PUBLIC SCHOOLS of BROOKLINE

Advisory Panel 4: Public Health, Safety, & Logistics

Meeting Slides

December 17, 2021

Community Benchmarks - Status

Benchmark (each measured over prior 14 days)	Status 10/30/21	Status 11/13/21	Status 11/27/21	**Status 12/11/21**
Avg. daily new case count in Brookline = <10 per 100k people	5.5	10.7	8.4	**17.9**
Avg. daily new case count in Mass. = <10 per 100k people	16.5	23.0	34.3	**62.2**
Avg. test positivity rate in Brookline = <5.0%	0.41%	0.69%	0.66%	**1.10%**
Avg. test positivity rate in Massachusetts = <5.0%	1.70%	2.26%	3.60%	**4.97%**

Panel 4 selected these four community transmission benchmarks in August 2020 as triggers for focused evaluation and discussion of whether changes in operations are warranted, not as definitive indicators of in-school risk or thresholds for automatic action. Research and PSB-specific data since that time have convincingly shown that in-school transmission risk can be kept very low even at high levels of community case incidence.

Data source: https://www.mass.gov/info-details/covid-19-response-reporting

MA DPH Color Scale

Incidence Rate Color Table

Massachusetts Department of Public Health COVID-19 Dashboard - Thursday, November 12, 2020

Average Daily Incidence Rate per 100,000 Color Calculations

	Population		
Group	**Under 10K**	**10K-50K**	**Over 50K**
Grey	Less than or equal to 10 total cases	Less than or equal to 10 total cases	Less than or equal to 15 total cases
Green	Less than or equal to 15 total cases	<10 avg cases/100k AND >10 total cases	<10 avg cases/100k AND >15 total cases
Yellow	Less than or equal to 25 total cases	≥10 avg cases/100k OR ≥5% pos rate	≥10 avg cases/100k OR ≥ 4% pos rate
Red	More than 25 total cases	≥10 avg cases/100k AND ≥5% pos rate	≥10 avg cases/100k AND ≥4% pos rate

Brookline's population is ~63,000

Brookline is here as of 12/11/21 (yellow)

As of 11/5, DPH is using 2019 population estimates derived from a method developed by the University of Massachusetts Donahue Institute. The 2019 estimates are the most currently available data.

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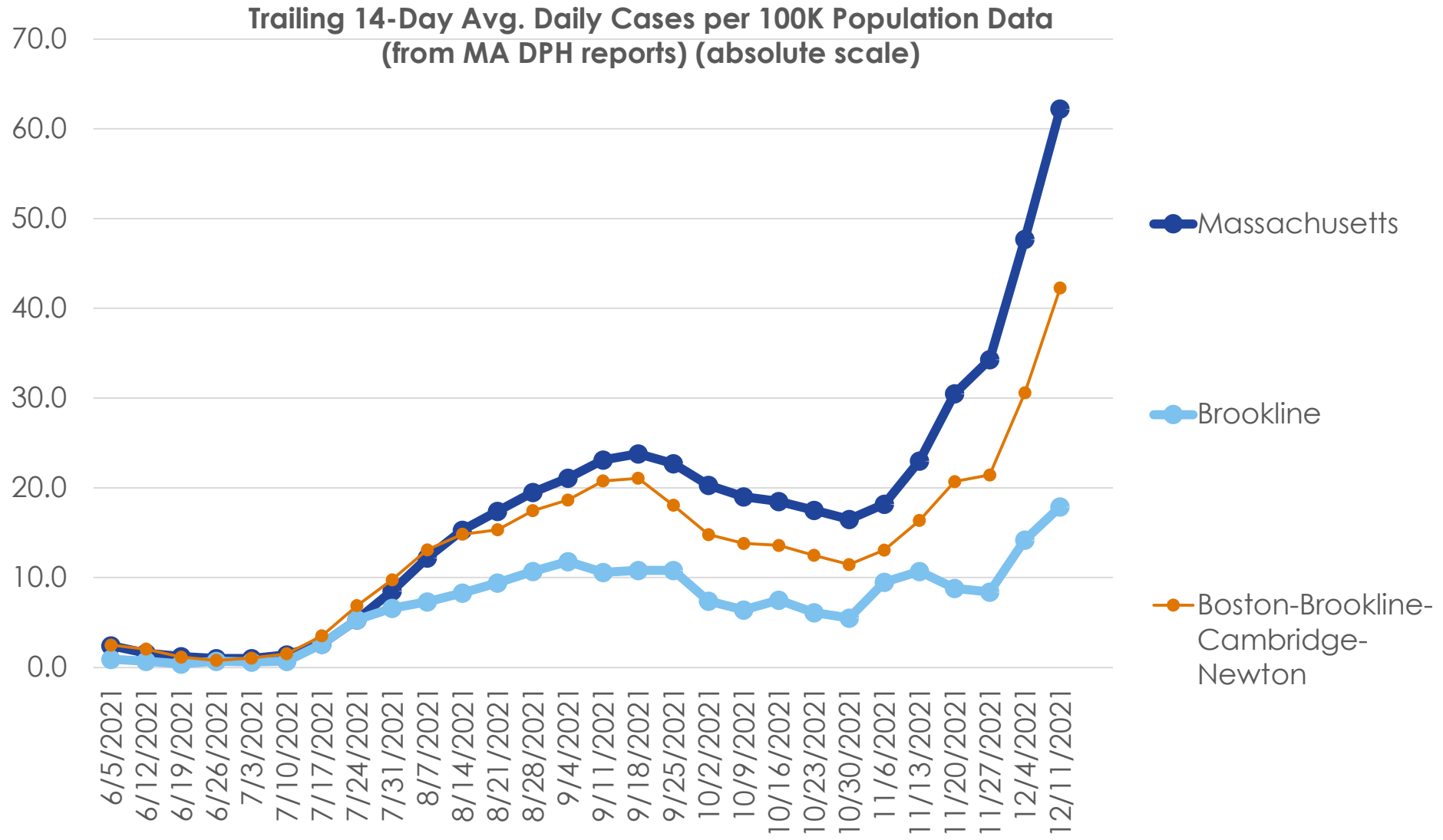
Chart and data source: https://www.mass.gov/info-details/covid-19-response-reporting

Trends: Avg. Daily New Cases per 100k



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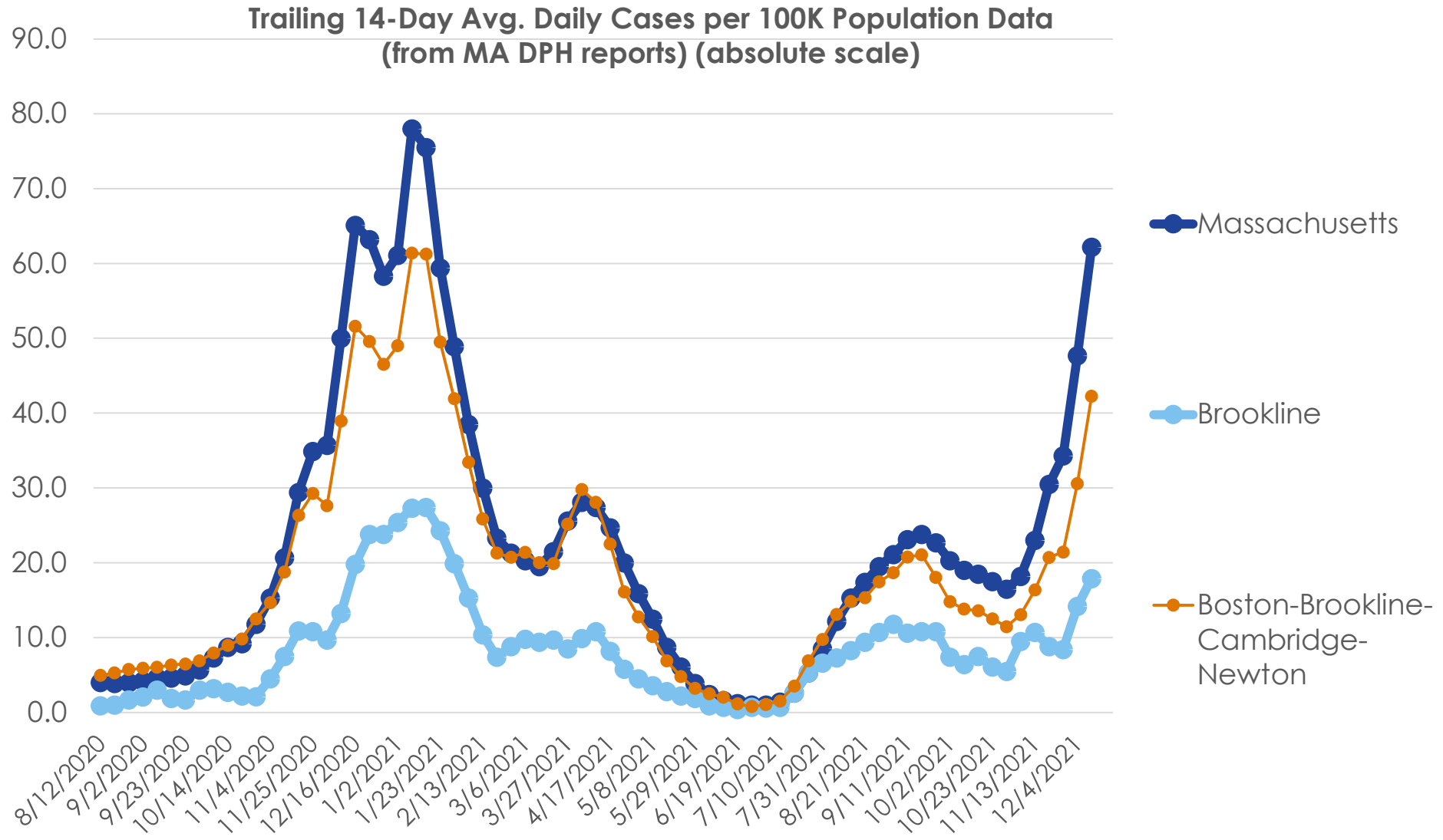
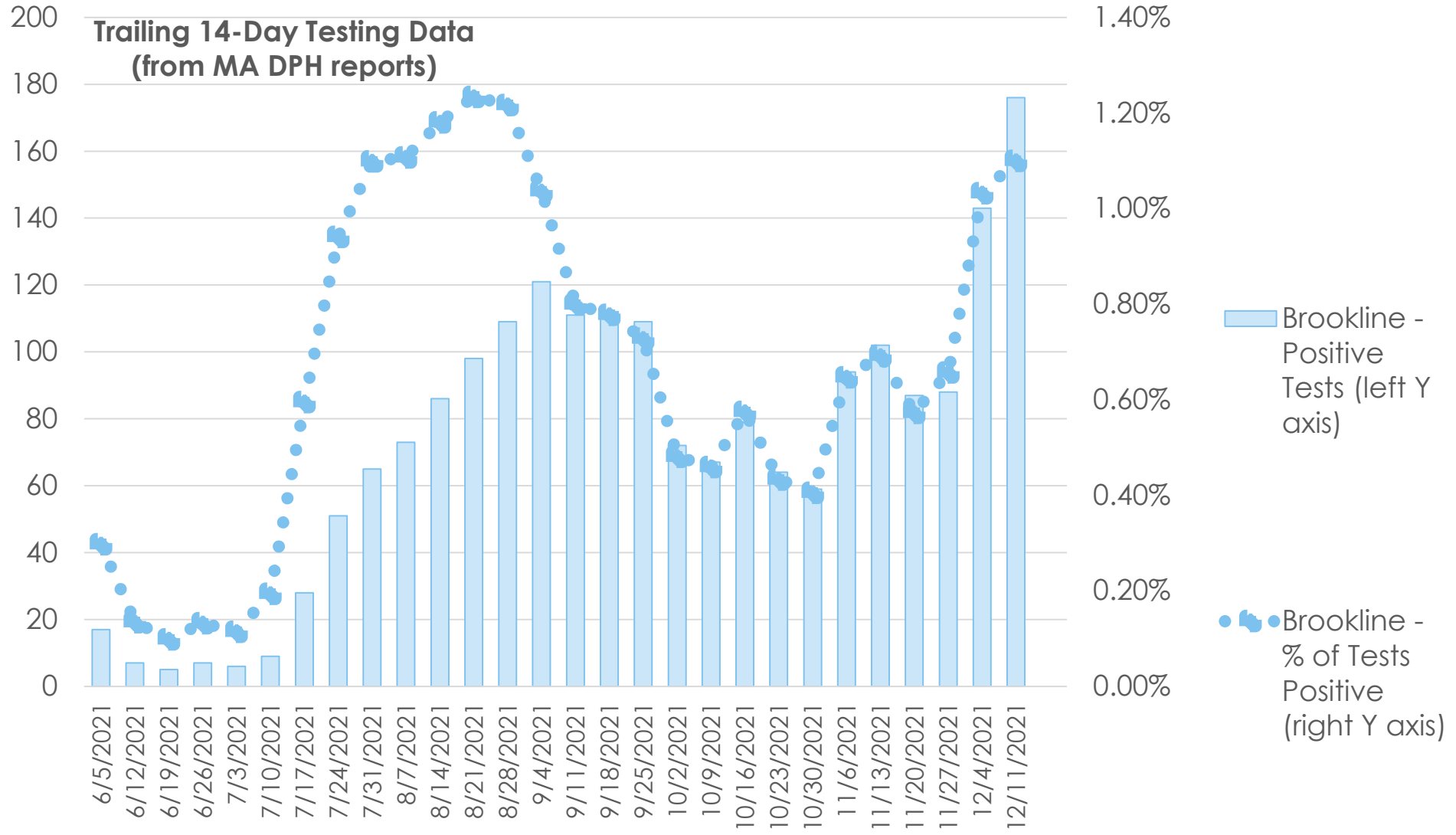


Data source: https://www.mass.gov/info-details/covid-19-response-reporting

Trends: Test Positivity (Brookline)



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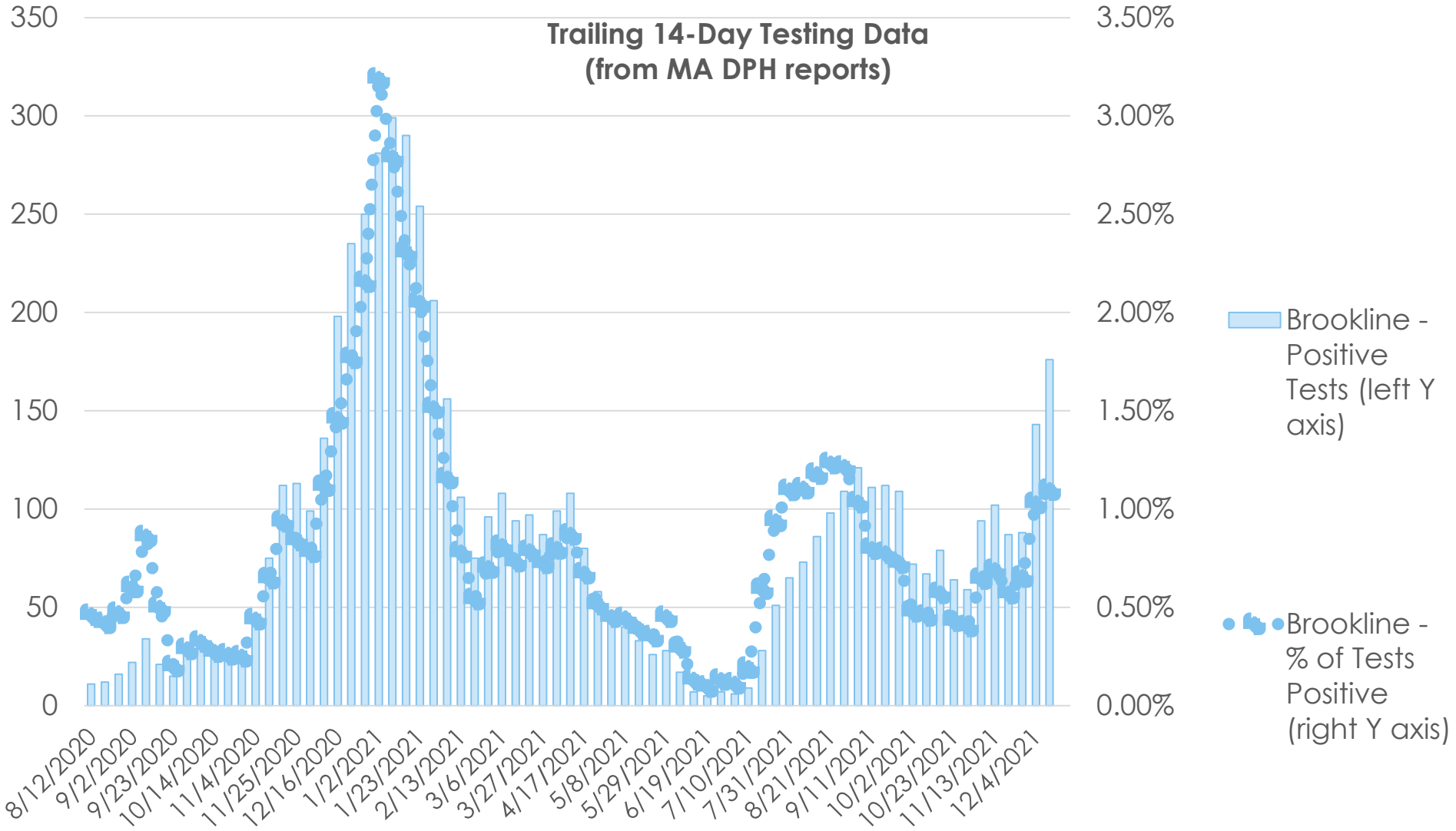
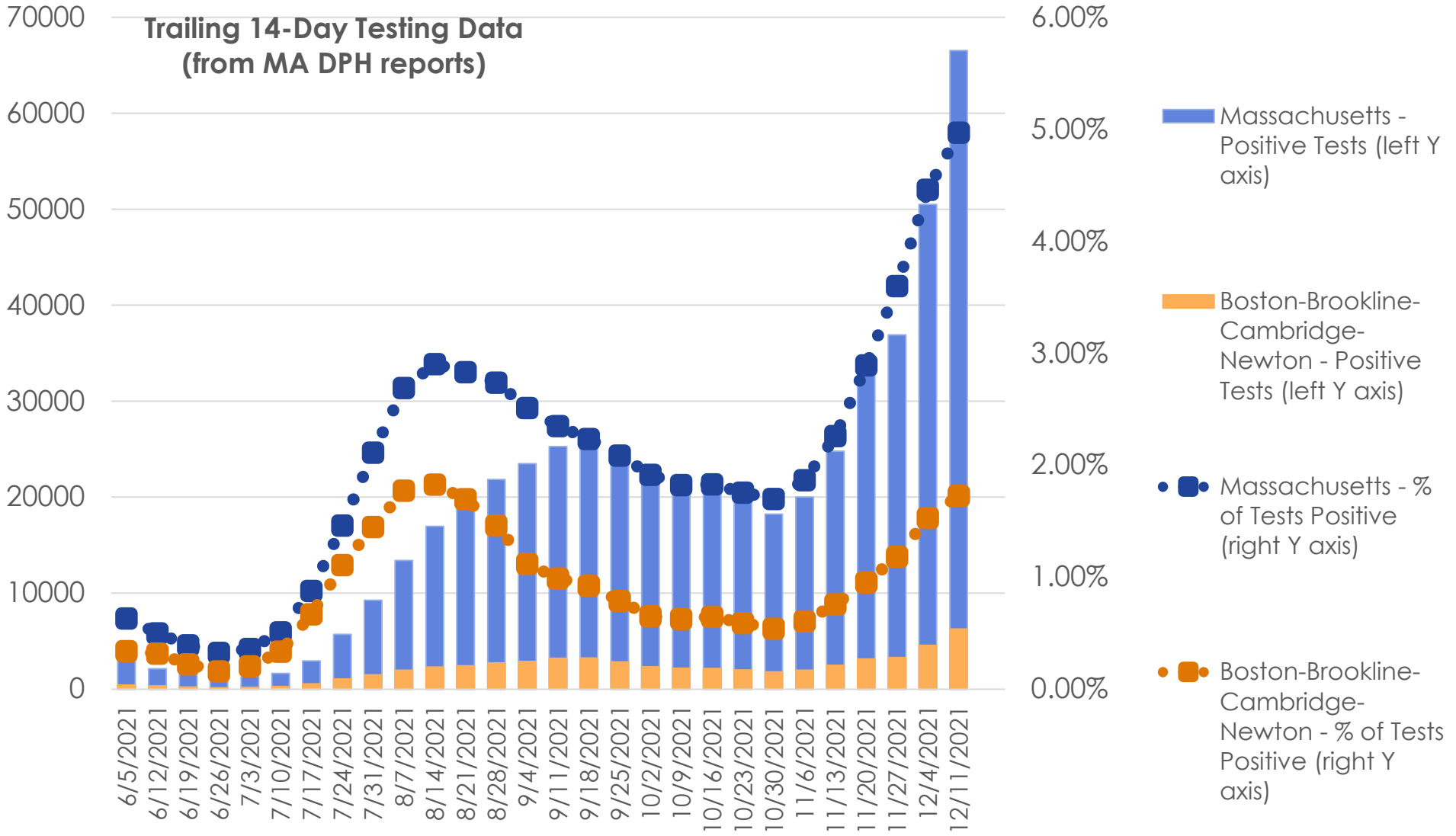


Data source: https://www.mass.gov/info-details/covid-19-response-reporting

Trends: Test Positivity (Statewide)



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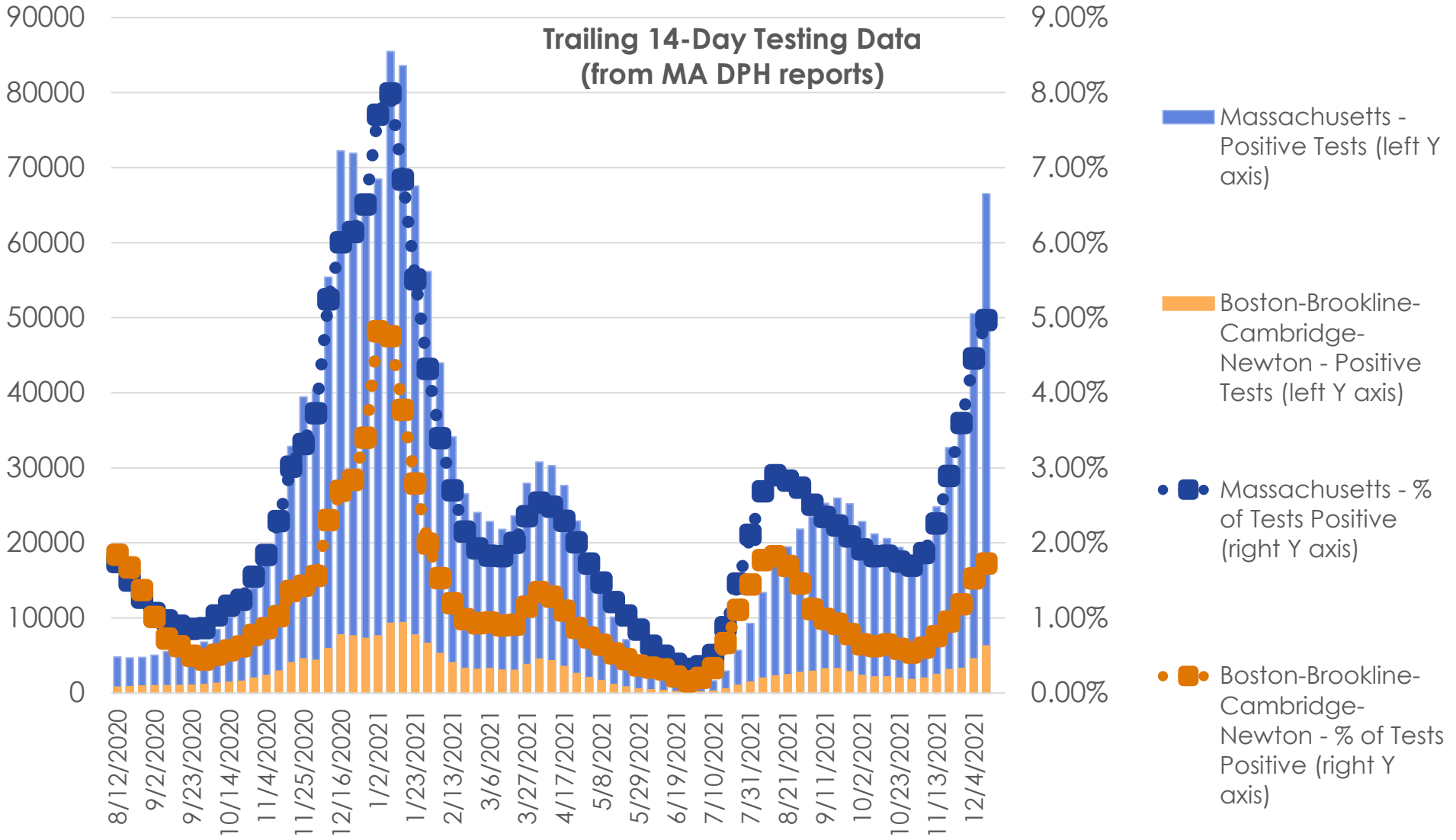
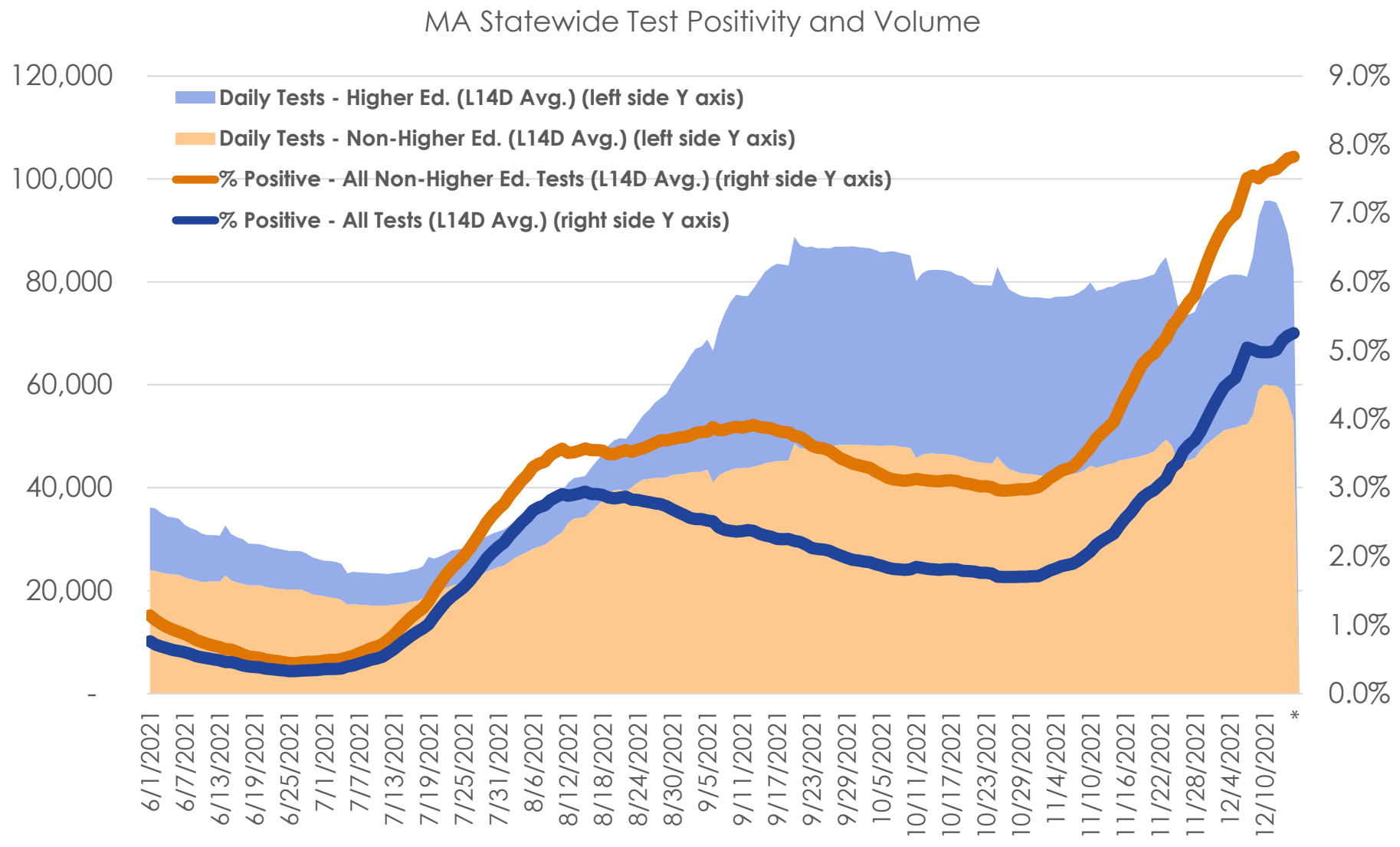


Data source: https://www.mass.gov/info-details/covid-19-response-reporting

Trends: Test Positivity and Testing Volume (Statewide)



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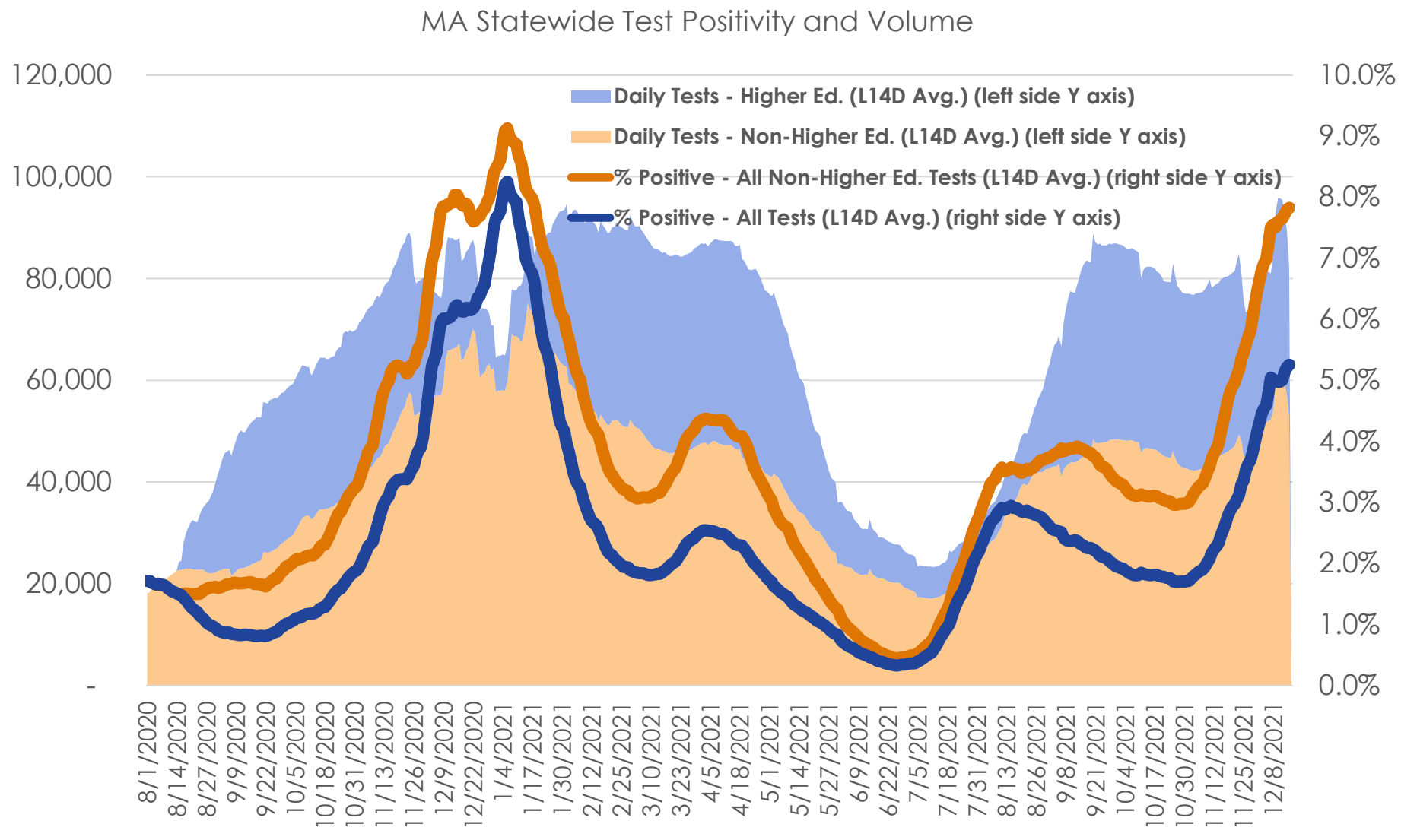

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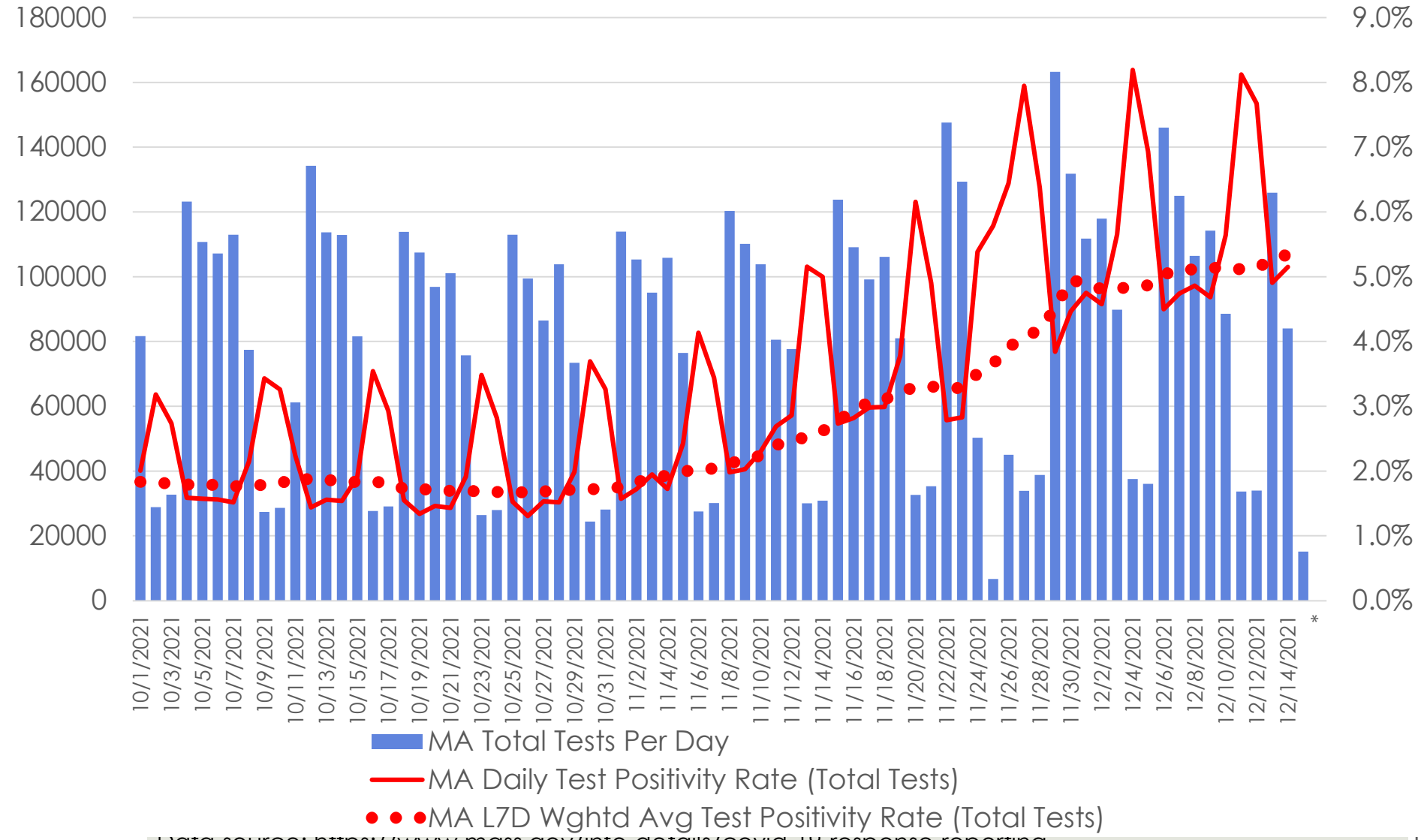
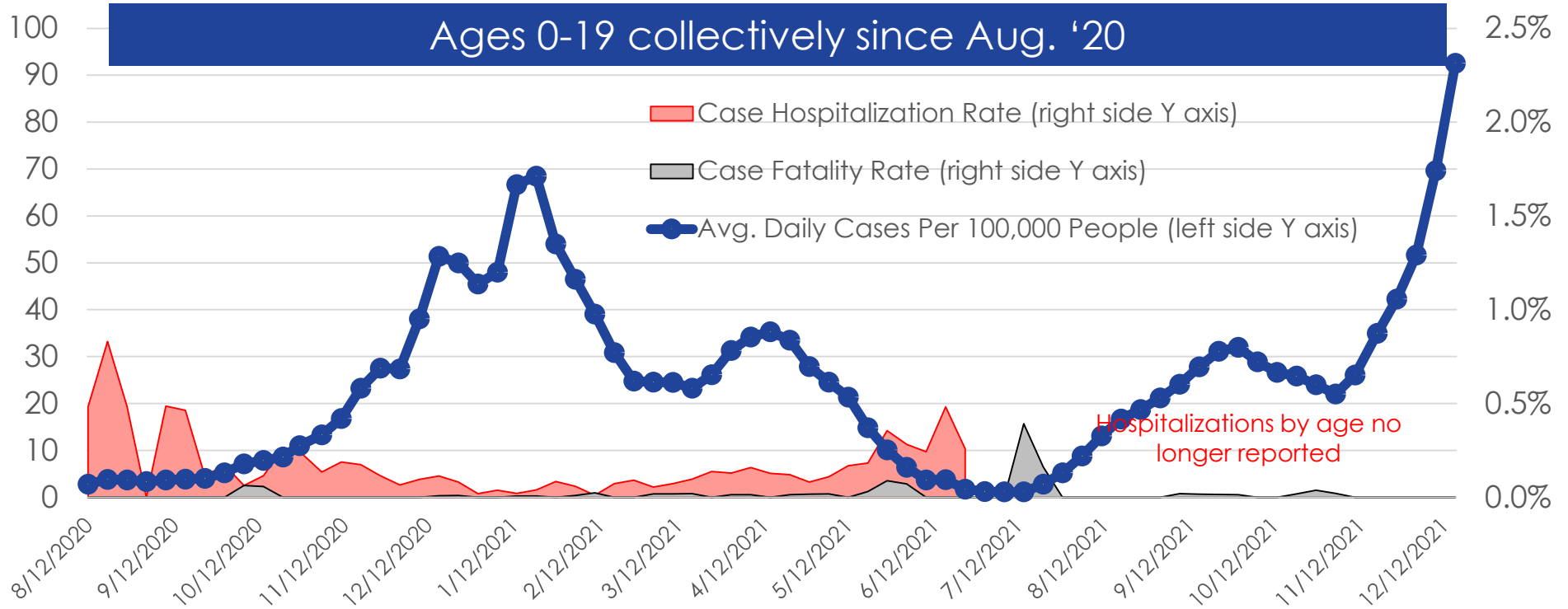
Trends: Daily Test Volumes and Positivity (Statewide)



Data source: https://www.mass.gov/info-details/covid-19-response-reporting

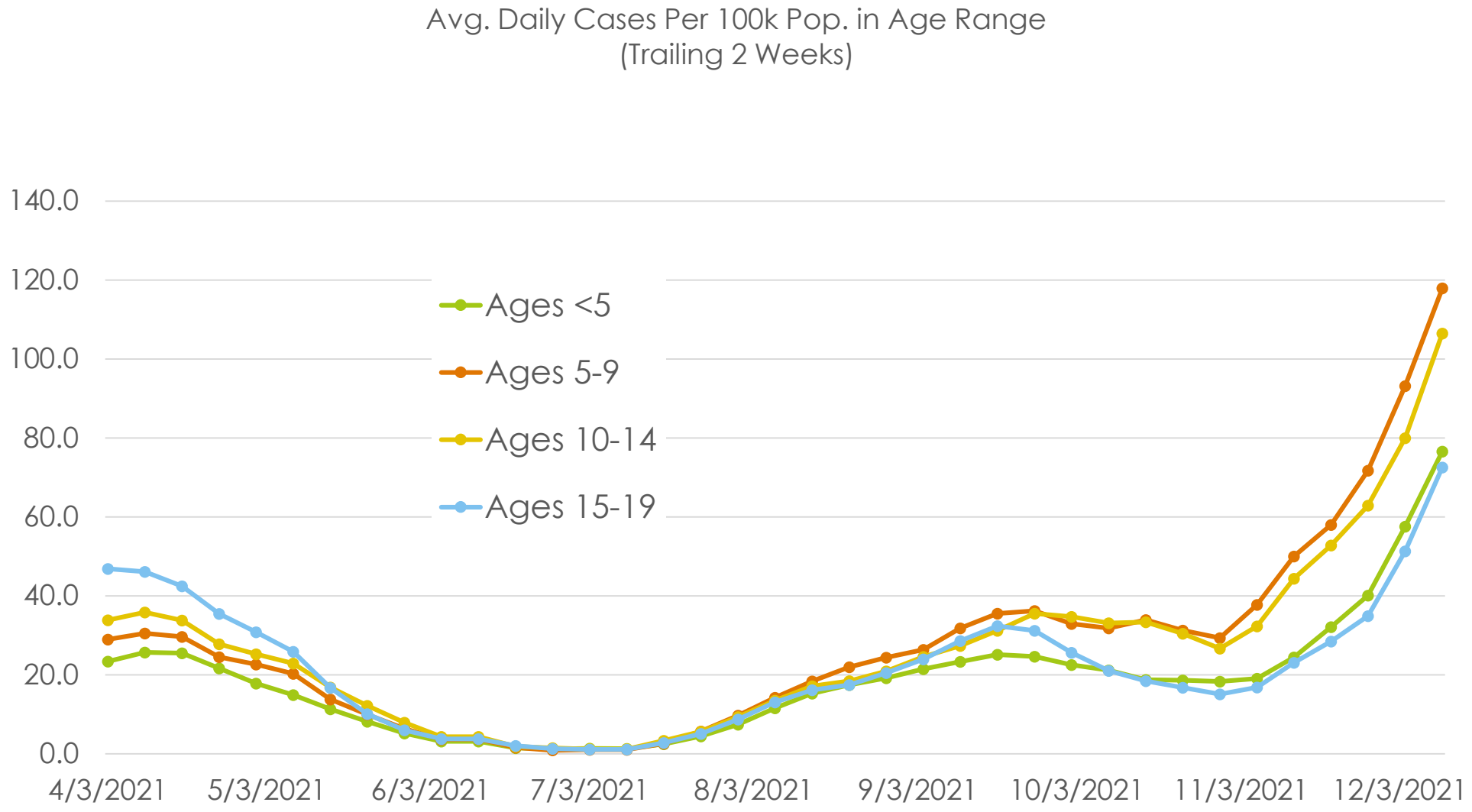
Trends: 0-19 Year-Old Age Cohort (MA Statewide)



Nationwide *estimates from AAP/CHA*	**Pediatric Case Hospitalization Rate**	**Pediatric Case Fatality Rate**
Most Recent	0.8%	0.01%
Last 12 Mos.	0.8% - 0.9%	0.01%

Data source: https://www.mass.gov/info-details/covid-19-response-reporting; https://www.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/children-and-covid-19-state-level-data-report/

Trends: 0-19 Year-Old Age Cohort (MA Statewide)



Data source: https://www.mass.gov/info-details/covid-19-response-reporting

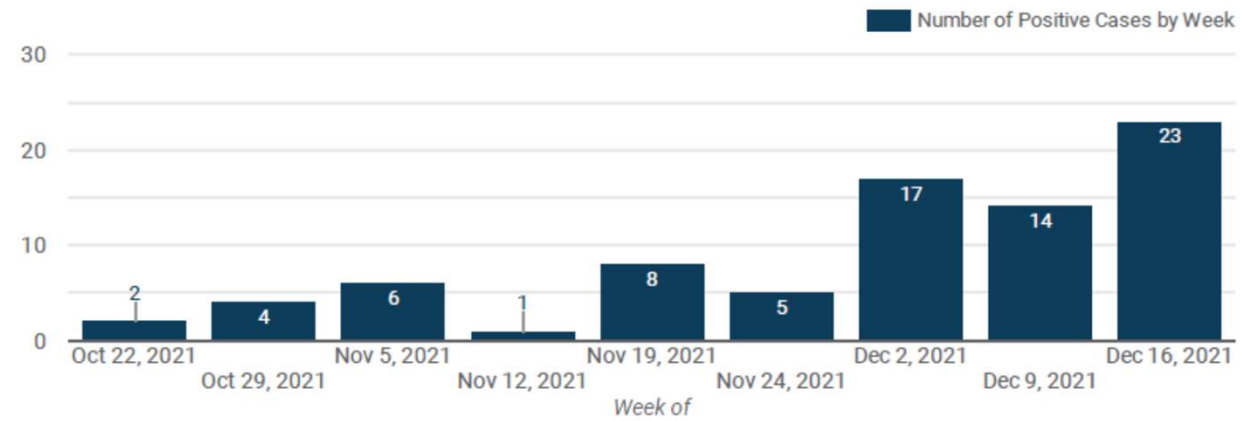
Data Last Updated: 12/17/21

PUBLIC SCHOOLS of BROOKLINE

COVID-19 CASES: DISTRICT DASHBOARD (SY2021-22)

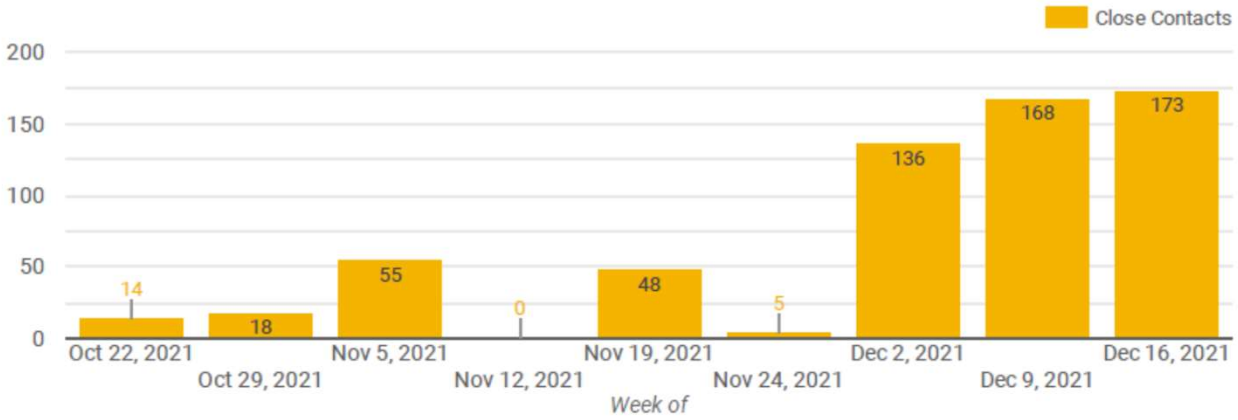
Dashboard outlines number of positive COVID-19 cases in the PSB school community by week and learning model. For the purpose of this dataset, weeks run **Friday to Thursday.**
Source: Public Schools of Brookline School Health Services Department

Number of Positive Cases, by Week*



Due to Thanksgiving Break, reporting for the Week of 11/24 ran from Friday, 11/19 to Wednesday, 11/24 while reporting for the Week of 12/2 ran from Thursday, 11/25 to Thursday, 12/2.

Number of Close Contacts, by Week*



Due to Thanksgiving Break, reporting for the Week of 11/24 ran from Friday, 11/19 to Wednesday, 11/24 while reporting for the Week of 12/2 ran from Thursday, 11/25 to Thursday, 12/2.

TOTAL PSB CASES TO DATE: 120

Students: 82
Staff: 38

Total cases among school-based students and staff: 120

TOTAL CLOSE CONTACTS: 845 close contacts connected to 75 cases

Total positive cases with no close contacts at school: 45

Close contacts are defined as anyone has interacted with a COVID-19 positive individual under the following circumstances: The interaction must be indoors, within six feet of distance, lasted for a combined total of 15 minutes or more over a 24 hour period, and occurred within a 48 hour period before the individual tested positive/displayed symptoms for COVID-19.

Chart source: https://sites.google.com/psbma.org/psb-reopening-hub/dashboard

PUBLIC SCHOOLS of BROOKLINE

Data Last Updated: 12/17/21

COVID-19 CASES: SCHOOL BY SCHOOL DASHBOARD (SY2021-22)

The table outlines the number of positive COVID-19 cases by week and the number of cumulative cases for the year at each school. For the purpose of this dataset, weeks run **Friday to Thursday.**
Source: Public Schools of Brookline School Health Services Department

Number of Positive Cases, by School & District Offices (Week of 12/10 - 12/16)

School/Building	Weekly Positive Cases	Cumulative Positive Cases	Weekly Close Contacts	Cases with Close Contacts
BEEP @ Beacon	1	1	-	-
BEEP @ Clark	1	1	21	1
BEEP @ Lynch	1	1	4	1
BEEP @ Putterham	1	1	-	-
Baker	2	17	1	1
Brookline High School	6	28	49	3
Driscoll	1	7	5	1
Florida Ruffin Ridley	0	8	-	-
Heath	1	16	9	1
Lawrence	1	10	21	1
Lincoln	1	5	-	-
Pierce	3	13	46	3
Runkle	4	12	17	3
Total	23	120	173	15

School/Building	Weekly Positive Cases	Cumulative Positive Cases	Close Contacts	Cases with Close Contacts
District Office	0	0	-	-

Chart source: https://sites.google.com/psbma.org/psb-reopening-hub/dashboard

PUBLIC SCHOOLS of BROOKLINE

Data Last Updated: 12/17/21

COVID-19 CASES: GRADE LEVEL AND STAFF DASHBOARD (SY2021-22)

The table outlines the number of positive COVID-19 cases by week and the number of cumulative cases for the year at each school. For the purpose of this dataset, weeks run **Friday to Thursday.**
Source: Public Schools of Brookline School Health Services Department

Total Number of Positive Cases, by Grade Level and Staffing (Week of 12/10 - 12/16)

Grade Level	Weekly Positive Cases	Cumulative Positive Cases
BEEP/Pre-K	3	3
Kindergarten	0	9
1st Grade	3	6
2nd Grade	0	8
3rd Grade	1	6
4th Grade	2	10
5th Grade	1	8
6th Grade	1	5
7th Grade	0	4
8th Grade	1	4
9th Grade	0	5
10th - 12th Grade	5	17
Staff (School-Based)	6	35
Staff (District Office)	0	0
Total	23	120

Chart source: https://sites.google.com/psbma.org/psb-reopening-hub/dashboard

For those that have feedback on Brookline Public Health distribution of at-home tests, or want to connect me with potential community partners, I can be reached at jkleschinsky@brooklinema.gov or 617-730-2297