



Samuel S. Wong, PhD
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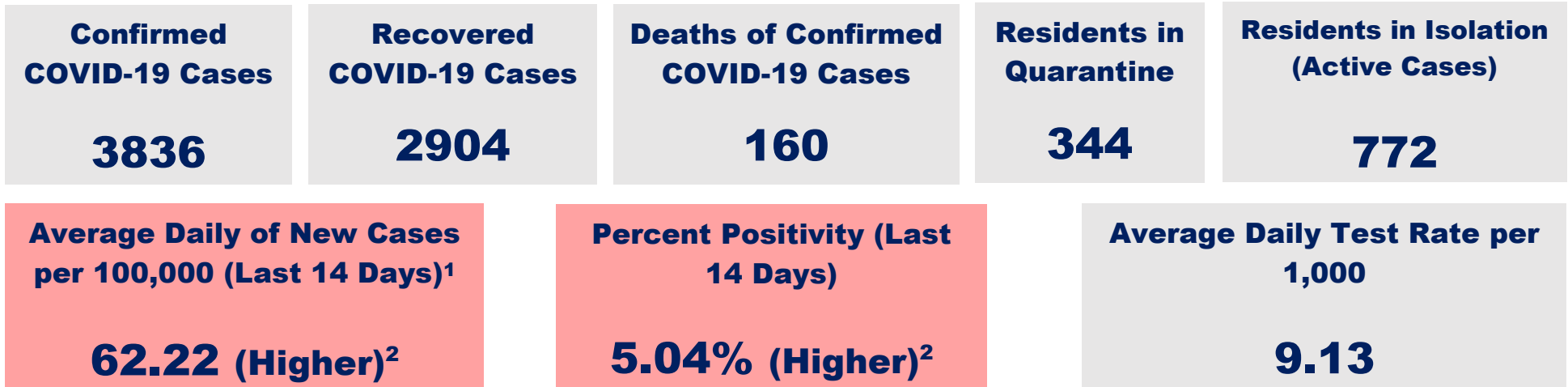
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Updated on Monday, December 7, 2020

The following data analysis provides more information about Framingham residents who have received positive COVID-19 test results. This report includes cases and deaths in Long Term Care Facilities, and more. Please note that negative test results are not reported. Access to testing continues to be a challenge for many residents across the Commonwealth. This data analysis is intended to help us better understand the situation at the current time, and guide efforts to mitigate further disease transmission. This analysis is not a predictor of future trends. It will be updated weekly as additional positive cases are reported.

OVERVIEW



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, Tables and Figures created by the Framingham Department of Public Health. Note: all data are cumulative and current as of 11:59pm on the date at the top of the page for the above statistics.

- Grey:** Less than or equal to 15 total cases in the last 14 days; **Green:** Average daily new confirmed case rate over the last 14 days: <10 cases per 100,000 population AND >15 total cases; **Yellow:** Average daily new confirmed case rate over the last 14 days: ≥ 10 cases per 100,000 population OR $\geq 4\%$ positivity rate; **Red:** Average daily new confirmed case rate over the last 14 days: ≥ 10 cases per 100,000 population AND $\geq 4\%$ positivity rate. Last 14 days = 11/24/2020 to 12/07/2020.
- Last 14 days = 11/15/2020 to 11/28/2020
- Change in percent positivity of all PCR tests conducted on Framingham residents compared to the previous week's (11/27/2020) report. This is based on total PCR molecular tests performed.
- Average number of tests per day taken by Framingham residents within the past 14 days, per 1,000 population. Past 14 days = 11/24/2020 to 12/07/2020. As a reference, the State's number is around 35.7.



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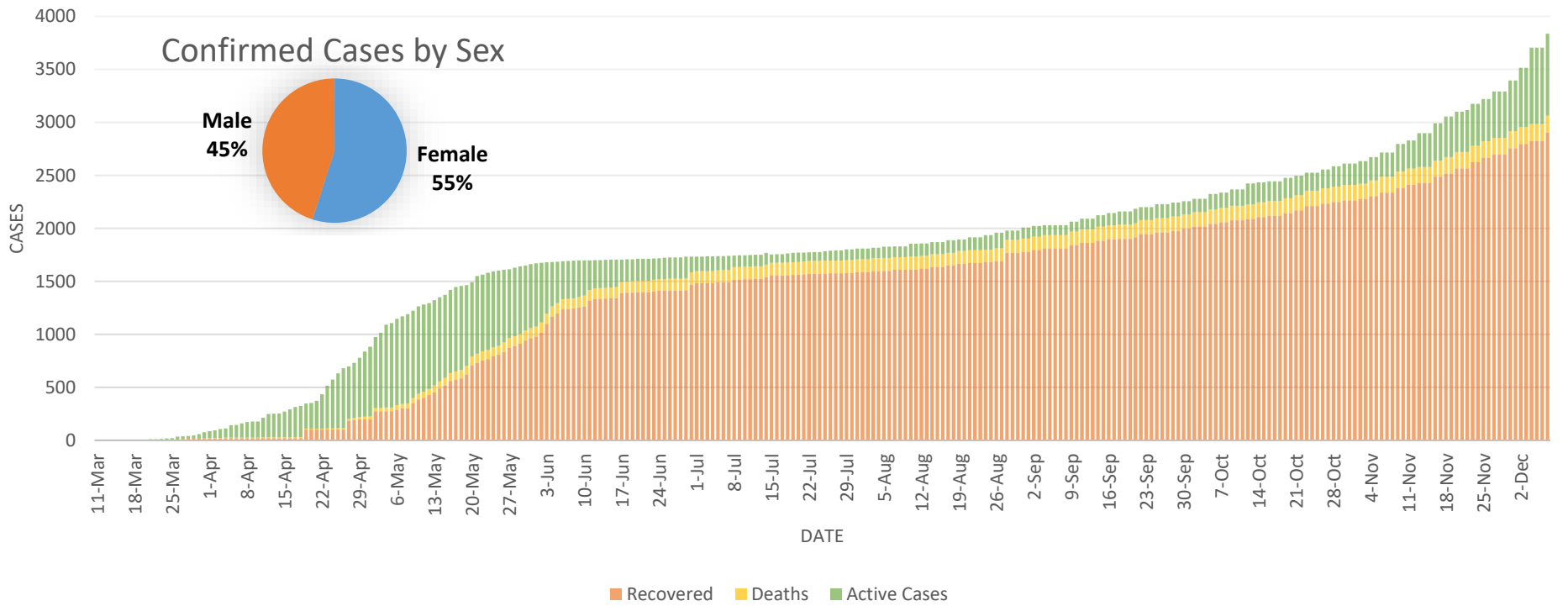
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Daily Confirmed, Active, Recovered Cases and Deaths

CONFIRMED COVID-19 CASES OVER TIME



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

Note: all data are cumulative and current as of 11:59pm on the date at the top of the page for all statistics.



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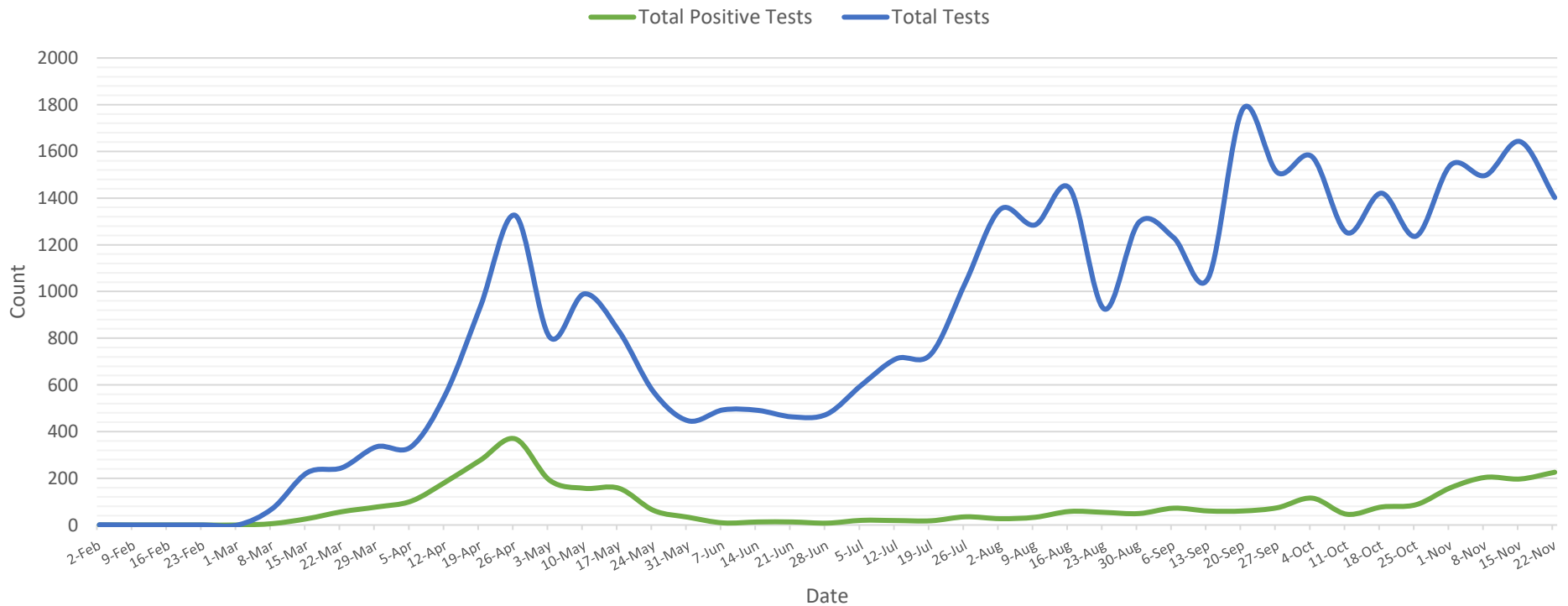
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Count of Residents Tested¹

January 1, 2020 to November 28, 2020

COVID-19 TESTS OVER TIME



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

¹Please note these numbers and rates reflect the number of persons tested, not the total tests performed, as of November 18, 2020. One person may have multiple tests.

These numbers are based on information available in the DPH surveillance database at a single point in time. Case counts change throughout the day as data cleaning occurs (removal of duplicate reports within the system) and new demographic information is obtained.



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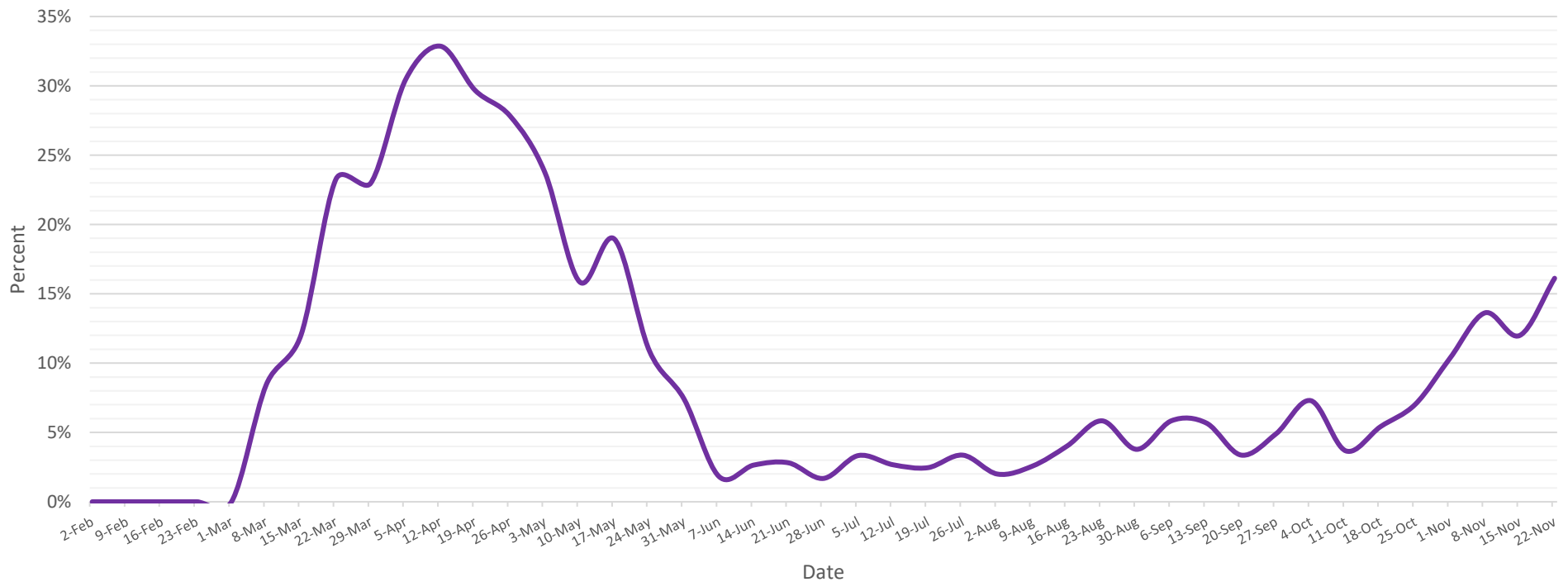
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Percent of Positive Results Among Residents who were Tested¹

January 1, 2020 to November 28, 2020

PERCENT POSITIVE COVID-19 TESTS OVER TIME



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

¹Please note the percentage reflect the number of persons tested, not the total tests performed, as of November 18, 2020. One person may have multiple tests.

These numbers are based on information available in the DPH surveillance database at a single point in time. Case counts change throughout the day as data cleaning occurs (removal of duplicate reports within the system) and new demographic information is obtained.



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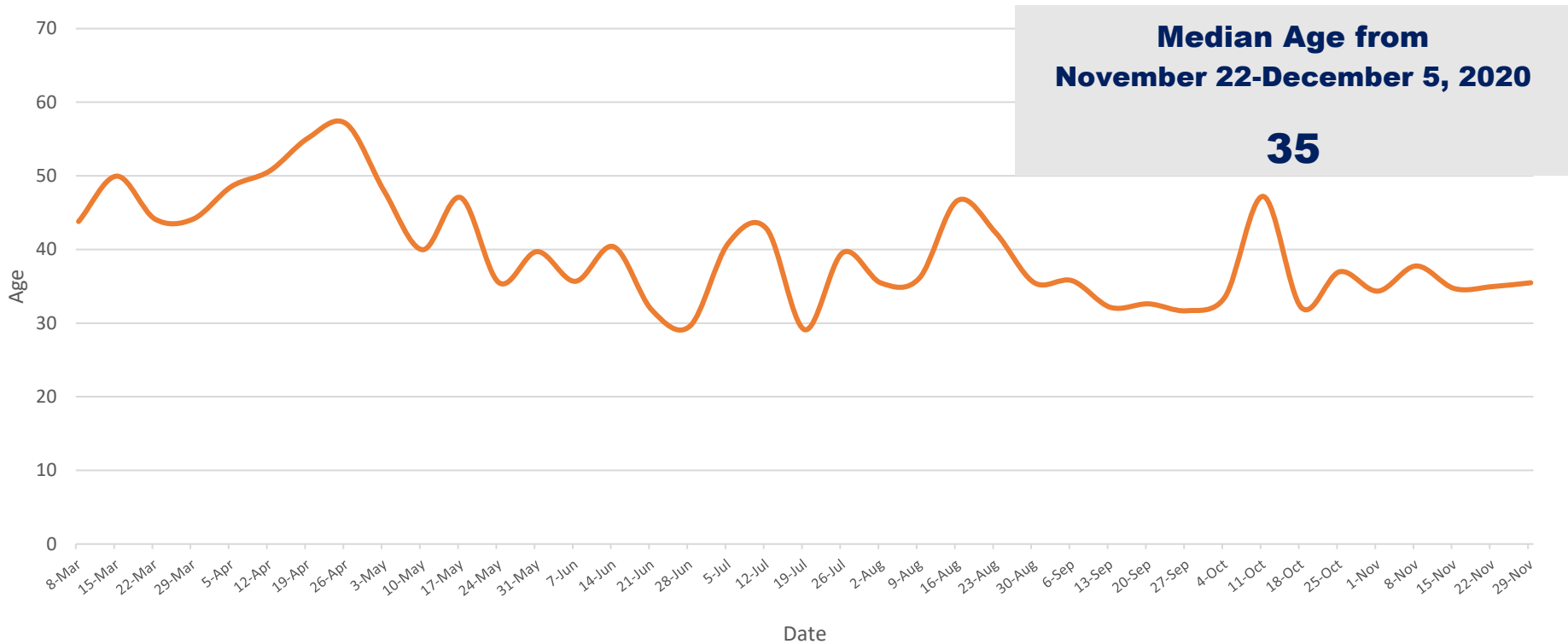
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Weekly Median Age of Confirmed COVID-19 Cases

MEDIAN AGE OVER TIME



Calculated as median age of new confirmed positive cases of residents of Framingham as reported by the MA Department of Public Health.
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health



Updated on Monday, December 7, 2020

COVID-19 Cases in Community Setting*

**Confirmed Cases of
COVID-19 Reported in the
Community Setting**

3333

**COVID-19 Deaths
Reported in the
Community Setting**

39

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20. *Community Setting does not include Long Term Care (Nursing Homes and Assisting Living Residences) and Correctional Facilities.



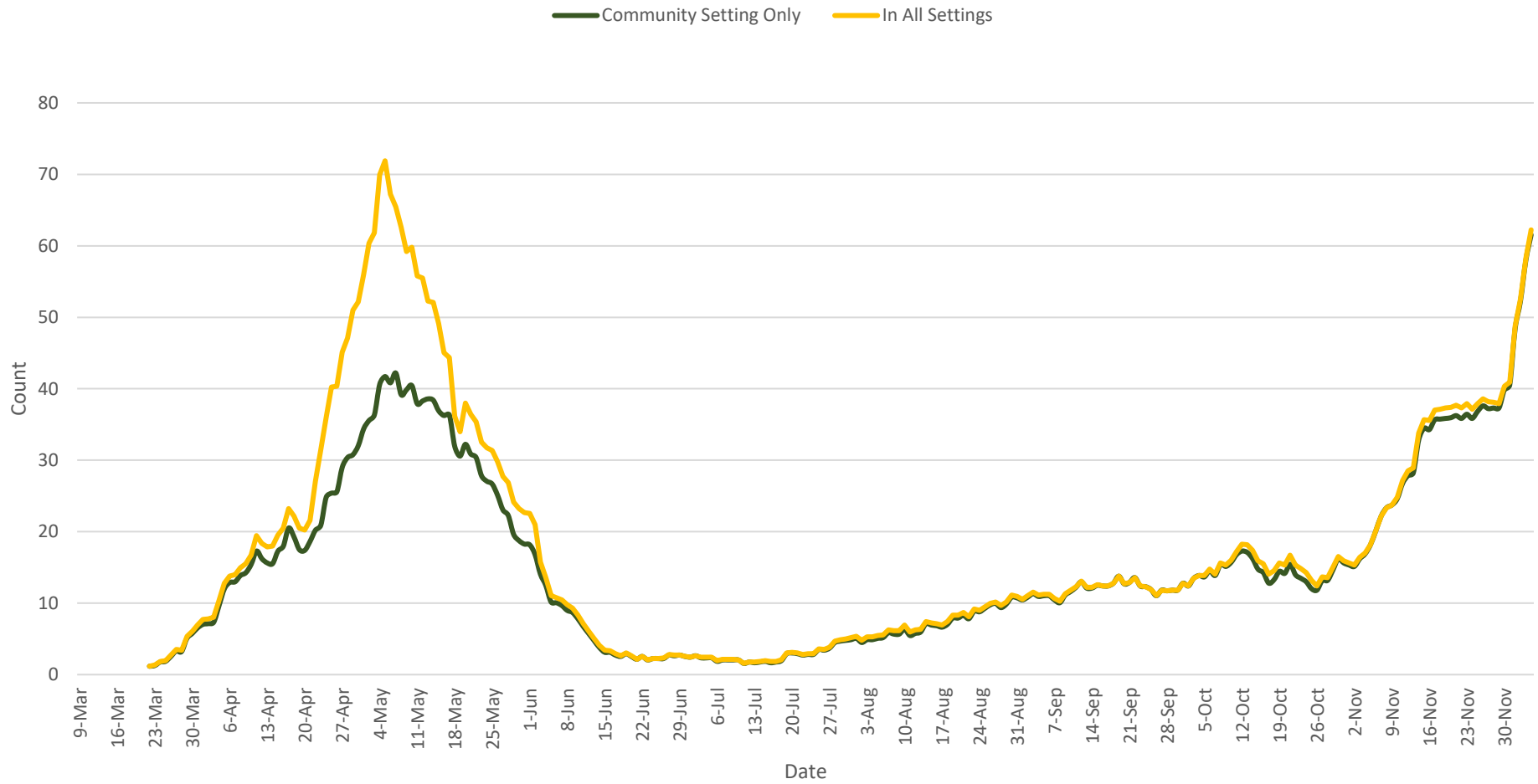
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14-Day Average of Positive New Cases per 100,000 Population



Calculated as 14-day averages of new confirmed positive cases per 100,000 population of residents of Framingham as reported by the MA Department of Public Health. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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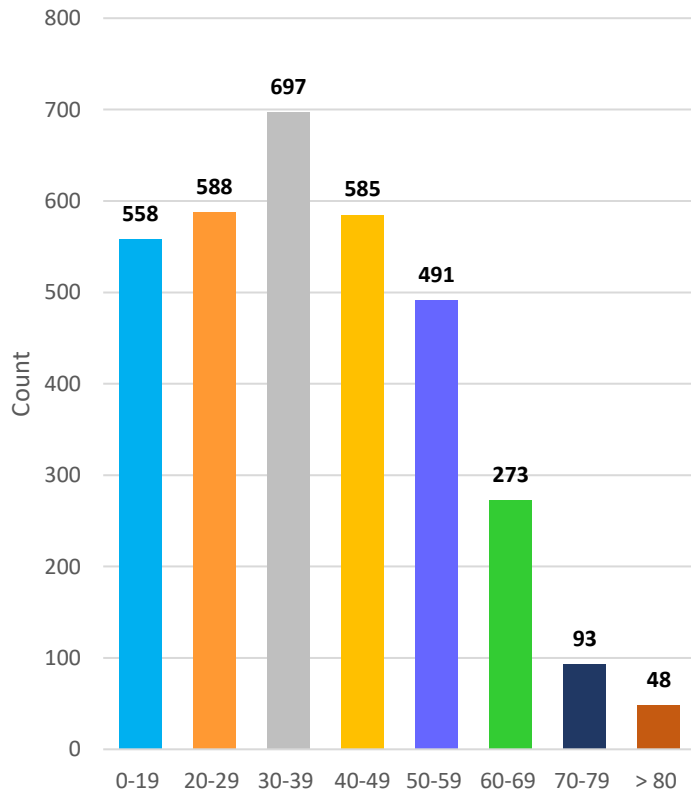
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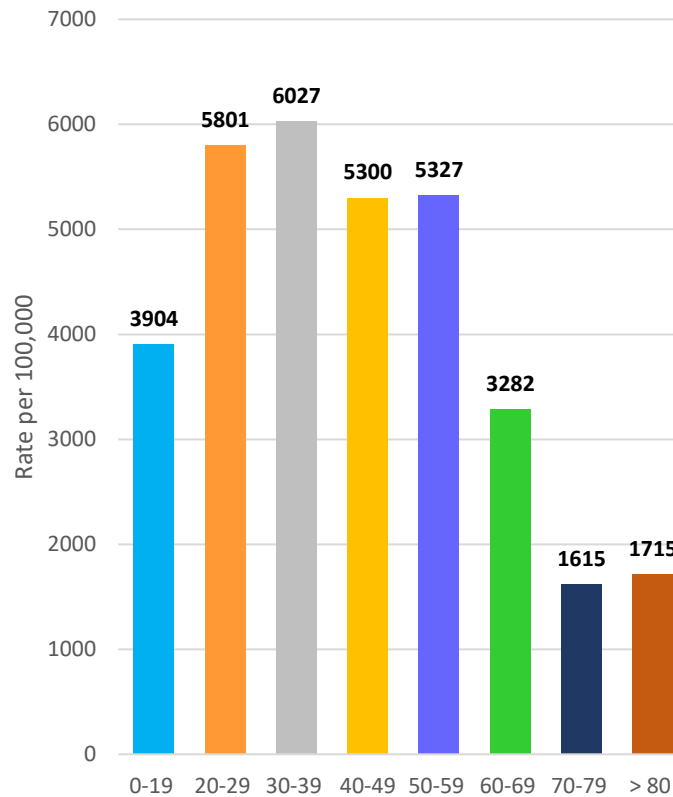
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Cases and Case Rate by Age Group in Community Setting

Confirmed COVID-19 Cases by Age Group



Rate (per 100,000) of COVID-19 Cases by Age Group



**Median Age
of Confirmed
COVID-19
Cases
37**

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, U.S. Census Bureau: Age Population Estimates 2010-2018, version 2018; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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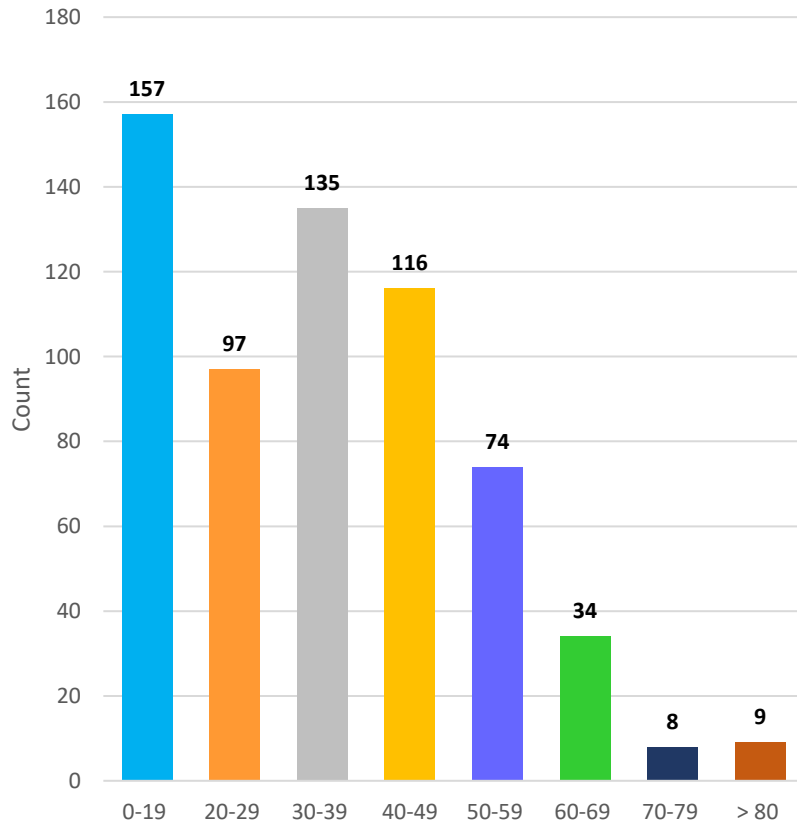
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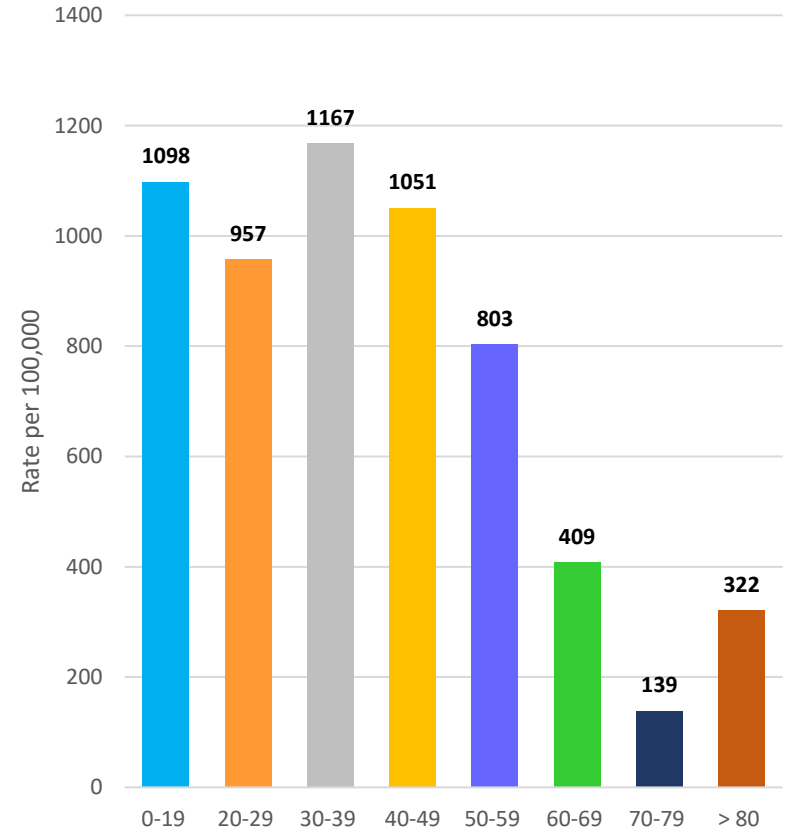
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Cases by Age Group Last 14-Days in Community Setting

Confirmed COVID-19 Cases by Age Group Last 14-Days



Rate (per 100,000) of COVID-19 Cases by Age Group Last 14-Days



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, U.S. Census Bureau: Age Population Estimates 2010-2018, version 2018; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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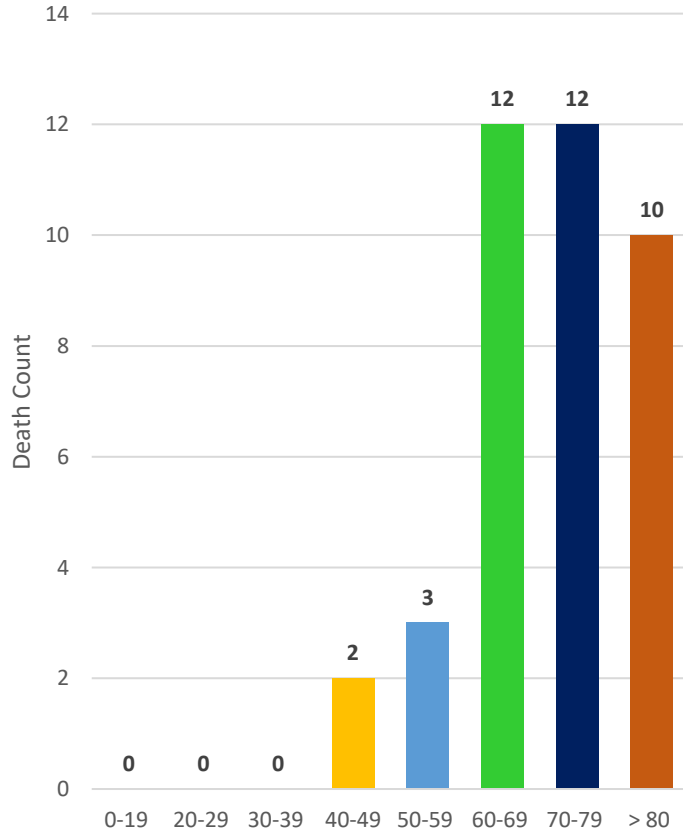
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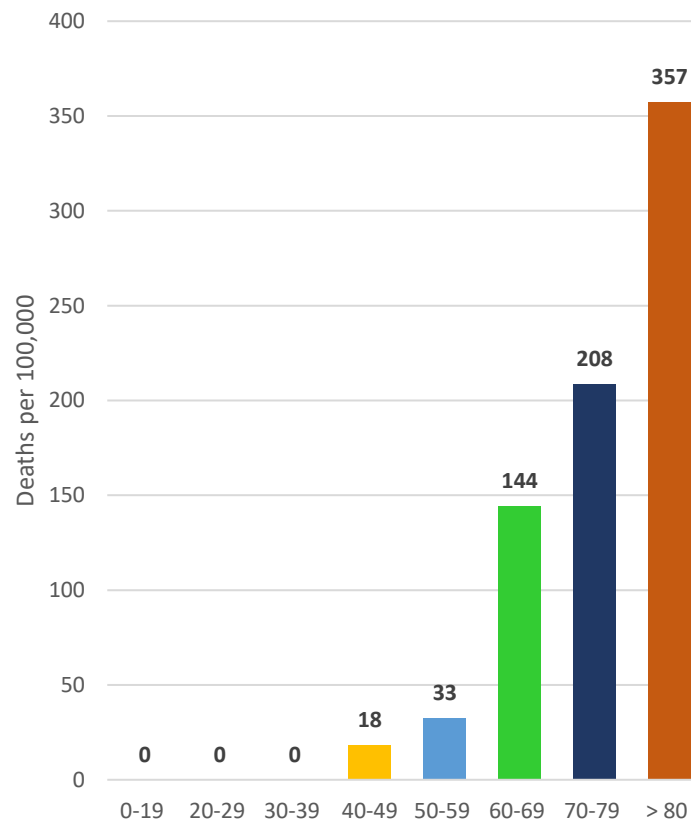
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Deaths and Death Rate by Age Group in Community Setting

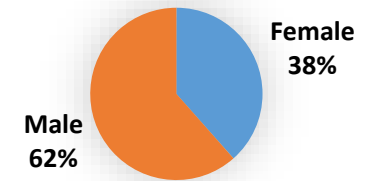
Deaths by Age Group in Confirmed COVID-19 Cases



Death Rate (per 100,000) of COVID-19 Cases by Age Group



Deaths by Sex



Median Age of Deaths in confirmed COVID-19 Cases
71

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and U.S. Census Bureau: Age Population Estimates 2010-2018, version 2018; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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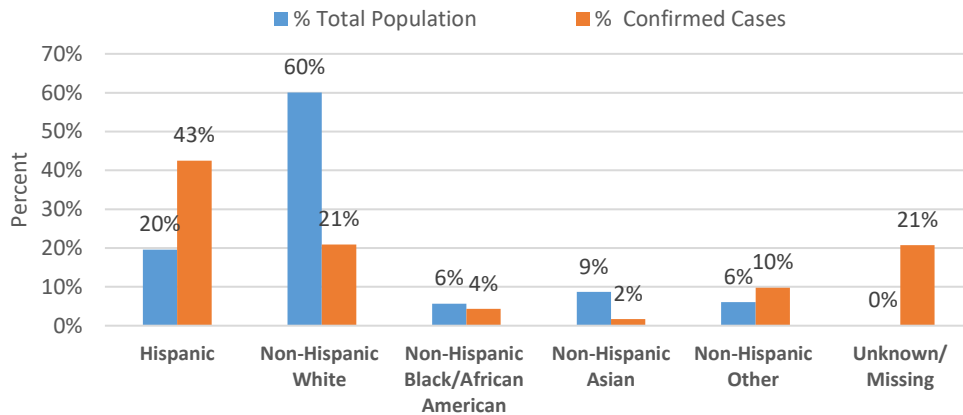
Percentage of Cases and Case Rate by Race/Ethnicity in Community Setting

The following caveats apply to these data:

1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case.
2. If no information is provided by any reporter on a case's race or ethnicity, MDPH classifies it as missing.
3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information.
4. Other indicates multiple races or that the originating system does not capture the information.

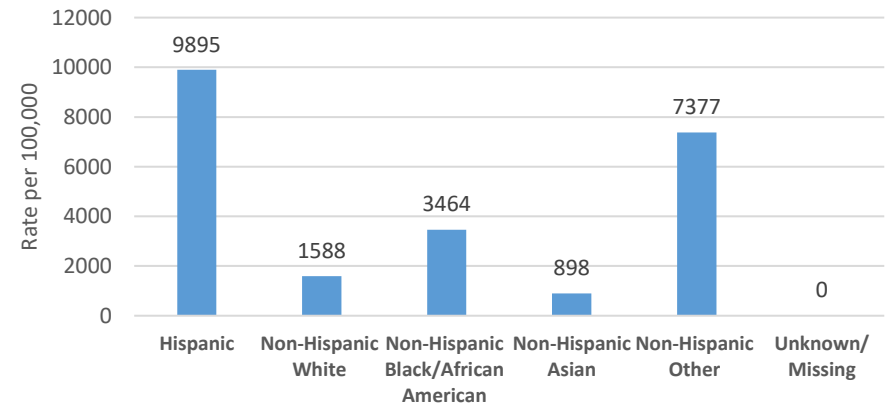
Note: COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Massachusetts Department of Public Health is working with these organizations and to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling so the Commonwealth can respond more effectively. On 4/8, the Commissioner of Public Health issued an Order related to collecting complete demographic information for all confirmed and suspected COVID-19 patients

Percentage of Total Population and Percent of Cases by Race/Ethnicity



- Non-Hispanic White represent 60% of the City of Framingham population and less than half of that proportion of cases at 22% of COVID-19 cases
- Hispanics represent 20% of the City of Framingham population but more than twice that proportion of cases at 42% of COVID-19 cases
- Disparity between Whites and non-white populations would be even higher except many residents of Brazilian descent describe themselves as white.

Rate (per 100,000) of COVID-19 Cases by Race/Ethnicity



- The highest rates of positive cases are among Hispanics, Non-Hispanics Black/African American, Non-Hispanics Other and Hispanics which are more than 3x higher than the rate for White non-Hispanic
- Disparity between Whites and non-white populations would be even higher except many residents of Brazilian descent describe themselves as white.

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; and U.S. Census Bureau: Race and Hispanic Origin Population Estimates 2010-2018, version 2018; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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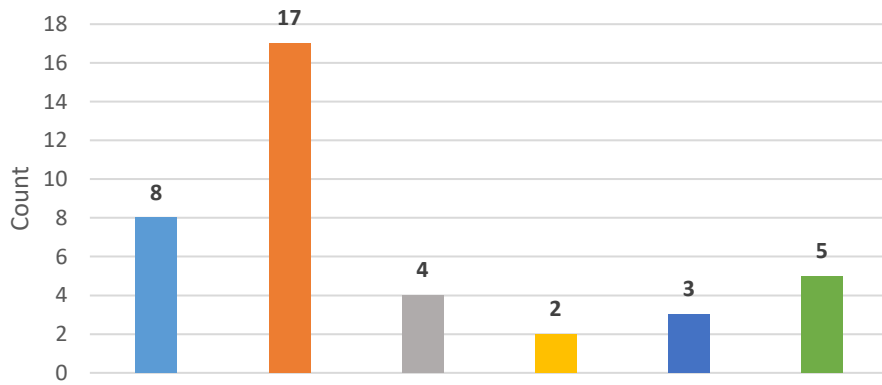
Deaths and Death Rate by Race/Ethnicity in Community Setting

The following caveats apply to these data:

1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case.
2. If no information is provided by any reporter on a case's race or ethnicity, MDPH classifies it as missing.
3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information.
4. Other indicates multiple races or that the originating system does not capture the information.

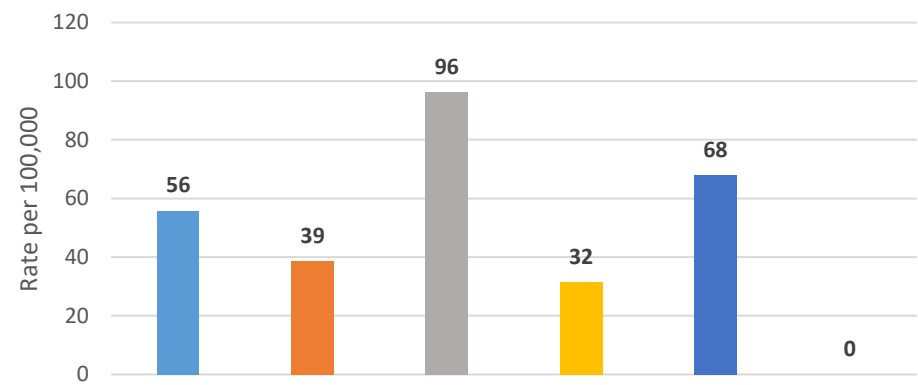
Note: COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Massachusetts Department of Public Health is working with these organizations and to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling so the Commonwealth can respond more effectively. On 4/8, the Commissioner of Public Health issued an Order related to collecting complete demographic information for all confirmed and suspected COVID-19 patients

Deaths by Race/Ethnicity in Confirmed COVID-19 Cases



- Count of Non-Hispanic White population is significantly higher than the other populations
- Disparity between Whites and non-White populations would be even higher since many residents of Brazilian descent describe themselves as white. See Page 14 on Primary Language.

Death Rate (per 100,000) of COVID-19 Cases by Race/Ethnicity



- The highest death rates of positive cases are among Hispanic, non-Hispanic Black/African and Non-Hispanics Other which are more than 2x higher than death the rate for Non-Hispanic White and Non-Hispanic Asian
- Disparity between Whites and non-White populations would be even higher since many

■ Hispanic ■ Non-Hispanic White ■ Non-Hispanic Black/African American ■ Non-Hispanic Asian ■ Non-Hispanic Other ■ Unknown/Missing

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.



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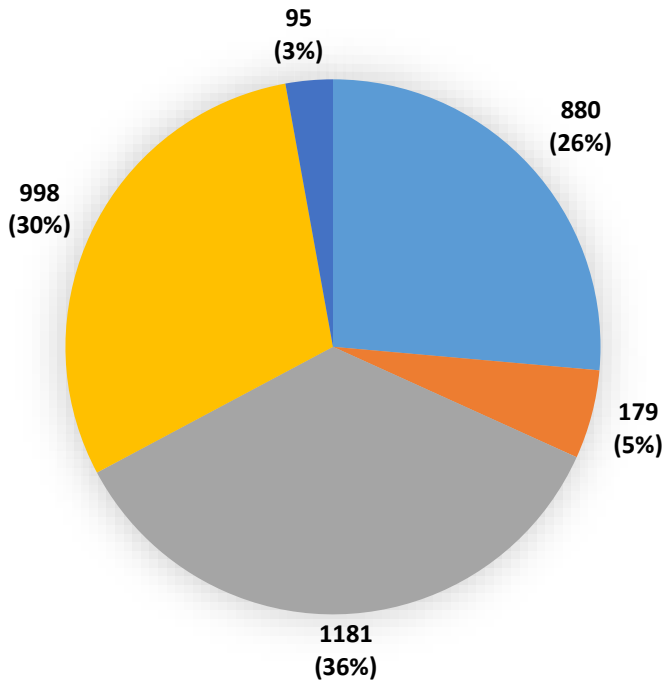
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Cases by Primary Language in Community Setting

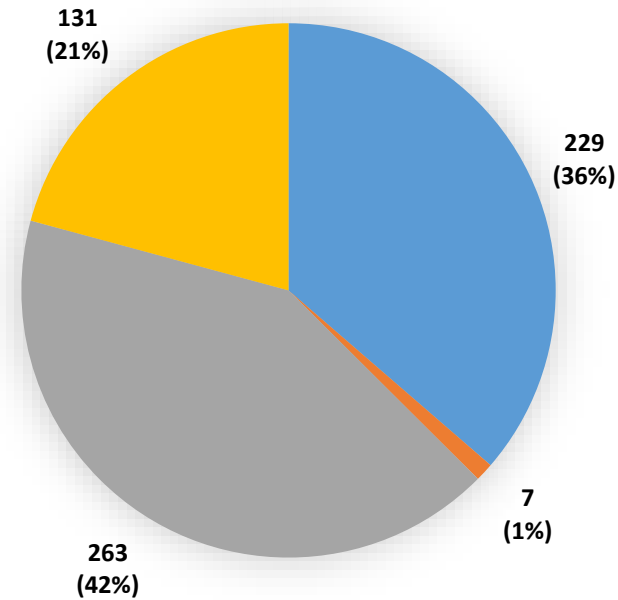
The following caveats apply to this data:

1. Information on primary language is identified by self-reported data point including: primary language, country of origin, and ethnicity
2. A classification of "Unknown" indicates the reporter has not been able to contact the individual or that the originating system does not capture the information.
3. "Other" indicates multiple primary languages not including English, Portuguese and Spanish.

Cases by Primary Language



Cases by Primary Language Last 14-Days



English Other Portuguese Spanish Unknown

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

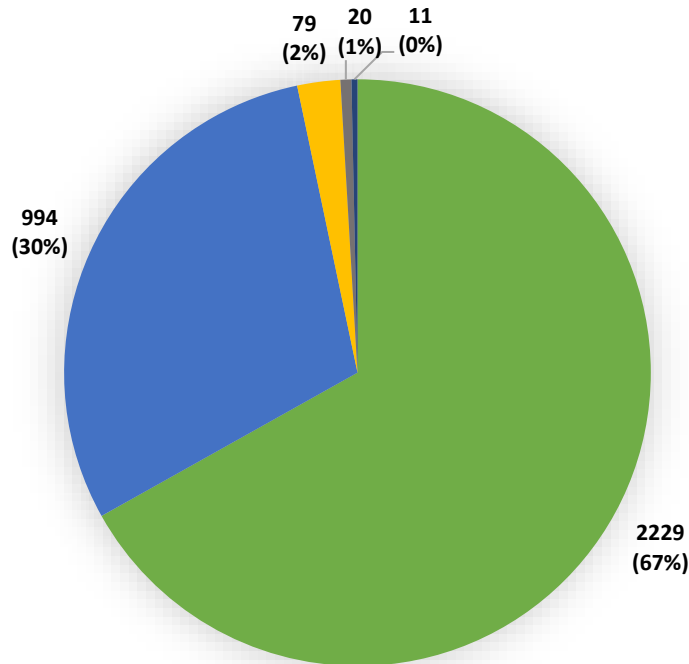
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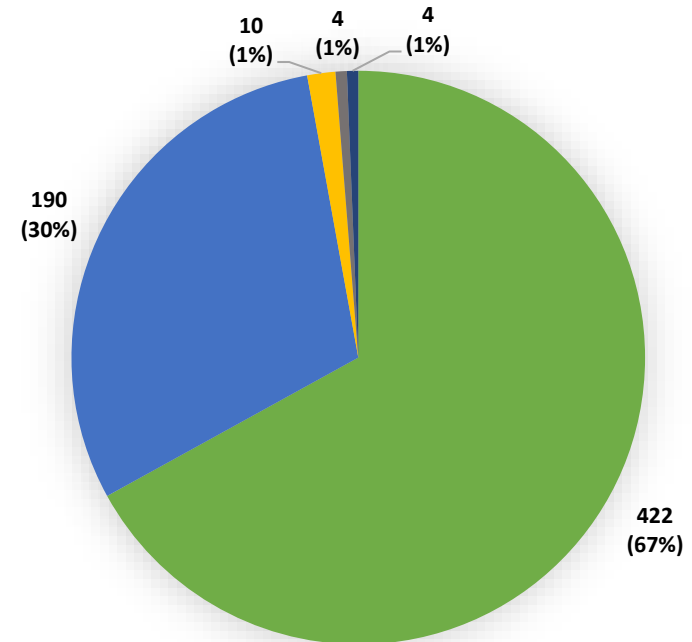
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Community Setting with Known COVID Cases

Cases by Residential Setting



Cases by Residential Setting Last 14-Days



■ Multi-unit ■ Single Family ■ Congregate Homes ■ FSU ■ Unknown*

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: Note: all data are cumulative and current as of 11:59pm on 12/05/20.. Congregate Homes include rooming homes, group homes and shelters with at least 1 reported COVID-19 case to date. FSU means Framingham State University * Address information for these cases are currently being obtained.



Updated on Monday, December 7, 2020

COVID-19 Cases in Long-Term Care (LTC) Facilities*

**Confirmed Cases of
COVID-19 Reported in
Long-Term Care Facilities**

412

**COVID-19 Deaths Reported
in Long-Term Care
Facilities**

121

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: Note: all data are cumulative and current as of 11:59pm on 12/05/20. *Long-term Care Facilities include Nursing Homes and Assisting Living Residences



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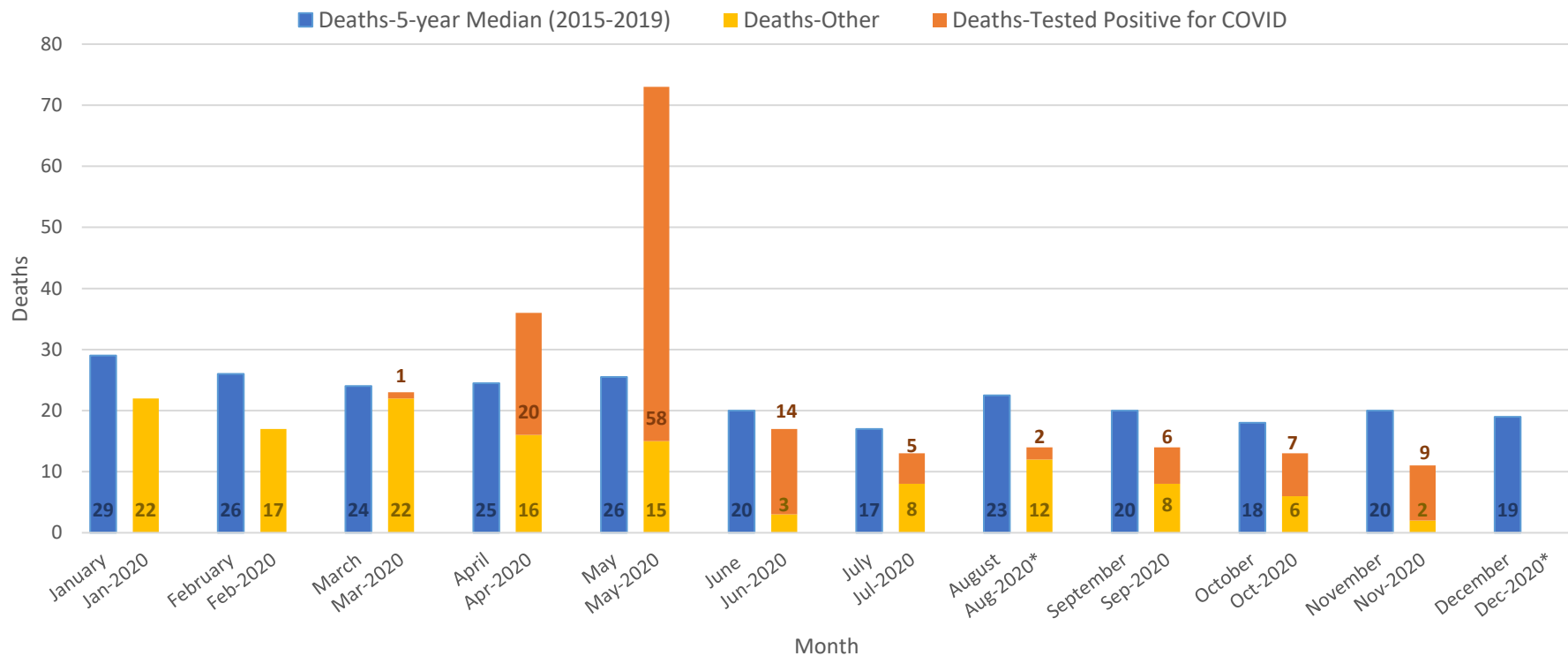
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Deaths in LTC Facilities from 2015-2020

LTC Facilities Deaths



[Click here for more information about Long Term Care Facilities on number of cases, deaths, testing information and state audits](#)

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Deaths in LTC Data provided by the City of Framingham Clerk’s Office; Tables and Figures created by the Framingham Department of Public Health

*Count is as of December 6, 2020



Updated on Monday, December 7, 2020

Assisted Living Residences with Known COVID Cases

Facility	Maximum Capacity	Number of Confirmed Cases ¹
Branches of Framingham	104	1-10
Brookdale Cushing Park	116	11-30
Carmel Terrace	76	1-10
Heritage House	102	11-30

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Massachusetts Department of Public Health COVID-19 Dashboard; Tables and Figures created by the Framingham Department of Public Health.

Note: 1. Includes residents only. This list includes Assisted Living Residences with at least 1 reported COVID-19 case to date (residents only). The number of cases for a facility relies on the amount of testing conducted. Some facilities have tested some or all residents only; some have also tested staff. A low number of cases may reflect that not all residents and staff have been tested, not necessarily low prevalence.



Updated on Monday, December 7, 2020

COVID-19 Cases in Correctional Facilities

**Confirmed Cases* of
COVID-19 Reported in
Correctional Facilities**

67

**COVID-19 Deaths
Reported in
Correctional Facilities**

0

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health. *Inmates only.

Note: all data are cumulative and current as of 11:59pm on 12/05/20.