



BOSTON PUBLIC HEALTH COMMISSION (BPHC)

Communicable Disease Control Division

1010 Massachusetts Ave - Boston, MA 02118

Phone: (617) 534-5611 - Fax: (617) 534-5905

Boston COVID-19 Report - For the Week Ending 3/28/2020 (MMWR*, ** Week 13)

9/29/2019-3/28/2020 (MMWR Week 13)

COVID-19 Cases (Boston Residents)	#
Active Cases	328
Recovered Cases	34
Deaths	2
TOTAL CASES	364

COVID-19 Confirmed Hospitalizations (through MMWR WK 13)	
YEAR	# HOSPITALIZED
2020	29

Boston ED CLI*** Syndromic Surveillance	
This Week Overall %CLI (Week 12)	6.79%
Last Week Overall %CLI% (Week 11)	3.58%

Summary: As of 12:52pm on 3/26/2020, a total of 364 cases of laboratory-confirmed COVID-19 among Boston residents have been reported to the Boston Public Health Commission (BPHC). Of these, 29 required hospitalizations. Two residents have died. Thirty-four (9.3%) have recovered.

Of 362 cases with known gender, 52.8% of cases were male and 47.2% were female.

Thirty-seven cases (10%) were healthcare workers.

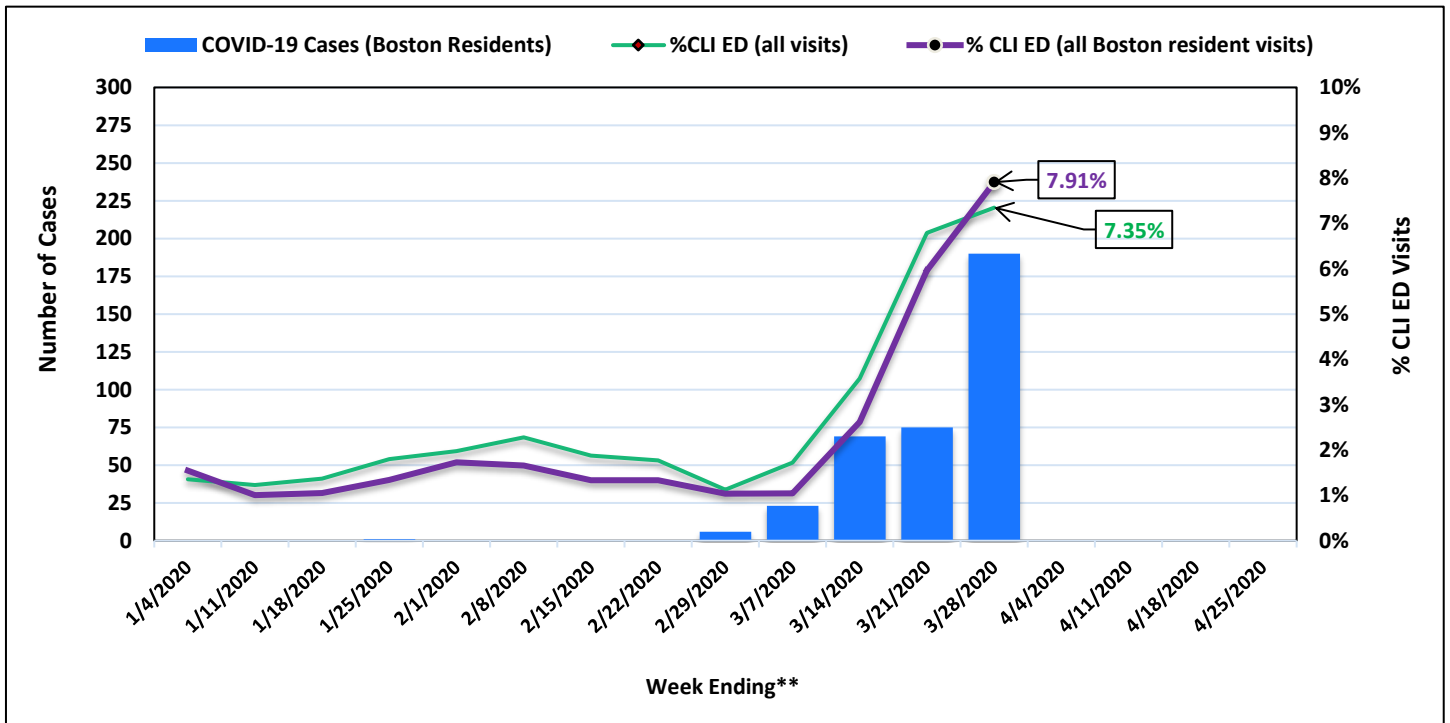
Emergency Department (ED) visits for COVID-19-like illness (CLI) comprised 6.79% of all ED visits for MMWR week 12, nearly double the previous week.

*For more info on MMWR week dates [Click Here](#)

**Data presented for week ending 3/28/20 includes COVID-19 cases in Boston residents through 12:52pm on 3/26/20, and ED visit data through 3/25/20.

***COVID-19-like illness (CLI) is defined as "Covid or (fever and (cough or respiratory distress))" in ED chief complaint data from Boston acute care hospitals, captured by BPHC Syndromic Surveillance System.

Figure 1. Reported COVID-19 Cases and % CLI Emergency Department Visits, by Week, 2020



Notes:
 -Dates associated with cases are "event dates." An event date is the earliest associated date corresponding to each disease event and is hierarchical based on available information. When available, symptom onset date serves as the earliest associated date. In the absence of an onset date, the test date is used. As additional information becomes available (i.e., reporting of symptom onset date), event dates may shift for reported cases. These numbers are rolling and subject to weekly variations based on case data availability.
 -%CLI ED (all visits) is a percentage of CLI visits among all ED including irrespective of residence. % CLI ED (all Boston resident visits) is a percentage of CLI visits by Boston residents among all ED visits by Boston residents.

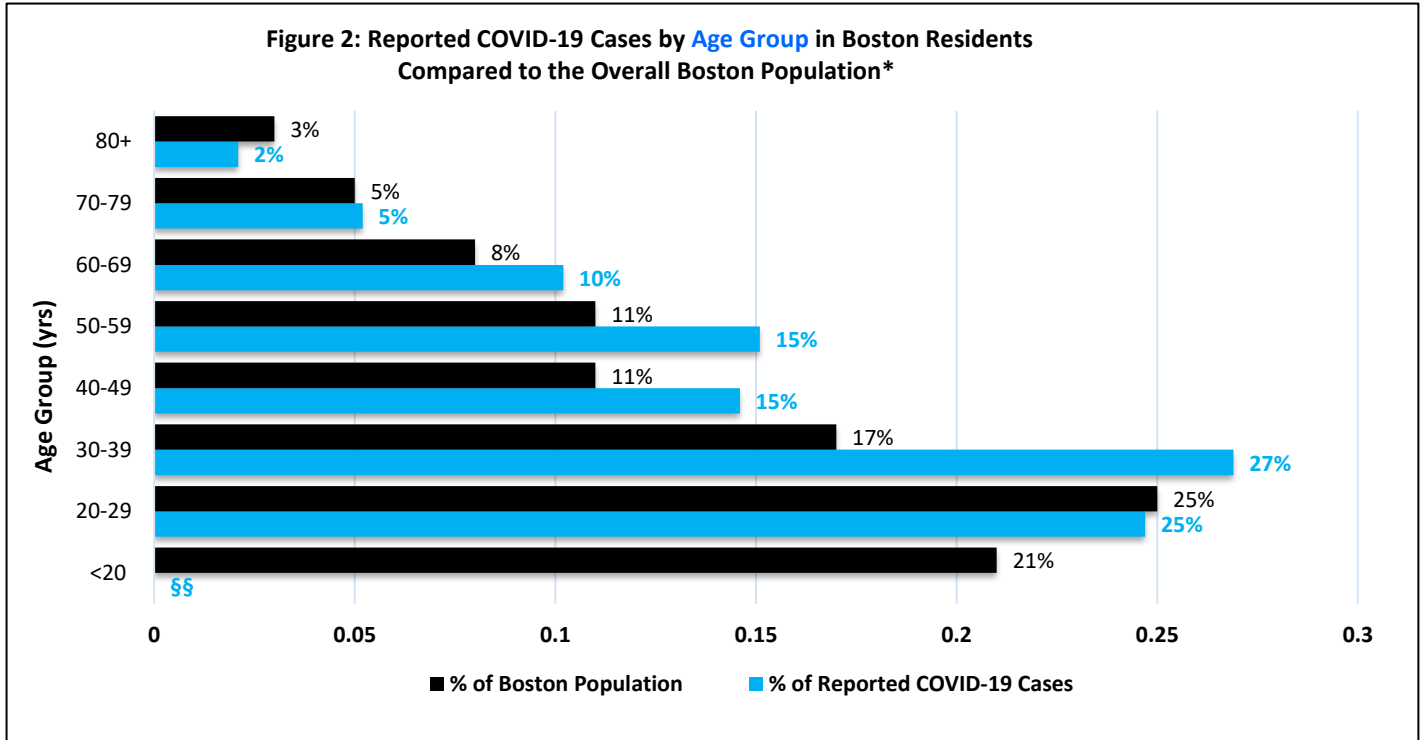


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*Population data source: US Census Bureau, American Community Survey, 2018, 5-yr estimates (2014-2018)

§§Values not shown due to insufficient data (n<5)

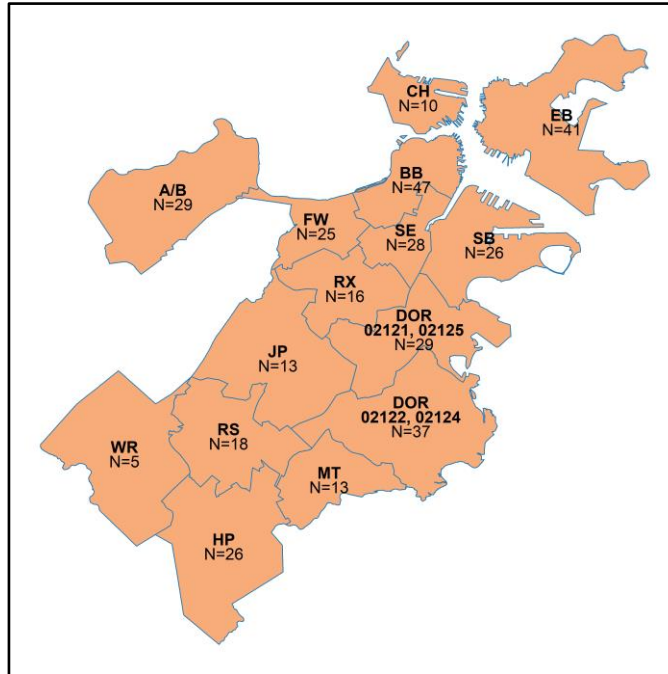
The age distribution of COVID-19 among Boston residents differs from the age distribution of the overall Boston population. The higher percentage of COVID-19 cases among most age groups is reflective of the low number of COVID-19 cases (n<5) among Boston residents under age 20 - an age group that represents over one in five Boston residents. The vast majority of cases were among Boston residents of working age (20-59).



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Figure 3. COVID-19 Cases Among Boston Residents by Neighborhood



Neighborhood ZIPS

Allston/Brighton (A/B) =02163, 02134, 02135
Back Bay, Beacon Hill, North End, West End, and Downtown (BB) =02108, 02114, 02116, 02199, 02109, 02110, 02103
Charlestown (CH)=02129
East Boston (EB)=02128
DOR=Dorchester
DOR (02121, 02125)=02121, 02125
DOR (02122, 02124)=02122, 02124
Fenway (FW)=02115, 02215
Hyde Park (HP)=02136
Jamaica Plain (JP)=02130
Mattapan (MT)=02126
Roslindale (RS)=02131
Roxbury (RX)=02119, 02120
South Boston (SB)=02127, 02210
South End (SE)=02111, 02118
West Roxbury (WR)=02132