COVID-19 WATCH
Weekly Coronavirus Disease 2019 (COVID-19) Surveillance Report

County of San Diego — HHSA — Health and Human Services Agency | LIVE WELL SAN DIEGO

Tuesday, May 26, 2020 | Data through week ending 5/23/2020

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

Cases
6,701
Median Age
45
Range 0-102

Deaths
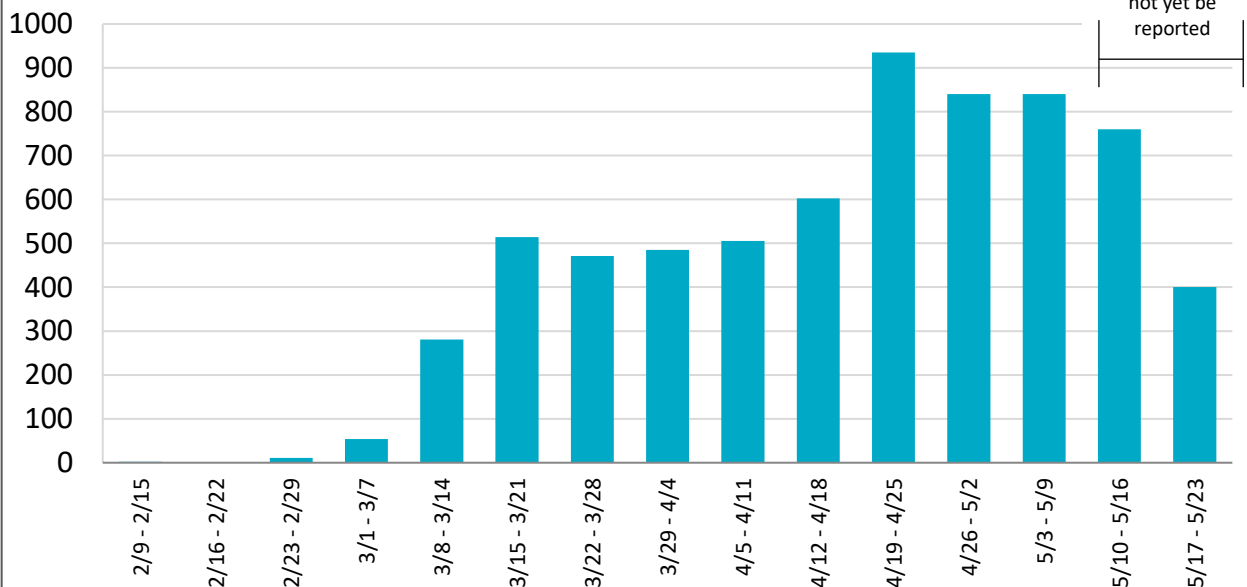**249**
Median Age
78
Range 23-101

Outbreaks
80
Percentage in Congregate Settings
70%

COVID-19 Cases by Onset* Week

Figure 1. COVID-19 Cases by Week of Illness Onset*
San Diego County Residents, N=6,701

Illnesses that began during this time may not yet be reported

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

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COUNTY OF SAN DIEGO
HEALTH AND HUMAN SERVICES AGENCY

LIVE WELL
SAN DIEGO

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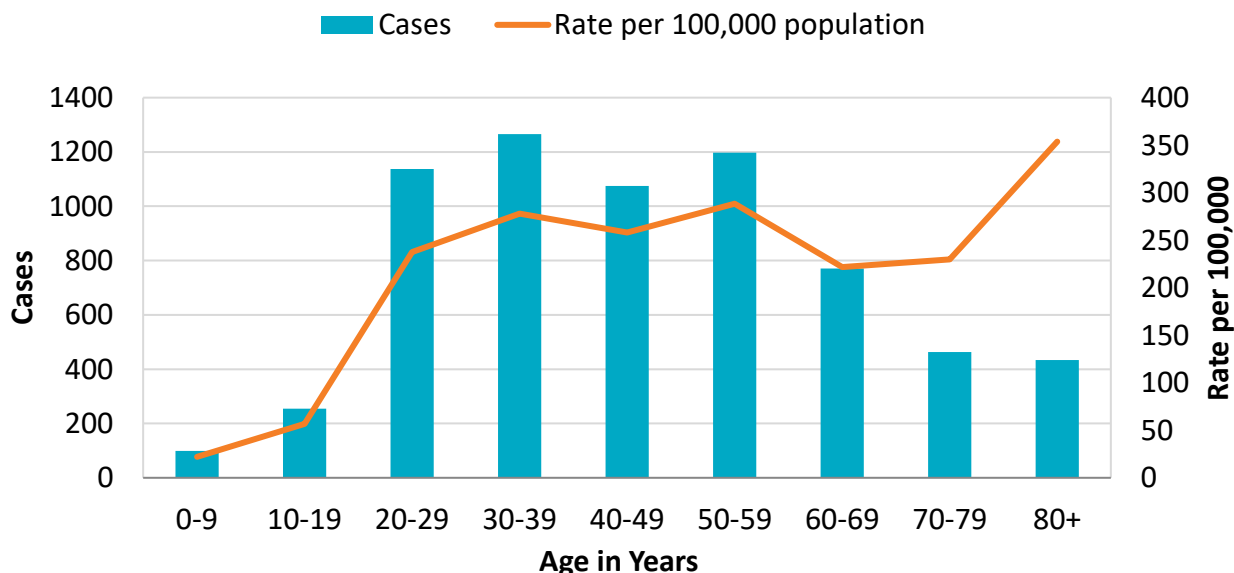
Summary of San Diego County COVID-19 Cases and Deaths

Confirmed cases	6,701	Deaths	249
Hospitalizations	1,232 (18%)	Underlying Conditions	240 (96%)
Illness onset date range*	2/14/2020-5/23/2020	Death date range	3/21/2020-5/21/2020
Median age	45 years	Median age	78 years
Age range	0-102 years	Age range	23-101 years
Male	3,339 (50%)	Male	142 (57%)
Female	3,351 (50%)	Female	107 (43%)
Healthcare workers	807 (12%)	Case Fatality Ratio	3.7%

*When onset date is unavailable, specimen collection date, date of death, or date reported is used instead.
Note: percentage hospitalized and healthcare workers are calculated based on the total number of cases; information may be unknown in some cases.

Demographic Summary of COVID-19 Cases

Figure 2. COVID-19 Cases by Age Group
San Diego County Residents, N=6,701

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Demographic Summary of COVID-19 Cases (Continued)

Figure 3. COVID-19 Cases by Sex and Age Group
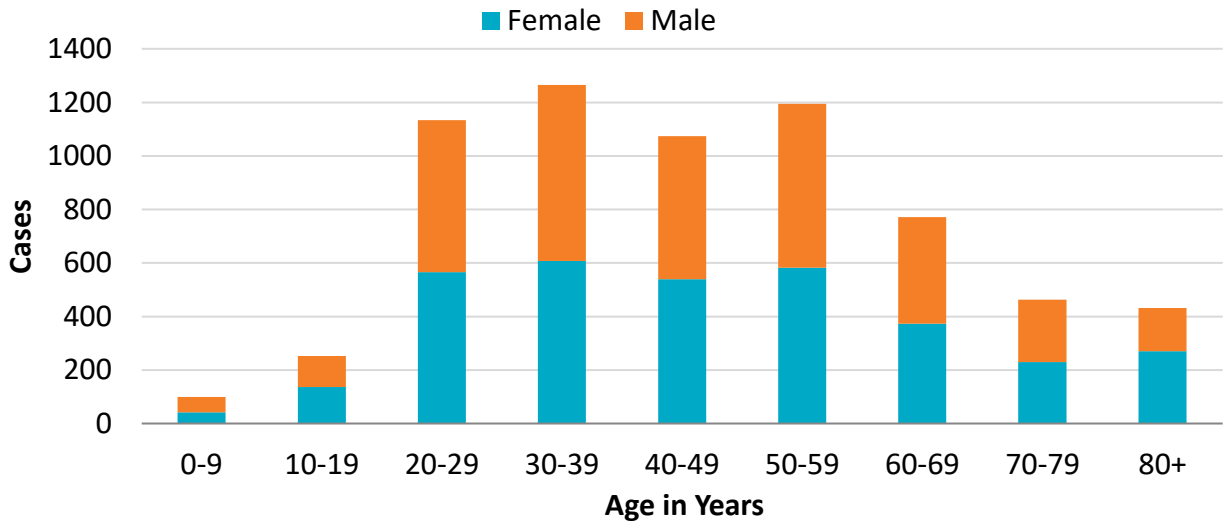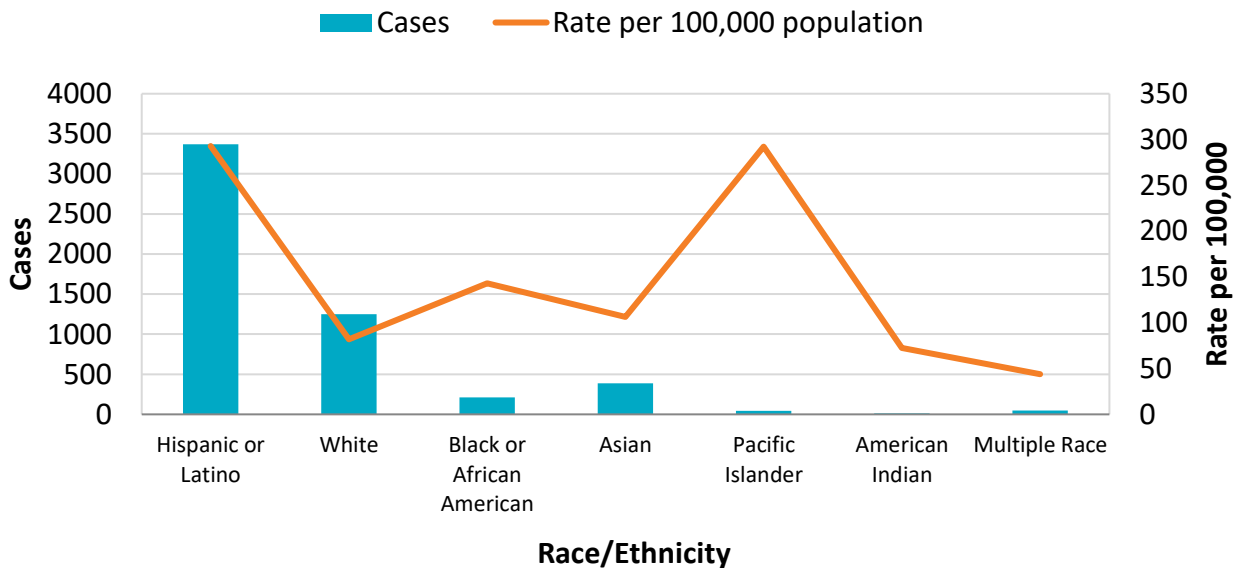**San Diego County Residents, N=6,701**

Figure 4. COVID-19 Cases by Race/Ethnicity
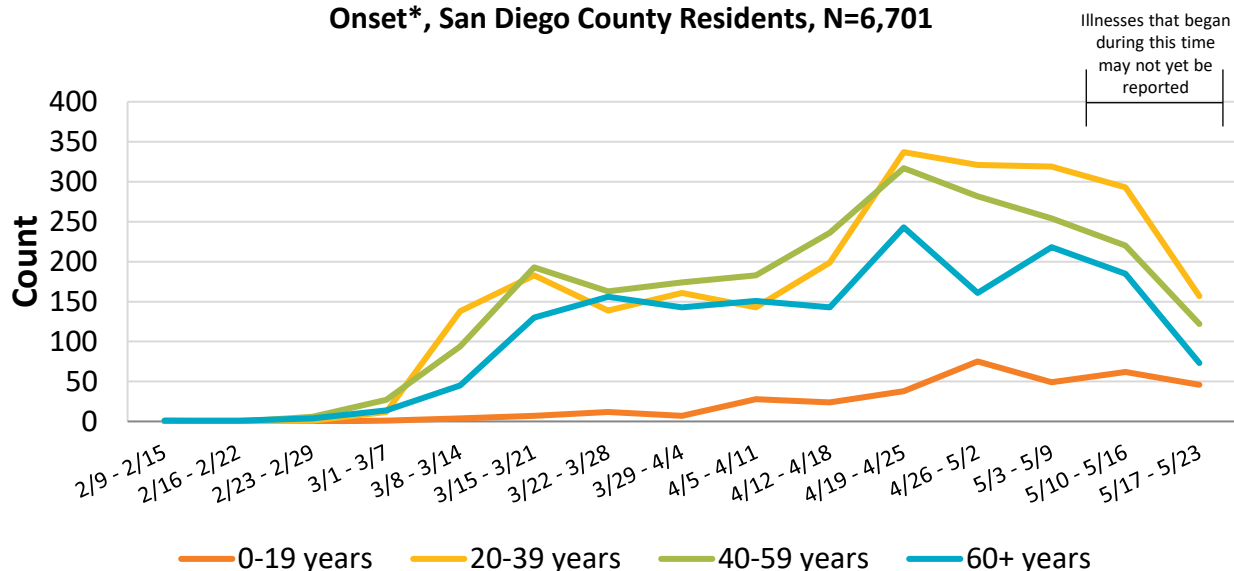**San Diego County Residents, N=5,318***

*Race and ethnicity is unknown for 1,383 cases.

COVID-19 WATCH

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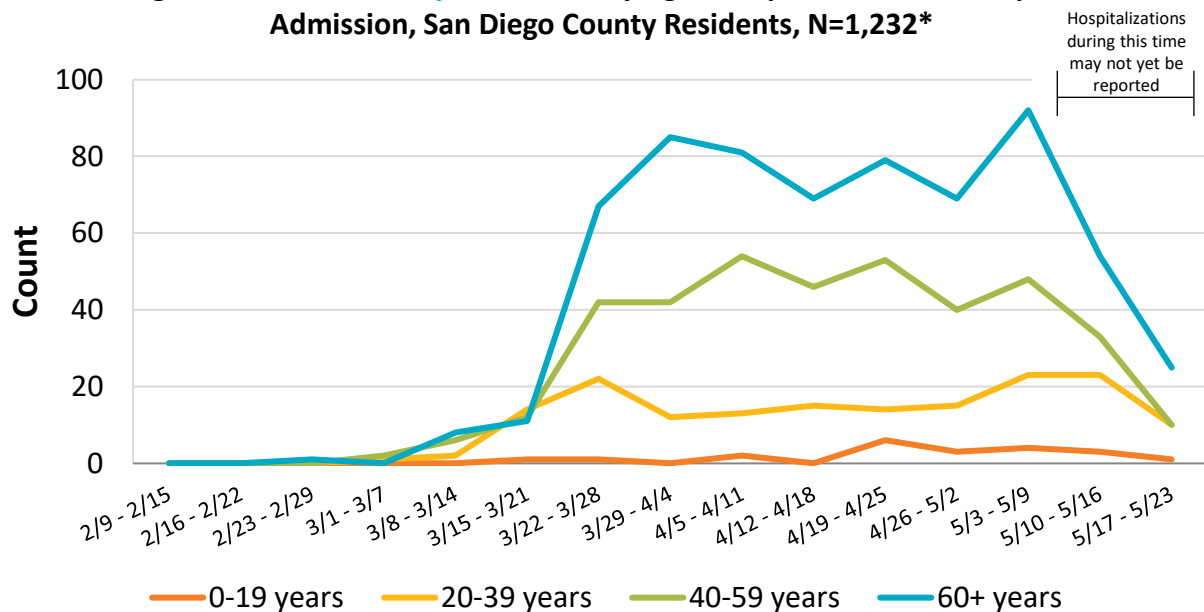Tuesday, May 26, 2020   Data through week ending 5/23/2020

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=6,701

Illnesses that began during this time may not yet be reported

*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=1,232*

Hospitalizations during this time may not yet be reported

*Admit date and age are unknown for some hospitalizations.
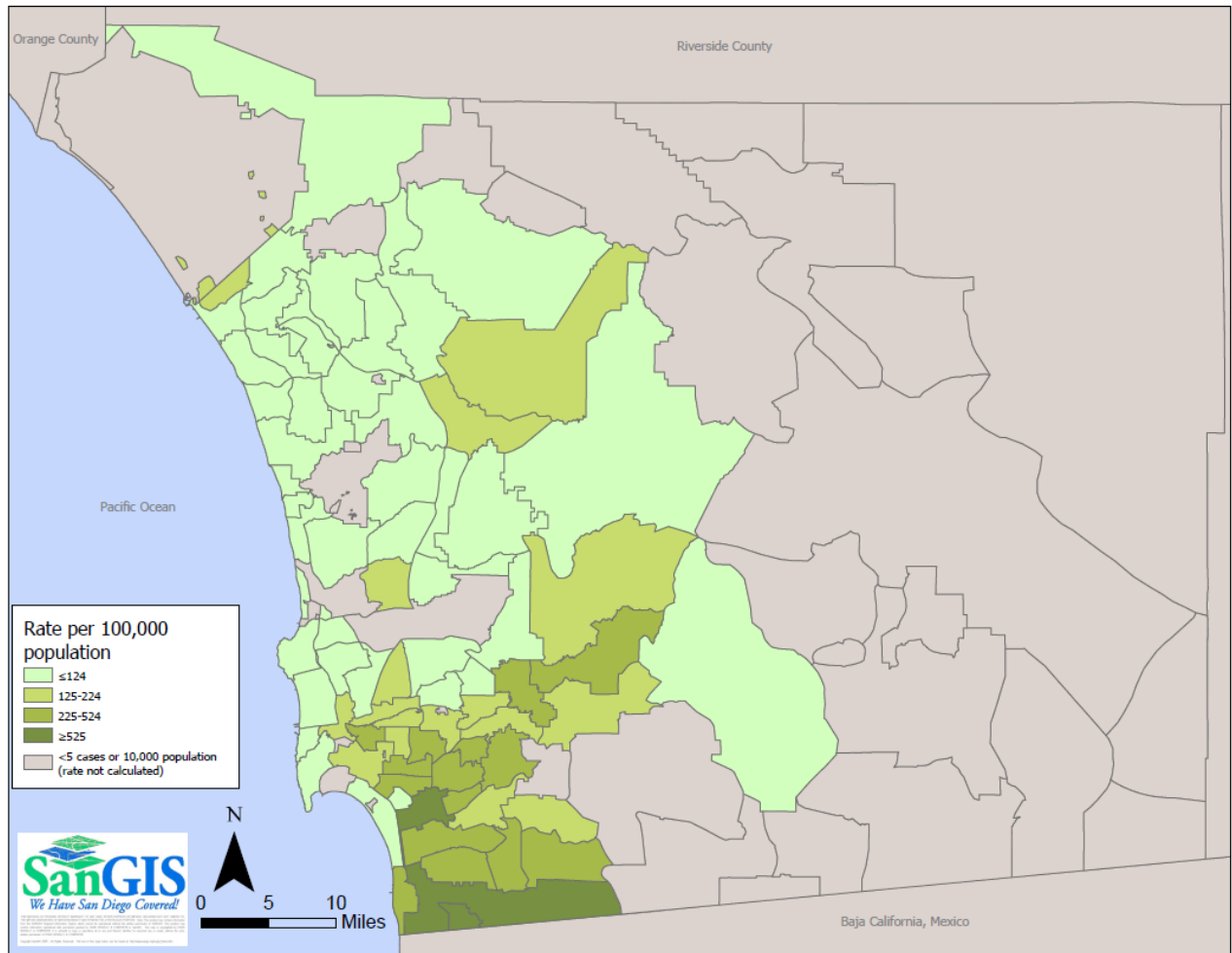
COVID-19 WATCH

Weekly Coronavirus Disease 2019 (COVID-19) Surveillance Report

Tuesday, May 26, 2020   Data through week ending 5/23/2020

COVID-19 Cases by Geography

Figure 7. COVID-19 Rates by Zip Code of Residence, San Diego County
(Countywide Rate = 201 per 100,000 Population)

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
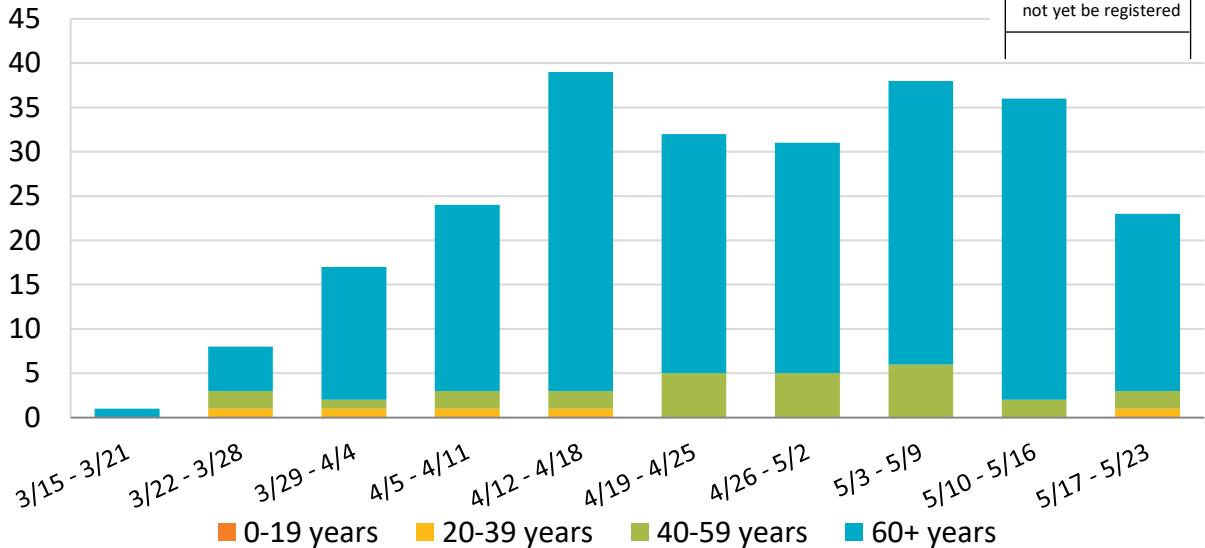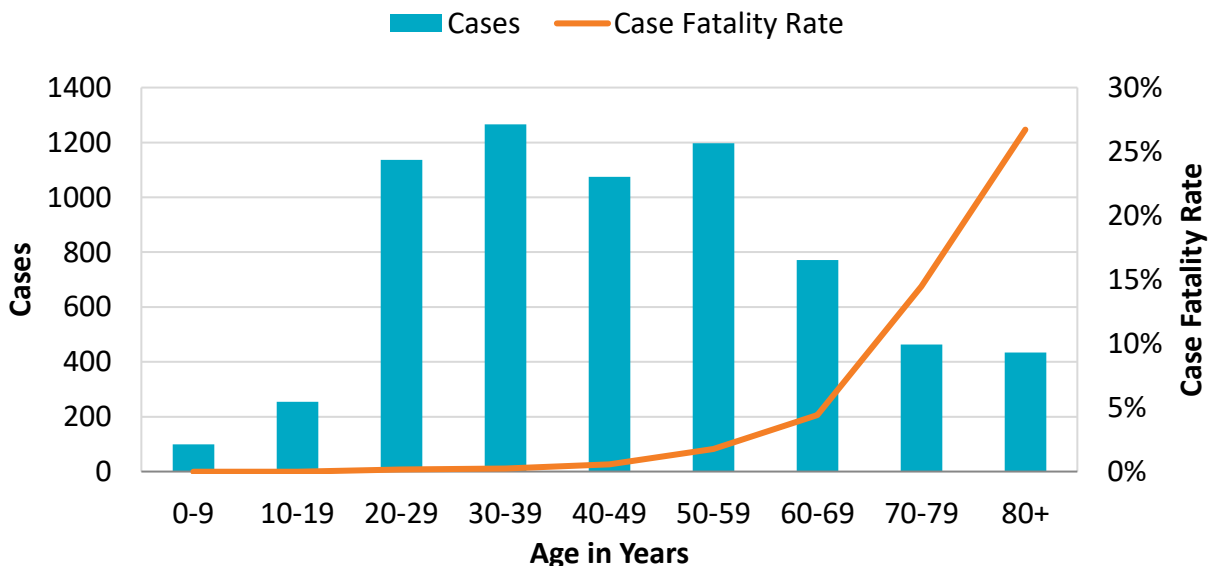**San Diego County Residents, N=249**

Deaths that occurred during this time may not yet be registered

Legend: ■ 0-19 years   ■ 20-39 years   ■ 40-59 years   ■ 60+ years

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

Legend: ■ Cases   — Case Fatality Rate

X-axis: Age in Years (0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+)
Left Y-axis: Cases
Right Y-axis: Case Fatality Rate

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Page 6

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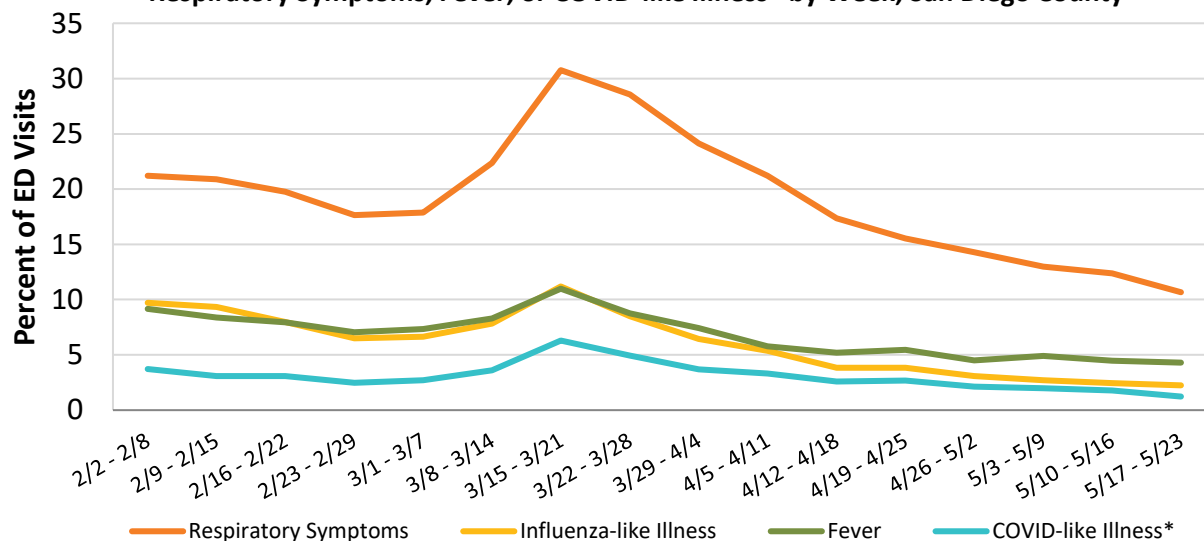
Tuesday, May 26, 2020   Data through week ending 5/23/2020
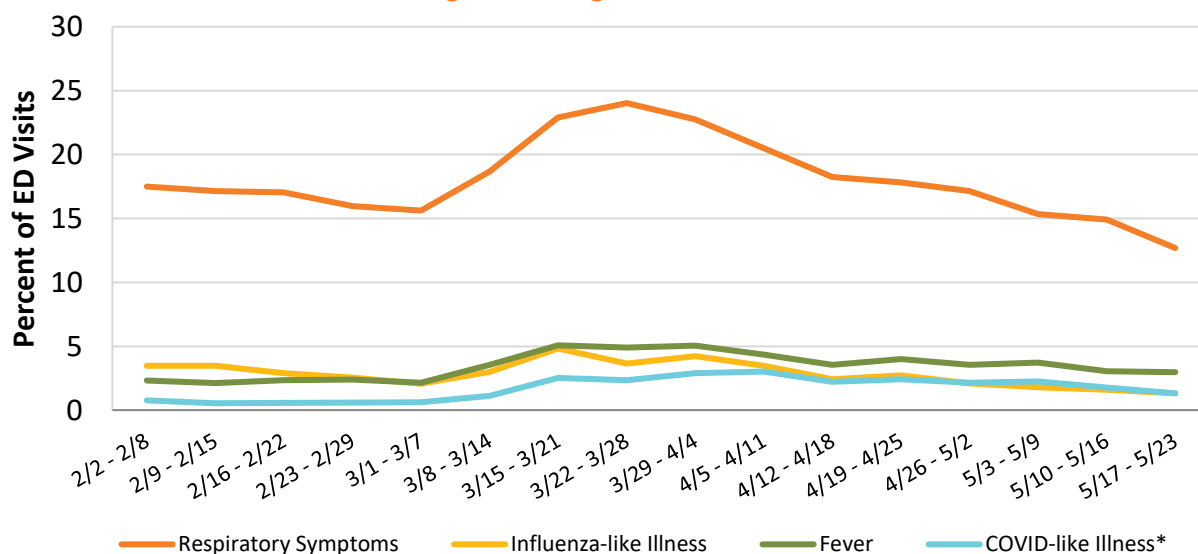
Emergency Department Data

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

Legend: Respiratory Symptoms — Influenza-like Illness — Fever — COVID-like Illness*

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

Legend: Respiratory Symptoms — Influenza-like Illness — Fever — COVID-like Illness*
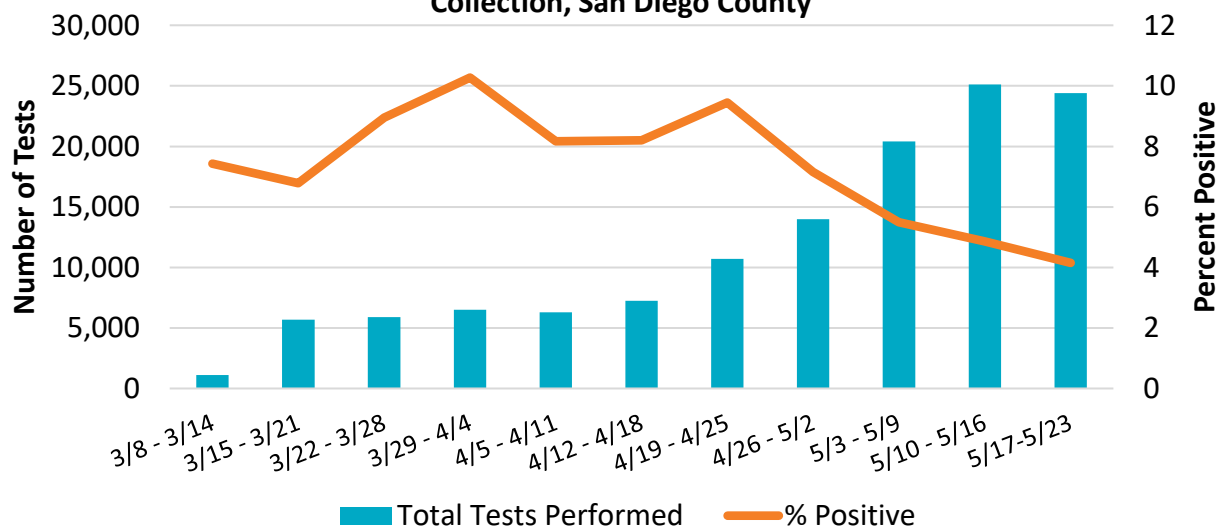
Categories are not mutually exclusive. *COVID-like Illness includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes.

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Page 7

COVID-19 WATCH

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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.