

COVID-19 WATCH

Weekly Coronavirus Disease 2019 (COVID-19) Surveillance Report



Tuesday, May 12, 2020

Data through week ending 5/9/2020

Summary of Confirmed COVID-19 Cases, San Diego County Residents

Cases

4,926

Median Age

46

Range 0-102

Deaths

175

Median Age

78

Range 23-101

Outbreaks

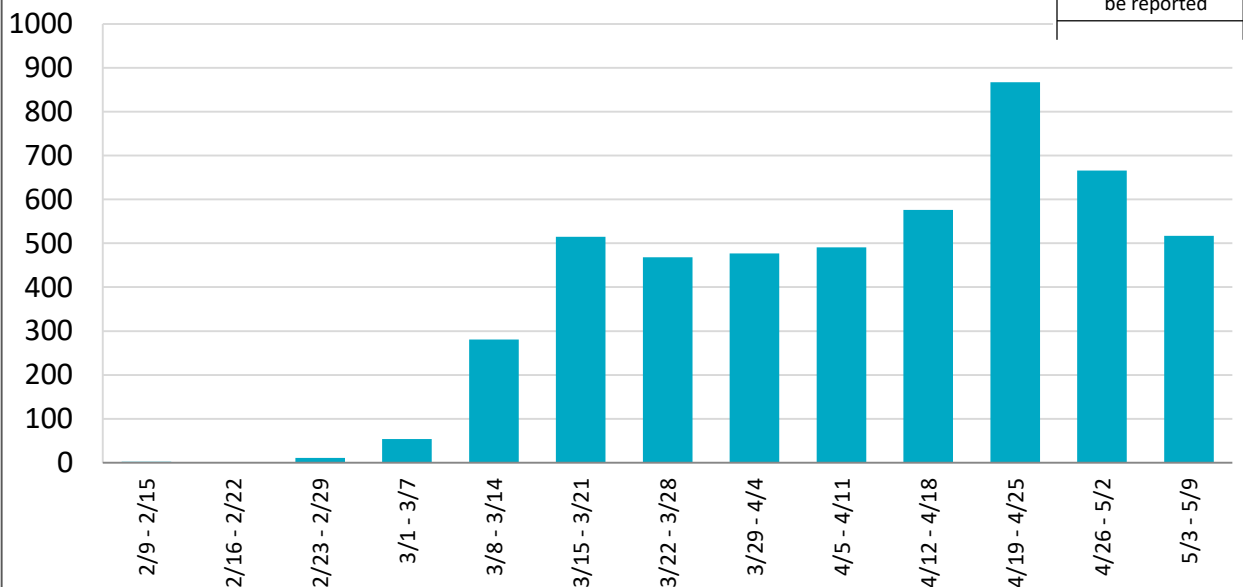
63

Percentage in
Congregate
Settings

65%

COVID-19 Cases by Onset* Week

Figure 1. COVID-19 Cases by Week of Illness Onset*
San Diego County Residents, N=4,926



*When onset date is unavailable, specimen collection date, date of death, or date reported is used instead.

Epidemiology and Immunization Services Branch

www.sdepi.org

(619) 692-8499



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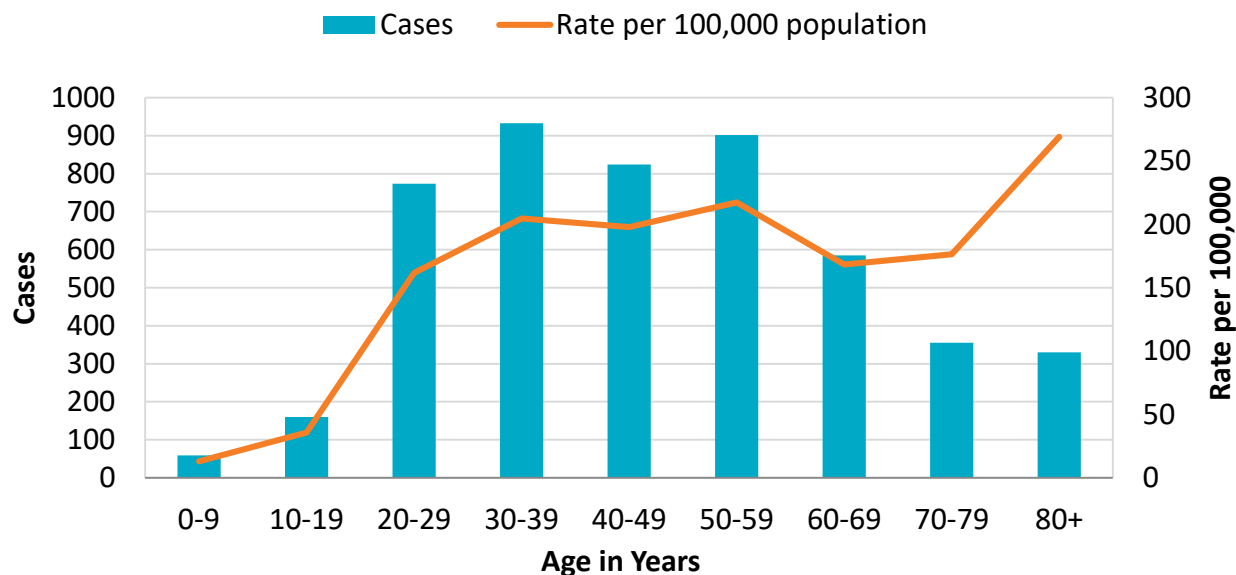
Summary of San Diego County COVID-19 Cases and Deaths

Confirmed cases	4,926	Deaths	175
Hospitalizations	955 (19%)	Underlying Conditions	167 (95%)
Illness onset date range*	2/14/2020-5/9/2020	Death date range	3/21/2020-5/7/2020
Median age	46 years	Median age	78 years
Age range	0-102 years	Age range	23-101 years
Male	2,496 (51%)	Male	99 (57%)
Female	2,422 (49%)	Female	76 (43%)
Healthcare workers	631 (13%)		

*When onset date is unavailable, specimen collection date, date of death, or date reported is used instead.

Demographic Summary of COVID-19 Cases

Figure 2. COVID-19 Cases by Age Group
San Diego County Residents, N=4,926



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Demographic Summary of COVID-19 Cases (Continued)

Figure 3. COVID-19 Cases by Sex and Age Group
San Diego County Residents, N=4,926

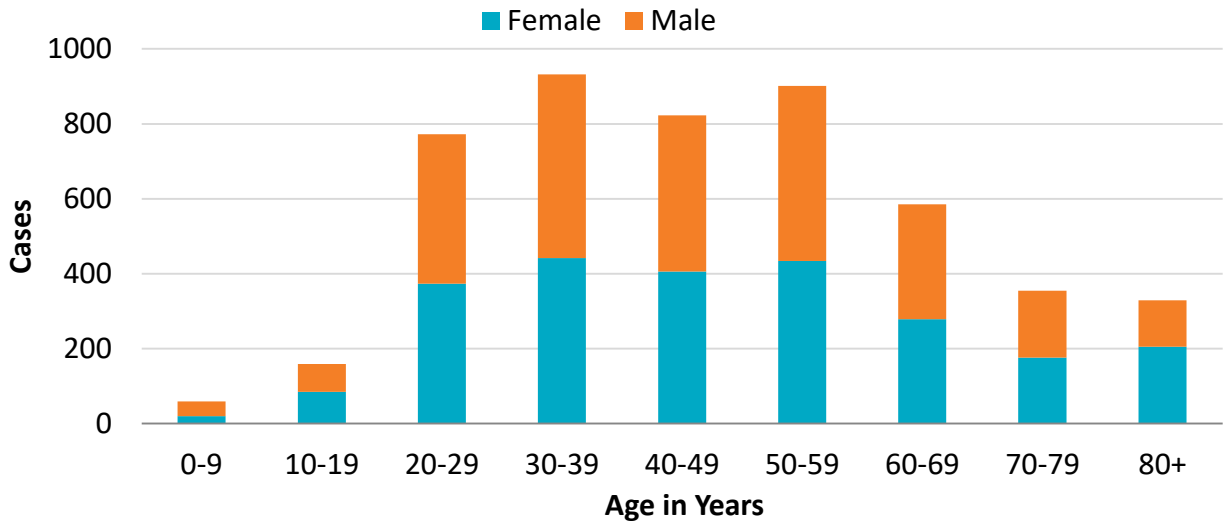
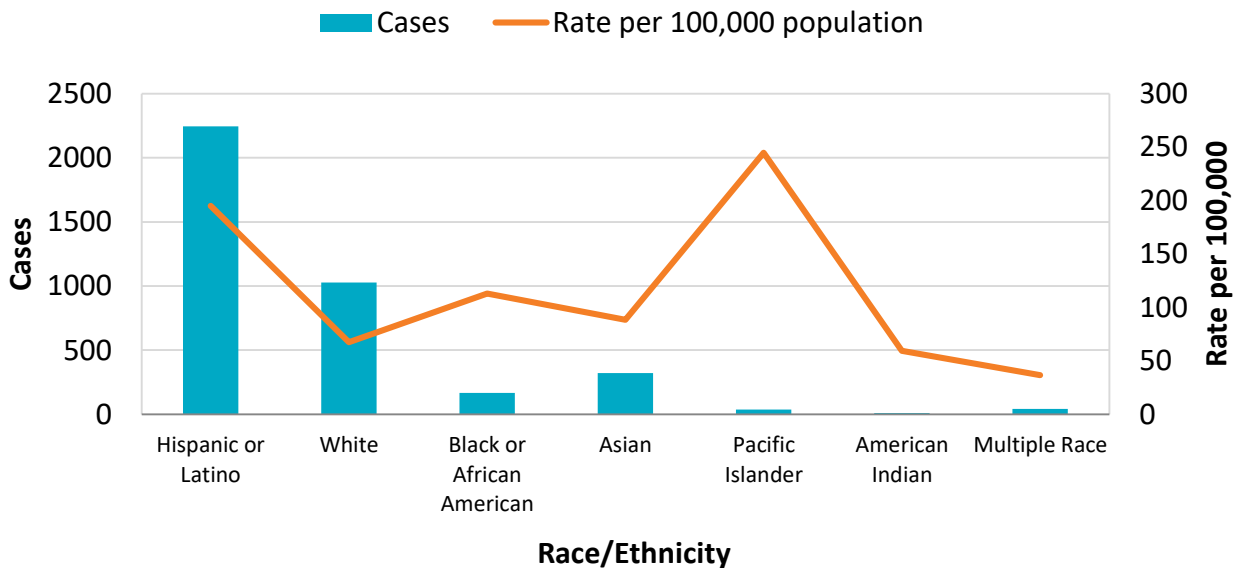


Figure 4. COVID-19 Cases by Race/Ethnicity
San Diego County Residents, N=3,847*



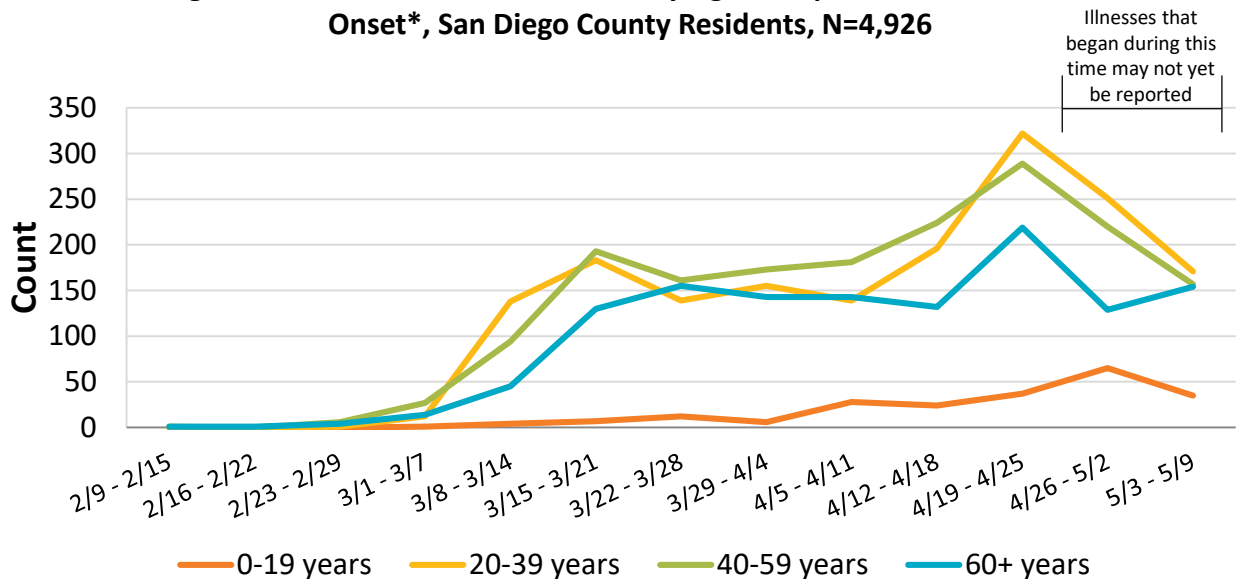
*Race and ethnicity is unknown for 1,079 cases.

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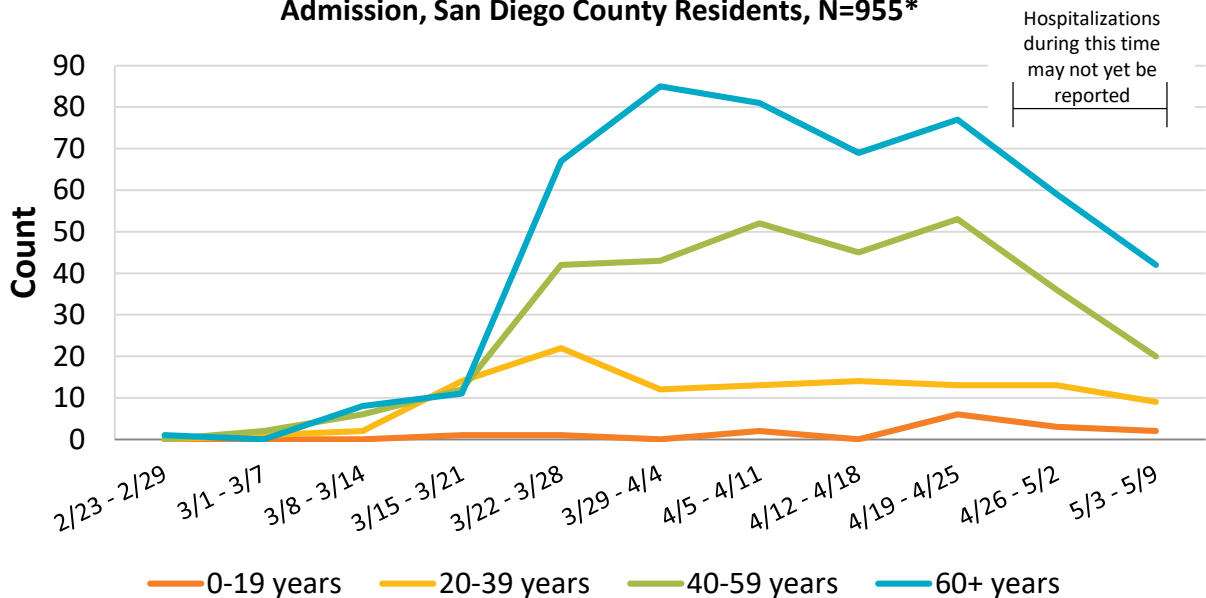
COVID-19 Cases and Hospitalizations by Age and Week

Figure 5. COVID-19 Confirmed Cases by Age Group and Week of Illness Onset*, San Diego County Residents, N=4,926



*When onset date is unavailable, specimen collection date, date of death, or date reported is used instead.

Figure 6. COVID-19 Hospitalizations by Age Group and Week of Hospital Admission, San Diego County Residents, N=955*



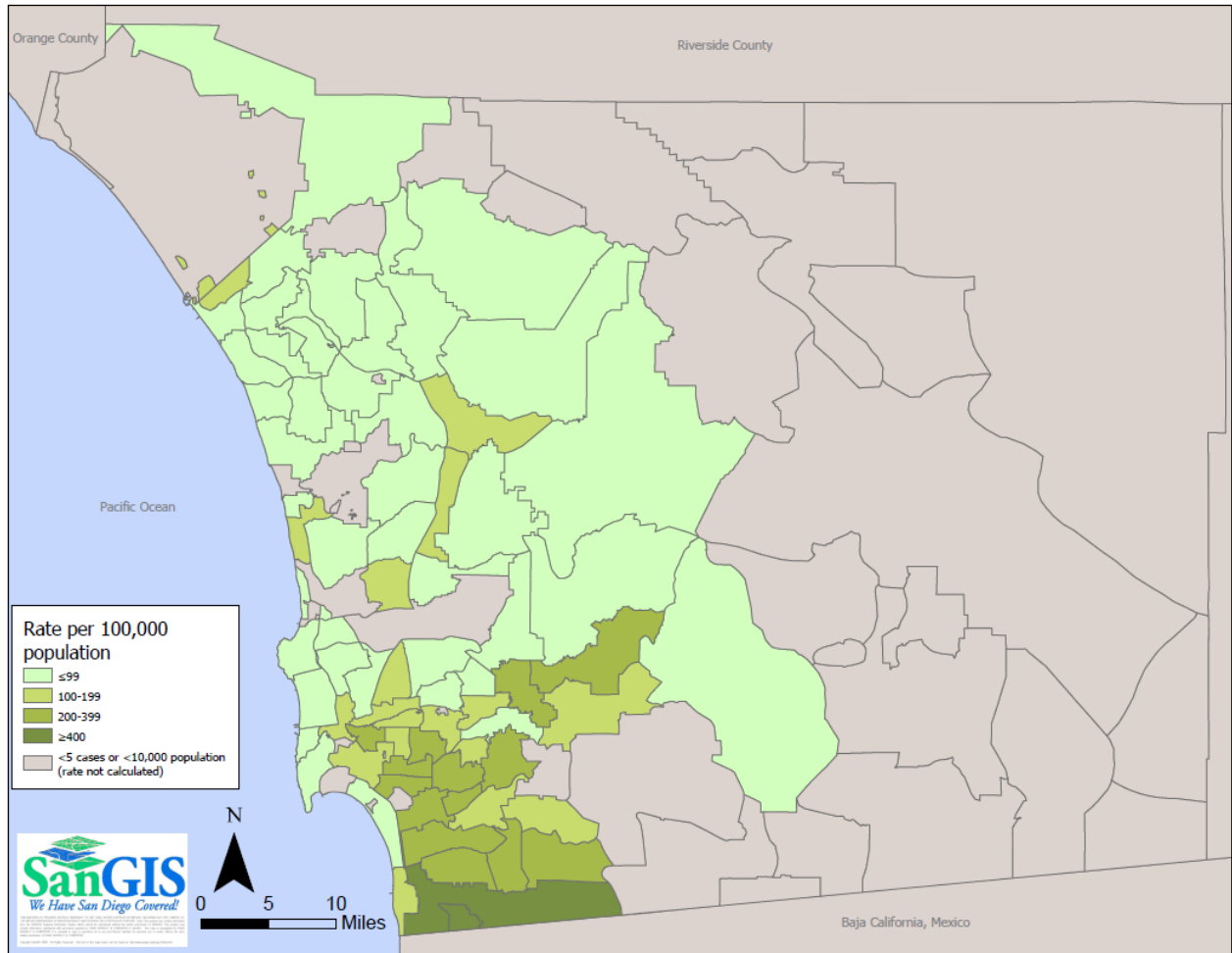
*Admit date and age are unknown for some hospitalizations.

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COVID-19 Cases by Geography

Figure 7. COVID-19 Rates by Zip Code of Residence, San Diego County



Rates calculated using 2018 population estimates from the San Diego Association of Governments. Rates not calculated for counts under 5 cases or populations less than 10,000. Zip code is zip code of residence, which may not be location of exposure.

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Summary of COVID-19-associated Deaths

Figure 8. COVID-19 Deaths by Week of Death
San Diego County Residents, N=175

Deaths that occurred during this time may not yet be registered

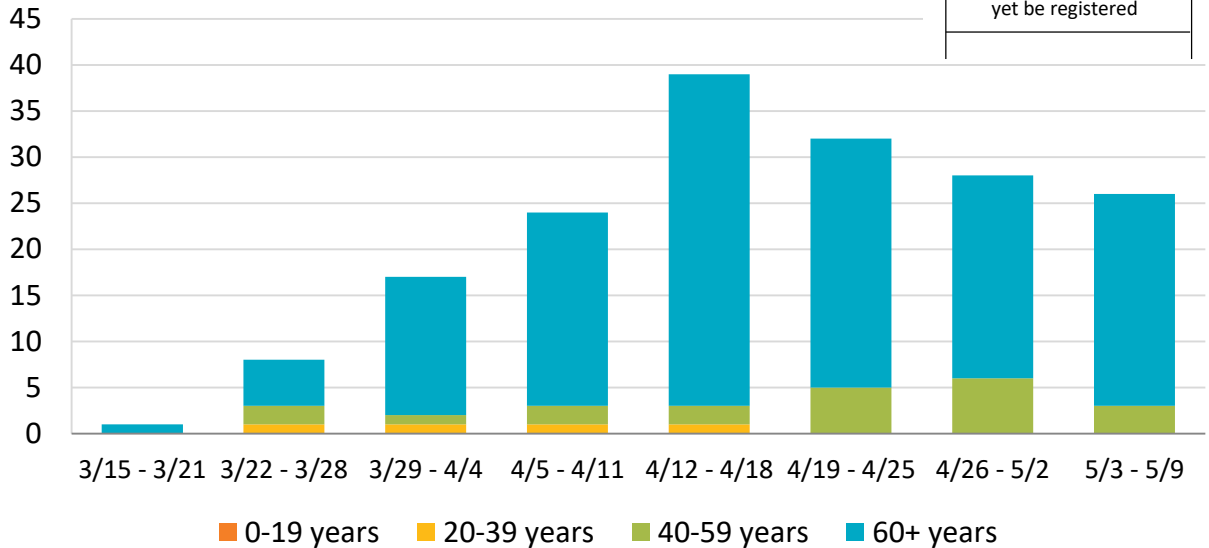
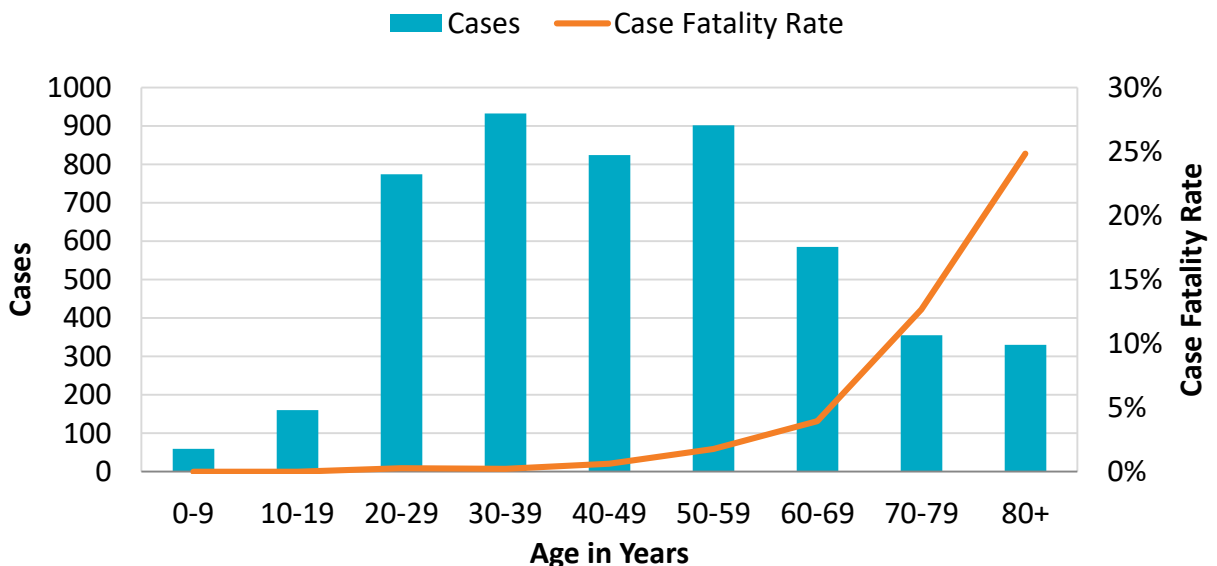


Figure 9. COVID-19 Cases and Case Fatality Rate
San Diego County Residents

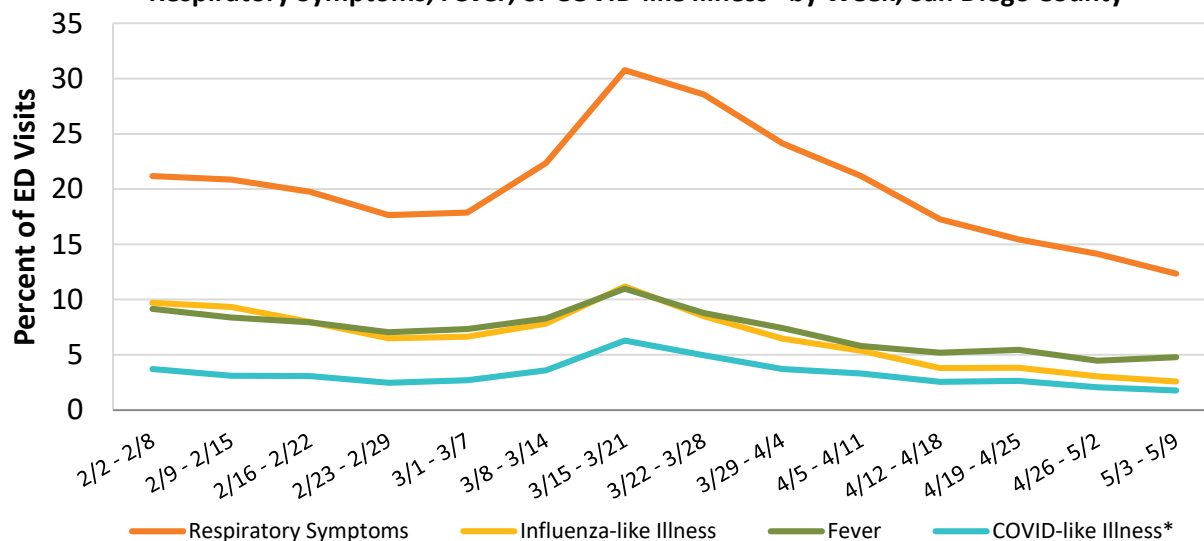


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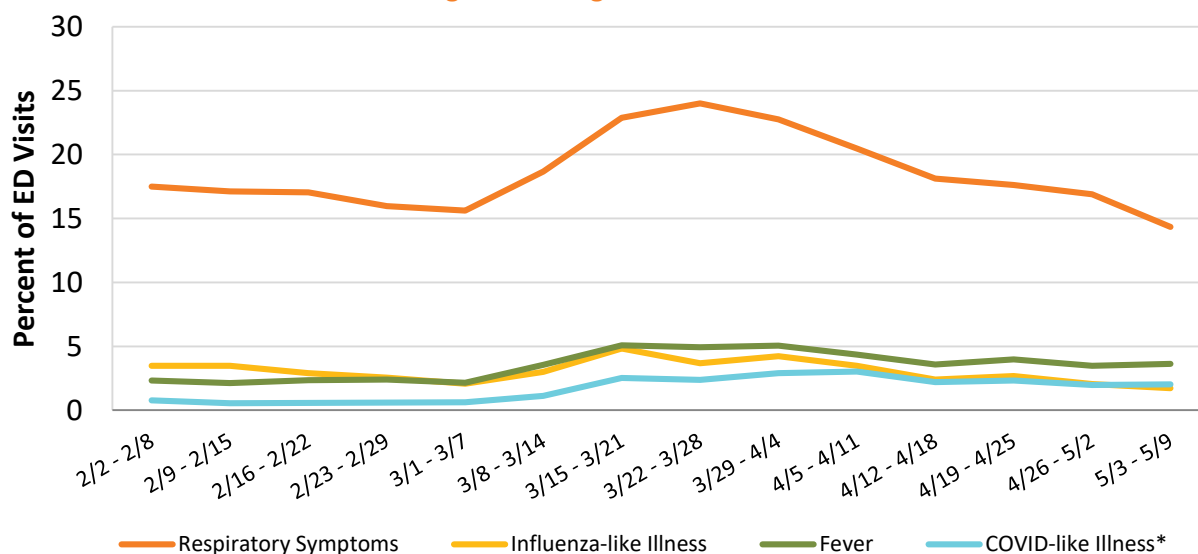
Emergency Department Data

Figure 10. Percent of Emergency Department Visit Chief Complaints for ILI, Respiratory Symptoms, Fever, or COVID-like Illness* by Week, San Diego County



Categories are not mutually exclusive. *COVID-like Illness includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes.

Figure 11. Percent of Emergency Department Visit Chief Complaints for ILI, Respiratory Symptoms, Fever, or COVID-like Illness* by Week, San Diego County
Among Patients Age 60 Years or Older



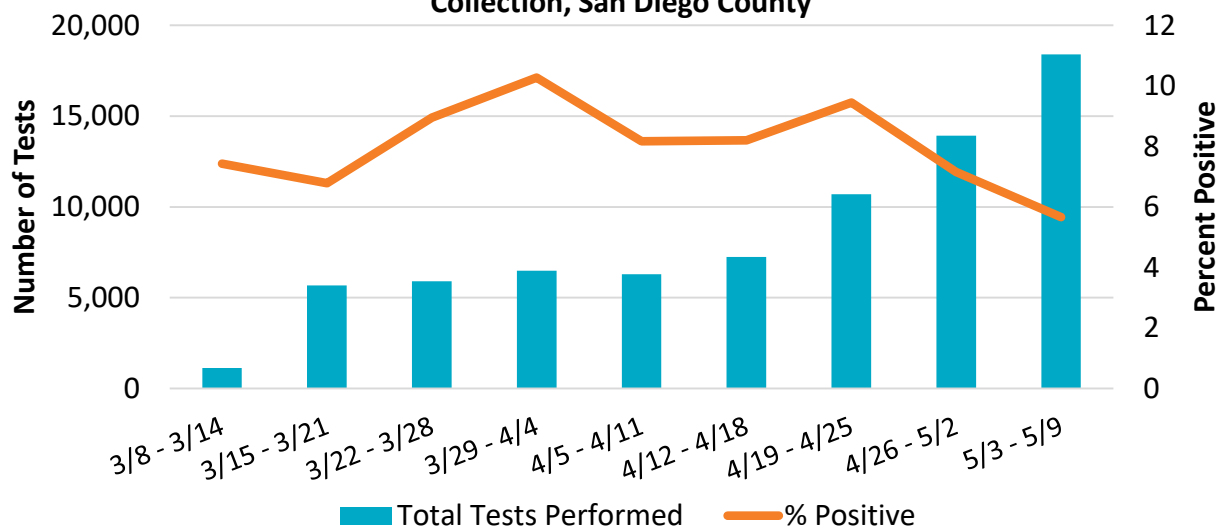
Categories are not mutually exclusive. *COVID-like Illness includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes.

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COVID-19 Laboratory Test Positivity Rate

Figure 12. COVID-19 Testing Volume and Positivity by Week of Specimen Collection, San Diego County



Includes PCR tests performed by COSD Public Health, hospital, and reference laboratories and reported via Electronic Laboratory Reporting (ELR). Excludes invalid, indeterminate, and unsatisfactory results.

COVID-19 Watch Data Sources

The following sources of data are used to produce this report:

- **COVID-19 case reports:** Medical providers and laboratories report individual cases of PCR-confirmed COVID-19 via fax or electronic laboratory reporting (ELR) to the County of San Diego Epidemiology Unit.
- **COVID-19 deaths:** The County of San Diego requests that all deaths related to COVID-19 be reported for surveillance purposes. Medical facilities may report these deaths directly to the Epidemiology Unit or they may be identified by the Office of Vital Records through death certificate registration. The Epidemiology Unit compiles the data, and only reports deaths that can be verified by a death certificate or medical record.
- **Emergency Department Chief Complaint Data:** Electronic emergency department data are reported to the Epidemiology Unit daily. The number of respiratory chief complaints and the number of total emergency department visits are used to calculate percentages for all respiratory-related visits and visits specific to influenza-like illness, cough, cold, fever, and COVID.
- **COVID-19 outbreaks:**
 - Institution/congregate settings: Two or more cases (residents and/or employees), with COVID-19 acute respiratory illness with symptom onset within 14-days of each other, at least one case is laboratory-confirmed for COVID-19.
 - Community settings: Three or more laboratory-confirmed COVID-19 cases in different households in a cluster of COVID-19 associated acute respiratory illness. Must have public health importance.
- **SANDAG population estimates, vintage 2018:** Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under five cases.

The purpose of the weekly **COVID-19 Watch** is to summarize current COVID-19 surveillance in San Diego County.

Data are preliminary and may change due to delayed reporting and additional information obtained during investigations.