Vaccine Equity Initiative: Interactive Dashboard User Guide
Description of Dashboard

• A customized community data report provides access to weekly vaccination and COVID-19 incidence rates compared to the overall statewide rates. These data serve as benchmarks for the 20 prioritized communities in the Vaccine Equity Initiative (VEI).

• These data can help the 20 VEI communities to direct resources toward identified gaps to achieve the equity benchmarks in each community overall and for population subgroups defined by race/ethnicity, sex, and age. The data report, posted on Fridays, highlights rates that meet or exceed the statewide vaccination average to help the 20 VEI communities prioritize additional outreach/vaccines.

• Progress towards equity can be demonstrated when there is an increase in:
  1. The number of 20 VEI communities that received a First Dose or have been Fully Vaccinated – overall and within different race, sex and age groups – that meet or exceed the statewide rate.
  2. The decrease in COVID-19 Incidence rates in the 20 VEI communities as listed on the weekly COVID-19 statewide public health report.
Interactive Features

- **Community Filter** – Select any of the 20 VEI communities using the Community Filter
  - When Community filter is on “ALL”, or no community is selected then the data presented will be statewide rates for MA
- **Trends Over Time** – Toggle the date to see data from beginning of initiative (3/17/2021) to current/selected date

Metrics

- **Percent of Population 5 and over that received a First Dose**
  - Community and MA statewide counts can be found if you hover over visual
- **Percent of Population 5 and over that is Fully Vaccinated**
  - Community and MA statewide counts can be found if you hover over visual

Definitions

- Vaccination definitions for First Dose and Fully Vaccinated
Interactive Features
- Community Filter – Select any of the 20 VEI communities using the Community Filter
  - When Community filter is on “ALL”, or no community is selected then the data presented will be statewide rates for MA
- Vaccine Dose – select first dose or fully vaccinated
- Trends Over Time – Toggle the date to see data from beginning of initiative (3/17/2021) to current/selected date

Metrics
- Percent of Population 5 and over by Race/Ethnicity Group that received a First Dose
  - Community and MA statewide counts can be found if you hover over visual
- Percent of Population by Race/Ethnicity that is Fully Vaccinated
  - Community and MA statewide counts can be found if you hover over visual

Definitions
- Vaccination definitions for First Dose and Fully Vaccinated
Interactive Features

- Community Filter – Select any of the 20 VEI communities using the Community Filter
  - When Community filter is on “ALL”, or no community is selected then the data presented will be statewide rates for MA
- Vaccine Dose – select first dose or fully vaccinated
- Trends Over Time – Toggle the date to see data from beginning of initiative (3/17/2021) to current/selected date

Metrics

- Percent of Population 5 and over by Sex Group that received a First Dose
  - Community and MA statewide counts can be found if you hover over visual
- Percent of Population 5 and over by Sex that is Fully Vaccinated
  - Community and MA statewide counts can be found if you hover over visual

Definitions

- Vaccination definitions for First Dose and Fully Vaccinated
Interactive Features
- Community Filter – Select any of the 20 VEI communities using the Community Filter
  - When Community filter is on “ALL”, or no community is selected then the data presented will be statewide rates for MA
- Vaccine Dose – select first dose or fully vaccinated
- Trends Over Time – Toggle the date to see data from beginning of initiative (3/17/2021) to current/selected date

Metrics
- Percent of Population by Age Group that received a First Dose
  - Community and MA statewide counts can be found if you hover over visual
- Percent of Population by Age Group that is Fully Vaccinated
  - Community and MA statewide counts can be found if you hover over visual
- A more granular age breakdown
  - 5-11 years old
  - 12 – 15 years old
  - 16 – 19 years old
  - 20 – 29 years old
  - 30 – 49 years old
  - 50 – 64 years old
  - 65 – 74 years old
  - 75+ years old

Vaccine Eligibility and Definitions
- A breakdown of when each age group became eligible for the vaccine
- Vaccination definitions for First Dose and Fully Vaccinated
Interactive Features
- Community Filter – able to select any of the 20 VEI communities using the Community Filter
  - When no community is selected the data presented will be MA State
- Vaccine Dose – select first dose or fully vaccinated

Metrics
- Percent of Population 5 and over by Race/Ethnicity, Age and Sex that received a First Dose
- Percent of Population 5 and over by Race/Ethnicity, Age and Sex that is Fully Vaccinated
- Percent of the Eligible population with a booster for community
- Average Daily COVID-19 Incidence rate per 100k for community
- Gauge visual – allows community to see how they compare to moving statewide rate

Vaccine Eligibility and Definitions
- Vaccination definitions for First Dose, Fully Vaccinated and Booster
Interactive Features

- Community Filter – able to select any of the 20 VEI communities using the Community Filter

Background

- Population estimates by Race/Ethnicity
## COVID-19 Case Counts & Rates Page

### Interactive Features
- Date Filter – able to toggle the date to see data from 12/24/2020 to current/selected date

### Metrics
- COVID-19 Incidence

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### Vaccine Equity Initiative Data Dashboard | COVID-19 Case Counts & Rates

<table>
<thead>
<tr>
<th>Community</th>
<th>Case Count</th>
<th>Two Week Case Count</th>
<th>Average Daily Incidence Rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>All of Massachusetts</td>
<td>332,652</td>
<td>63,603</td>
<td>63.2</td>
</tr>
<tr>
<td>Boston</td>
<td>36,868</td>
<td>5,732</td>
<td>50.1</td>
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<tr>
<td>Brockton</td>
<td>8,013</td>
<td>987</td>
<td>71.0</td>
</tr>
<tr>
<td>Chelsea</td>
<td>5,880</td>
<td>707</td>
<td>130.8</td>
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<tr>
<td>Everett</td>
<td>4,930</td>
<td>808</td>
<td>118.9</td>
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<tr>
<td>Fall River</td>
<td>7,070</td>
<td>1,256</td>
<td>105.6</td>
</tr>
<tr>
<td>Fitchburg</td>
<td>2,022</td>
<td>476</td>
<td>80.7</td>
</tr>
<tr>
<td>Framingham</td>
<td>4,081</td>
<td>723</td>
<td>89.4</td>
</tr>
<tr>
<td>Haverhill</td>
<td>4,317</td>
<td>690</td>
<td>97.6</td>
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<tr>
<td>Holyoke</td>
<td>2,770</td>
<td>414</td>
<td>72.8</td>
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<tr>
<td>Lawrence</td>
<td>13,568</td>
<td>2,116</td>
<td>172.2</td>
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<tr>
<td>Leominster</td>
<td>7,541</td>
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<td>108.4</td>
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<tr>
<td>Lowell</td>
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<td>Lynn</td>
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<td>Malden</td>
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<td>Methuen</td>
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<td>New Bedford</td>
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<td>100.9</td>
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<td>Randolph</td>
<td>2,076</td>
<td>325</td>
<td>87.4</td>
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<td>Braintree</td>
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<td>1,151</td>
<td>135.5</td>
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<td>Springfield</td>
<td>10,159</td>
<td>1,837</td>
<td>84.9</td>
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<tr>
<td>Worcester</td>
<td>13,435</td>
<td>2,295</td>
<td>85.6</td>
</tr>
</tbody>
</table>

An accessibility review of the dashboard conducted by the Executive Office of Technology Services and Security (EOTTS) is currently ongoing and DPH is implementing the required accessibility enhancements as they are identified.

Data current as of 7/23/2021
Dashboard Features
Hover Function

Other informative data such as counts and date can be found if you hover over a visual.
Focus Function

To zoom in on a visual, select the arrow button on the top right of the visual and it will enlarge the visual for you.
**Vaccine Administration**

1. The percentage that has received a First Dose and whether they have met or exceeded the overall statewide average
   - The percentage of each **Age groups** that has received a **First Dose** of vaccine and whether they have met or exceeded the age-specific statewide averages for each age group.
   - The percentage of each **Sex and Race/Ethnicity groups** that has received a **First Dose** of vaccine and whether they have met or exceeded the overall statewide average.

2. The percentage that has been Fully Vaccinated and whether they have met or exceeded the statewide average
   - The percentage of each **Age groups** that has been **Fully Vaccinated** and whether they have met or exceeded the age-specific statewide averages for each age group.
   - The percentage of each **Sex and Race/Ethnicity groups** that has been **Fully Vaccinated** and whether they have met or exceeded the overall statewide average.

**Communities with highest COVID-19 burden**

1. Decrease COVID-19 Incidence in the City/Towns based on the average daily incidence per 100,000 (as published in the Daily Interactive COVID-19 dashboard).
What’s New?

- Resources - provides links to other COVID-19 work that is being done throughout the department

**COVID - 19 Community Impact Survey (CCIS)**
The COVID-19 Impact Survey (CCIS) was a survey done by Massachusetts Department of Public Health to learn more about the experiences of residents of Massachusetts during these challenging times. DPH sought to hear from people of color and other communities who have been historically under served who are being hurt the most during this public health emergency. To learn more about CCIS please follow this link: [https://www.mass.gov/info-details/covid-19-community-impact-survey](https://www.mass.gov/info-details/covid-19-community-impact-survey)

**Weekly COVID-19 Municipality Vaccination Data**
The Weekly COVID-19 Municipality Vaccination Data Report includes information by zip code and city/town on individuals who are vaccinated for COVID-19. This report also includes analysis broken down by Race/Ethnicity, Age and Sex. To review this report please follow this link: [https://www.mass.gov/info-details/ma/weekly-covid-19-municipality-vaccination-data](https://www.mass.gov/info-details/ma/weekly-covid-19-municipality-vaccination-data)

**Daily and Weekly COVID-19 Vaccine Reports**
The Daily and Weekly COVID-19 Vaccine Reports includes data on the vaccine doses shipped to MA, the number of vaccine doses administered, the number of people vaccinated, vaccine distribution by county, administration of vaccine by providers and a breakdown of those receiving the vaccine by Race/Ethnicity and Age. To learn more about the Daily and Weekly COVID-19 Vaccine Reports please follow this link: [https://www.mass.gov/info-details/ma/daily-weekly-covid-19-vaccine-data-updates](https://www.mass.gov/info-details/ma/daily-weekly-covid-19-vaccine-data-updates)

**COVID-19 Daily Dashboard**
The Daily Dashboard includes data on confirmed and probable cases, hospitalizations and death, clusters, isolation and quarantine data, contact tracing, specific metrics by city/town and cases by demographics (Race/Ethnicity, Age and Sex). To learn more about the COVID-19 Daily Dashboard please follow this link: [https://www.mass.gov/info-details/covid-19-response-reporting](https://www.mass.gov/info-details/covid-19-response-reporting)
Footnote Page

What’s New?

- Footnotes – easy access to the footnotes that are throughout the dashboard