The Public Health Response to the COVID-19 Pandemic in Cambridge

COVID-19 Weekly Report

Cambridge City Council

November 9, 2020
Massachusetts Cities Comparison

<table>
<thead>
<tr>
<th>City/Town</th>
<th>Average Daily Incident Rate per 100,000 (last 14 days)</th>
<th>Oct. 29 Report</th>
<th>Nov. 5 Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston</td>
<td></td>
<td>15.8</td>
<td>18.4</td>
</tr>
<tr>
<td>Cambridge</td>
<td></td>
<td>3.9</td>
<td>5.0</td>
</tr>
<tr>
<td>Lowell</td>
<td></td>
<td>17.6</td>
<td>27.7</td>
</tr>
<tr>
<td>Newton</td>
<td></td>
<td>5.6</td>
<td>5.6</td>
</tr>
<tr>
<td>Somerville</td>
<td></td>
<td>7.5</td>
<td>9.3</td>
</tr>
<tr>
<td>Springfield</td>
<td></td>
<td>15.9</td>
<td>24.6</td>
</tr>
<tr>
<td>Worcester</td>
<td></td>
<td>14.4</td>
<td>16.0</td>
</tr>
<tr>
<td>State</td>
<td></td>
<td>11.8</td>
<td>15.3</td>
</tr>
</tbody>
</table>

Note: Data reflect the 14-day period from Oct. 18-Oct. 31, 2020.
What Changed?

### New Metrics

<table>
<thead>
<tr>
<th>Population</th>
<th>Under 10K</th>
<th>10K-50K</th>
<th>Over 50K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey</td>
<td>Less than or equal to 10 total cases</td>
<td>Less than or equal to 10 total cases</td>
<td>Less than or equal to 15 total cases</td>
</tr>
<tr>
<td>Green</td>
<td>Less than or equal to 15 total cases</td>
<td>&lt;10 avg cases/100k AND &gt;10 total cases</td>
<td>&lt;10 avg cases/100k AND &gt;15 total cases</td>
</tr>
<tr>
<td>Yellow</td>
<td>Less than or equal to 25 total cases</td>
<td>≥10 avg cases/100k OR ≥5% pos rate</td>
<td>≥10 avg cases/100k OR ≥4% pos rate</td>
</tr>
<tr>
<td>Red</td>
<td>More than 25 total cases</td>
<td>≥10 avg cases/100k AND ≥5% pos rate</td>
<td>≥10 avg cases/100k AND ≥4% pos rate</td>
</tr>
</tbody>
</table>

### Old Metrics

- Gray (≤5 reported cases)
- Green (≤4 cases per 100k)
- Yellow (4 - 8 cases per 100k)
- Red (≥8 cases per 100k)
New Statewide Measures To Curb COVID-19 Spread

*New Orders & Advisories (effective 11/6)*

**Stay At Home Advisory:** Residents advised to stay at home between 10 p.m. and 5 a.m.

**Early Closure of Businesses and Activities:** Requires certain businesses and activities to close or end at 9:30 p.m.

**Gatherings at private residences** are limited to 10 people at indoor gatherings and 25 people at outdoor gatherings.

**Face Covering Order:** With some exceptions, residents age 5+ are required to wear a face covering when in a public location (indoor/outdoor) or at a private gathering of 10+ people.
Current Data

- **1,660** confirmed, probable, and suspect cases\(^1\)
  - 1,386 in the community
  - 274 in nursing homes and assisted living
  - 100 deaths
- **1,154** recoveries; **159** active cases\(^1\)
- Average daily incidence rate of confirmed cases in last 14 days\(^2\): **5 per 100,000 residents**
- Cambridge is a **GREEN/low-risk community**.

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\(^1\) Data current as of Nov. 8, 2020.
\(^2\) 14 day period reflects Oct. 18-31; MDPH Nov. 5 weekly report.
New Cambridge Cases:
March 2 – November 8
Cambridge Cases By Neighborhood (Rate)

COVID-19 Cases per 10,000 Residents
Cambridge, MA

North Cambridge
Rate: 126.2

Cambridge Highlands
Rate: 105.1

Strawberry Hill
Rate: 119.3

West Cambridge
Rate: 82.5

Neighborhood Nine
Rate: 99.7

Agassiz
Rate: 52

Mid-Cambridge
Rate: 79.6

Riverside
Rate: 78.5

Wellington-Harrington
Rate: 165.8

The Port
Rate: 181.5

Cambridgeport
Rate: 114.1

East Cambridge
Rate: 199.3

Area 2/MIT
Rate: 39.1

Case Rate
- 0 to 50
- 50 to 100
- 100 to 150
- 150 to 200

Updated: 2020-11-09 at 09:12AM
Potential Drivers in Case Increase

- Increase in cases regionally and nationally.
- Cooler weather and more time indoors.
- Indoor gatherings and parties.
- Recent increases of cases at MIT since late October:
  - MIT contact tracing revealed that the increase is tied primarily to off-campus connections and personal travel.
  - Cluster among MBA students at MIT Sloan:

MIT Actions include:

1. Moving to virtual instruction for first-year MBA students.
2. First-year MBA students being tested every other day through 11/13.
COVID-19 Community Testing

ALL TESTING SITES

260,485 Tests since March 2\(^1\) | 46,189 Tests in past 14 days\(^2\)

*Tests administered to Cambridge residents at any health care or city site.*

0.20% Tests positive among Cambridge residents in past 14 days\(^2\)

2.8% Cambridge residents who tested positive in past 7 days\(^3\)

CITY-FUNDED TESTING PROGRAM

- Testing offered *7 days a week*, starting today (Nov 9).
- Sites in East Cambridge, Harvard Square, North Cambridge, and The Port.
- **18,160 total tests** administered since April.

\(^1\)Testing period March 2-Oct. 31; \(^2\)Testing period Oct. 18-31; \(^3\)Testing period Oct. 25-31.
COVID-19 Testing in K-12 Schools

CPS staff are being tested twice a week, on a voluntary basis, as part of a CPHD surveillance program. Testing is also offered to symptomatic students who become ill at school.

2,441 Tests
Tests administered to CPS staff through the voluntary testing program since Oct. 15 (as of Nov. 5)

825 Staff Tested
CPS staff who have been tested through the voluntary testing program since Oct. 15

3X
Average number of times a CPS staff member has gotten tested through the program since Oct. 15

28 students
Symptomatic CPS students who have been tested through the program since Oct. 15
Cambridge Community Corps

The Cambridge Community Corps will remain active in November in city parks, and Harvard and Inman squares.

Mask Up Courtesy Card (front and back)
CPhD Flu Clinics

• **CPhD flu clinic:**
  Saturday, Nov. 14
  9 a.m.-7 p.m.
  CambridgeSide Parking Garage

• Flu shots are also available at pharmacies, doctors’ offices, and urgent care centers