

COVID-19

Additional Epidemiology
Surveillance Update: COVID-19
Deaths
Fresno County, CA

-All reported numbers are preliminary and subject to change based on further investigation-

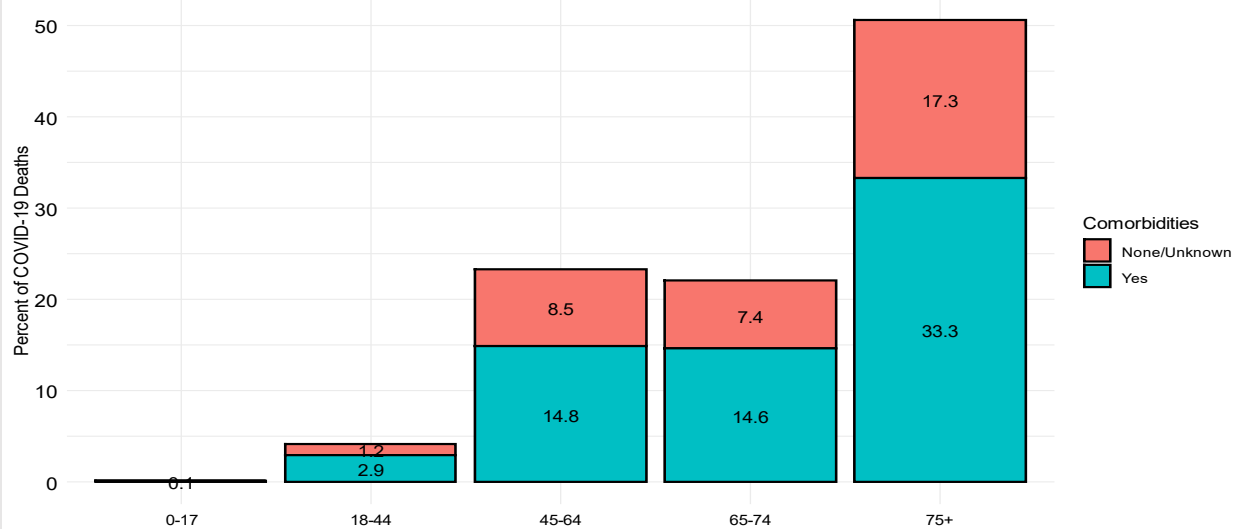
COVID-19 Deaths: Co-morbidities & Age

Table 1: Deaths in Confirmed COVID-19 Cases by Age and Co-morbidities² in Fresno County

AGE (years)	Number of deaths ¹	Number of deaths with known co-morbidities	Number of deaths without or with unknown co-morbidities	% of total COVID-19 deaths
0 - 17	1	1	0	0.1
18 - 44	34	24	10	4.1
45 - 64	195	124	71	23.3
65 - 74	184	122	62	22.0
75+	424	279	145	50.6
TOTAL	838	550	288	100.0

¹ This number represents deaths with a registered death certificate and in a confirmed COVID-19 cases. A confirmed COVID-19 cases requires detection of SARS-CoV-2 RNA in a clinical specimen using a molecular amplification detection test. ² Co-morbidities based on 'Other significant conditions contributing to death but not resulting in the underlying cause of death listed on death certificate or co-morbidities discovered during the case investigation and included in the CalREDIE database. It is possible that persons had co-morbidities that were not listed on the death certificate or in CalREDIE.

Figure 1: Percent of COVID-19 Deaths by Age Range and Co-morbidities in Fresno County



FCDPH Epidemiology Program.
Data Source: Vital Statistics Fresno County Public Health



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Table 2: COVID-19 Deaths¹ by Co-morbidity² in Fresno County, n=838

Comorbidity	Number	Percent of All COVID-19 Deaths (%)
Diabetes ³	264	31.5
Hypertension	258	30.8
Cardiovascular Disease (Excluding Hypertension)	199	23.7
Kidney Disease	123	14.7
Lung Disease	70	8.4
Asthma	40	4.8
Liver Disease	24	2.9
Immune Disease	n<10	.

¹ This number represents deaths with a registered death certificate and in a confirmed COVID-19 cases. A confirmed COVID-19 cases requires detection of SARS-CoV-2 RNA in a clinical specimen using a molecular amplification detection test. ² Based on 'Other significant conditions contributing to death but not resulting in the underlying cause of death' listed on death certificate or co-morbidities discovered during the case investigation and included in the CaLEDIE database. It is possible that other deaths had these co-morbidities and they were not discovered during the investigation. ³ Diabetes in CaLEDIE does not specify the type and type is not always included on death certificates.

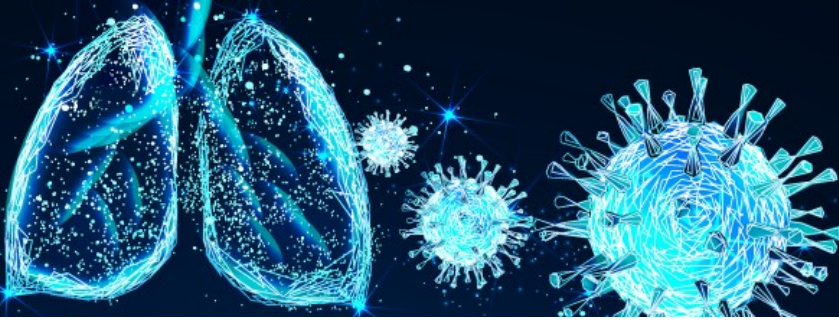
Deaths: Race/Ethnicity

Table 3: Deaths in Confirmed COVID-19 Cases by Race/Ethnicity and Co-morbidities in Fresno County

Race/Ethnicity ¹	Number of deaths ²	% of deaths with known co-morbidities ³	% of deaths over 64 years of age
Hispanic	453	68.7	63.1
Non-Hispanic White	265	64.5	89.4
Non-Hispanic Asian	70	57.1	70.0
Non-Hispanic Black	35	60.0	74.3
Other/Unknown ⁴	15		
Total	838	65.6	72.6

¹ Based on Race/Ethnicity listed on death certificate and/or CaLEDIE. ² This number represents deaths with a registered death certificate and in a confirmed COVID-19 cases. A confirmed COVID-19 cases requires detection of SARS-CoV-2 RNA in a clinical specimen using a molecular amplification detection test. ³ Co-morbidities based on 'Other significant conditions contributing to death but not resulting in the underlying cause of death' listed on death certificate or co-morbidities discovered during the case investigation and included in the CaLEDIE database. ⁴ Other/Unknown includes deaths with unknown Race/Ethnicity or Race/Ethnicity groups with ≤10deaths.





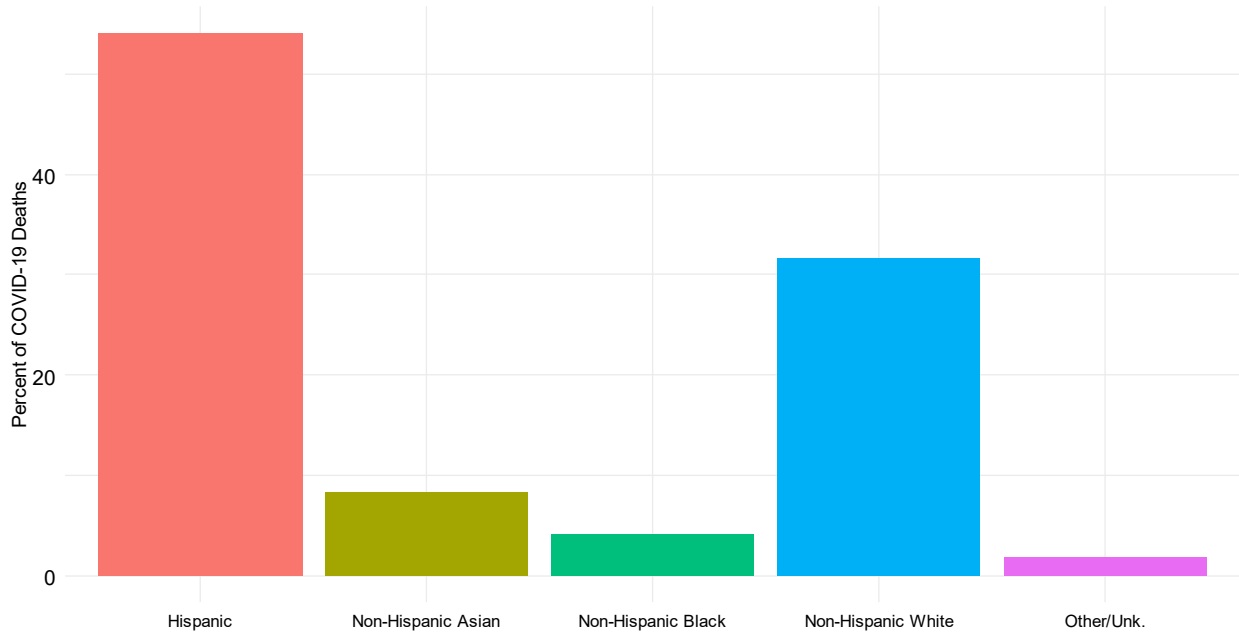
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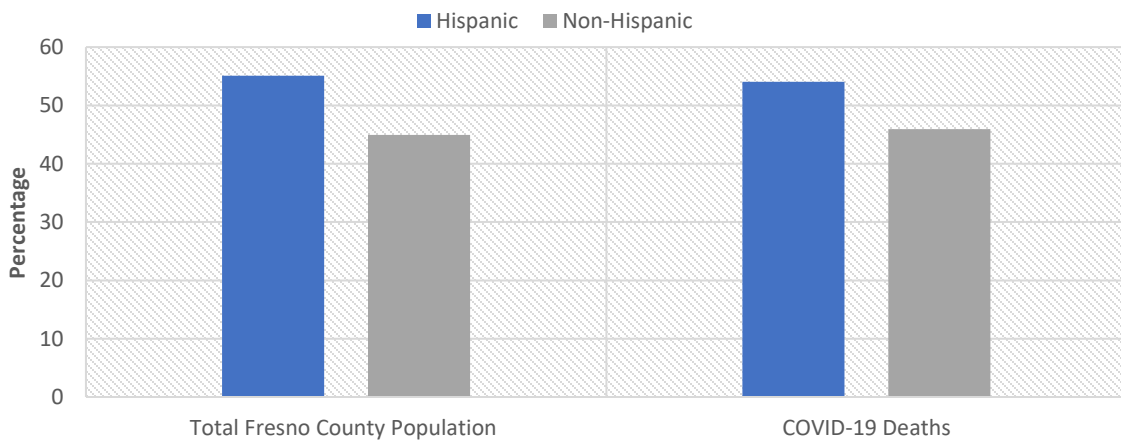
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Figure 2: Percent of COVID-19 Deaths by Race/Ethnicity in Fresno County



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Data Source: Vital Statistics Fresno County Public Health

Figure 3: Percentage of Confirmed COVID-19 Deaths vs Percentage of Total Population



Total Fresno County Population based on Demographic data at Healthy Fresno County Data.Org



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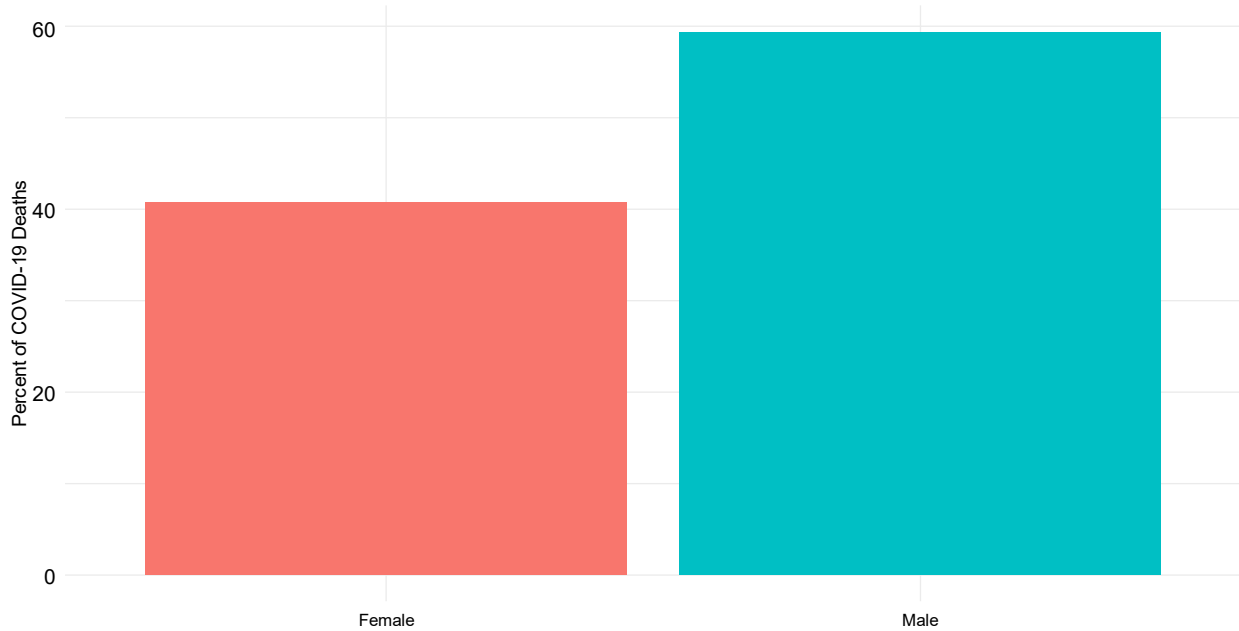
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COVID-19 Deaths: Sex

Sex ²	Number of deaths ¹	% of deaths over 64 years of age	Case Fatality Rate ³
Female	341	81.5	1.1
Male	497	66.4	1.6
Total	838	72.6	1.3

¹ This number represents deaths with a registered death certificate and in a confirmed COVID-19 cases. A confirmed COVID-19 cases requires detection of SARS-CoV-2 RNA in a clinical specimen using a molecular amplification detection test. ² Based on Sex listed on death certificate. ³ Case Fatality Rate= Number of known COVID-19 Confirmed Registered Deaths in Sex divided by Number of known COVID-19 Confirmed Cases in Sex multiplied by 100.

Figure 4: Percent of COVID-19 Deaths by Sex in Fresno County



FCDPH Epidemiology Program.
Data Source: Vital Statistics Fresno County Public Health

