

Covid-19 Health Metrics

October 28, 2021

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MA State Data



Massachusetts Department of Public Health | COVID-19 Dashboard

Trends: 7-day Averages Over Time

Released on: October 28, 2021
Data as of: October 27, 2021
Caution: recent data may be incomplete

Navigation

Today's Overview

Overview Trends

COVID-19 Cases

COVID-19 Testing

Hospitalizations

COVID-19 Deaths

Higher Ed & LTCF

Patient Breakdown

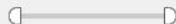
City & Town Data

Resources

Data Archive

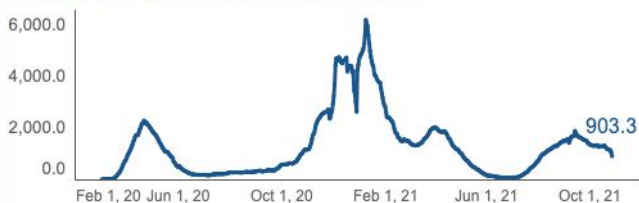
Select dates:

3/1/2020 10/27/2021



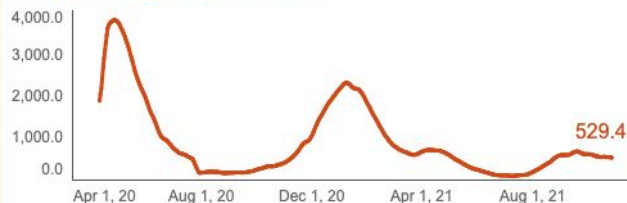
Cases

7-day average of COVID-19 confirmed cases



Hospitalizations

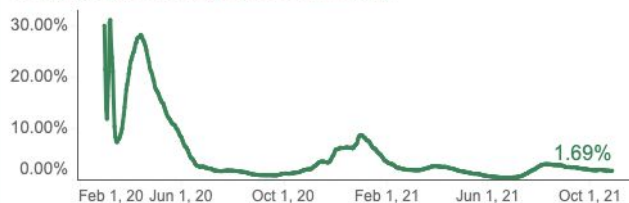
7-day average of hospitalizations



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.

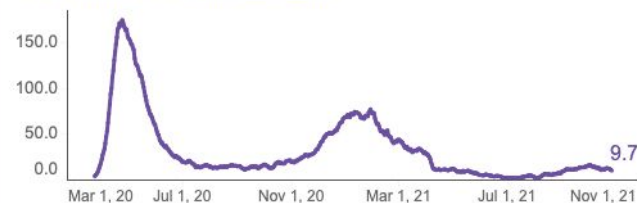
Testing

7-day weighted average percent positivity

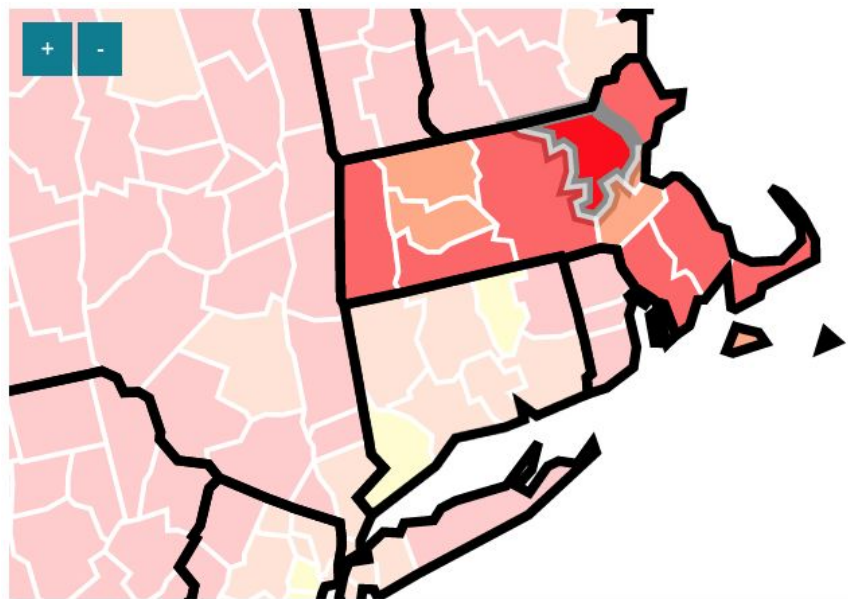


Deaths

7-day average of confirmed deaths



CDC Community Transmission Rates



Middlesex County

High Community Spread (Red)

Case Rate last 7 days = 106 per 100k

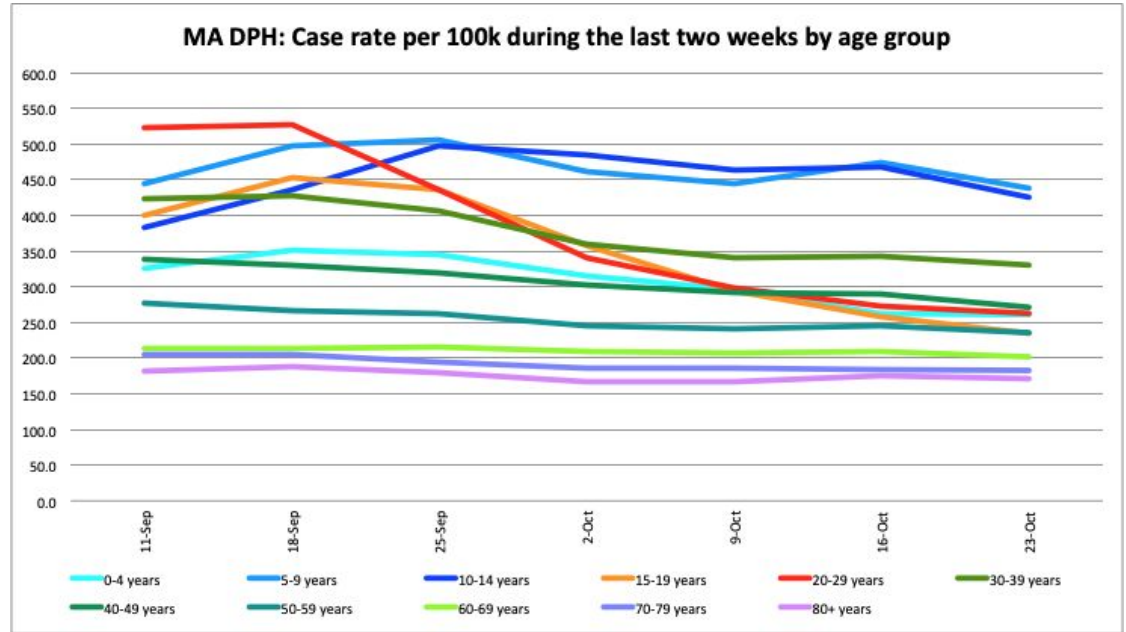
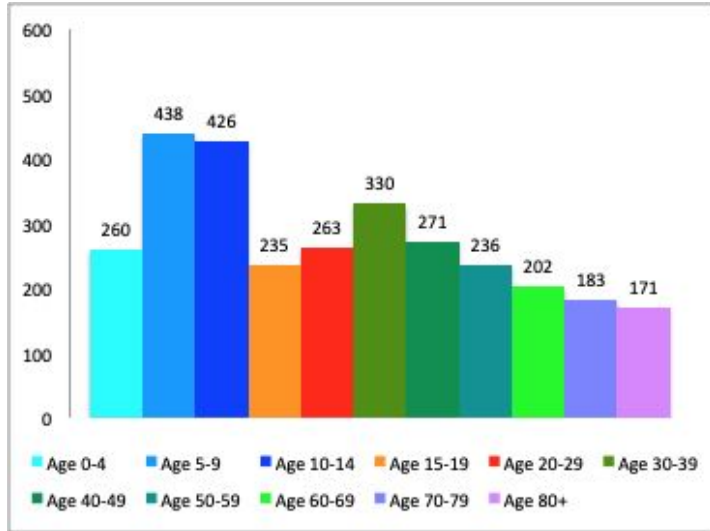
Percent Positivity = 1.2%

○ 0-29.9% ● 30-39.9% ● 40-49.9% ● 50-69.9% ● 70%+ ● No Data

Current 7-days is Thu Oct 21 2021 - Wed Oct 27 2021 for case rate and Fri Oct 15 2021 - Thu Oct 21 2021 for percent positivity. The percent change in counties at each level of transmission is the absolute change compared to the previous 7-day period.

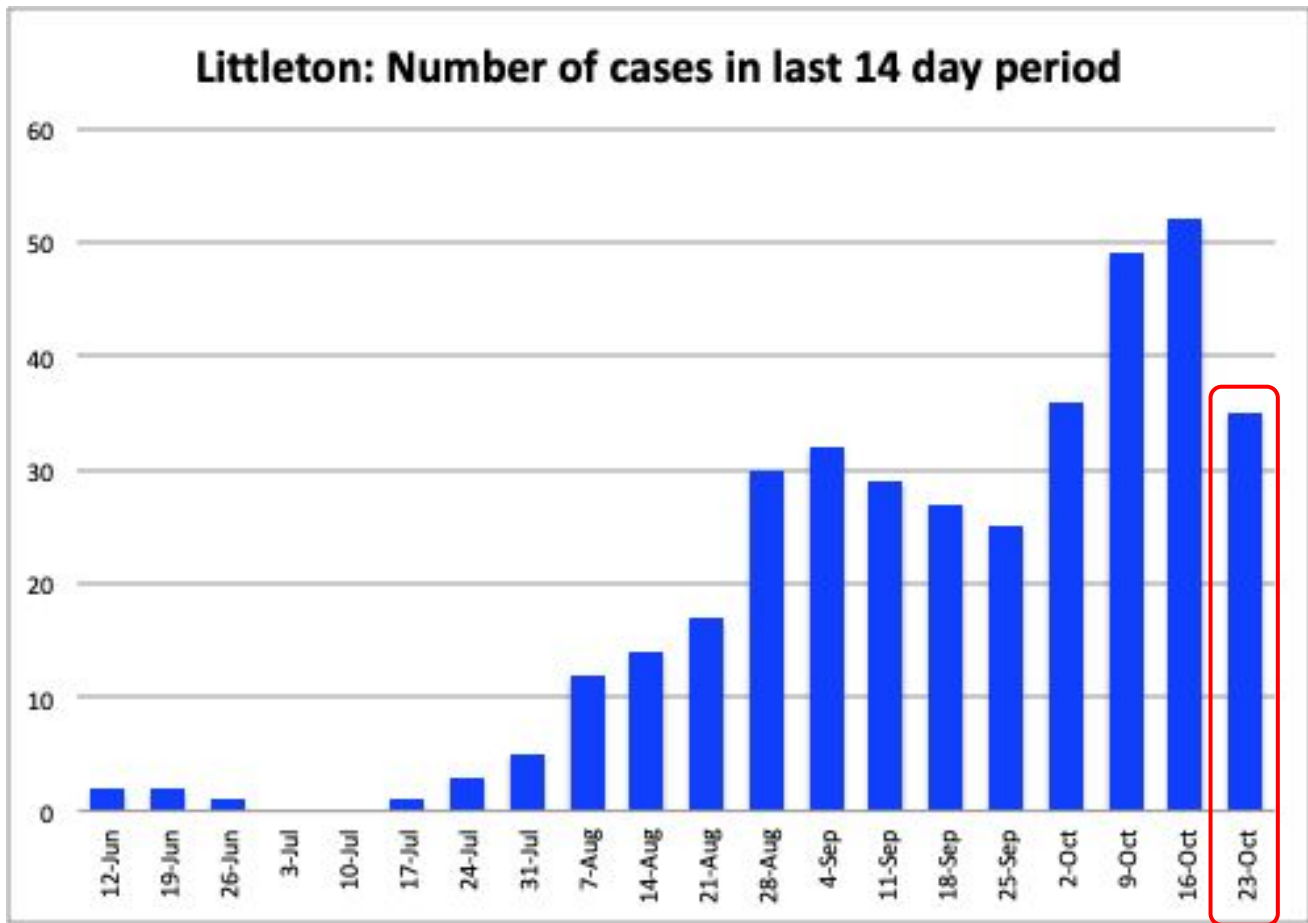
Data Source: CDC Covid-19 Integrated County View - <https://covid.cdc.gov/covid-data-tracker/#county-view> - accessed 10/28/21

Covid Case Rate per 100k by age group - last 6 weeks



Data Source: MA DPH Covid Dashboard www.mass.gov/info-details/covid-19-response-reporting (Patient Breakdown) - accessed 10/28/21

Littleton Data



Data Source: MA DPH Covid Dashboard - www.mass.gov/info-details/covid-19-response-reporting (City and Town Data) - accessed 10/28/21

Littleton and Local Trends - Methods

Town Groupings:

- **Littleton**
- **Border Towns** - Littleton plus Acton, Ayer, Boxborough, Groton, Harvard, Westford
- **Surrounding Communities** - Border Towns plus, Bolton, Carlisle, Chelmsford, Concord, Dunstable, Lancaster, Lunenburg, Maynard, Pepperell, Shirley, Stow
- **495 Belt** - Surrounding Communities plus Ashby, Bedford, Berlin, Boylston, Clinton, Hudson, Leominster, Lincoln, Lowell, Marlborough, Northborough, Shrewsbury, Southborough, Sterling, Sudbury, Townsend, Tyngsboro, Wayland, West Boylston, Westborough, Weston
- **Middlesex County**
- **Massachusetts**

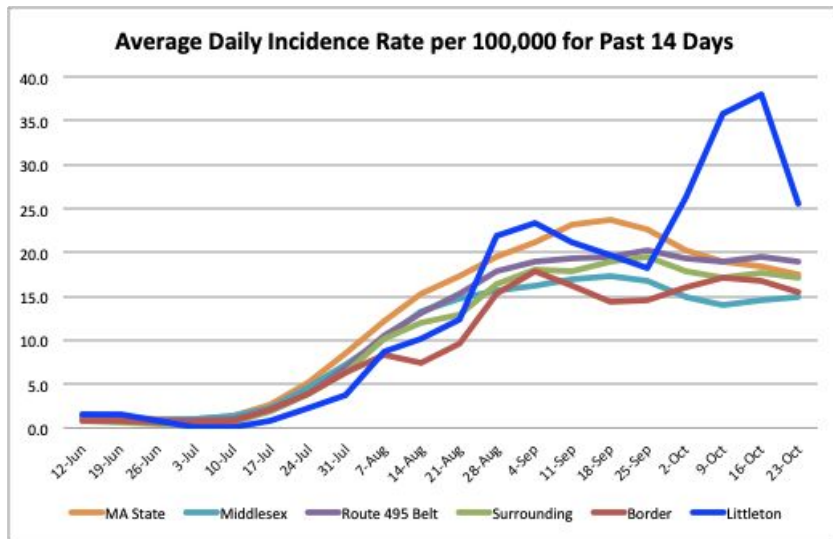
Data Source and Time Period:

- MA DPH Covid Dashboard - www.mass.gov/info-details/covid-19-response-reporting, City and Town Data
- Two week period (Sunday to Saturday) ending the Saturday before the DPH report is released on Thursdays

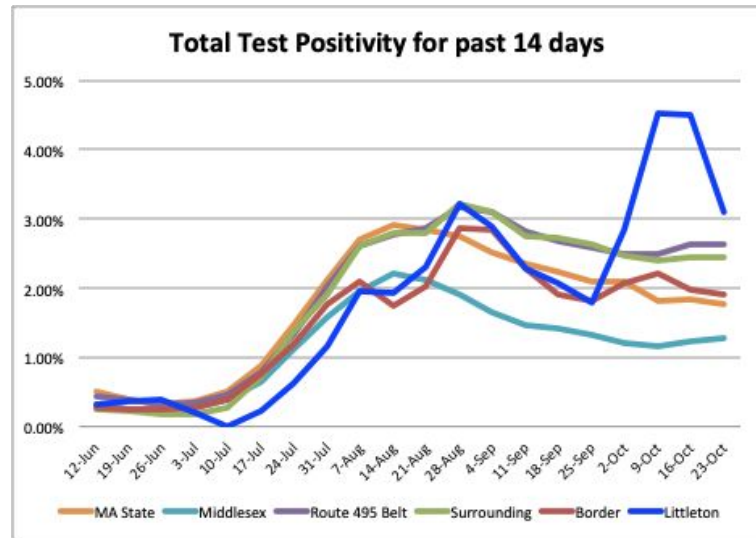
Calculations:

- **Average Daily Incidence Rate** = ((total cases in two week period / 14 days) / population)*100,000
- **Test Positivity** = total positive tests in last two week period / total tests conducted in last two week period

Littleton and surrounding area - trends

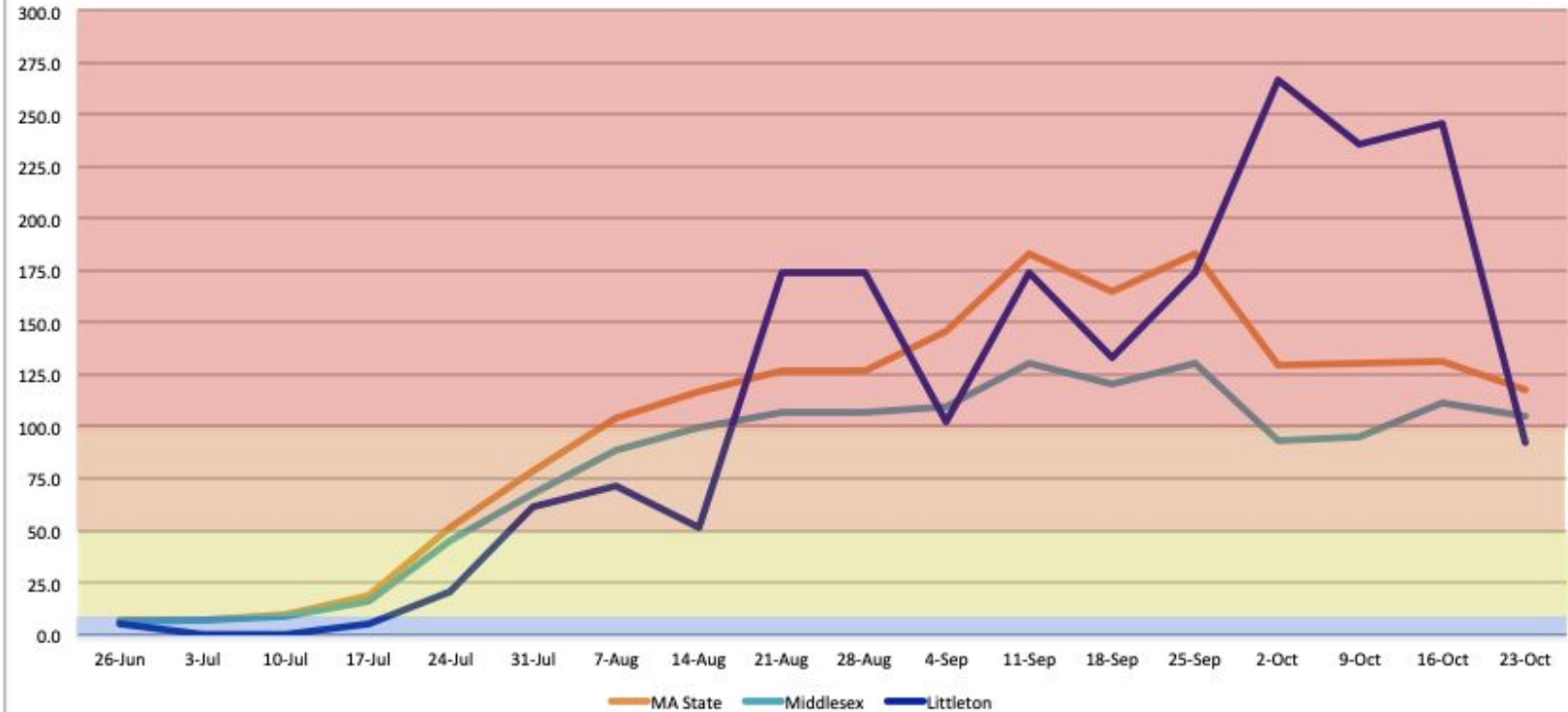


- Littleton's average daily incidence rate was 25.6 per 100k (lower than 2 weeks ago)
- Rates for our border towns were stable (15.5) compared to 2 weeks ago
- All other areas we track were stable



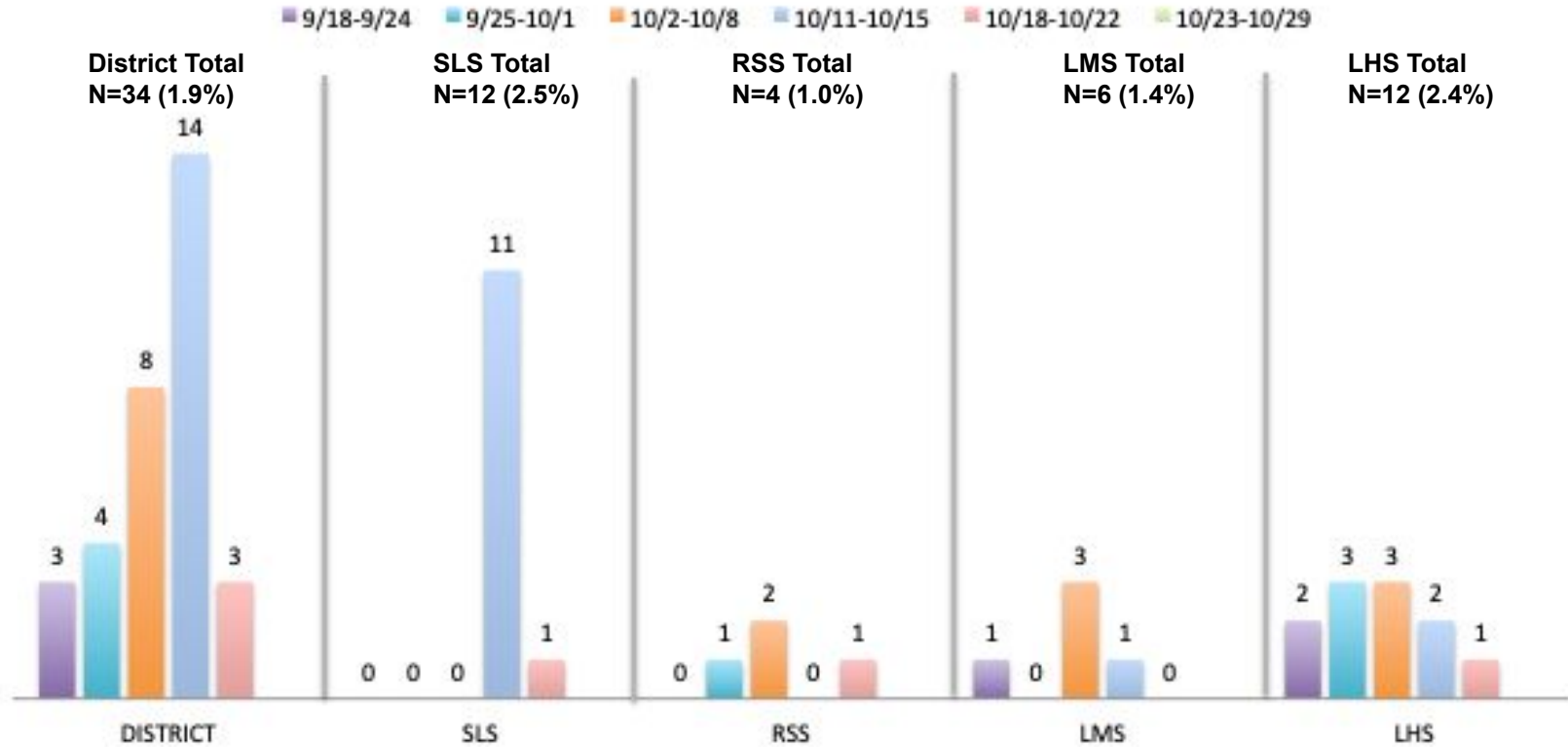
- Littleton had 1132 tests conducted (stable)
- Littleton's test positivity = 3.1% (lower)
- Test positivity was <3% and stable for all other areas that we track

**CDC Community Transmission Indicator:
Total new cases per 100k persons in the past 7 days**



Data Source: MA DPH Covid Dashboard - www.mass.gov/info-details/covid-19-response-reporting (City and Town Data) - accessed 10/28/21

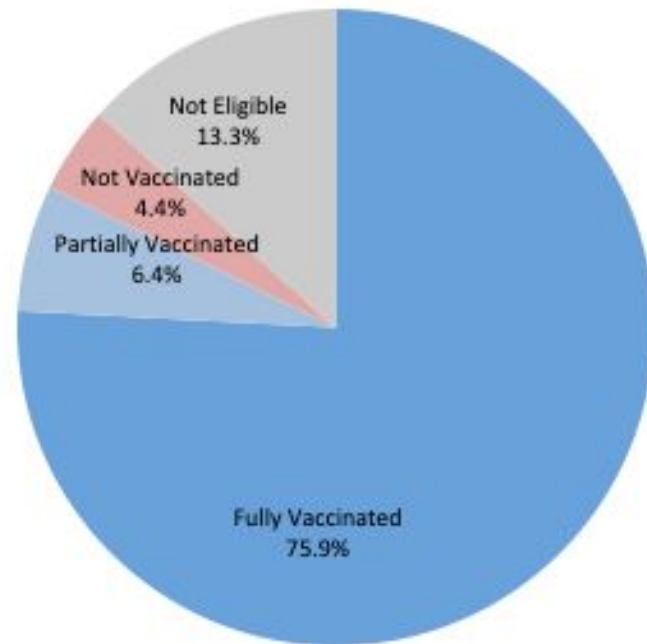
LPS Covid-19 cases last 6 weeks



Data Sources: [Littleton Public Schools Covid-19 Dashboard](#) and LPS Health Notification Letters sent to parents as of 10/28/21

Littleton's Vaccination Coverage

Age Group	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
0-11	Not eligible	Not eligible	1301 (100%)
12-15	468 (90%)	62	*
16-19	445 (80%)	33 (6%)	87 (15%)
20-29	808 (89%)	83 (9%)	16 (2%)
30-49	2012 (91%)	162 (7%)	28 (1%)
50-64	2150 (86%)	120 (5%)	218 (9%)
65-74	947 (>95%)	90	*
75+	574 (73%)	78 (10%)	133 (17%)
Total	7404 (75.9%)	628 (6.4%)	430 eligible (4.4%) 13% not eligible due to age <12 years



Data Source:

MA DPH Weekly Covid-19 municipality vaccination data - www.mass.gov/info-details/massachusetts-covid-19-vaccination-data-and-updates - accessed 10/28/21

Note: 0-11 data imputed by subtracting total population in 12+ age groups from total population



Protect Against COVID-19.

Safe and effective COVID-19 vaccines are available for free for everyone living in the United States.

www.cdc.gov



Safer Ways to Celebrate Holidays

Holiday traditions are important!

There are several ways to enjoy holiday traditions and protect your family's health

Vaccination

- **Vaccination is the best way to minimize Covid-19 risk gatherings**
- Vaccination significantly lowers the risk of transmission at the event
- If transmission was to occur, vaccination protects individuals from severe outcomes, hospitalizations, and death

Get tested

- Test before an event to limit risk of infectious person being present
- Test 3 days after event to prevent onward transmission
- Rapid antigen tests - results in 15 minutes, can be purchased over-the-counter

Make plans for safe travel

Improve ventilation

- Open doors and windows
- HEPA filtration
- Outdoors safer than indoors

Wear a mask

- Well-fitting, over nose and mouth

Special considerations

- Immunocompromised should follow recommendations for unvaccinated people, including wearing a mask

Know when not to attend or host

- If you or anyone in your household is sick or has symptoms
- If you've had a known exposure to someone with Covid-19