

# Covid-19 Health Metrics

April 1, 2021

# MA State Data



# Massachusetts Department of Public Health | COVID-19 Dashboard

## Trends: 7-day Averages Over Time

Released on: April 1, 2021  
Data as of: March 31, 2021  
Caution: recent data may be incomplete

### Navigation

Today's Overview

Overview Trends

COVID-19 Cases

COVID-19 Testing

Hospitalization

COVID-19 Deaths

Higher Ed & LTCF

Patient Breakdown

City and Town

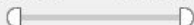
Resources

Data Archive

### Date Filter

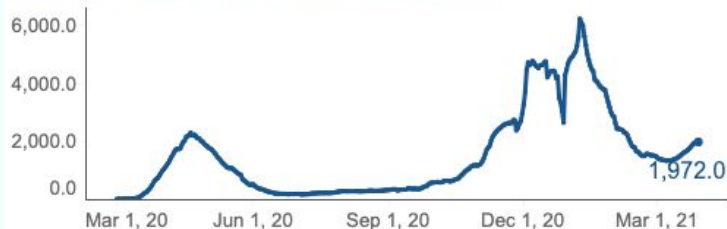
3/1/2020

3/29/2021



### Cases

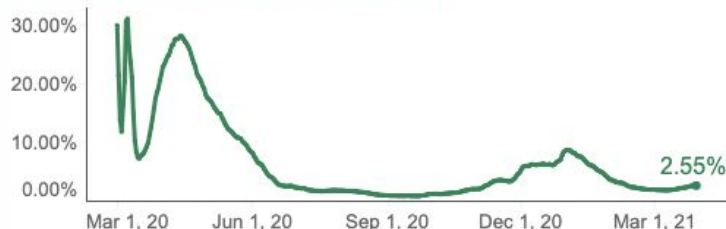
7-day average of COVID-19 confirmed cases



The lowest observed value was 156.7 on 7/4/2020.

### Testing

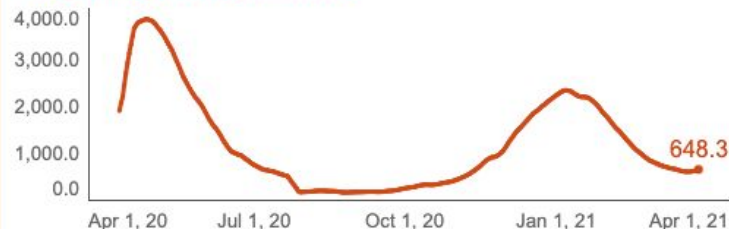
7-day weighted average percent positivity



The lowest observed value was 0.8% on 9/21/2020.

### Hospitalizations

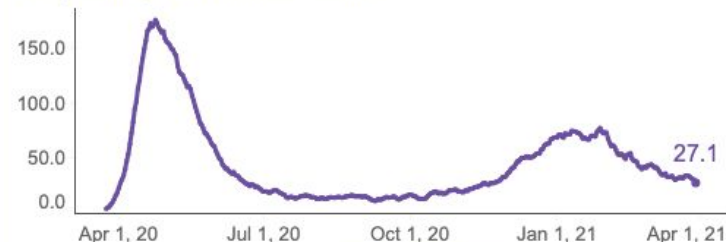
7-day average of hospitalizations



The lowest observed value was 155.3 on 8/26/2020.

### Deaths

7-day average of confirmed deaths



The lowest observed value was 3.7 on 9/9/2020.

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, Office of Integrated Surveillance and Informatics Services.

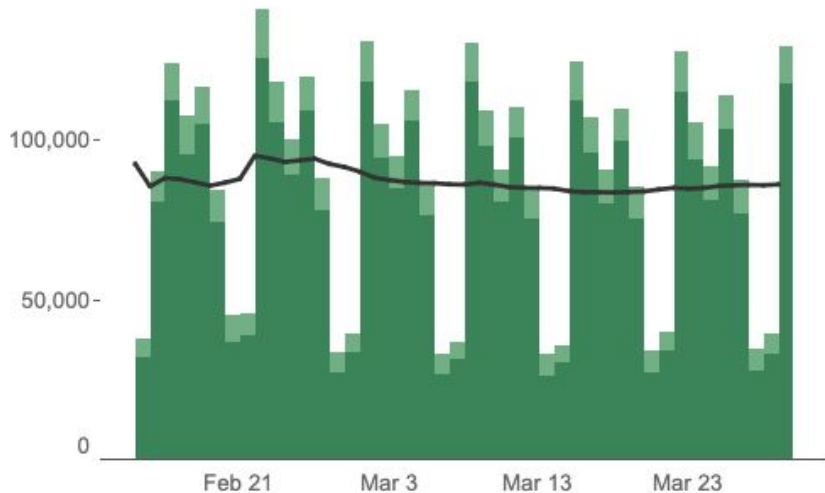
# Covid-19 Testing Levels - past 6 weeks

## Molecular Tests

Select to switch testing visualizations:

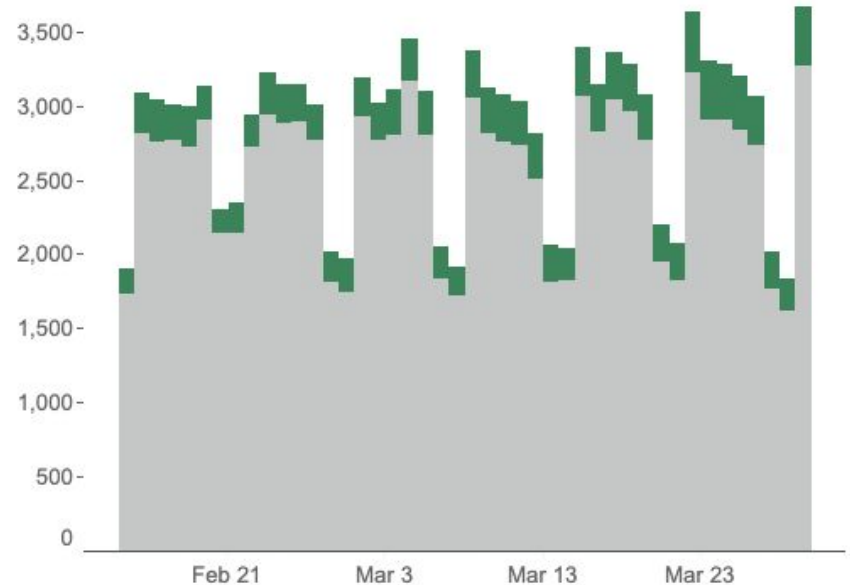
Percent Positivity

Repeat molecular tests, new molecular tests, and the 7-day average total



## Antigens Test

Number of antigen tests, **positive** and **negative**

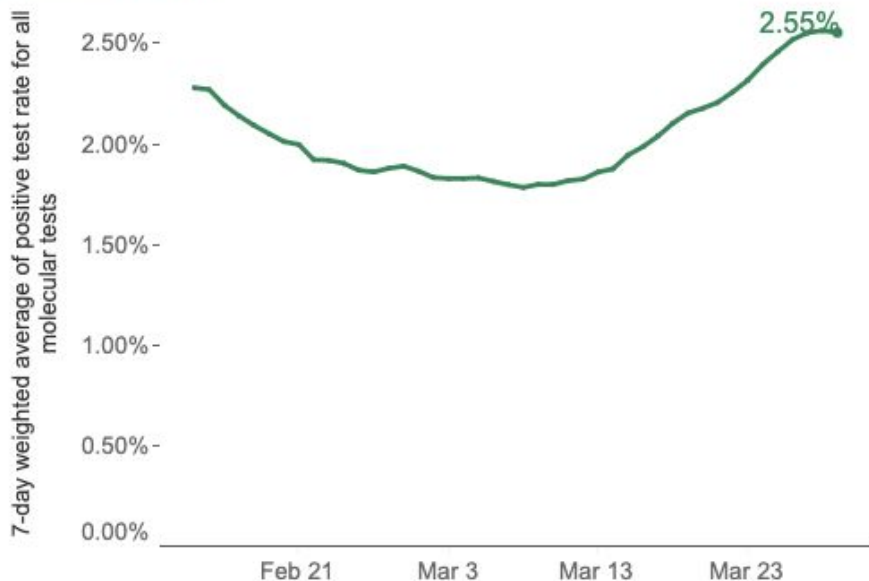


# Test Positivity - past 6 weeks

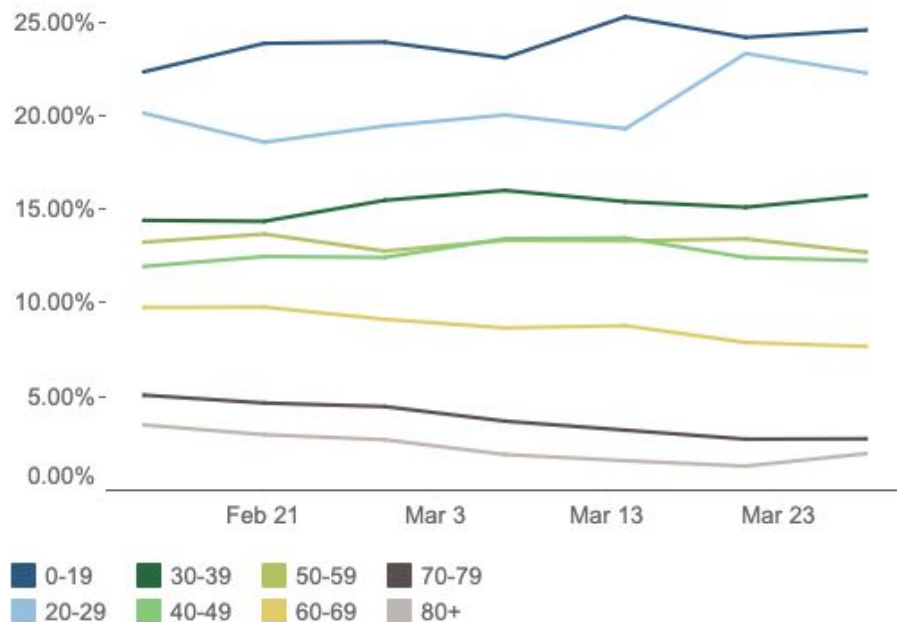
Select to switch testing visualizations:

Molecular & Antigen Testing

Percent positivity among Massachusetts residents

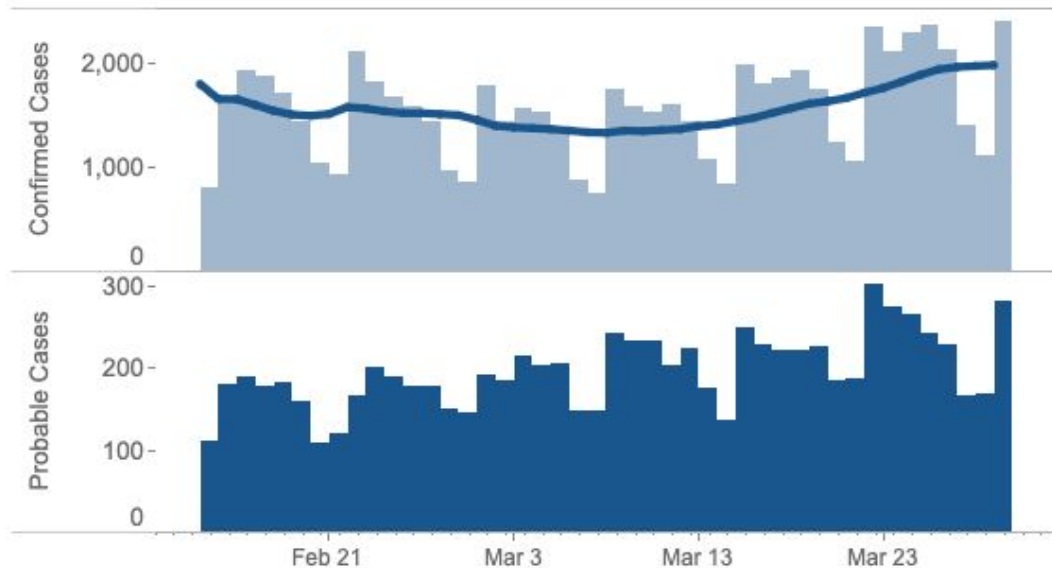


Proportion of positive tests over time by age group



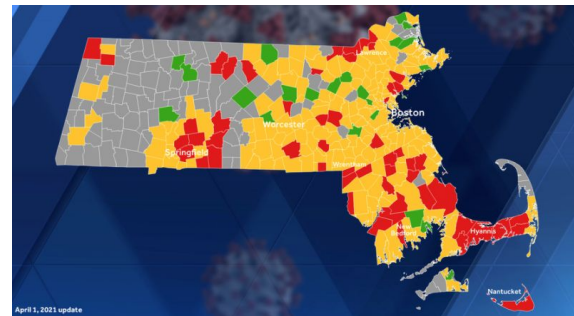
# Covid-19 Cases - last 6 weeks

## COVID-19 Confirmed and Probable Cases



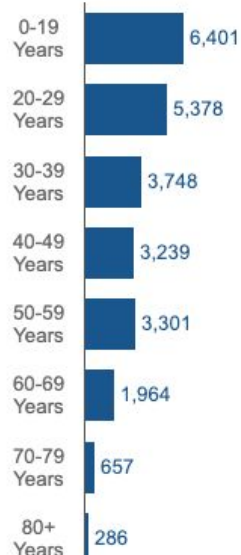
## Incidence Rate

The 14-day, statewide incidence rate is 25.6 per 100,000 Massachusetts residents.



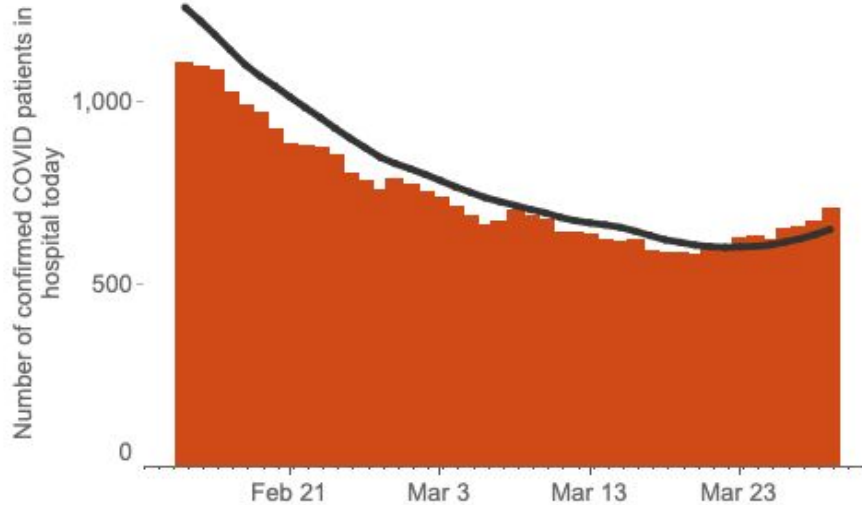
## Cases by age during the last two weeks

\*Data updated weekly

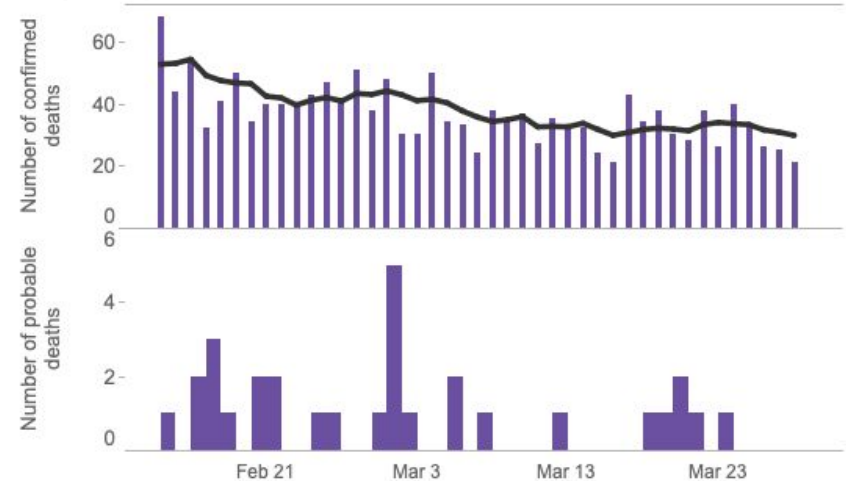


# Hospitalizations and Deaths - last 6 weeks

Number and 7-day average of hospitalizations



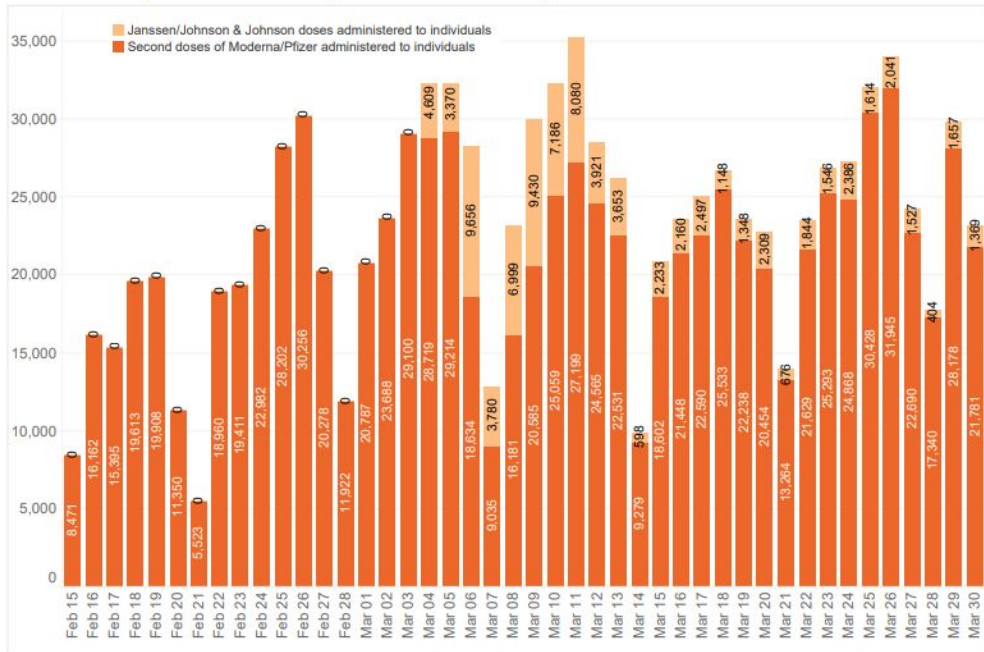
Number of COVID-19 confirmed deaths, probable COVID-19 deaths, and 7-day average of confirmed deaths



# Total Individuals Fully Vaccinated

Data as of March 30, 2021

Individuals fully vaccinated and reported in the last 45 days



## Vaccine summary

**188,228**

Individuals becoming fully vaccinated and reported in the last 7 days

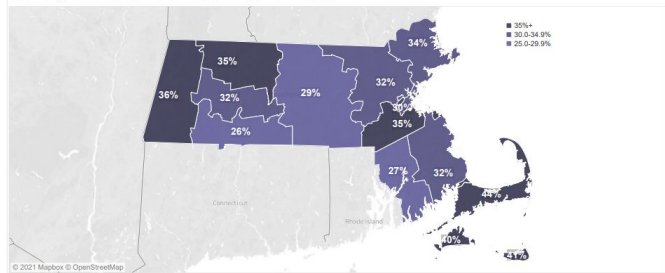
**1,335,709**

Total individuals fully vaccinated and reported

## Cumulative Percentage of Individuals with at Least One Dose Administered by County of Resident Address

Data as of March 30, 2021

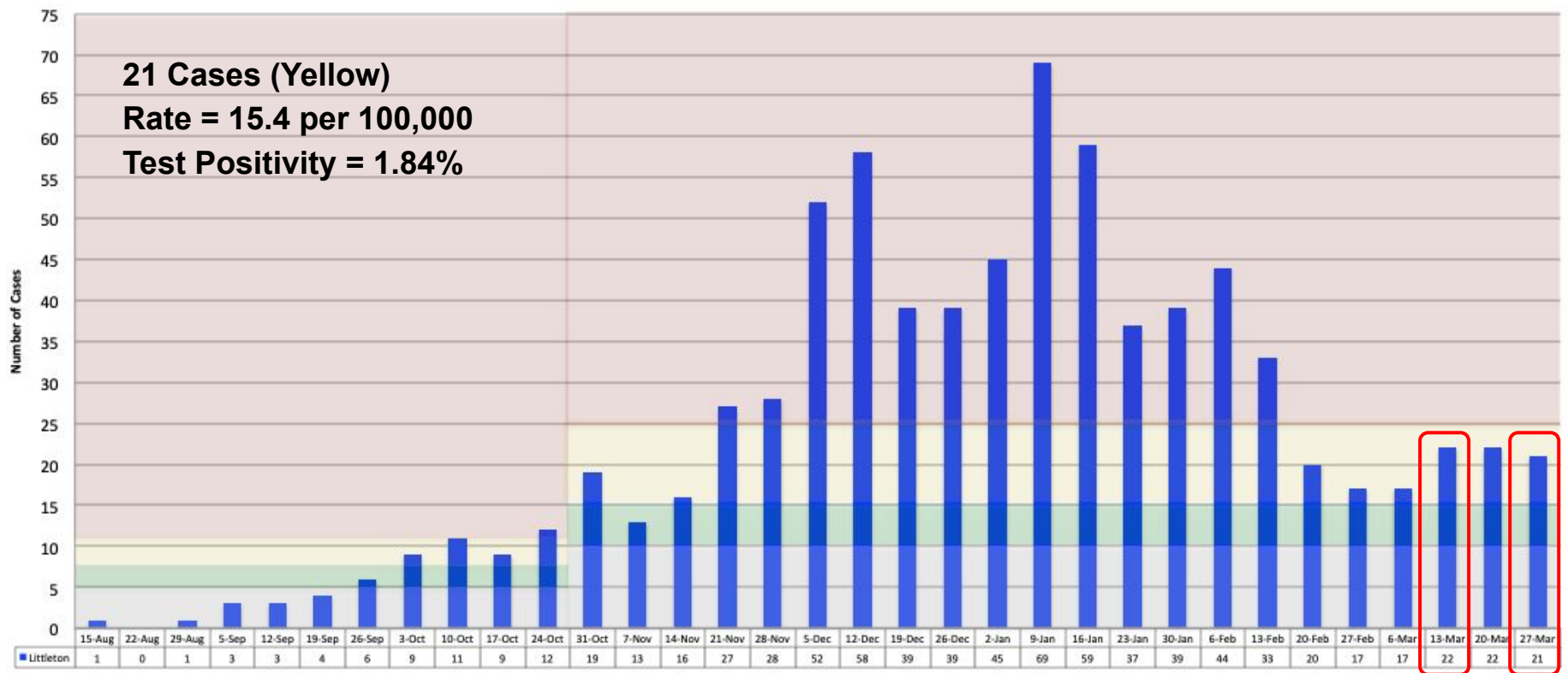
Percentage of Individuals with at Least One Dose Administered



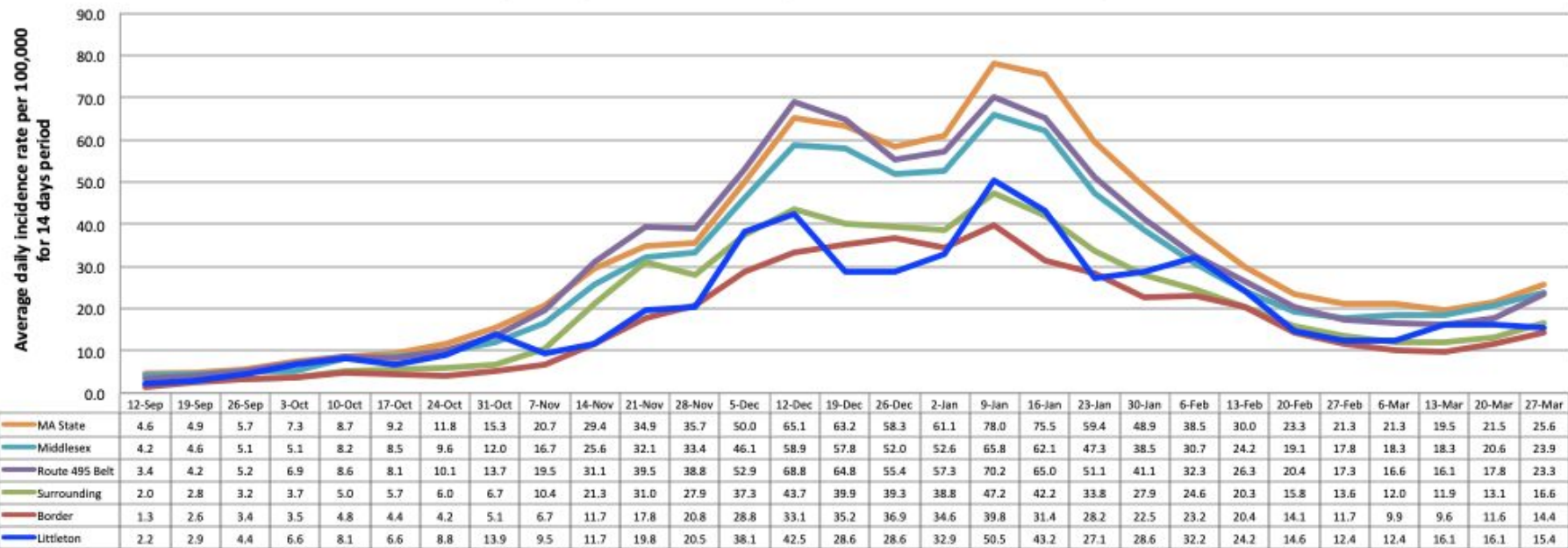


# Littleton Data

Littleton: Number of Cases in 14-Day Period

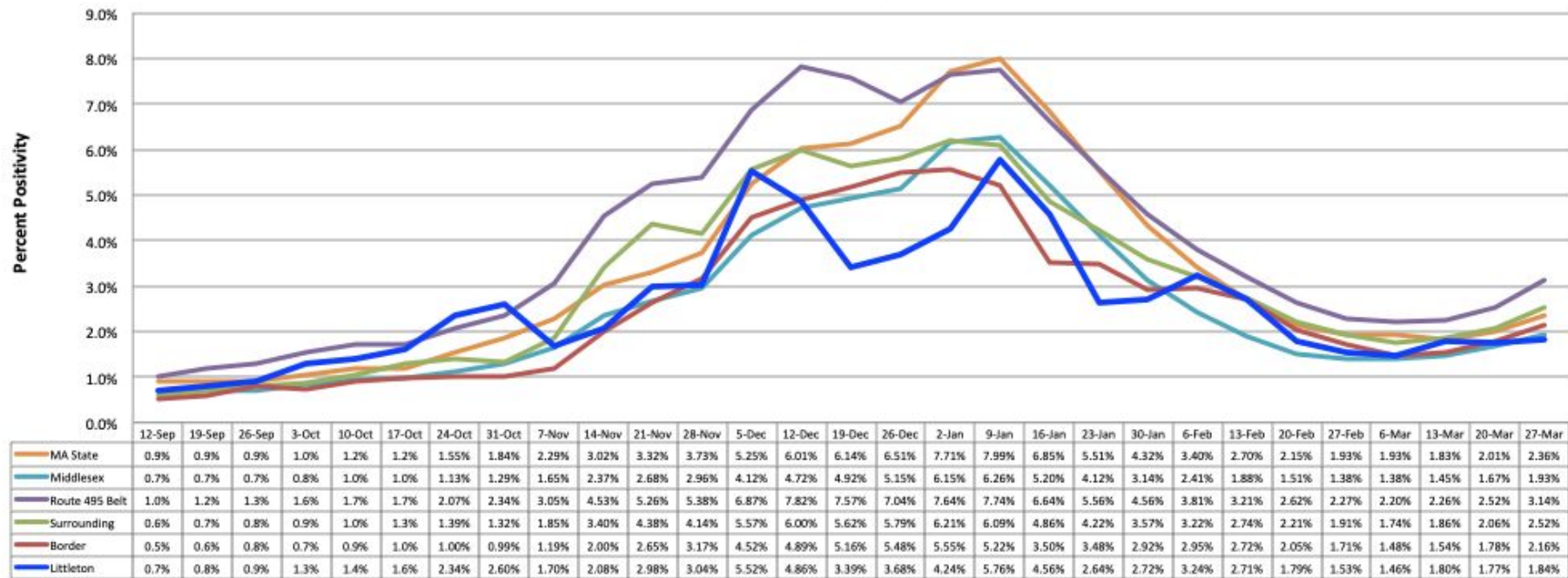


# Average Daily Incidence Rate per 100,000 for Past 14 Days



**Littleton - Rate 15.4 per 100k (stable)**

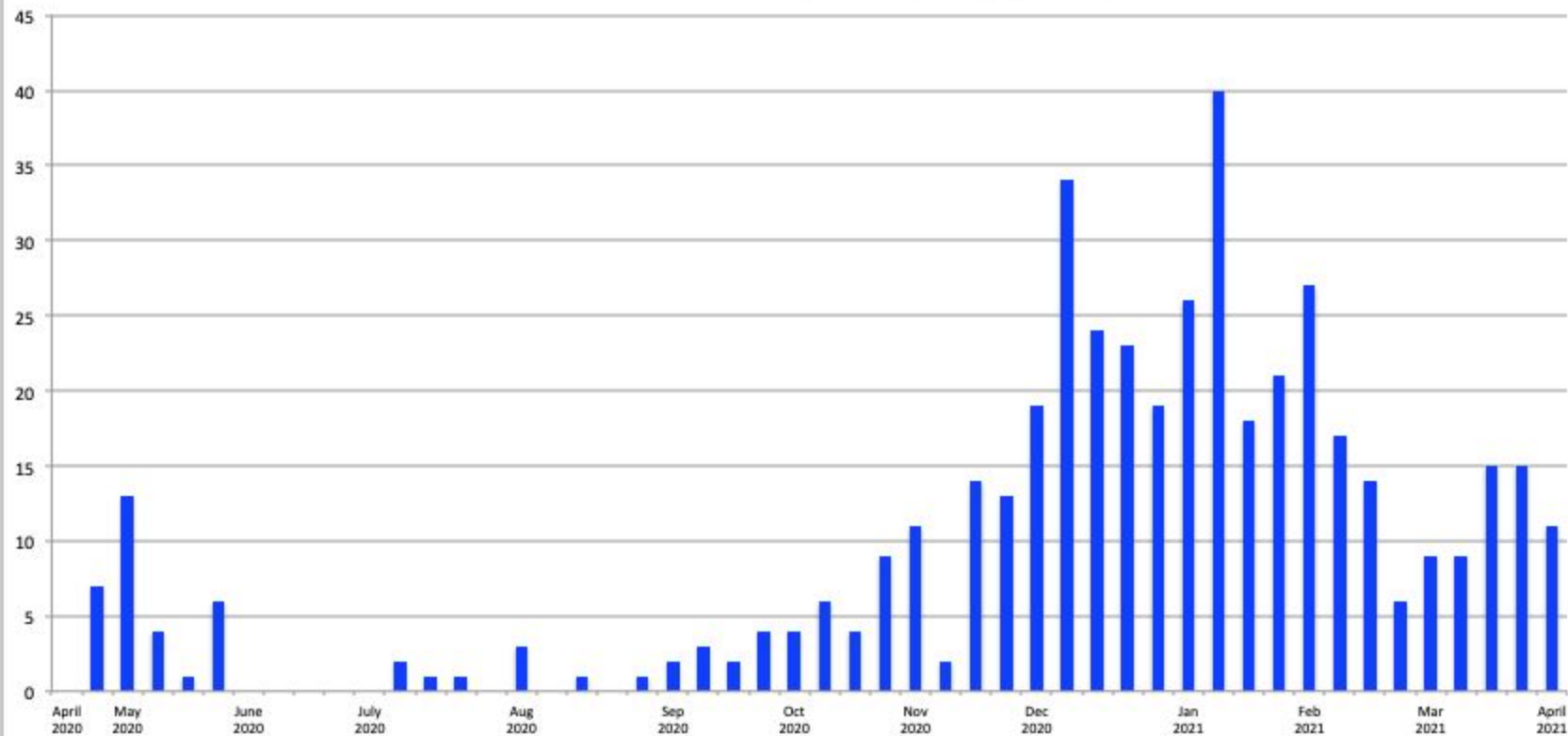
## Total Test Positivity



**Littleton: 1196 tests (stable)**

**Test positivity 1.84%**

**Littleton: New Cases by Week (7-day period)**



# Littleton - Vaccination Coverage

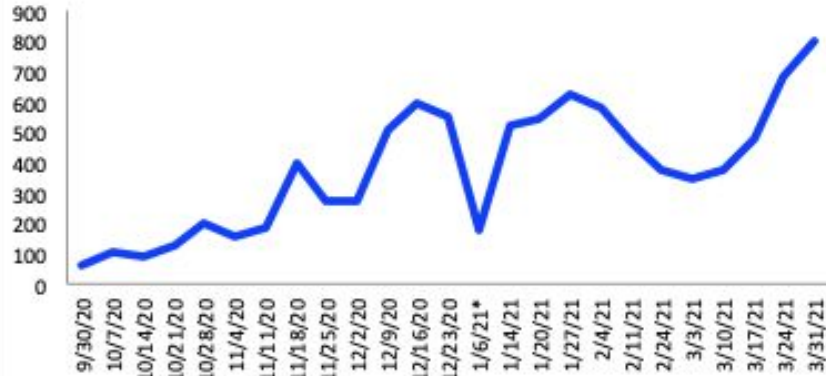
Age Group	Population N (%)	Fully vaccinated N (% age group)	At least 1 dose N (% age group)
0-19 years	2,377 (24)	*	45 (2)
20-29 years	907 (9)	141 (16)	280 (31)
30-49 years	2,202 (23)	299 (14)	701 (32)
50-64 years	2,488 (26)	432 (17)	962 (39)
65-74 years	996 (10)	434 (44)	820 (82)
75+ years	785 (8)	382 (49)	537 (68)
<b>Total</b>	<b>9,756</b>	<b>1,362 (17%)</b>	<b>3,354 (34%)</b>

Source: MA DPH weekly vaccination report by municipality - April 1, 2021

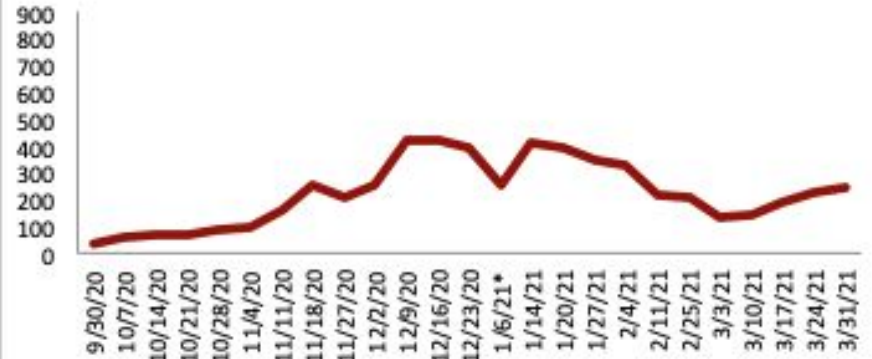
# School Data

# DESE Positive Cases in MA Schools

**DESE Report: Cases reported among  
in-person students**

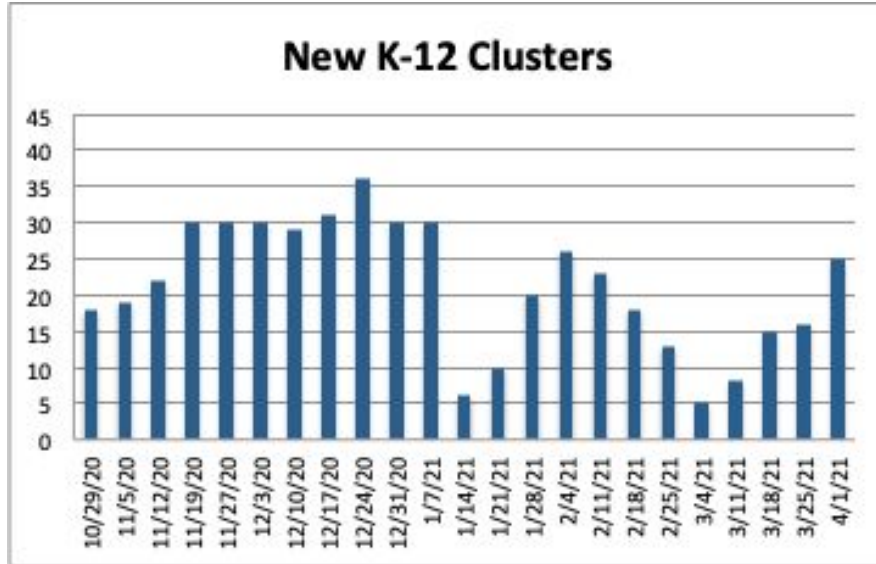


**DESE Report: Cases reported among  
in-person staff**

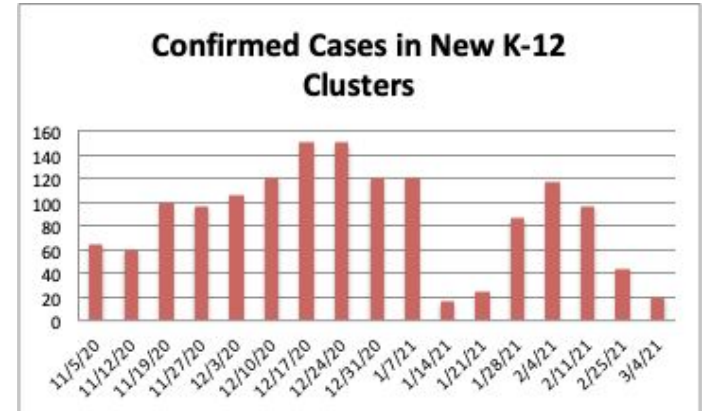




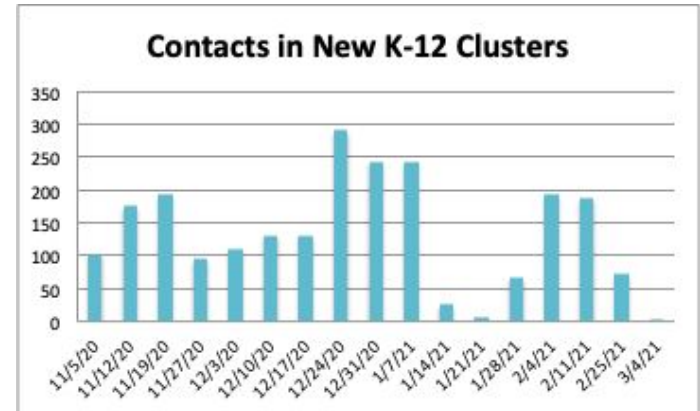
# MA DPH Data K-12 Clusters



**25 new K-12 clusters (increase from 16)**

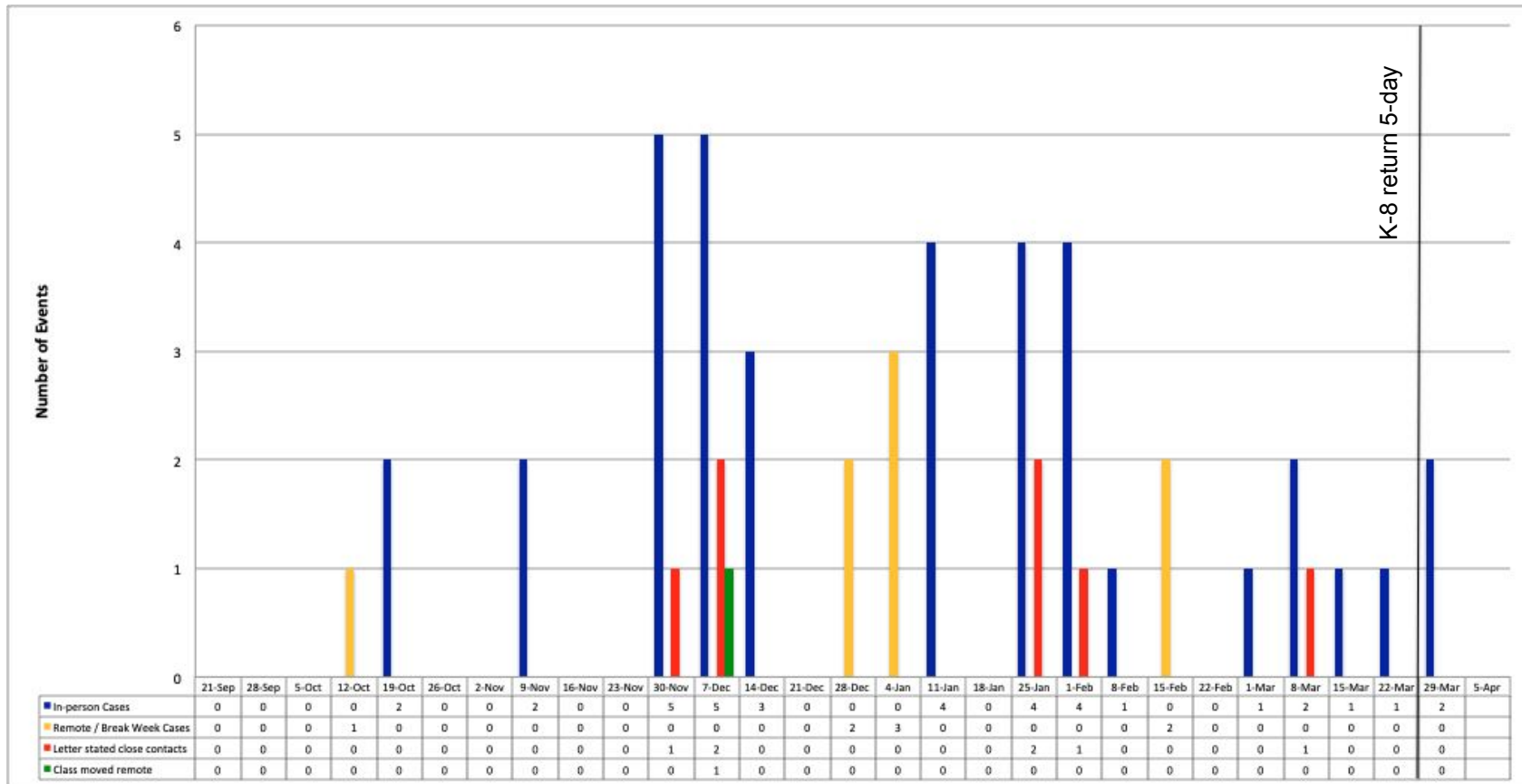


**Average Cases per Cluster = 4.5**



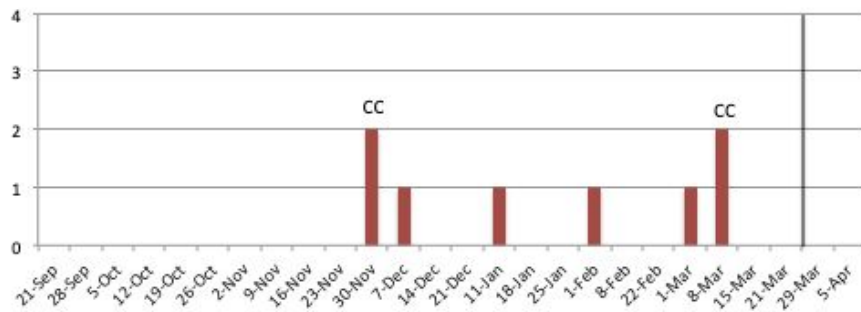
**Average Contacts per Cluster = 5.4**

# LPS Health Notification Letters

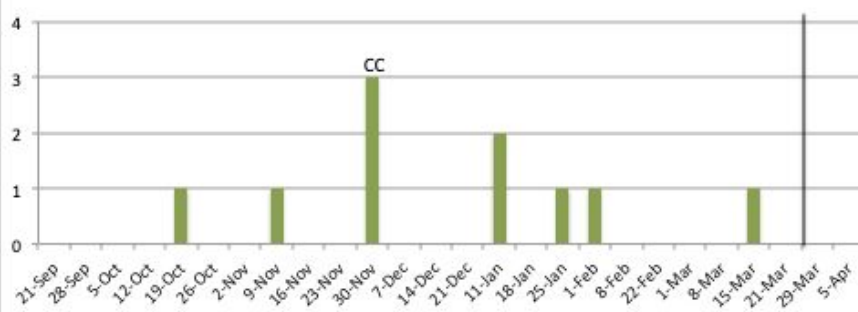


# LPS Health Notification Letters by School

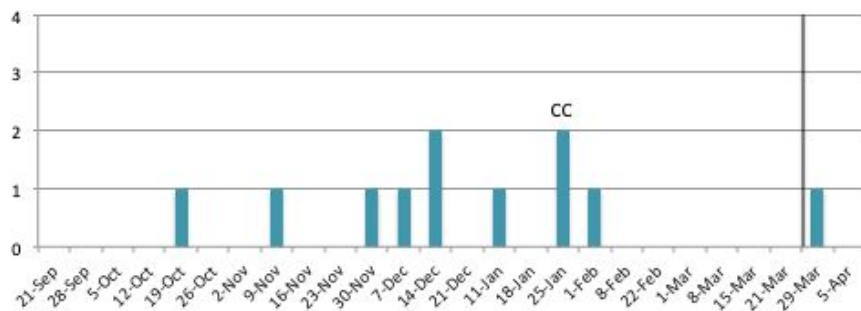
**SLS In-Person Cases**



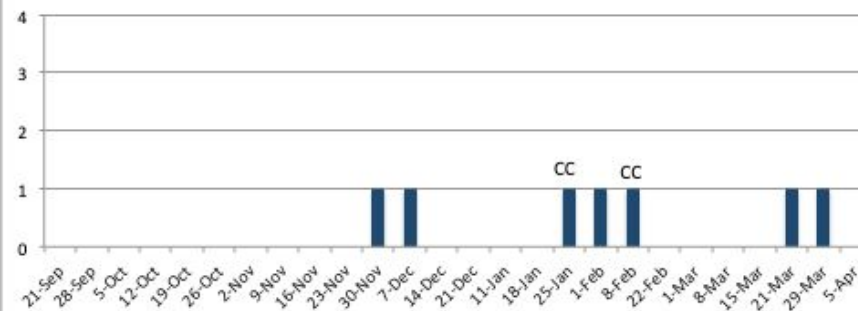
**RSS In-Person Cases**



**LMS In-Person Cases**



**LHS In-Person Cases**



# Other DPH Clusters



# Massachusetts Department of Public Health COVID-19 Dashboard - Active COVID Clusters by Exposure Setting Type

Thursday, April 01, 2021

Exposure	New Clusters (Identified 2/28 – 3/27)			Ongoing Clusters (Cluster Identified Prior to 2/28 but Not Meeting Criteria for Closing)			Total		
Setting	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts
24/7 Congregate Settings	1	2	0	25	5	9	26	7	9
Child Care	94	347	302	149	102	152	243	449	454
Colleges & Universities	24	149	67	66	50	63	90	199	130
Corrections	0	0	0	14	20	3	14	20	3
Hospitals	4	59	0	11	12	1	15	71	1
Household	6,932	17,688		11,028	1,910		17,960	19,598	
Industrial Settings	11	52	7	32	30	15	43	82	22
K-12 Schools	25	113	135	24	1	53	49	114	188
Long Term Care Facilities	34	103		92	163		126	266	
Offices	7	27	17	10	4	5	17	31	22
Organized Athletics/Camps	20	176	171	51	25	146	71	201	317
Other	0	0	0	2	0	0	2	0	0
Other Food Establishments	4	22	6	15	6	1	19	28	7
Other Healthcare	1	3	0	7	3	0	8	6	0
Other Workplaces	6	26	7	14	16	2	20	42	9
Places of Worship	4	78	13	7	1	1	11	79	14
Recreation/Cultural	5	29	70	8	18	0	13	47	70
Restaurants & Food Courts	16	100	28	22	25	12	38	125	40
Retail & Services	15	63	40	29	13	11	44	76	51
Senior Living	3	8	0	51	11	1	54	19	1
Shelters	0	0	0	3	1	0	3	1	0
Social Gatherings	18	106	63	15	16	14	33	122	77
Travel & Lodging	2	11	5	0	0	0	2	11	5
<b>Total</b>	<b>7,226</b>	<b>19,162</b>	<b>931</b>	<b>11,675</b>	<b>2,432</b>	<b>489</b>	<b>18,901</b>	<b>21,594</b>	<b>1,420</b>

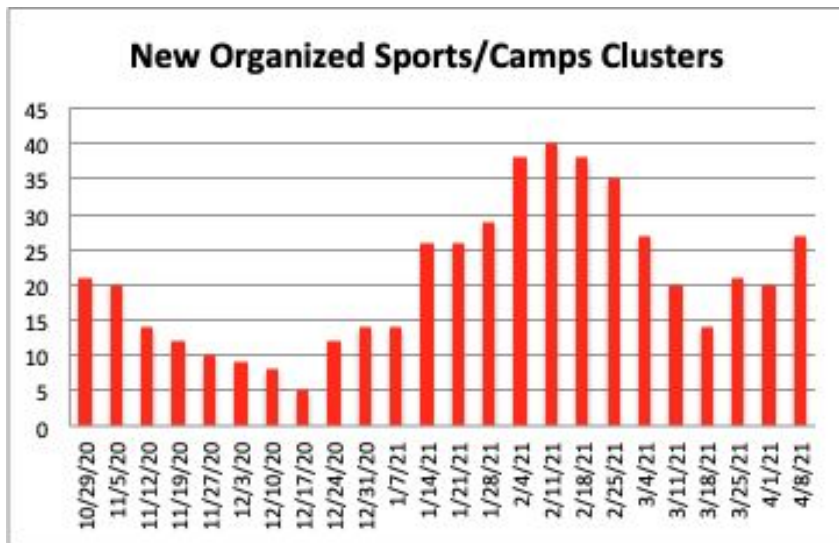
New Clusters: Clusters with the first case (indicated by the first positive lab result) identified during the four week period 2/28/2021 – 3/27/2021

Ongoing Clusters: Clusters with the first case identified prior to 2/28 that has not met criteria to be closed. Confirmed cases included in ongoing clusters occurred between 2/28 and 3/27 but are associated with a cluster that began prior to 2/28. Close contact included in ongoing clusters occurred between 2/28 and 3/27 but are associated with a cluster that began prior to 2/28

Closed Clusters: A cluster is closed after 28 days have passed since the last confirmed case; 85,923 clusters are closed, 309,807 cases are associated with closed clusters

Source of data: Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences. Long Term Care Facility Data from the National Healthcare Safety Network beginning 5/31/2020. All other data from MAVEN and are subject to change. Only clusters consisting of two or more confirmed Massachusetts cases with a common exposure have been included.

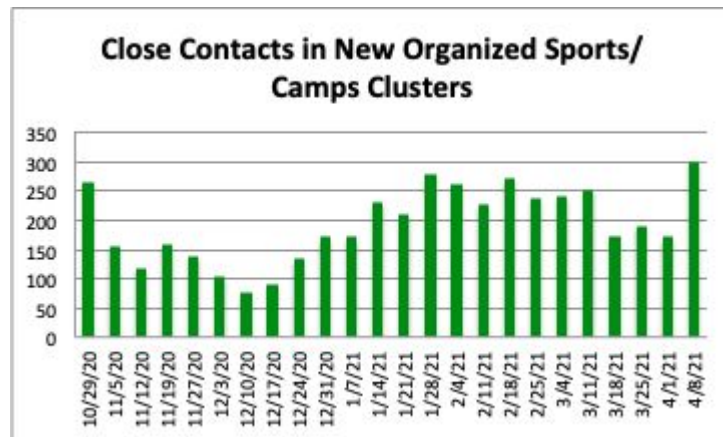
# MA DPH Organized Sports/Camps Clusters



27 new clusters (increase from 20)

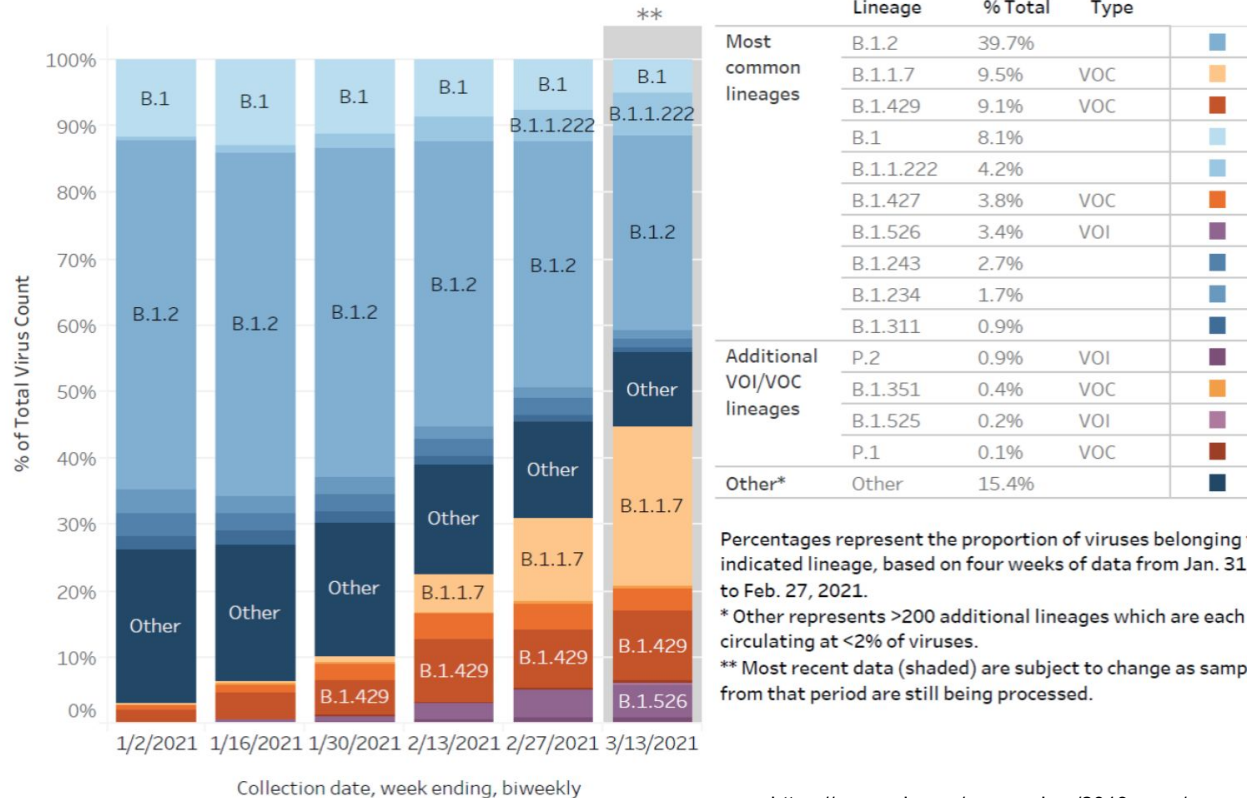


Average Cases per Cluster = 8.1



Average Contacts per Cluster = 11.1

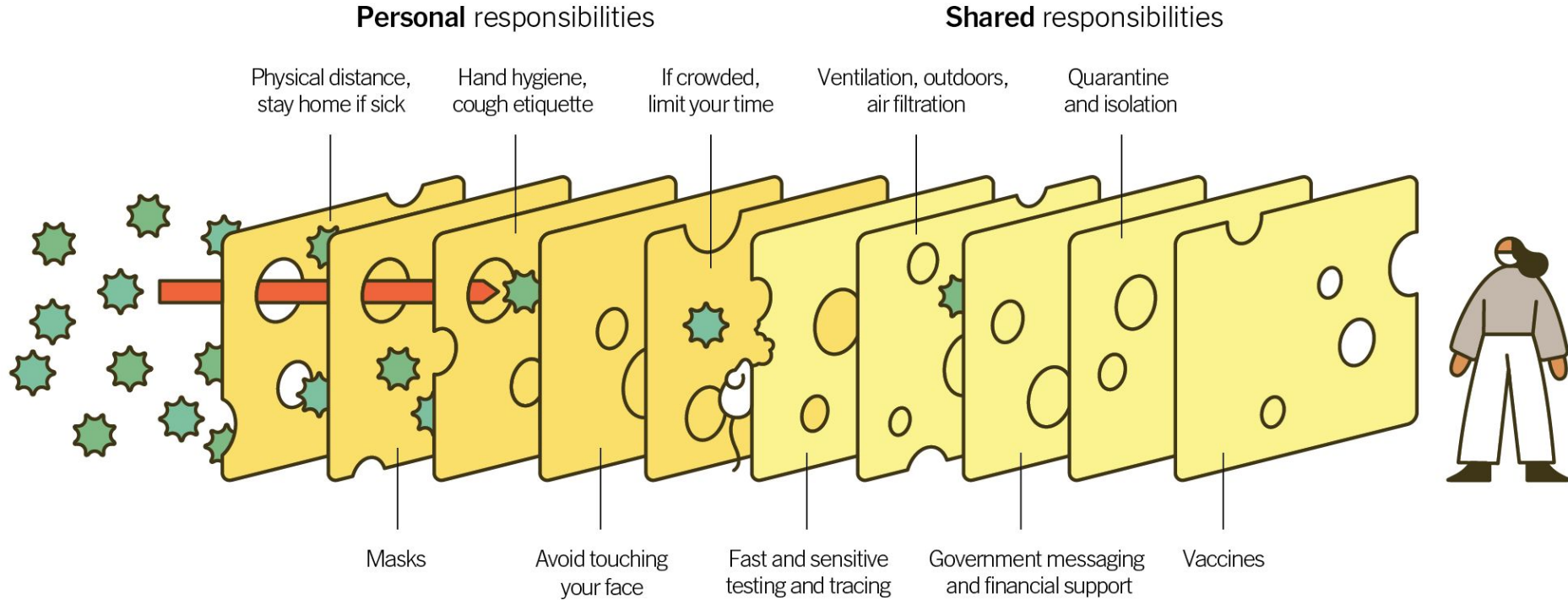
# SARS-CoV-2 Variants Circulating in the United States





# Multiple Layers Improve Success

The Swiss Cheese Respiratory Pandemic Defense recognizes that no single intervention is perfect at preventing the spread of the coronavirus. Each intervention (layer) has holes.

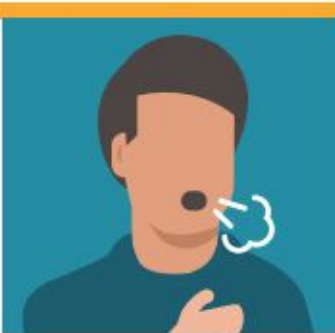




## Know the symptoms of COVID-19, which can include the following:



**Cough, shortness of breath or difficulty breathing**



**Fever or chills**



**Muscle or body aches**



**Vomiting or diarrhea**



**New loss of taste or smell**

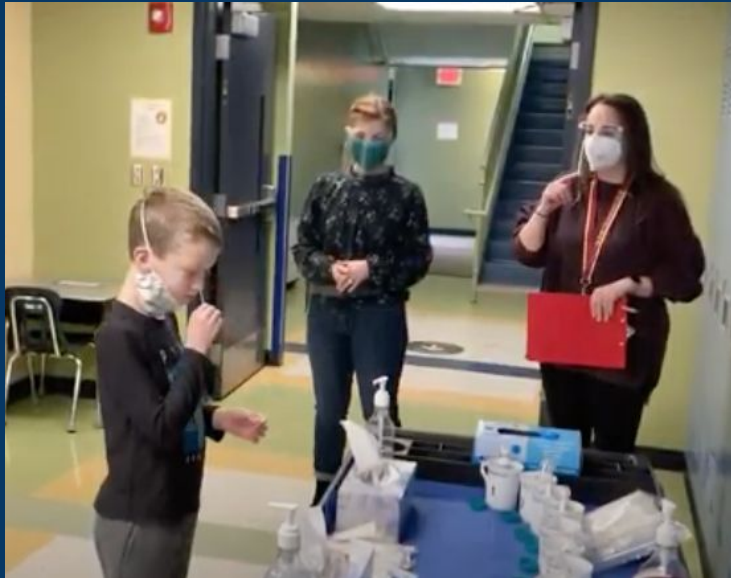
Symptoms can range from mild to severe illness, and appear 2–14 days after you are exposed to the virus that causes COVID-19.

# Get Tested!

Free testing is available through the State

[www.mass.gov/covid-19-testing](https://www.mass.gov/covid-19-testing)

Join the LPS Pooled Testing Program



**Get tested MA!**

Testing for Coronavirus Disease 2019 (COVID-19) is widely available in Massachusetts.

**Who should get tested?**

You should get a test if:

You develop <i>any</i> symptoms of COVID-19, even if they are mild	Or you are a close contact of someone who has tested positive for COVID-19
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# Mask Fit Checklist:

- Fit your mask **snugly against the sides of your face** without gaps.
- Ensure your mask is worn **over your mouth and nose**.
- Bend a nose wire **over your nose** to help prevent air leakage.
- Check for gaps by **cupping your hands around the outside edges** of the mask.



[cdc.gov/coronavirus](https://cdc.gov/coronavirus)

# Use all the tools available to **stop the spread**



**When you can, get the vaccine**

Before, between and after being vaccinated you still need to:



**Wear a mask**



**Wash your hands**



**Keep your distance**



**Avoid groups**

For more information on how to stop the spread visit [Mass.gov/StopCOVID](https://www.mass.gov/StopCOVID)

