

# COVID-19 WATCH

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



Tuesday, September 8, 2020

Data through week ending 9/5/2020

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

#### Cases

**40,650**

Median Age

**36**

Range 0-102

#### Deaths

**707**

Median Age

**77**

Range 23-101

#### Outbreaks

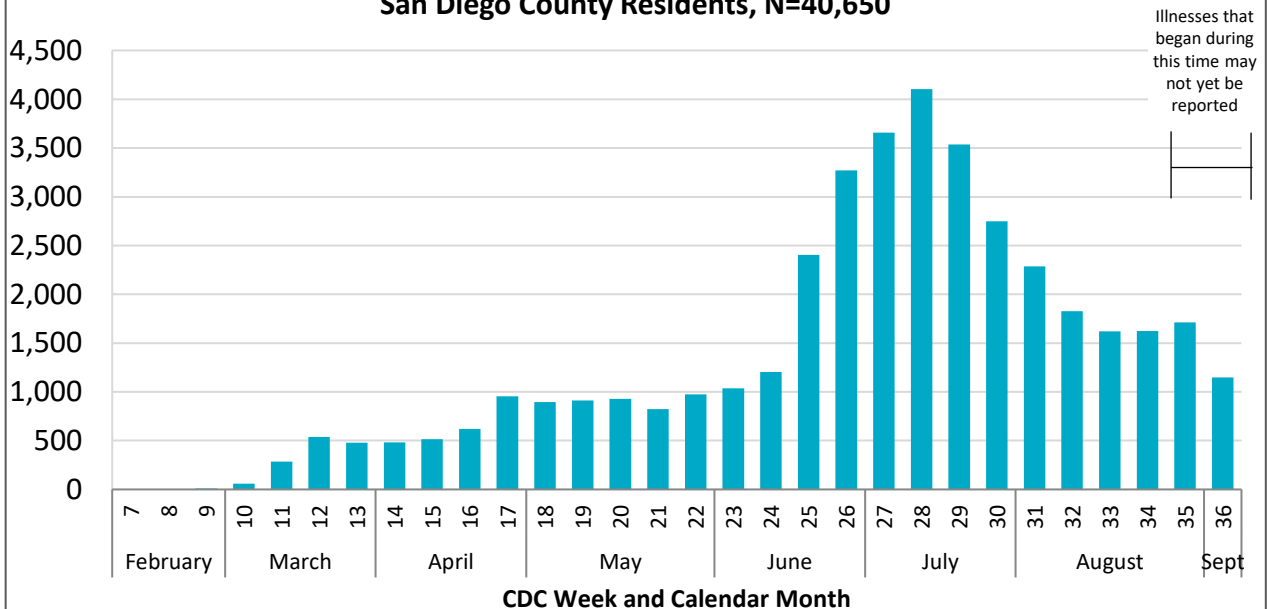
**433**

Percentage in  
Congregate  
Settings

**41%**

### COVID-19 Cases by Onset\* Week

**Figure 1. COVID-19 Cases by Week of Illness Onset\***  
San Diego County Residents, N=40,650



\*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](http://www.sdepi.org)

(619) 692-8499



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### Summary of San Diego County COVID-19 Cases and Deaths

<b>Confirmed cases</b>	40,650	<b>Deaths</b>	707
<b>Hospitalizations</b>	3,214 (8%)	<b>Underlying Conditions</b>	676 (96%)
<b>Illness onset date range*</b>	2/14/2020-9/5/2020	<b>Death date range</b>	3/21/2020-9/3/2020
<b>Median age</b>	36 years	<b>Median age</b>	77 years
<b>Age range</b>	0-102 years	<b>Age range</b>	23-101 years
<b>Male</b>	19,680 (49%)	<b>Male</b>	399 (56%)
<b>Female</b>	20,858 (51%)	<b>Female</b>	308 (44%)
<b>Healthcare workers</b>	3,061 (8%)	<b>Case Fatality Ratio</b>	1.7%

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

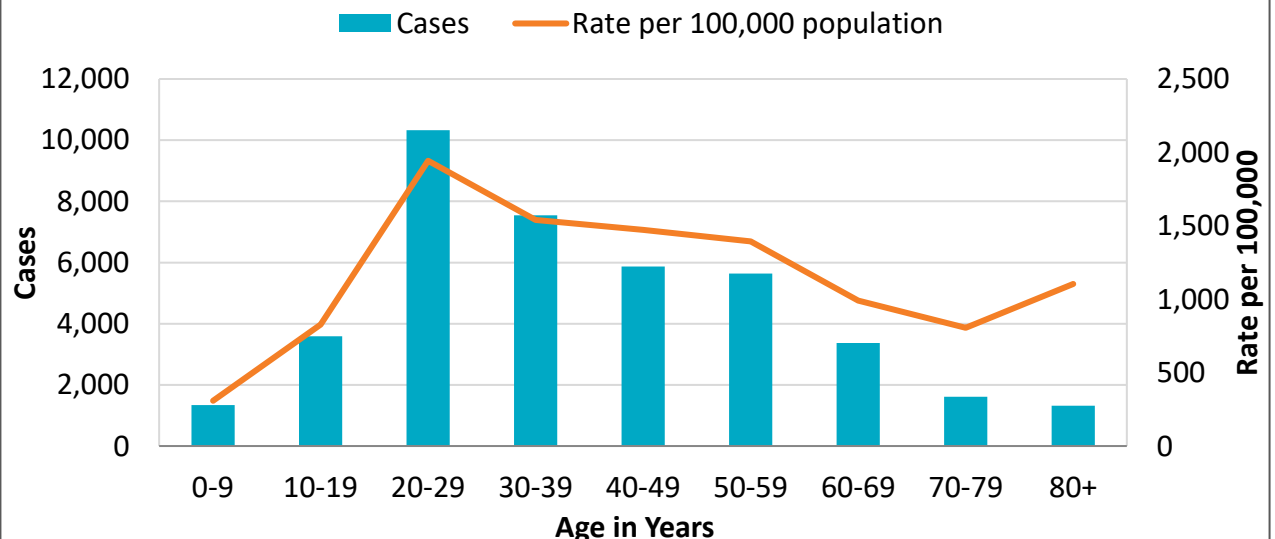
Note: percentage hospitalized and healthcare workers are calculated based on the total number of cases; information may be unknown in some cases.

### Summary of Non-County Resident COVID-19 Cases

<b>Confirmed cases</b>	3,625	<b>Hospitalizations</b>	458 (13%)
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### Demographic Summary of COVID-19 Cases

**Figure 2. COVID-19 Cases by Age Group**  
San Diego County Residents, N=40,650

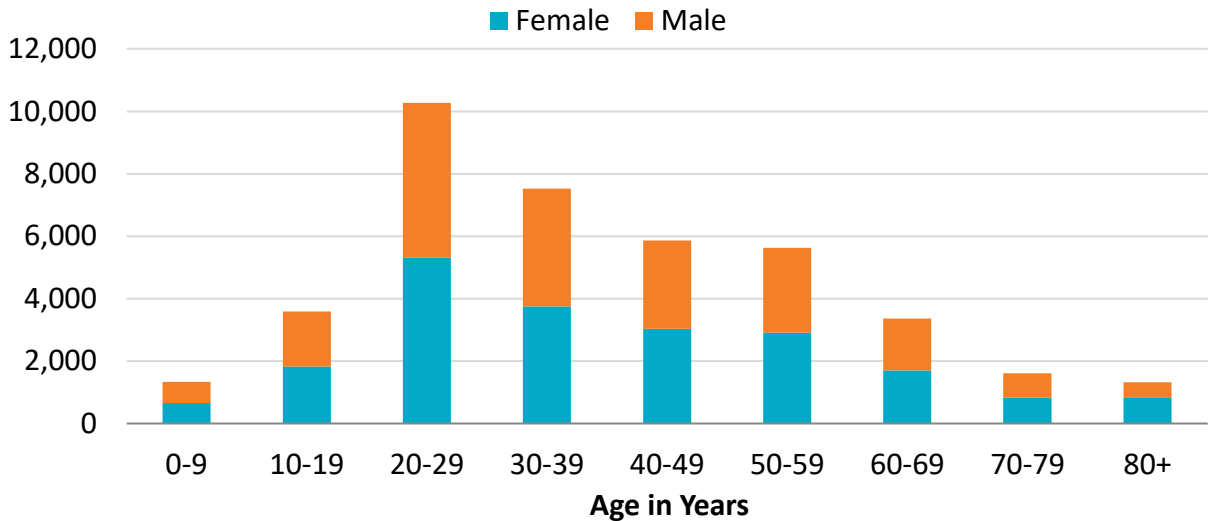


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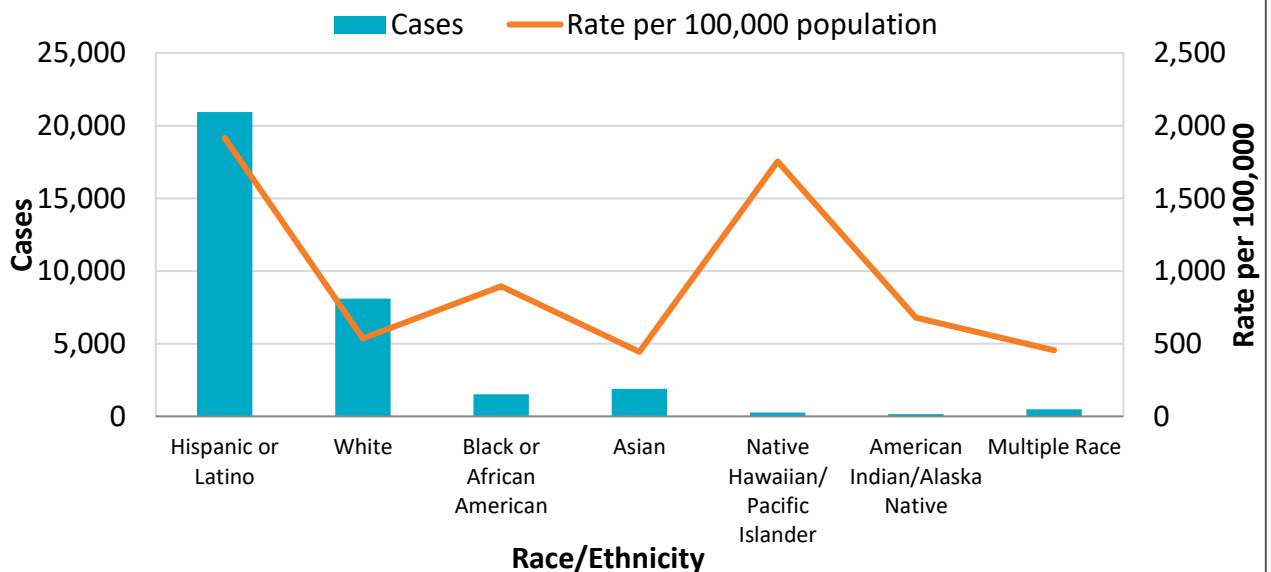
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### Demographic Summary of COVID-19 Cases (Continued)

**Figure 3. COVID-19 Cases by Sex and Age Group**  
San Diego County Residents, N=40,650



**Figure 4. COVID-19 Cases by Race/Ethnicity**  
San Diego County Residents, N=33,324\*



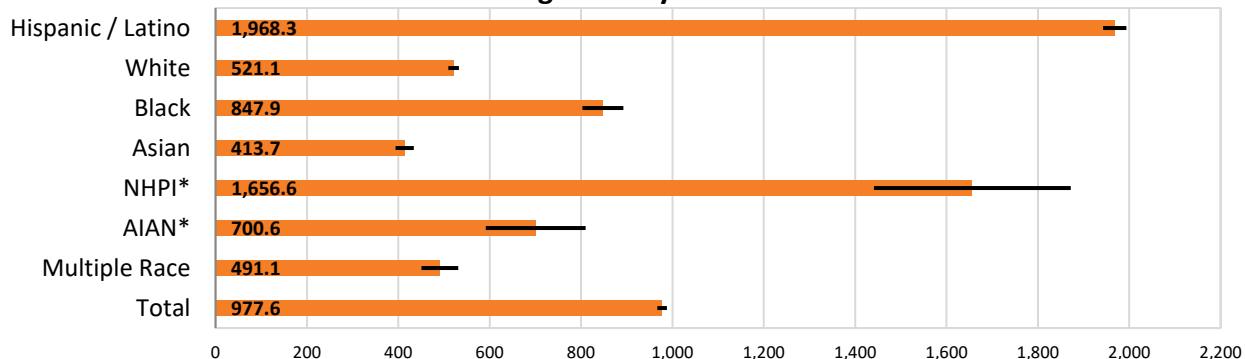
\*Race and ethnicity is unknown for 7,326 cases.

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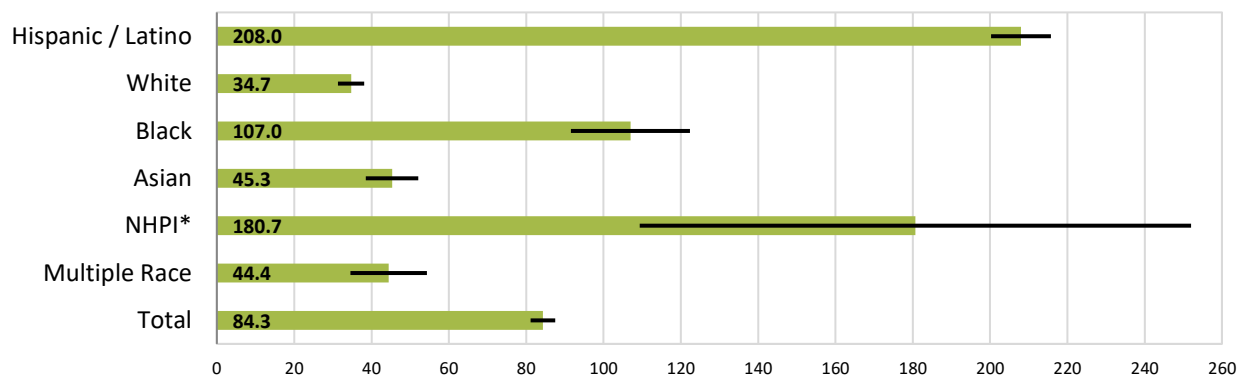
Data through week ending 9/5/2020

### COVID-19 Case, Hospitalization, and Death Rates by Race and Ethnicity

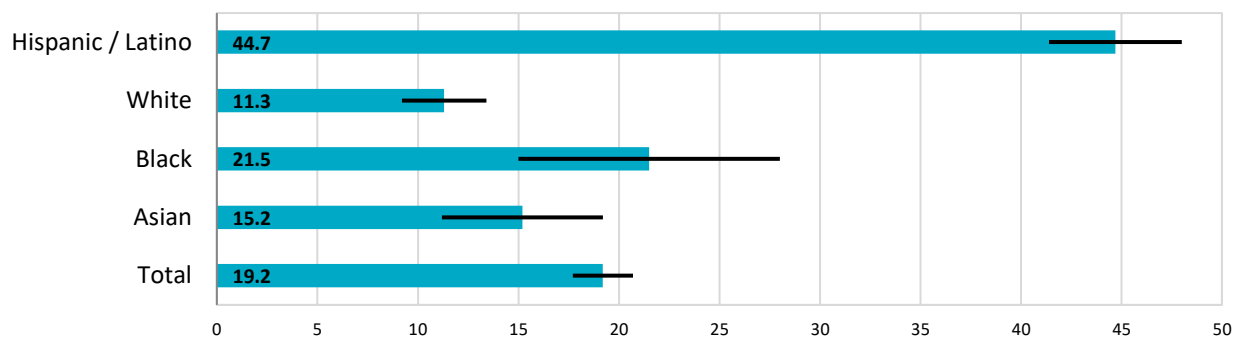
**Figure 5. Age-Adjusted Rates of COVID-19 Cases by Race/Ethnicity, San Diego County Residents**



**Figure 6. Age-Adjusted Rates of COVID-19 Hospitalizations by Race/Ethnicity, San Diego County Residents**



**Figure 7. Age-Adjusted Rates of COVID-19 Deaths by Race/Ethnicity, San Diego County Residents**



The black lines represent the 95% confidence intervals (error bars). Rates are not calculated for less than 20 events.

\*NHPI=Native Hawaiian/Pacific Islander, AIAN=American Indian/Alaska Native.

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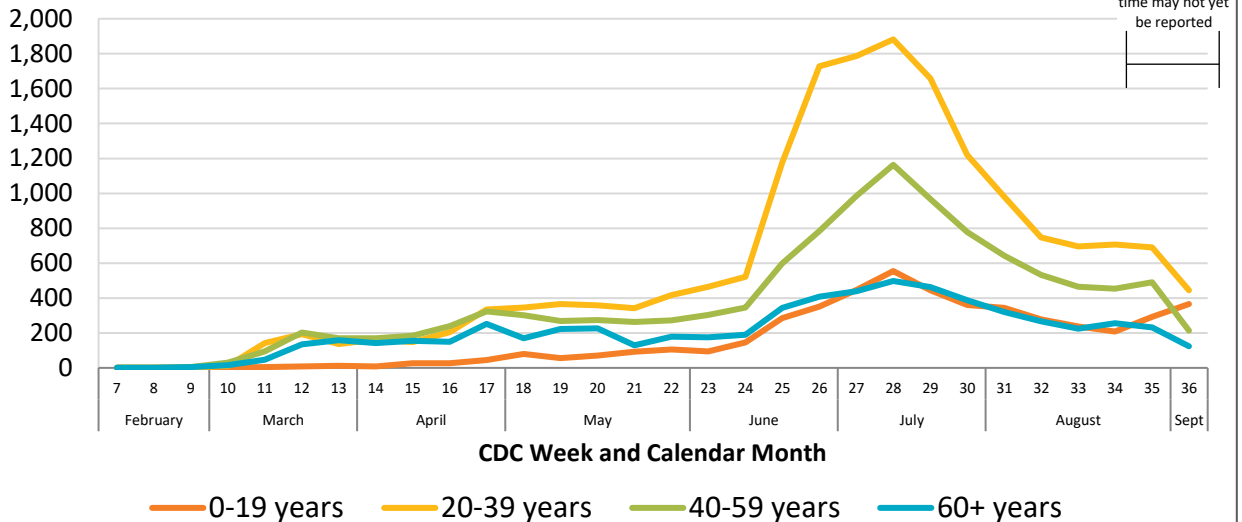


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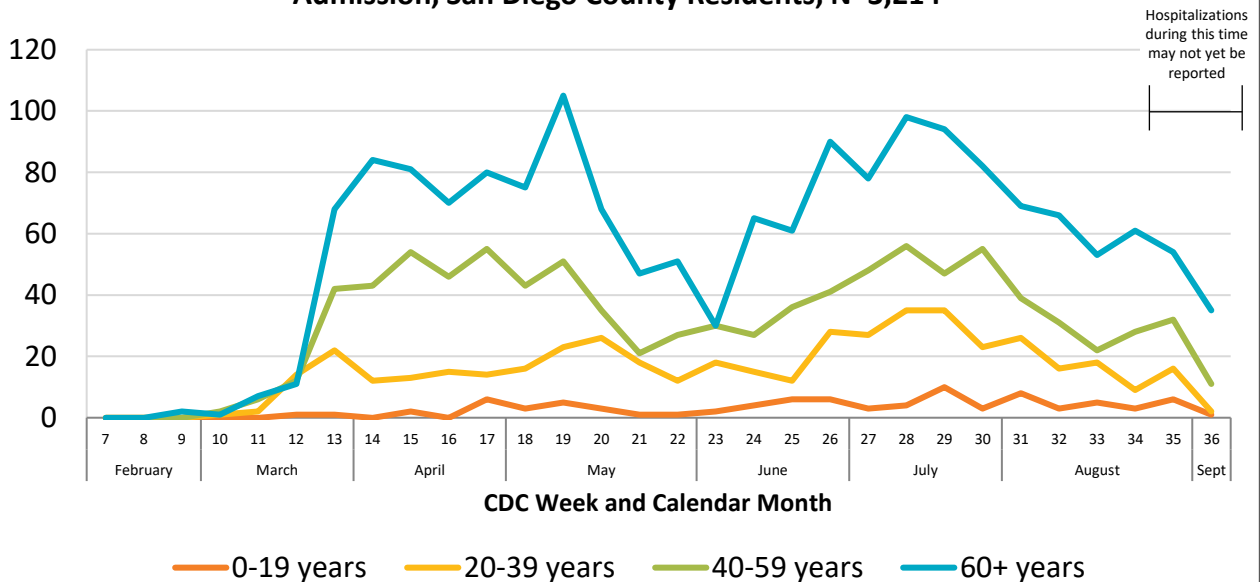
### COVID-19 Cases and Hospitalizations by Age and Week

**Figure 8. COVID-19 Confirmed Cases by Age Group and Week of Illness Onset\*, San Diego County Residents, N=40,650**



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

**Figure 9. COVID-19 Hospitalizations by Age Group and Week of Hospital Admission, San Diego County Residents, N=3,214\***



\*Admit date and age are unknown for some hospitalizations.

Epidemiology and Immunization Services Branch

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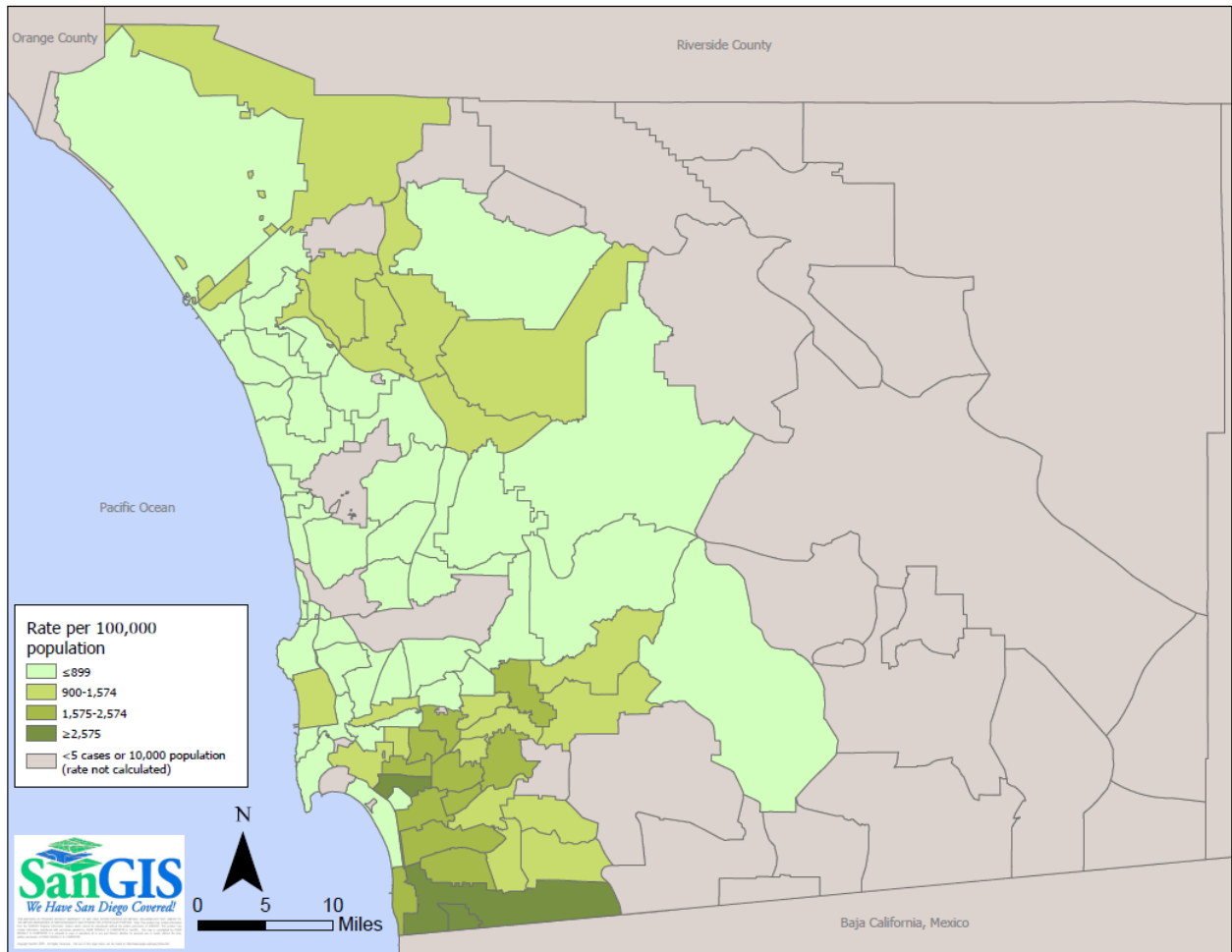


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### COVID-19 Cases by Geography

**Figure 10. COVID-19 Rates by Zip Code of Residence, San Diego County  
(Countywide Rate = 1,213 per 100,000 Population)**



Rates calculated using 2019 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. Case [counts and rates](#) for each zip code are updated routinely on the County of San Diego COVID-19 website.

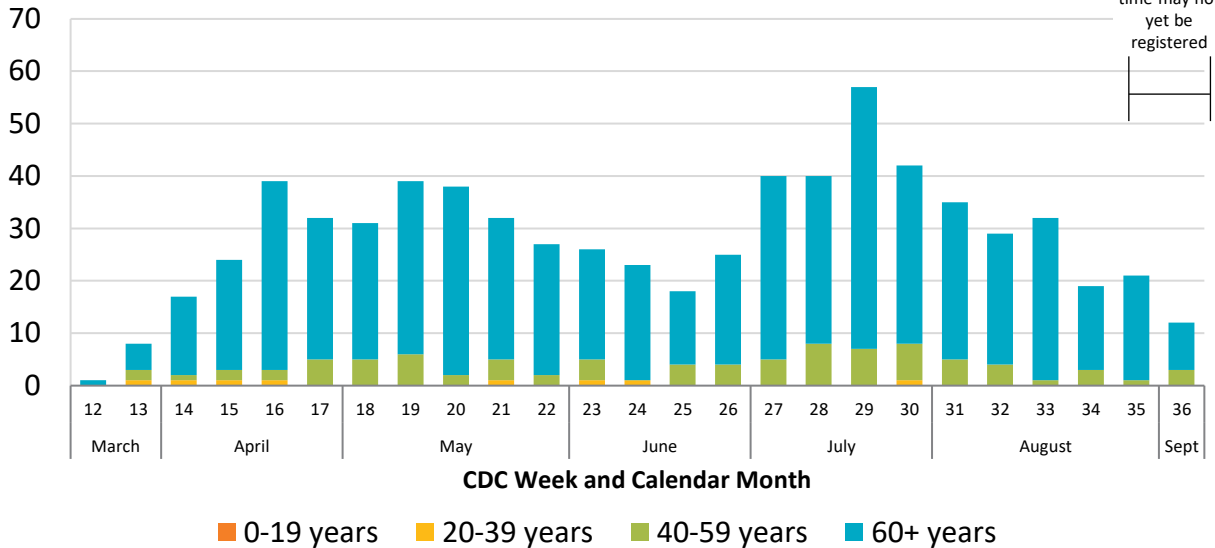
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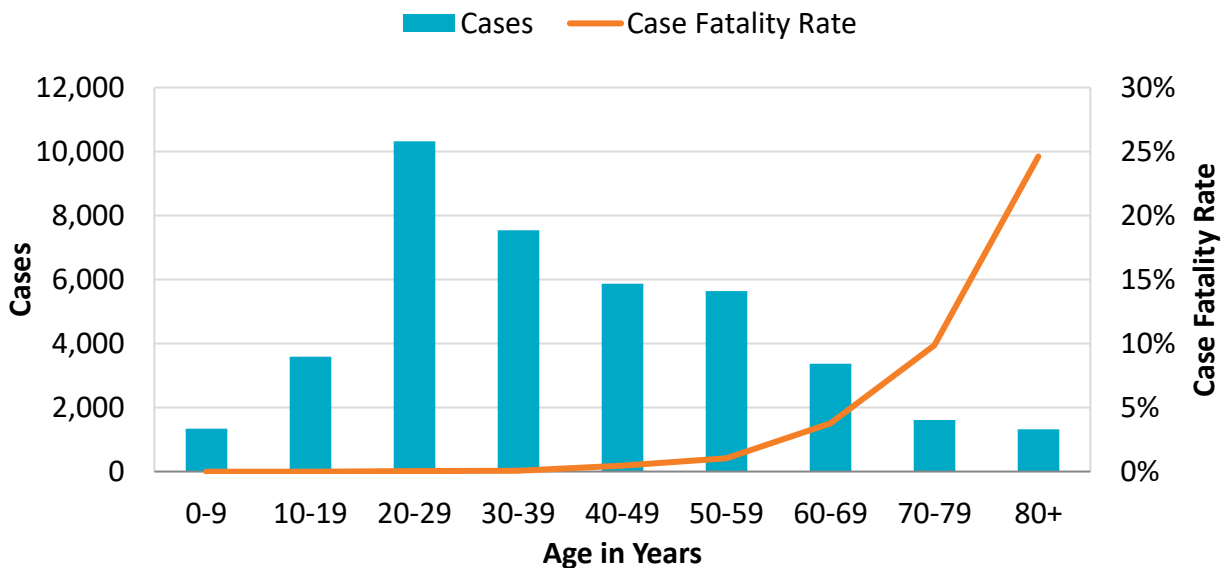
### Summary of COVID-19-associated Deaths

**Figure 11. COVID-19 Deaths by Week of Death**  
San Diego County Residents, N=707

Deaths that occurred during this time may not yet be registered



**Figure 12. COVID-19 Cases and Case Fatality Rate**  
San Diego County Residents

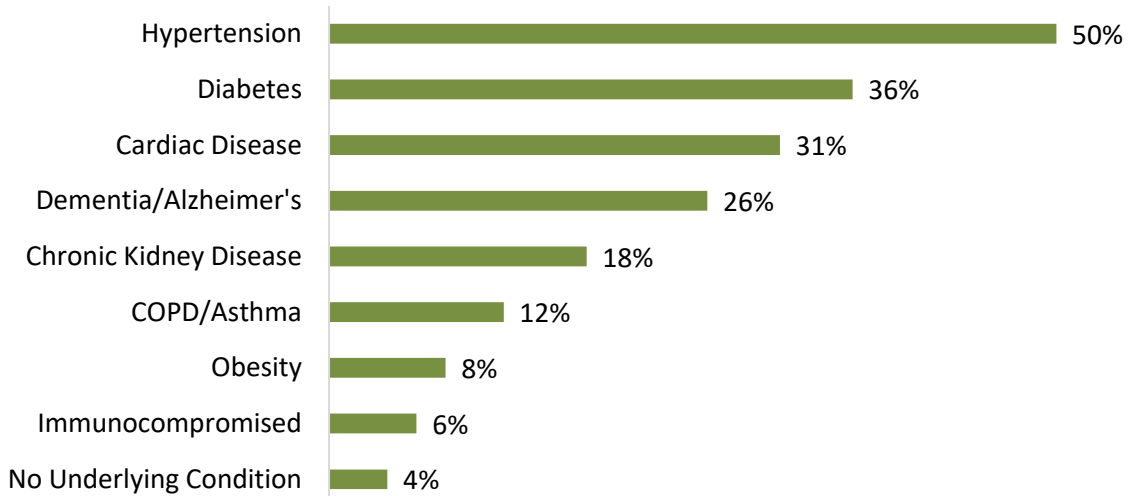


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### Summary of COVID-19-associated Deaths (continued)

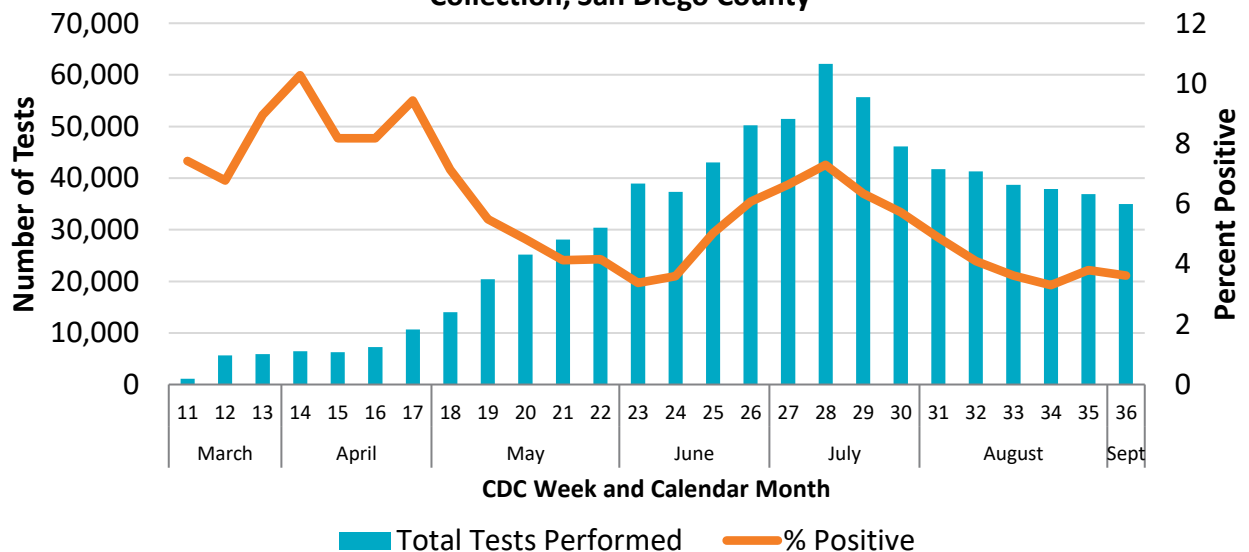
**Figure 13. Common Underlying Conditions, COVID-associated Deaths**



Persons may have more than one underlying condition. These data are abstracted from death certificates and available medical records and may not reflect a complete list of underlying conditions for each person.

### COVID-19 Laboratory Test Positivity Rate

**Figure 14. 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.

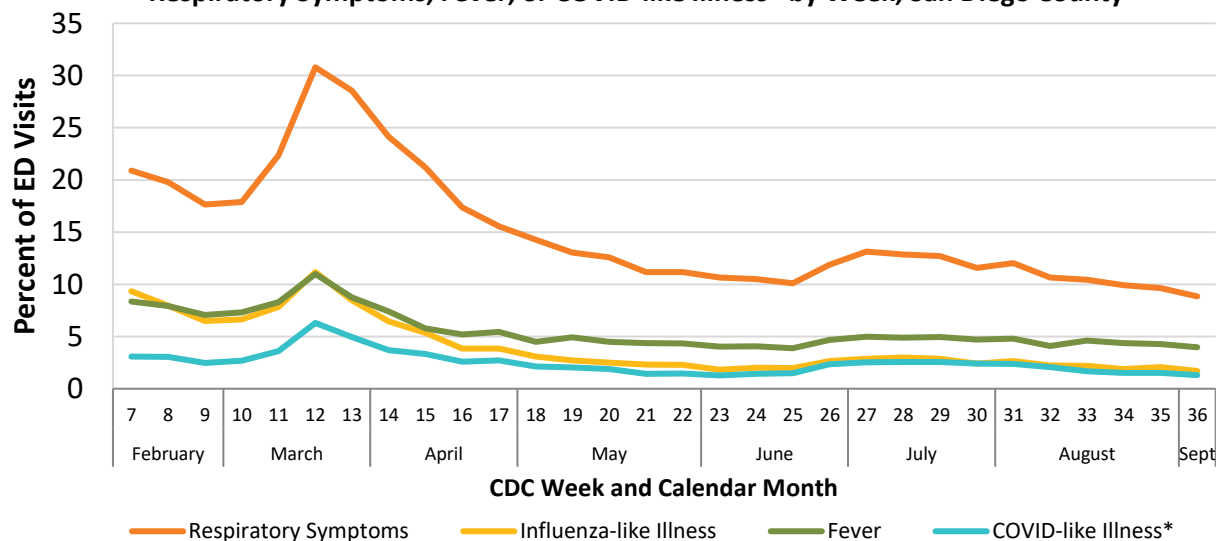


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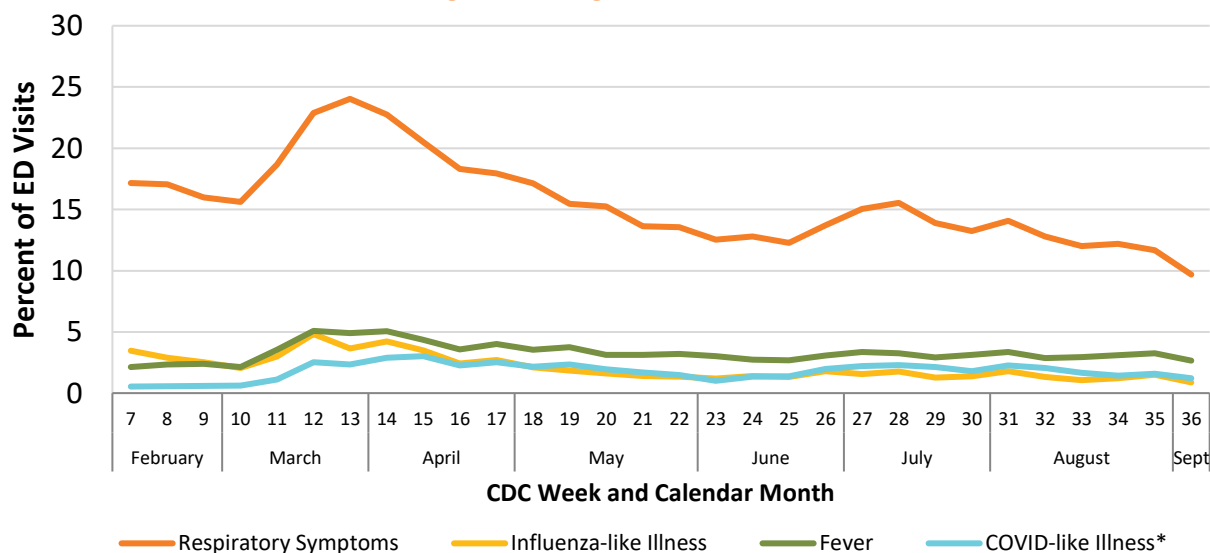
### Emergency Department Data

**Figure 15. 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 16. 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 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.
- **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, fever, and COVID.
- **COVID-19 outbreaks:**
  - Skilled Nursing Facilities: at least one case of laboratory-confirmed COVID-19 in a resident.
  - Non-SNF Institution/Congregate Settings: at least one case of laboratory-confirmed COVID-19 in the setting of ≥2 cases of acute illness compatible with COVID-19 in residents or staff members of residential congregate settings with onset within a 14-day period.
  - Community settings: three or more laboratory-confirmed COVID-19 cases in different households in a cluster of 2 or more acute illnesses compatible with COVID-19\*\* with onset within a 14-day period.
- **SANDAG population estimates, vintage 2019:** Rates are calculated using 2019 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.***