

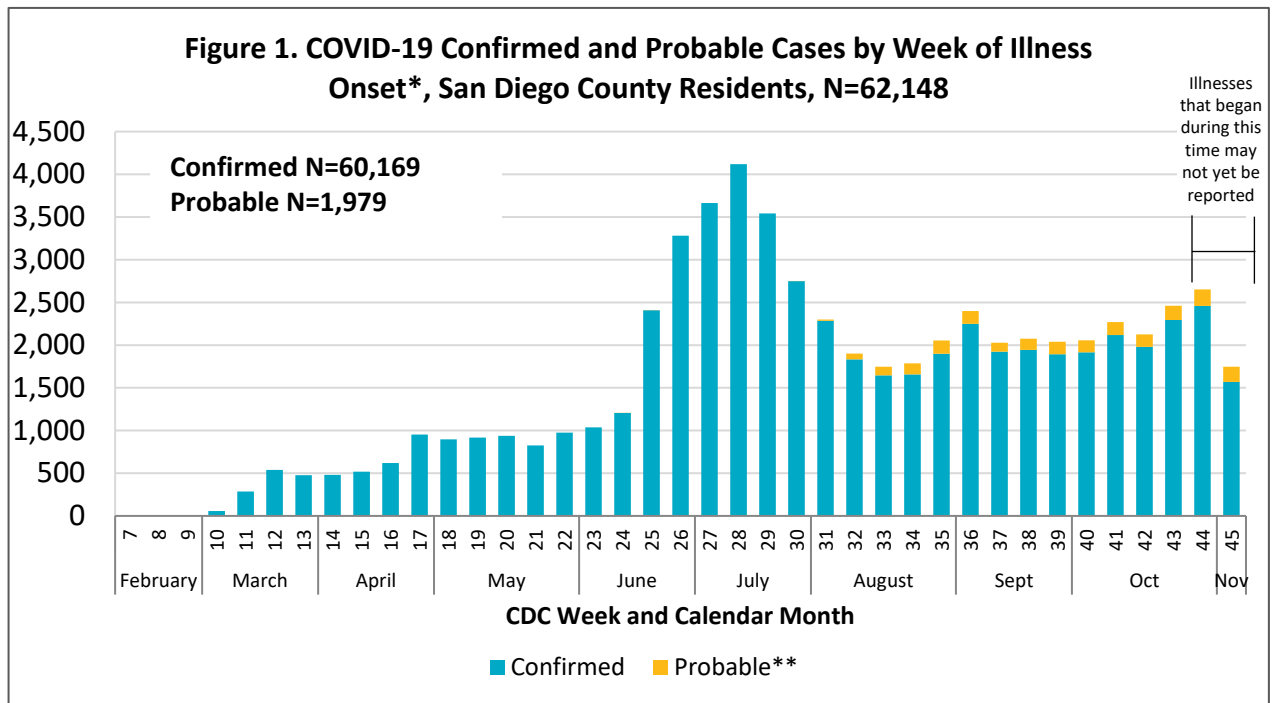
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Data through week ending 11/7/2020

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

<p>Cases</p> <p>60,169</p> <p>Median Age 35</p> <p>Range 0-107</p>	<p>Deaths</p> <p>908</p> <p>Median Age 77</p> <p>Range 23-102</p>	<p>Outbreaks</p> <p>723</p> <p>Percentage in Congregate Settings 30%</p>
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COVID-19 Confirmed and Probable Cases by Onset* Week



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

**Probable cases are antigen positive tests received since August 1, 2020.



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Table 1. Confirmed COVID-19 Cases and Deaths

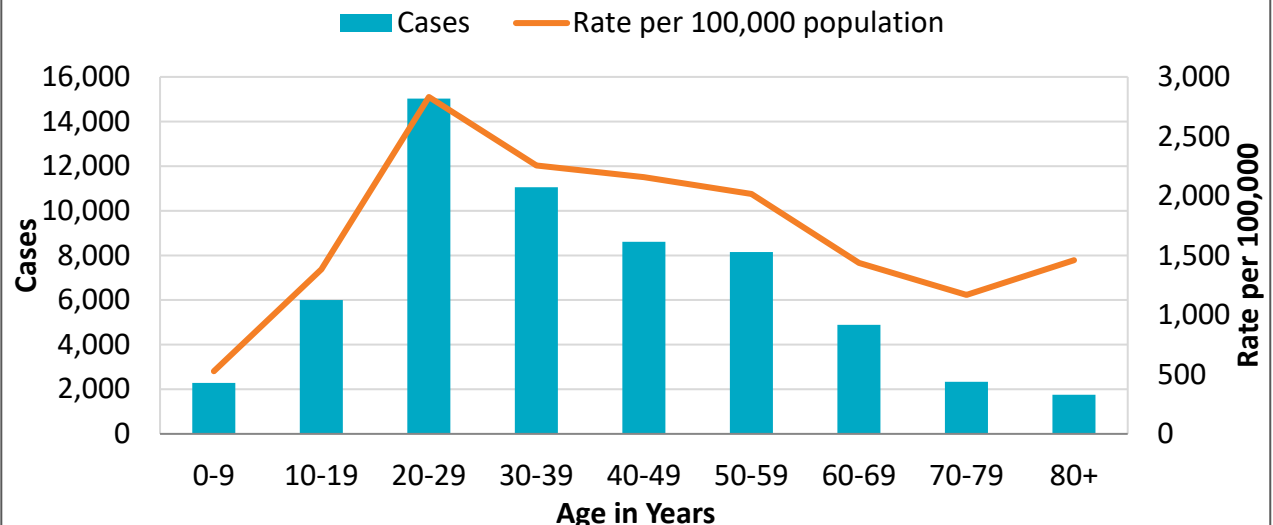
Summary of San Diego County Confirmed COVID-19 Cases and Deaths			
Confirmed cases	60,169	Deaths	908
Hospitalizations	4,049 (7%)	Underlying Conditions	866 (95%)
Illness onset date range*	2/14/2020-11/7/2020	Death date range	3/21/2020-11/5/2020
Median age	35 years	Median age	77 years
Age range	0-107 years	Age range	23-102 years
Male	29,217 (49%)	Male	520 (57%)
Female	30,794 (51%)	Female	388 (43%)
Healthcare workers	4,357 (7%)	Case Fatality Ratio	1.5%
Summary of Non-County Resident COVID-19 Cases			
Confirmed cases	5,005	Hospitalizations	545 (11%)

*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 Confirmed COVID-19 Cases

**Figure 2. Confirmed COVID-19 Cases by Age Group
San Diego County Residents, N=60,169**

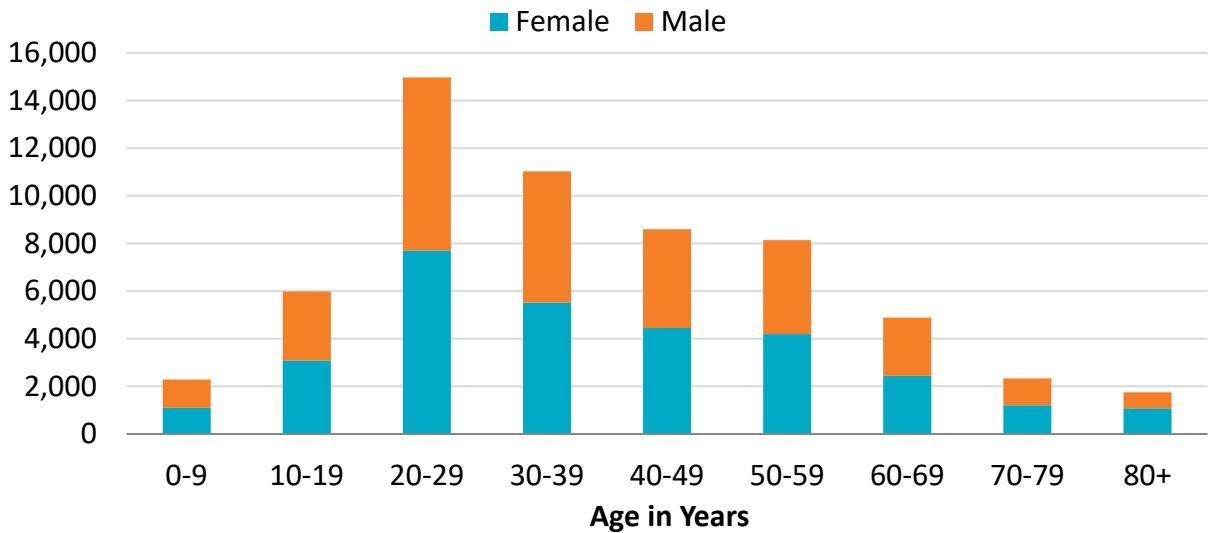


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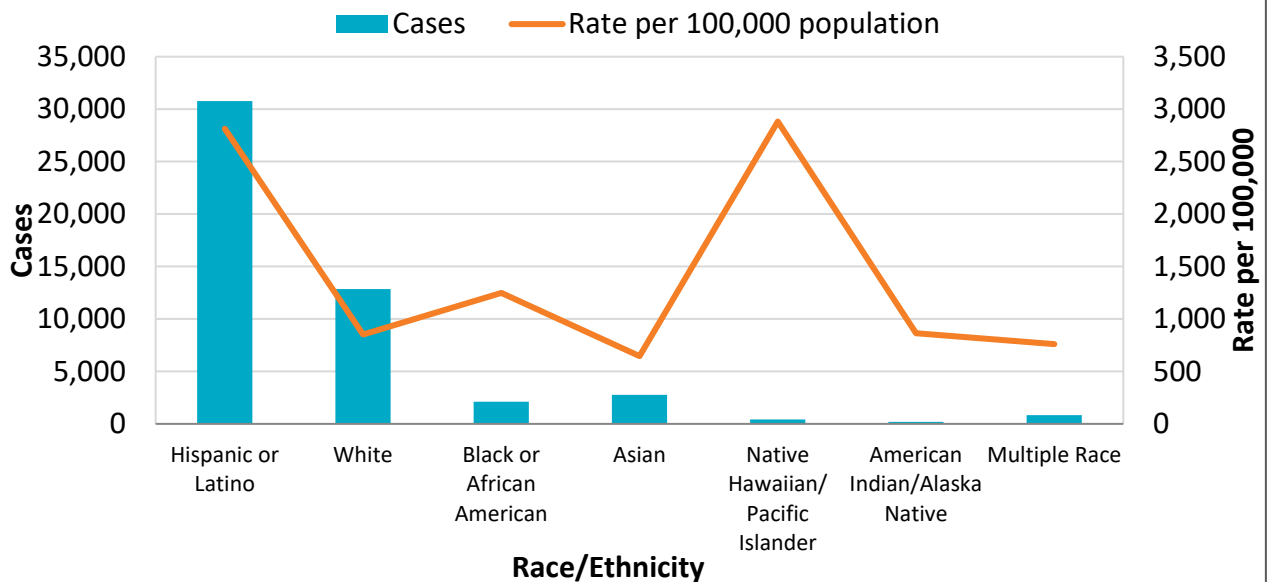
Data through week ending 11/7/2020

Demographic Summary of Confirmed COVID-19 Cases (continued)

**Figure 3. Confirmed COVID-19 Cases by Sex and Age Group
San Diego County Residents, N=60,169**



**Figure 4. Confirmed COVID-19 Cases by Race/Ethnicity
San Diego County Residents, N=49,889***



*Race and ethnicity is unknown for 10,280 cases.

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

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

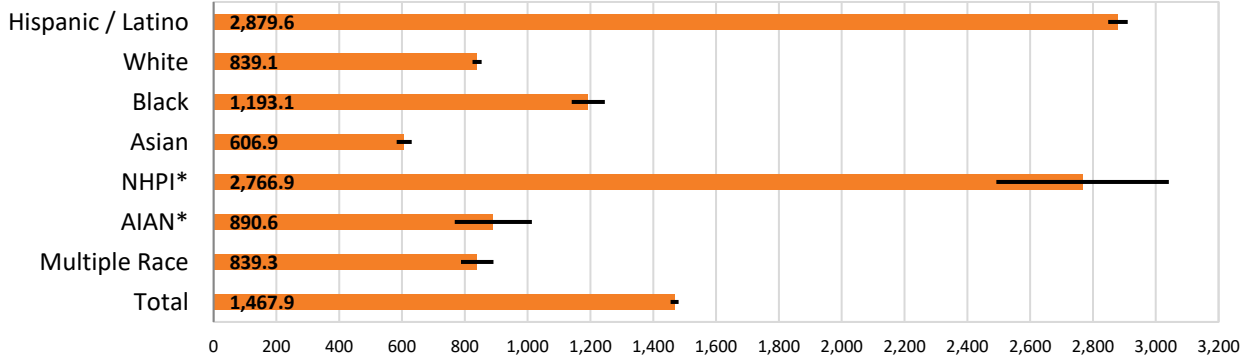


Figure 6. Age-Adjusted Rates of COVID-19 Hospitalizations by Race/Ethnicity, San Diego County Residents

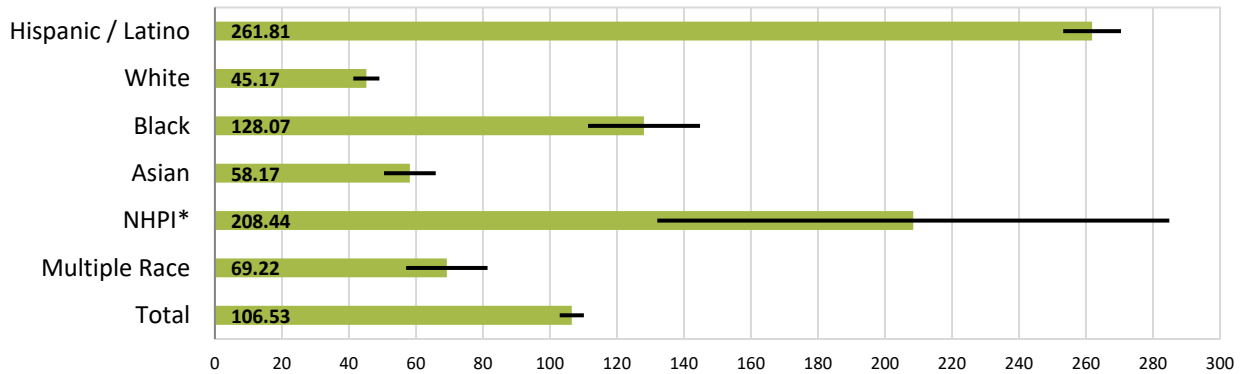
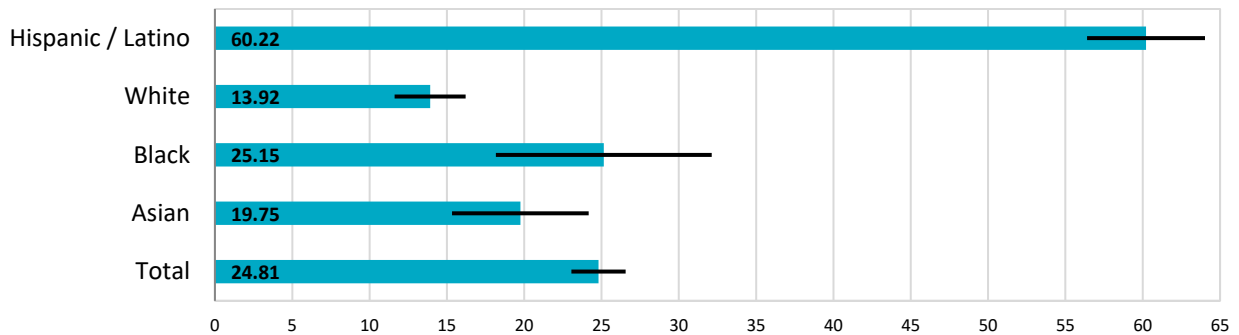


Figure 7. Age-Adjusted Rates of COVID-19 Deaths by Race/Ethnicity, San Diego County Residents



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.

Epidemiology and Immunization Services Branch

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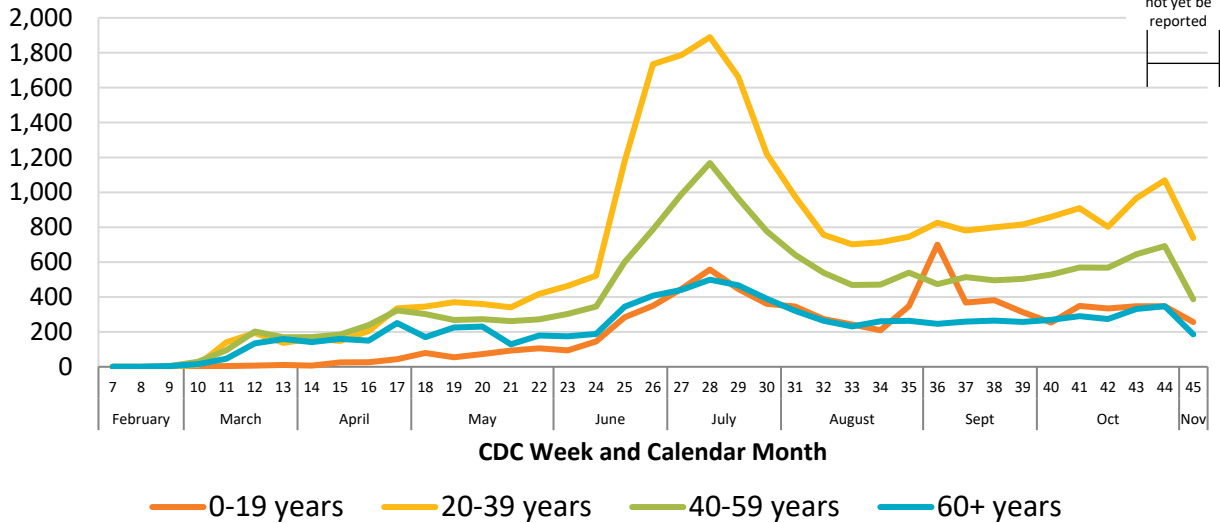
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Confirmed COVID-19 Cases and Hospitalizations by Age and Week

Figure 8. COVID-19 Confirmed Cases by Age Group and Week of Illness Onset*, San Diego County Residents, N=60,169

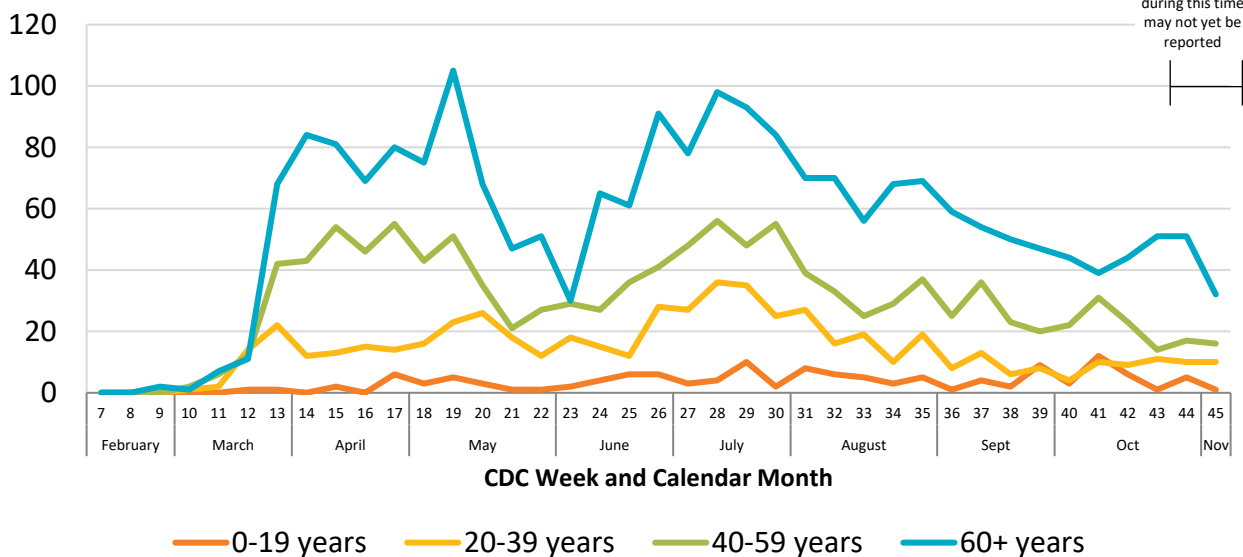
Illnesses that began during this time may not yet be reported



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

Figure 9. COVID-19 Hospitalizations by Age Group and Week of Hospital Admission, San Diego County Residents, N=4,049*

Hospitalizations during this time may not yet be reported



*Admit date and age are unknown for some hospitalizations.

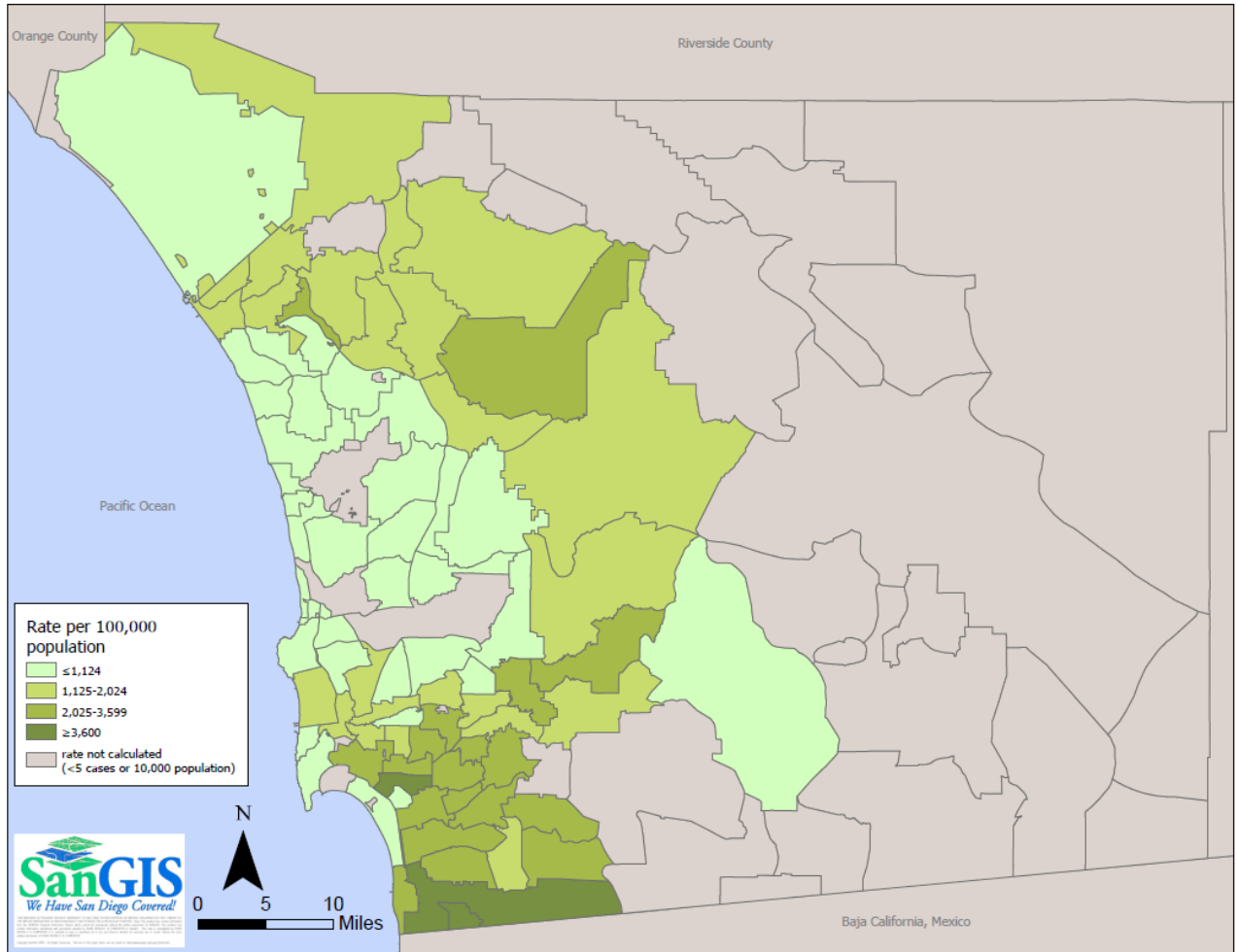


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Confirmed COVID-19 Cases by Geography

Figure 10. Cumulative COVID-19 Rates by Zip Code of Residence, San Diego County (Countywide Rate = 1,795 per 100,000 Population)



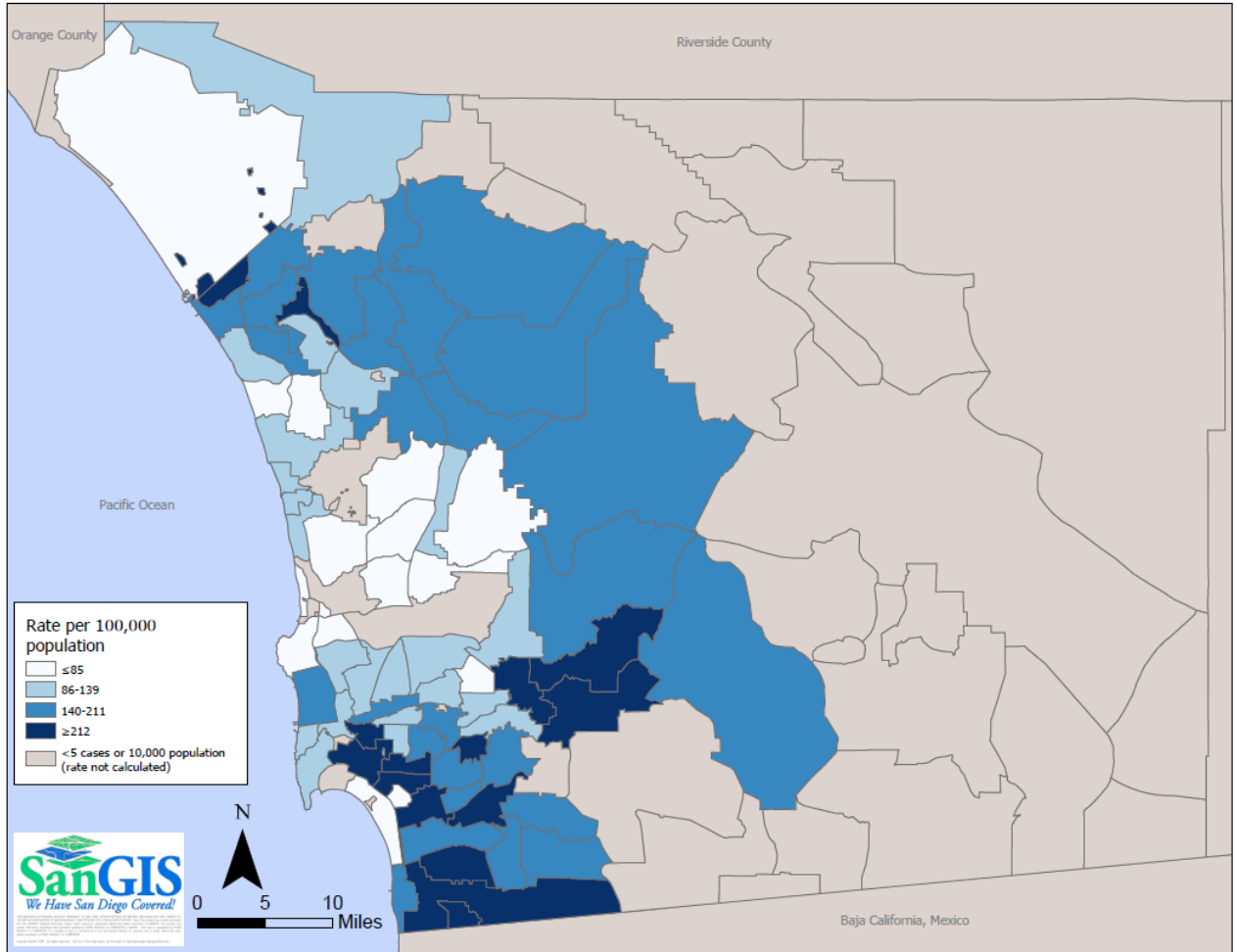
Rates calculated using 2019 population estimates from the San Diego Association of Governments. Rates not calculated for counts under 5 cases or populations less than 10,000. Zip code is zip code of residence, which may not be location of exposure. Case [counts and rates](#) for each zip code are updated routinely on the County of San Diego COVID-19 website.

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Confirmed COVID-19 Cases by Geography (continued)

Figure 11. COVID-19 Rates by Zip Code of Residence, 10/25/2020-11/07/2020, San Diego County (Countywide Rate = 166 per 100,000 Population)



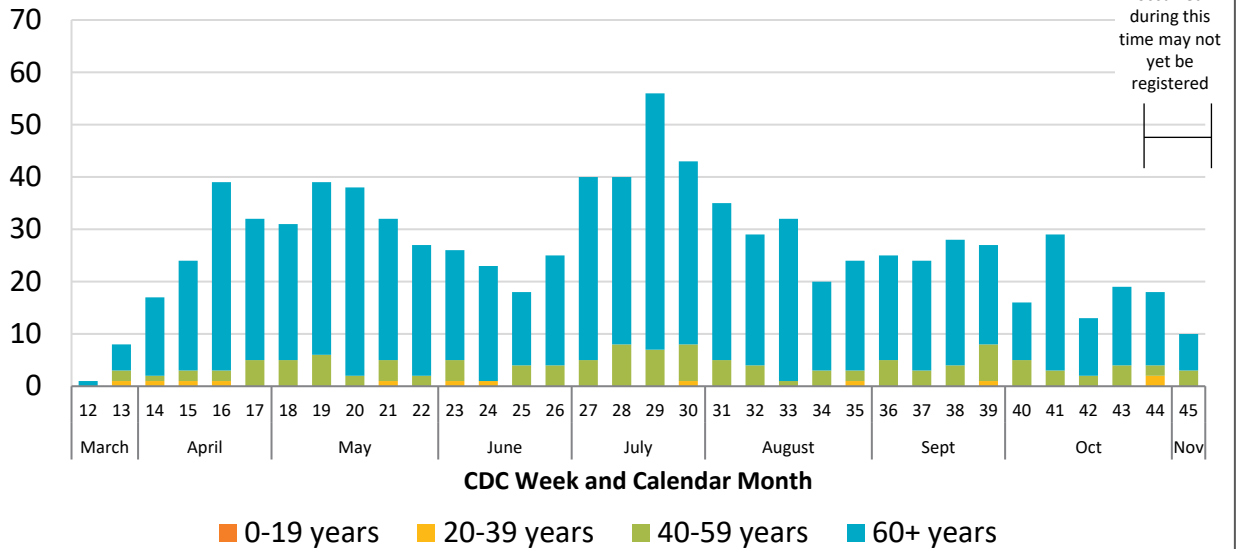
Rates calculated using 2019 population estimates from the San Diego Association of Governments. Rates not calculated for counts under 5 cases or populations less than 10,000. Zip code is zip code of residence, which may not be location of exposure. Case [counts and rates](#) for each zip code are updated routinely on the County of San Diego COVID-19 website.

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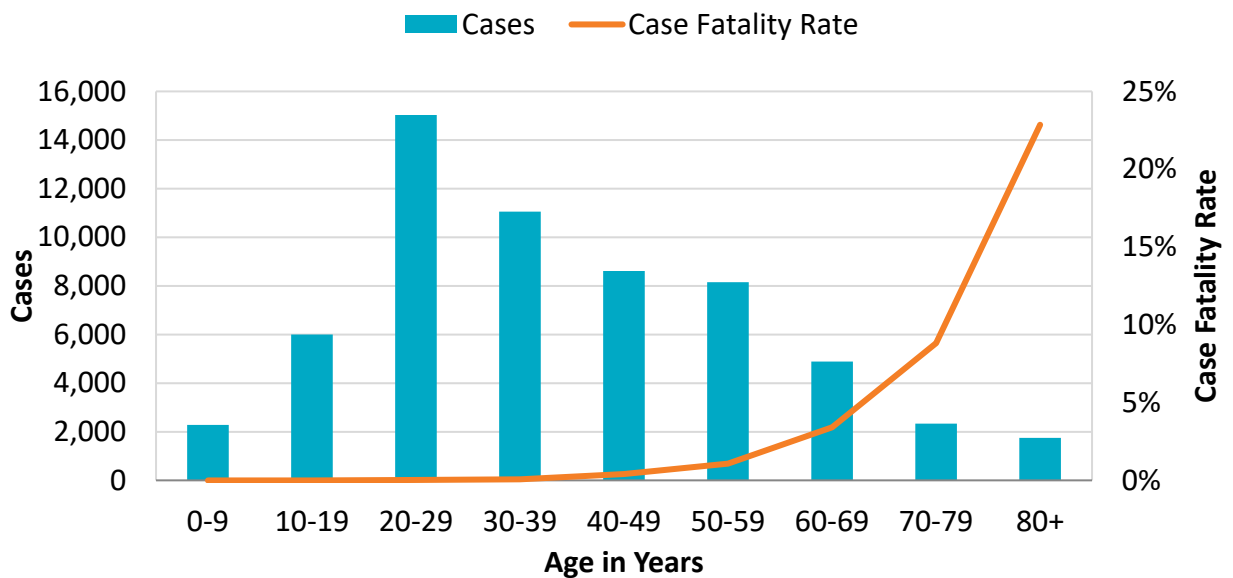
Data through week ending 11/7/2020

Summary of COVID-19-associated Deaths

**Figure 12. COVID-19 Deaths by Week of Death
San Diego County Residents, N=908**



**Figure 13. Confirmed COVID-19 Cases and Case Fatality Rate
San Diego County Residents**

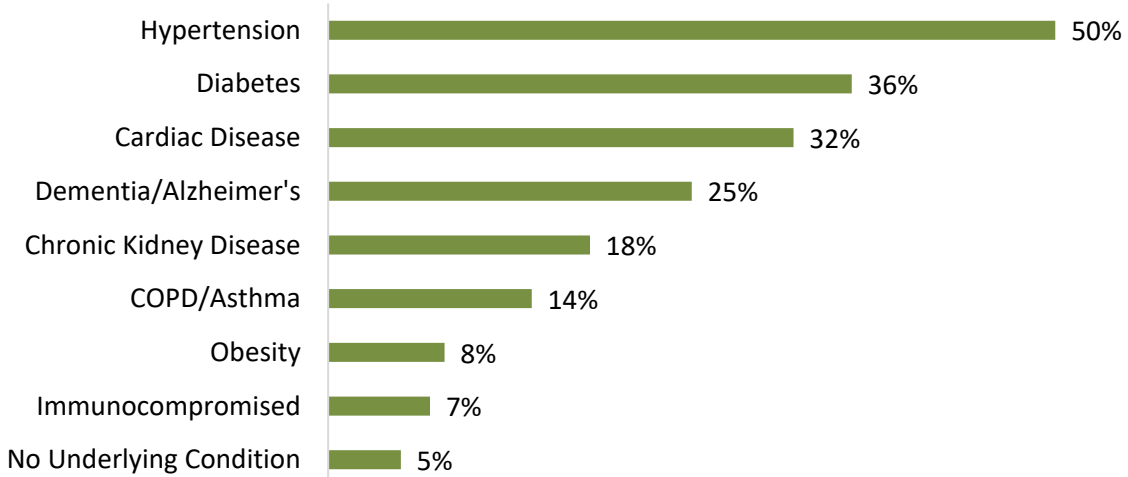


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Summary of COVID-19-associated Deaths (continued)

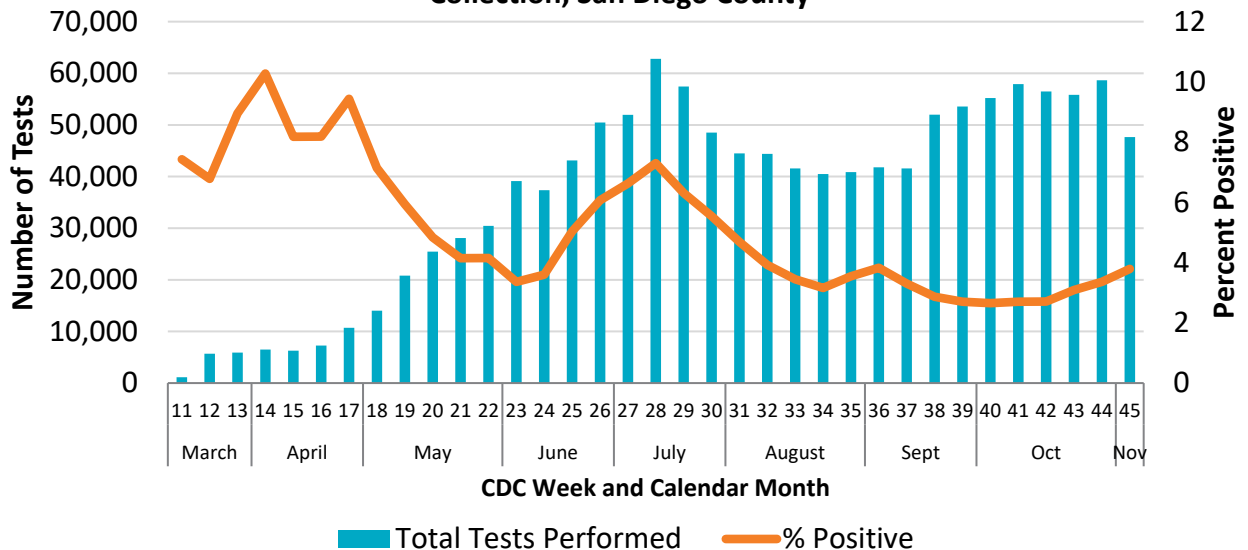
Figure 14. Common Underlying Conditions, COVID-associated Deaths



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 15. 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) and line lists. Excludes invalid, indeterminate, and unsatisfactory results.

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COVID-19 Potential Exposure Settings

Table 2. COVID-19 Potential Exposure Settings, San Diego County Residents

Confirmed COVID-19 Case Summary	Last 2 Weeks (10/25 – 11/7)		Cumulative (6/5 – 11/7)	
	Count	%	Count	%
Total Positives	5,576		51,930	
Number Interviewed	3,833		39,815	
Selected Characteristics among those with Completed Interviews	Count	%	Count	%
Potential Exposure Settings*				
At least one potential exposure setting	2,260	59.0%	21,680	54.5%
Bars and Restaurants	389	10.1%	3,666	9.2%
Beach	10	0.3%	216	0.5%
Casinos	20	0.5%	334	0.8%
Group Gathering	159	4.1%	1,720	4.3%
Gyms	18	0.5%	152	0.4%
Hair Salon or Barber	97	2.5%	989	2.5%
Places of Worship	118	3.1%	692	1.7%
Protest	0	0.0%	47	0.1%
Retail	308	8.0%	3,499	8.8%
Work	1,314	34.3%	12,289	30.9%
Other	158	4.1%	1,593	4.0%
No potential exposure setting reported	1,573	41.0%	18,135	45.5%
Average number of settings visited	1.8		1.7	
Range of settings visited	1-16		1-24	
Household Exposure**	1,311	34.2%	13,368	33.6%
Any Travel-related Exposure	814	21.2%	6,831	17.2%
Visited Mexico	328	8.6%	2,691	6.8%
Any Education-related Exposure	172	4.5%	1,245	3.1%
K-12 schools	97	2.5%	344	0.9%

*Potential exposure settings are defined as indoor or outdoor locations in which cases came within 6 feet of anyone who was not a household member for at least 15 minutes during the 2-14 days prior to symptom onset, even if the case wore a mask or facial covering. Potential exposure settings are places case-patients visited during their exposure period, not confirmed sources of infection. Persons may have visited more than one location.

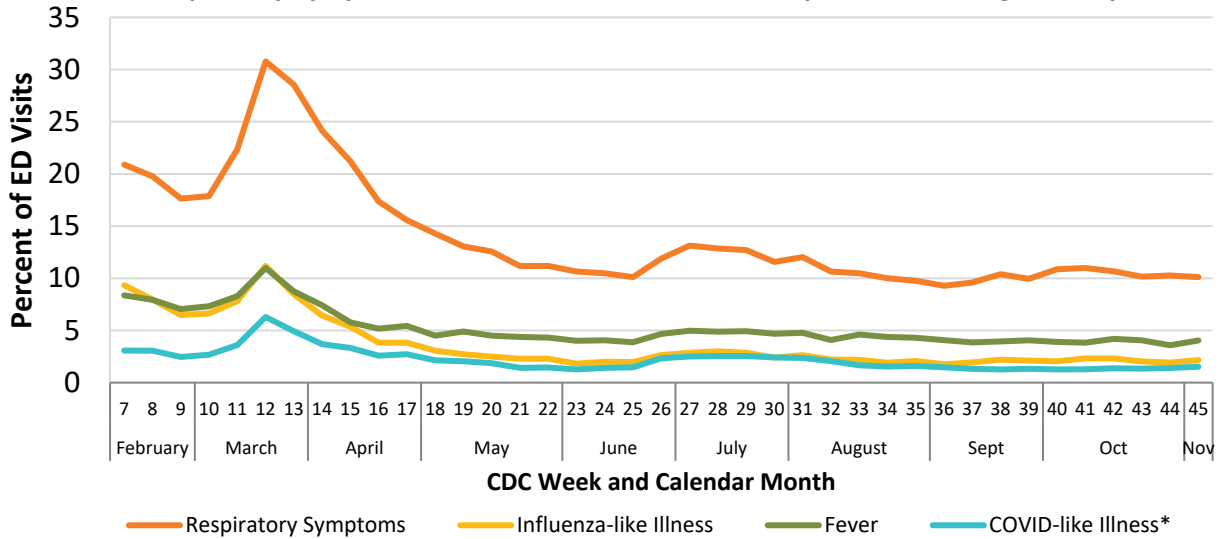
**Household exposures may have occurred outside the 2-14 days prior to symptom onset.

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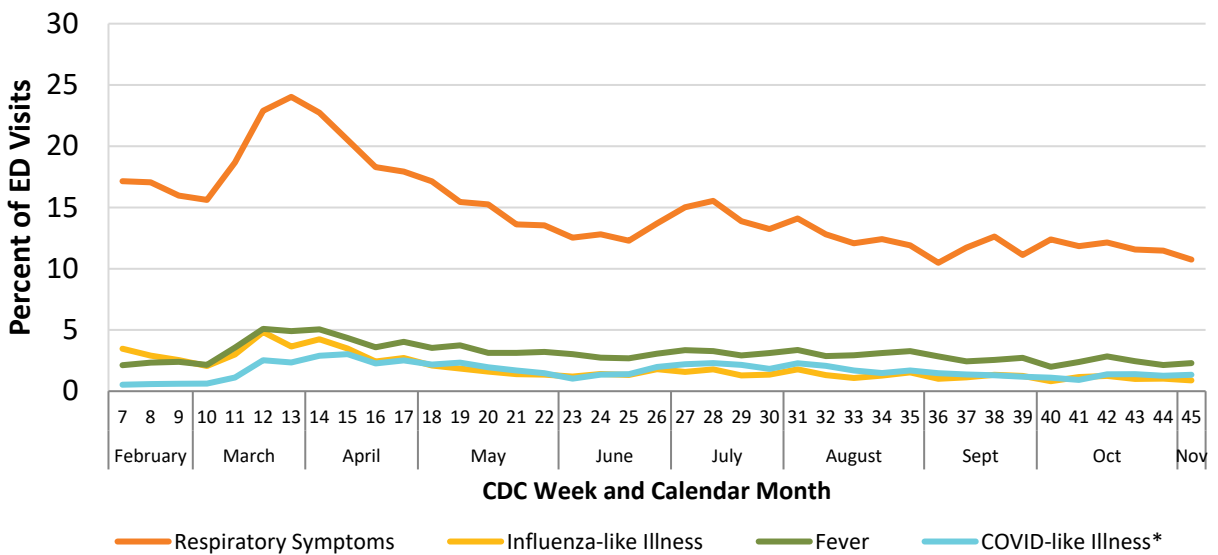
Emergency Department Data

Figure 16. 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 17. 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.