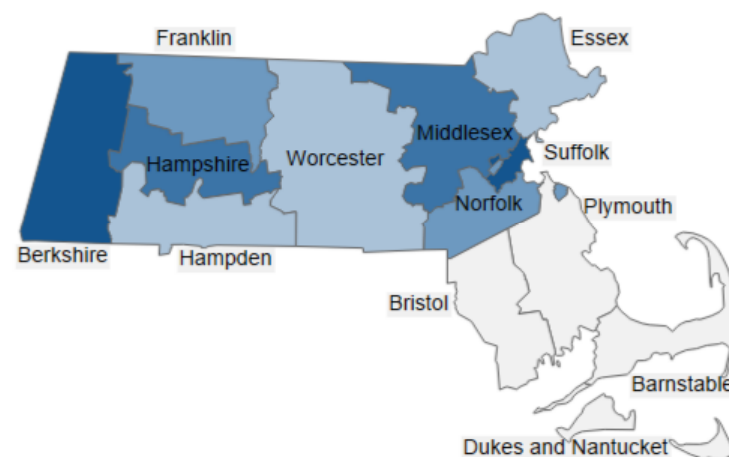
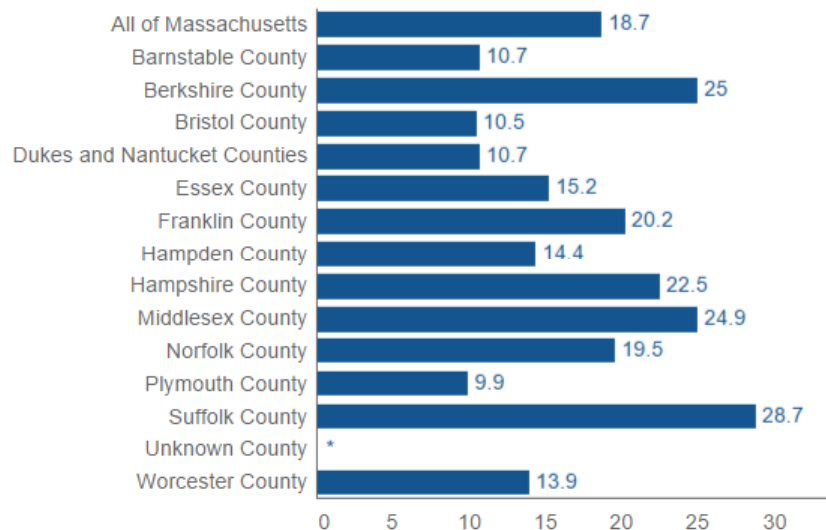
Select an Indicator

14-day Average Daily Incidence Rate

Select a Date

4/14/2022

9.9  28.7



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Additional Resources

Released on: April 20, 2022
Data as of: April 19, 2022
Caution: recent data may be incomplete

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Definitions

A person is counted as a **confirmed case** of COVID-19 when they have their first positive molecular test. They might have multiple tests but are only counted once. As of 9/1/2021, they can be counted again if they are re-infected, defined as having another positive test more than 90 days after their first infection.

An **incidence rate** is the number of new cases divided by the number of people living in the geographic area. MDPH calculates rates per 100,000 population using denominators estimated by the University of Massachusetts Donahue Institute using a modified Hamilton-Perry model (Strate S, et al. Small Area Population Estimates for 2011 through 2020, report, Oct 2016.) Rates are used to compare data between geographic areas that have different population sizes.

A person is counted as a **probable case** if they meet one of three criteria: 1. if they have a positive antigen test; 2. if they have COVID symptoms AND were exposed to someone with COVID; 3. if they died and their death certificate lists COVID as a cause of death. Using the first criterion, as of 9/1/2021, they can be counted again if they are re-infected, defined as having another positive test more than 90 days after their first infection.

COVID-19 Molecular Test: The most common kind of molecular test is a PCR test. This diagnostic test identifies the presence of virus's genetic material. These tests are very accurate and a positive result means someone has a current COVID-19 infection.

Total Tests: This represents the total number of laboratory tests done and includes people who have had multiple tests.

Percent positivity: Percent positivity is calculated using molecular tests only. Percent positivity is calculated by dividing the number of positive tests by the total number of tests during the time period.

Hospitalization data includes confirmed cases of COVID-19 in acute care hospitals and alternate care sites (added as of December 6, 2020). Hospitalization data are provided by the MDPH survey of hospitals (hospital survey data are self-reported).

A **confirmed death** is a person who: died within 30 days of their first positive molecular test and their manner of death is marked as natural; or COVID-19 is listed on their death certificate following a positive molecular test regardless of time since diagnosis.

A **probable death** is a person who: died within 30 days of having their first positive antigen test and their manner of death is marked as natural; or COVID-19 was listed on their death certificate but have no positive test for COVID-19. Persons who have COVID-19 listed on their death certificate, have never tested positive and have a negative test within 7 days of death are not counted.

The "two week period" or "last two weeks" refers to the most recent two complete weeks. Weeks are defined as Sunday to Saturday.

[Click here to view additional links, references, and resources](#)

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