

Tufts University Pooled Testing Program with the Medford and Somerville PK-12 Schools

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Broad Institute Testing Program



MA Higher Education Testing Group Report (Tufts):

- Residential students 2x/week (on and off campus)
- Student facing staff 2x/week (dining, custodial, student services)
- Graduate, professional students, faculty and staff 1x/week

COVID-19: Massachusetts

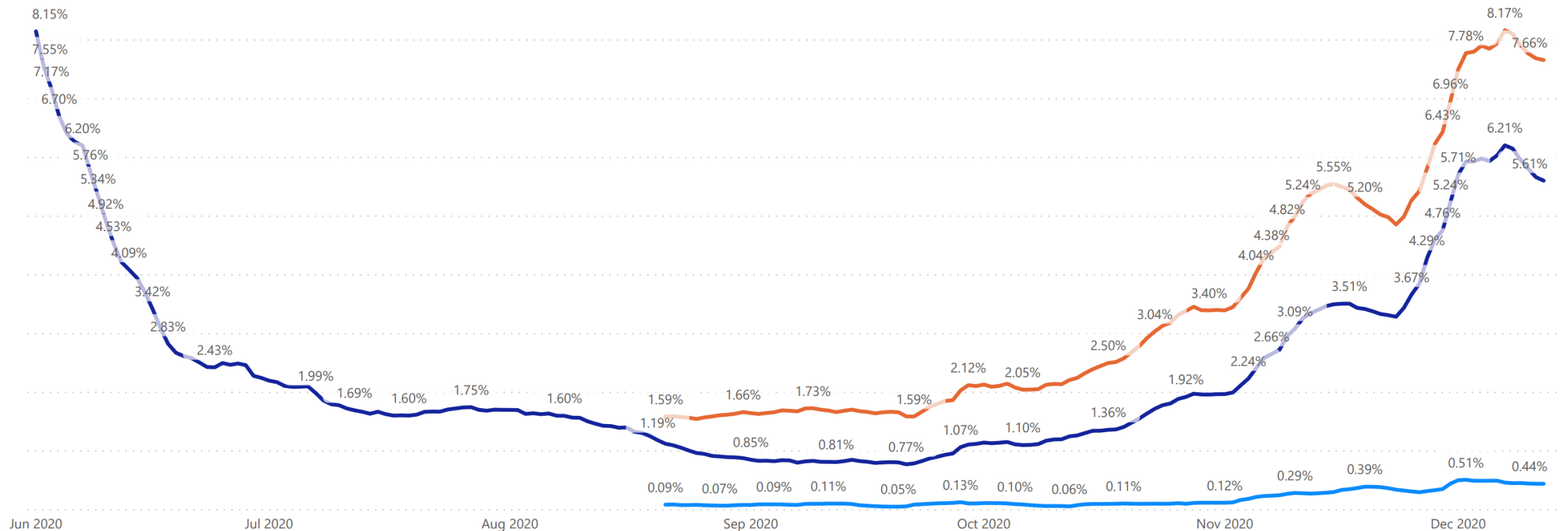


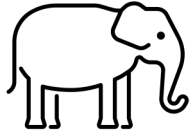
Massachusetts Department of Public Health COVID-19 Dashboard- Sunday, December 13, 2020

Testing by Date - Molecular (Percent Positive)

7-Day Weighted Average of Percent of Tests By Molecular Method that are Positive by Test Date

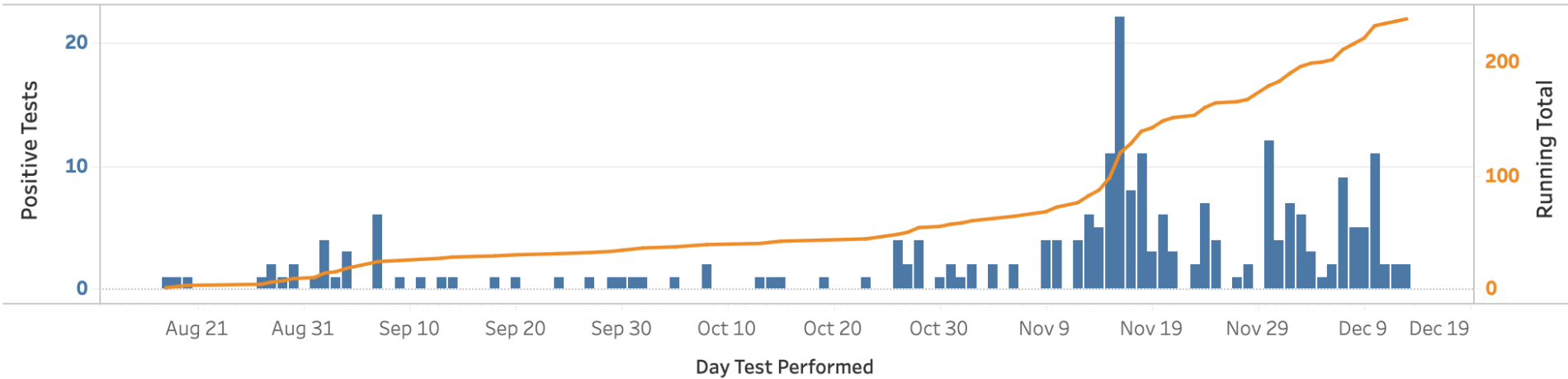
● MA Statewide (metric on p.2) ● MA Higher Education Only ● MA with Higher Education Tests Removed



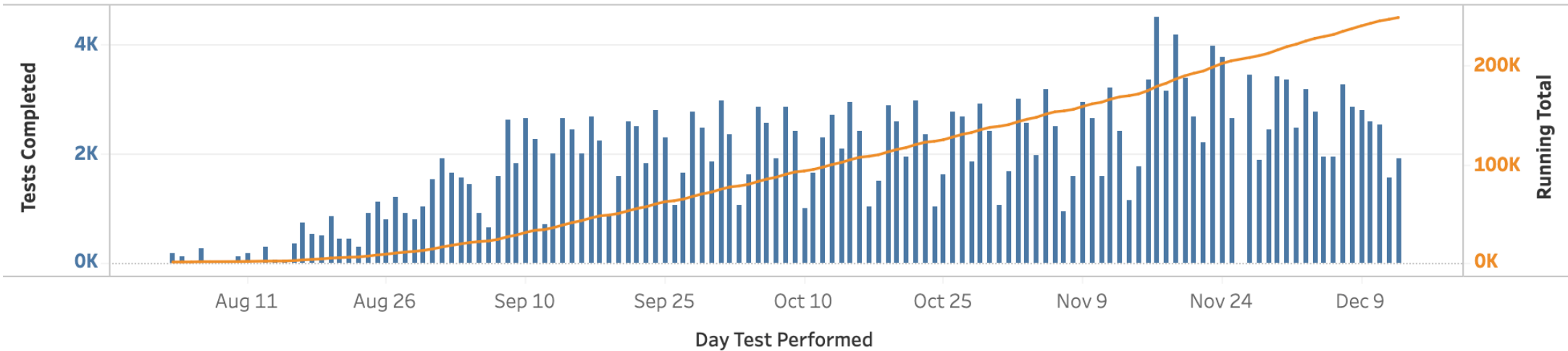


Total Number of Tests with Results	Positive Tests*	% Positive
244,973	234	0.10%

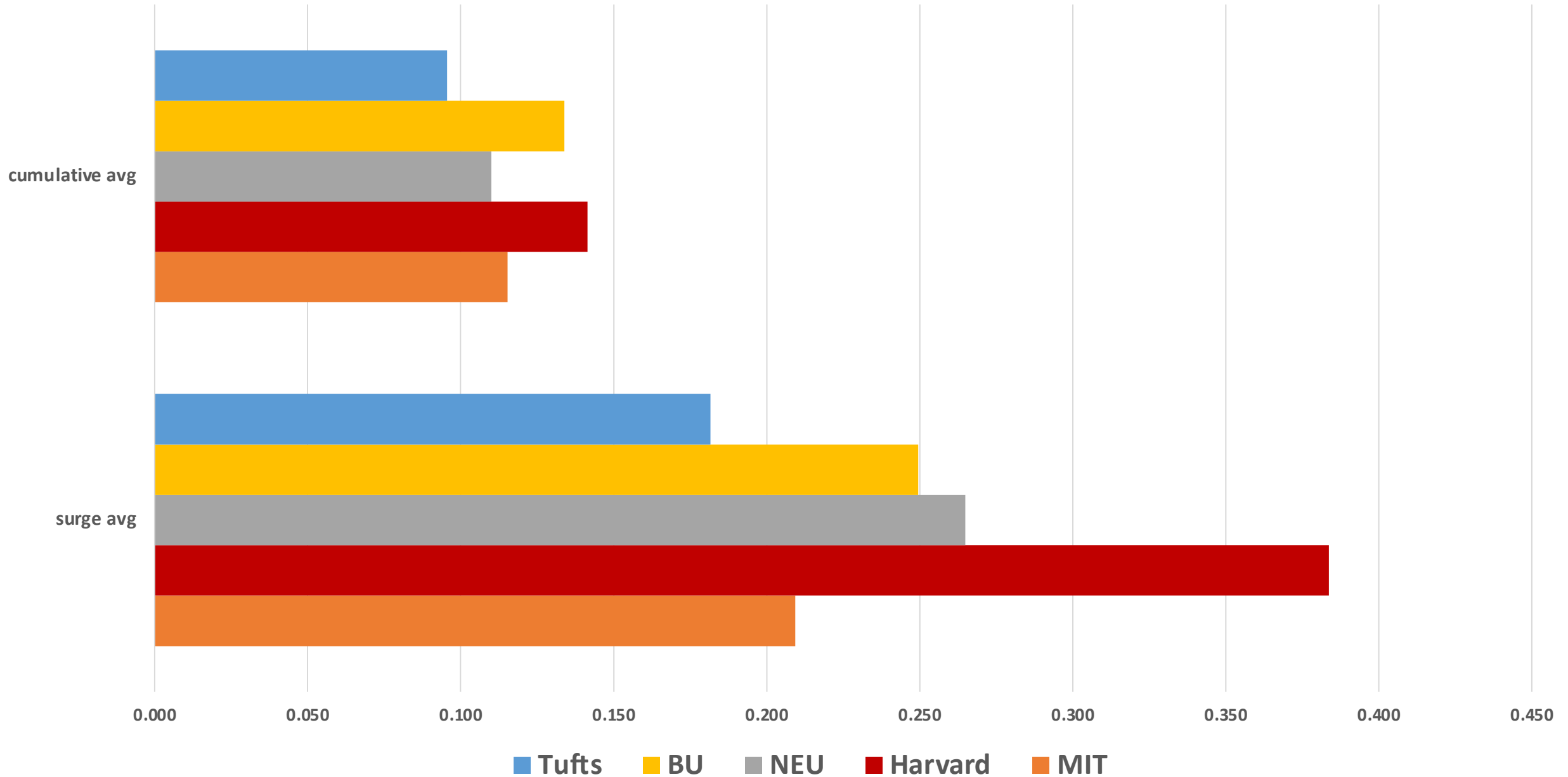
Positive Tests by Day Performed & Running Total



Completed Tests by Day Test Performed & Running Total
(beginning August 5th)



Boston-area universities' cumulative and surge (11/08-12/12) test positivity (%)



Supporting our Host Communities of Medford and Somerville

- Thanksgiving break
 - Partnering with local restaurants to provide 1800 meals for in-person students
- Community surveillance testing
 - Pooled Testing Pilot for PK-12 Schools
 - COVID-10 Community Testing Program
 - Partnership with Medford and Somerville mayors, public school and health systems

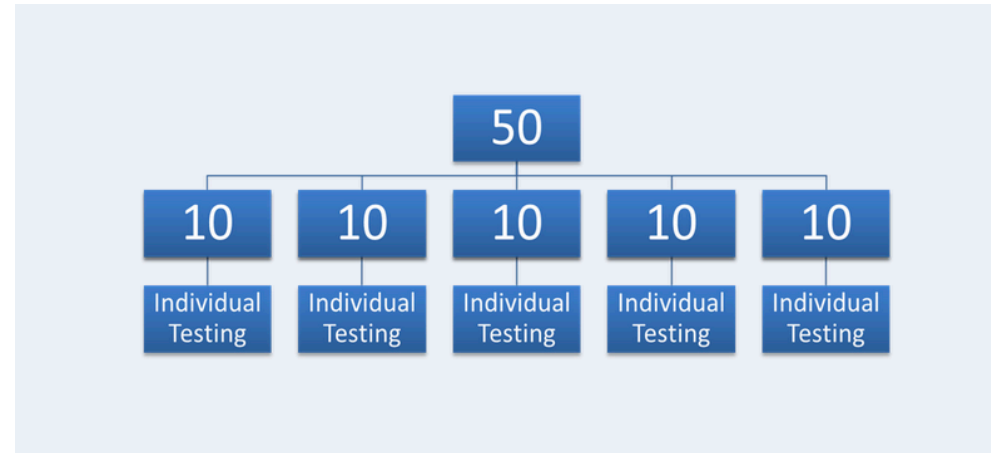


Three Different Methods of Pooling

Two-stage Hierarchical Testing



Three-stage Hierarchical Testing



Array Testing

