

# NEW MEXICO COVID-19 MORTALITY UPDATE

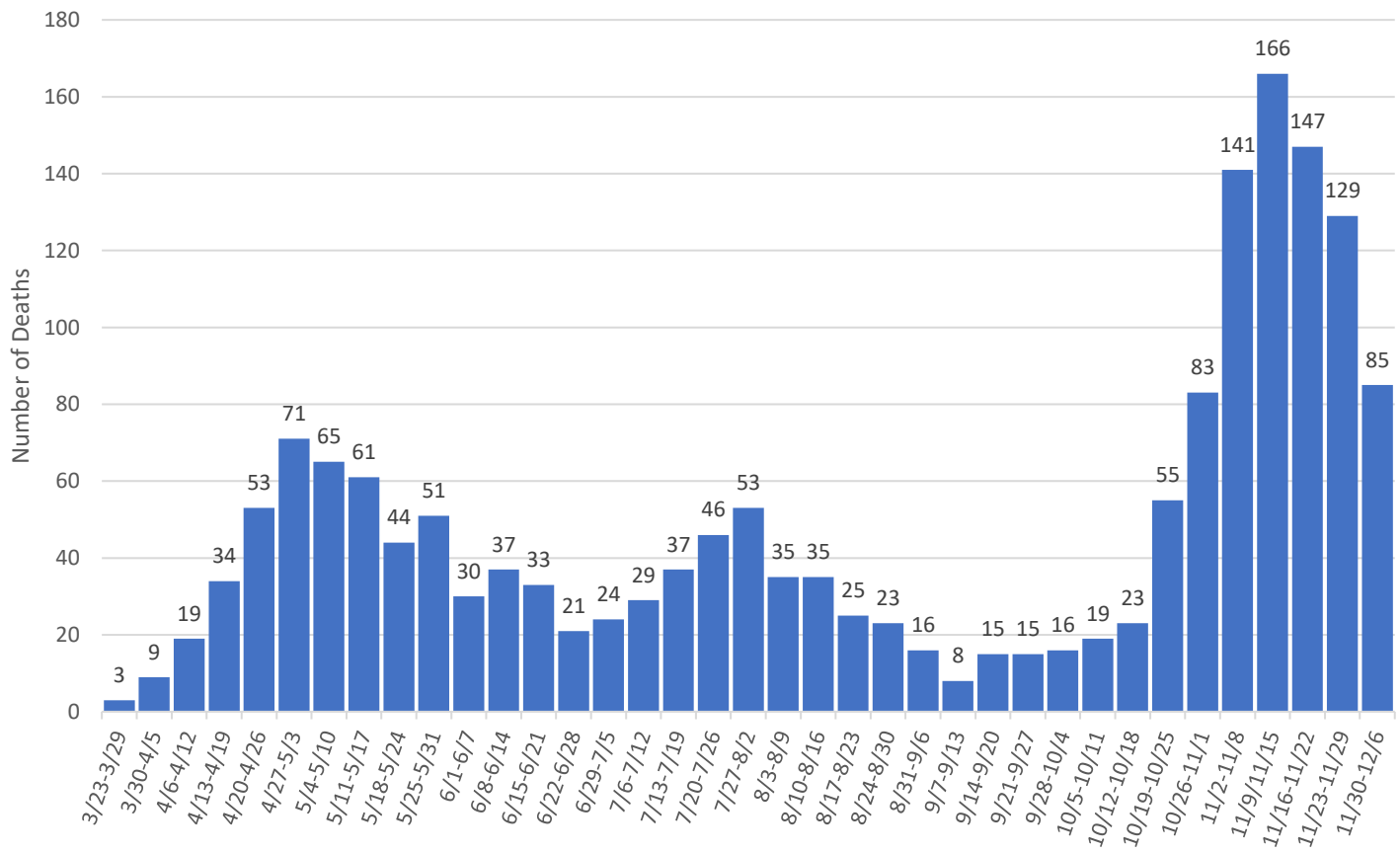
December 7<sup>th</sup> 2020

All data reported here exclude cases who live out-of-state.

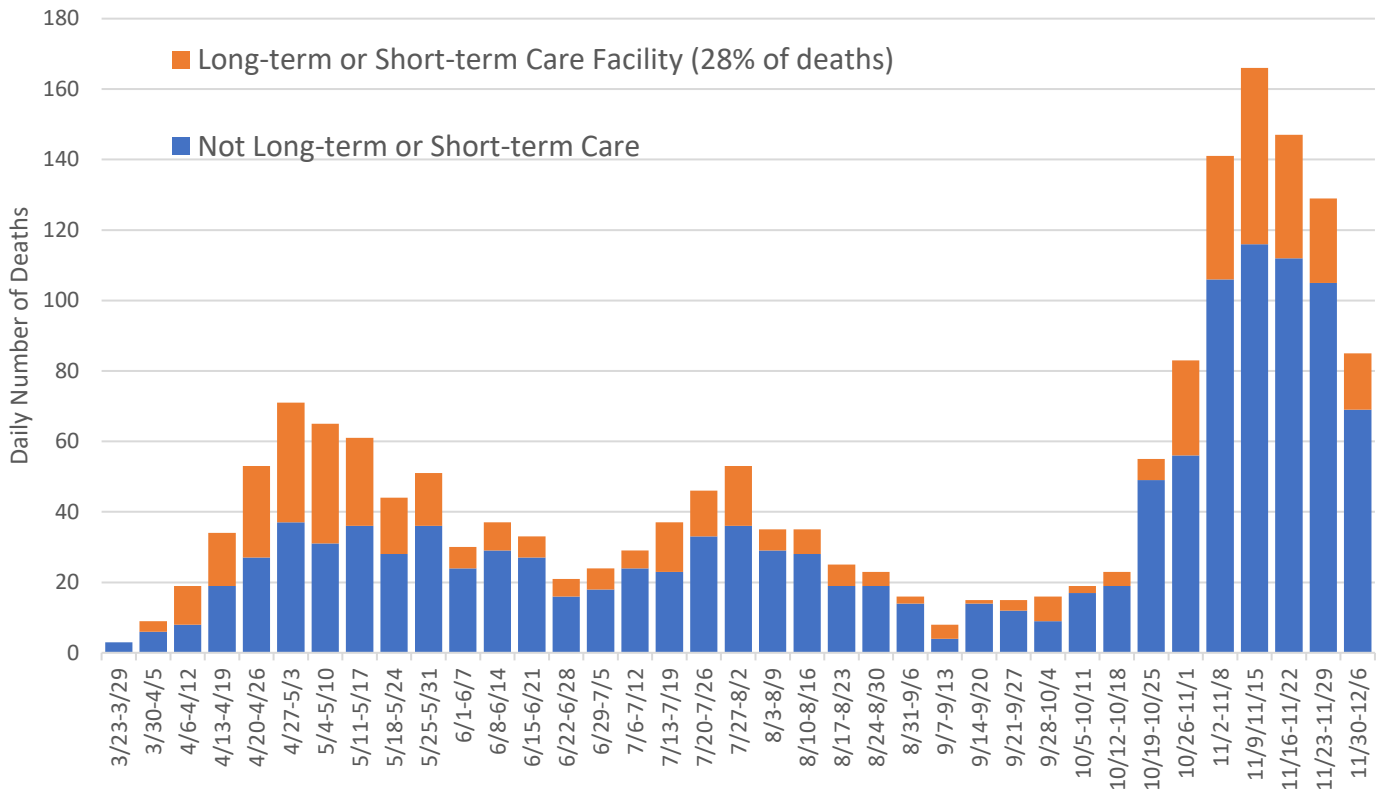
Total Deaths	Deaths in the Last 14 Days
1,756	214

## SECTION 1: DEATH COUNTS

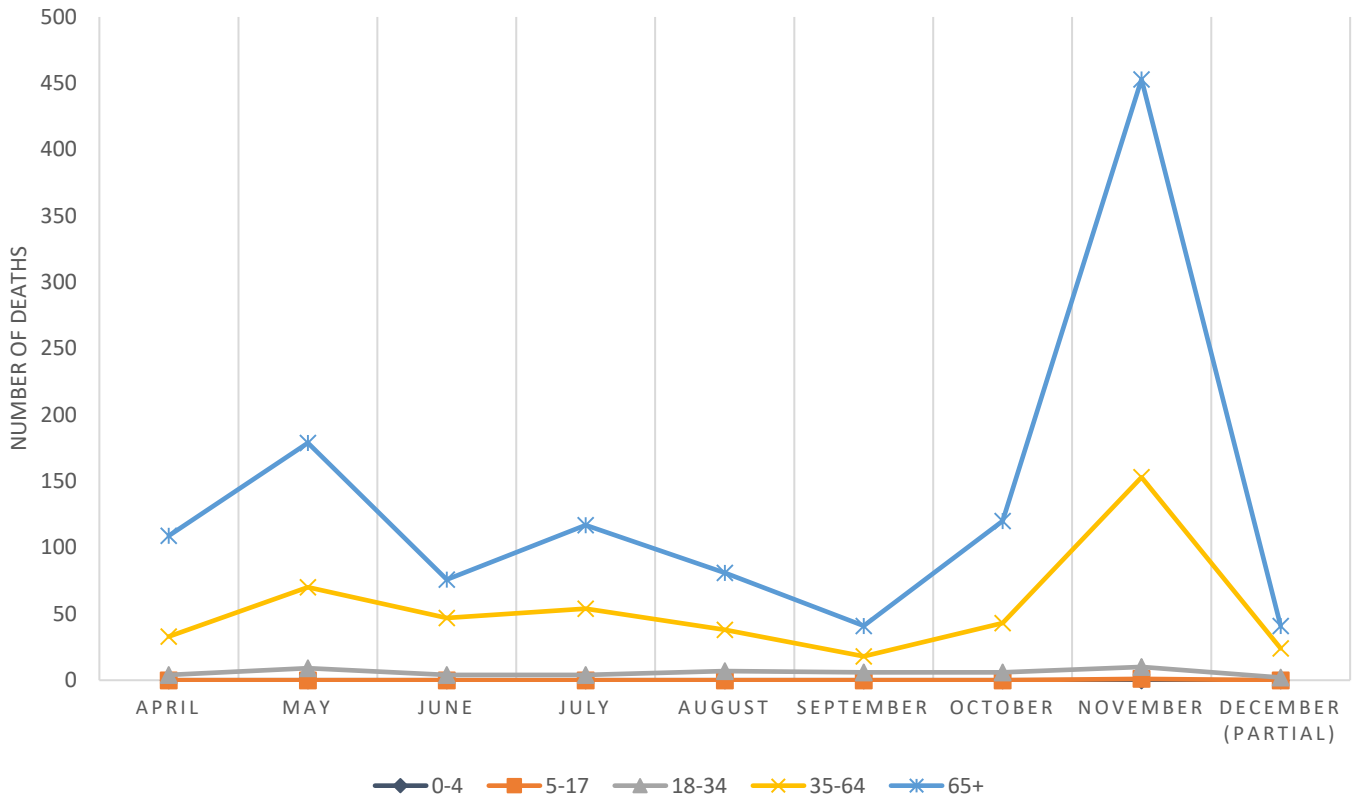
### Number of Deaths Each Week



## Number of Deaths Each Week by Long- and Short-term Care Facility Residence

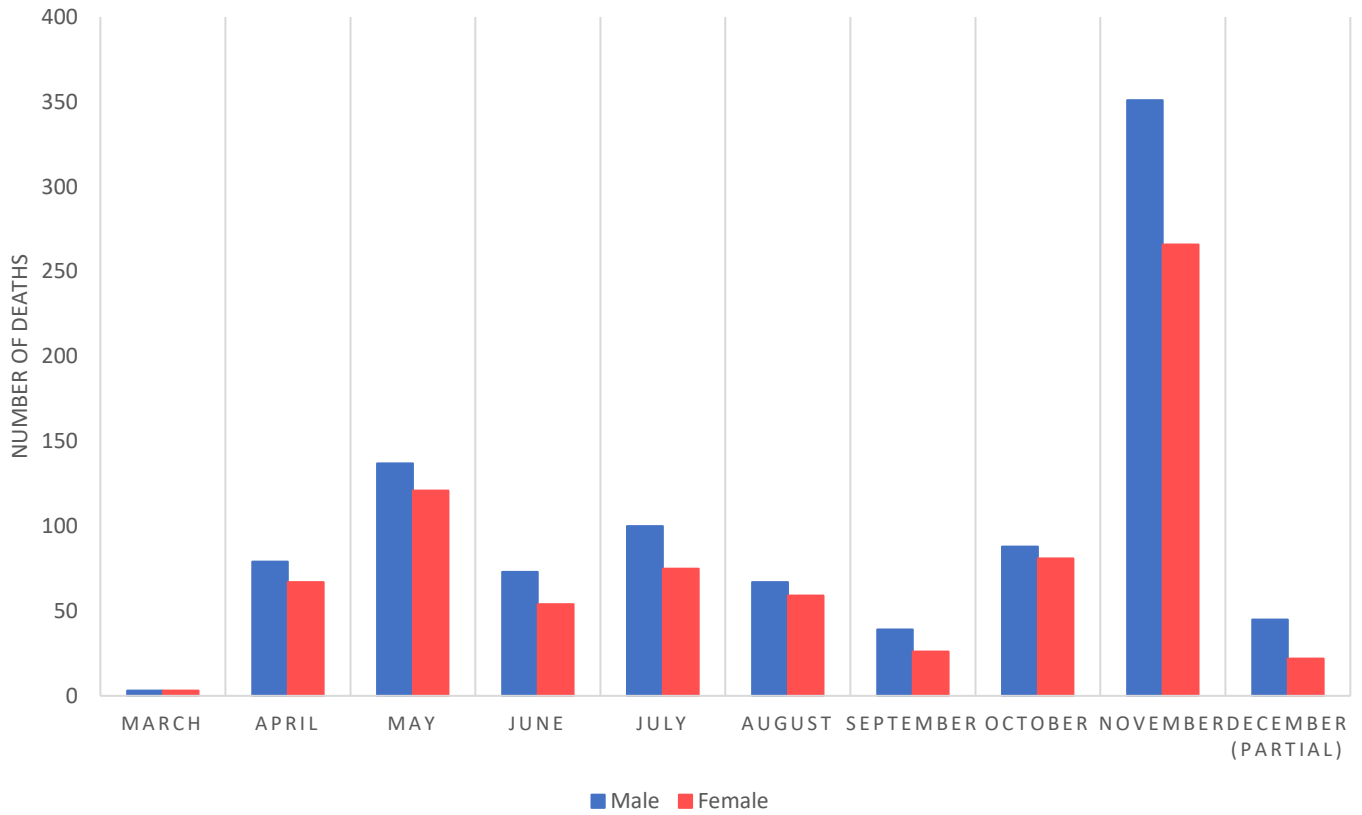


## Number of Deaths by Age Group Each Month



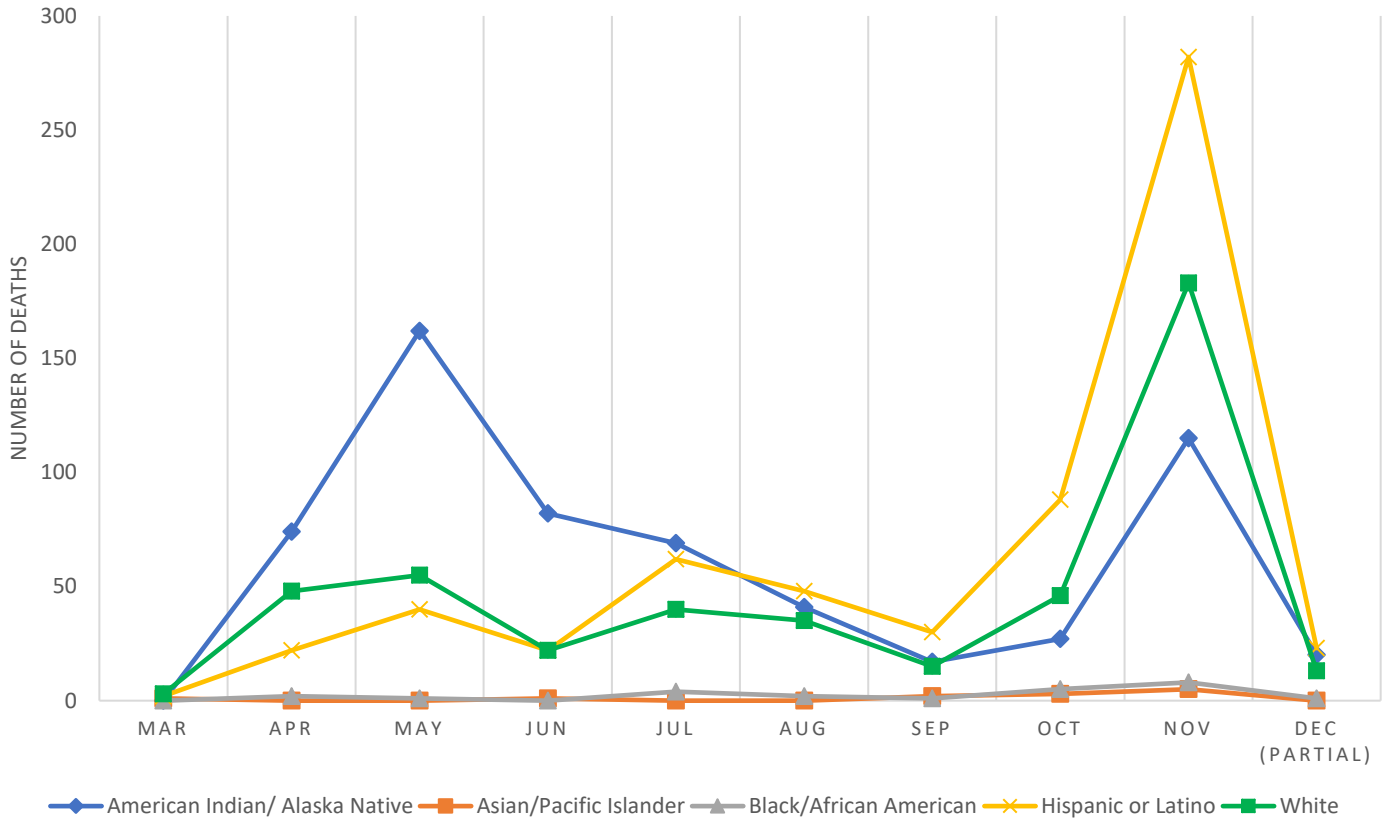
Age Group (years)	March	April	May	June	July	August	September	October	November	December (partial)	Total
<b>0-4</b>	0	0	0	0	0	0	0	0	0	0	0
<b>5-17</b>	0	0	0	0	0	0	0	0	1	0	1
<b>18-34</b>	0	4	9	4	4	7	6	6	10	2	52
<b>35-64</b>	1	33	70	47	54	38	18	43	153	24	481
<b>65+</b>	5	109	179	76	117	81	41	120	453	41	1222
<b>Total</b>	6	146	258	127	175	126	65	169	617	67	1756

## Number of Deaths by Gender Each Month



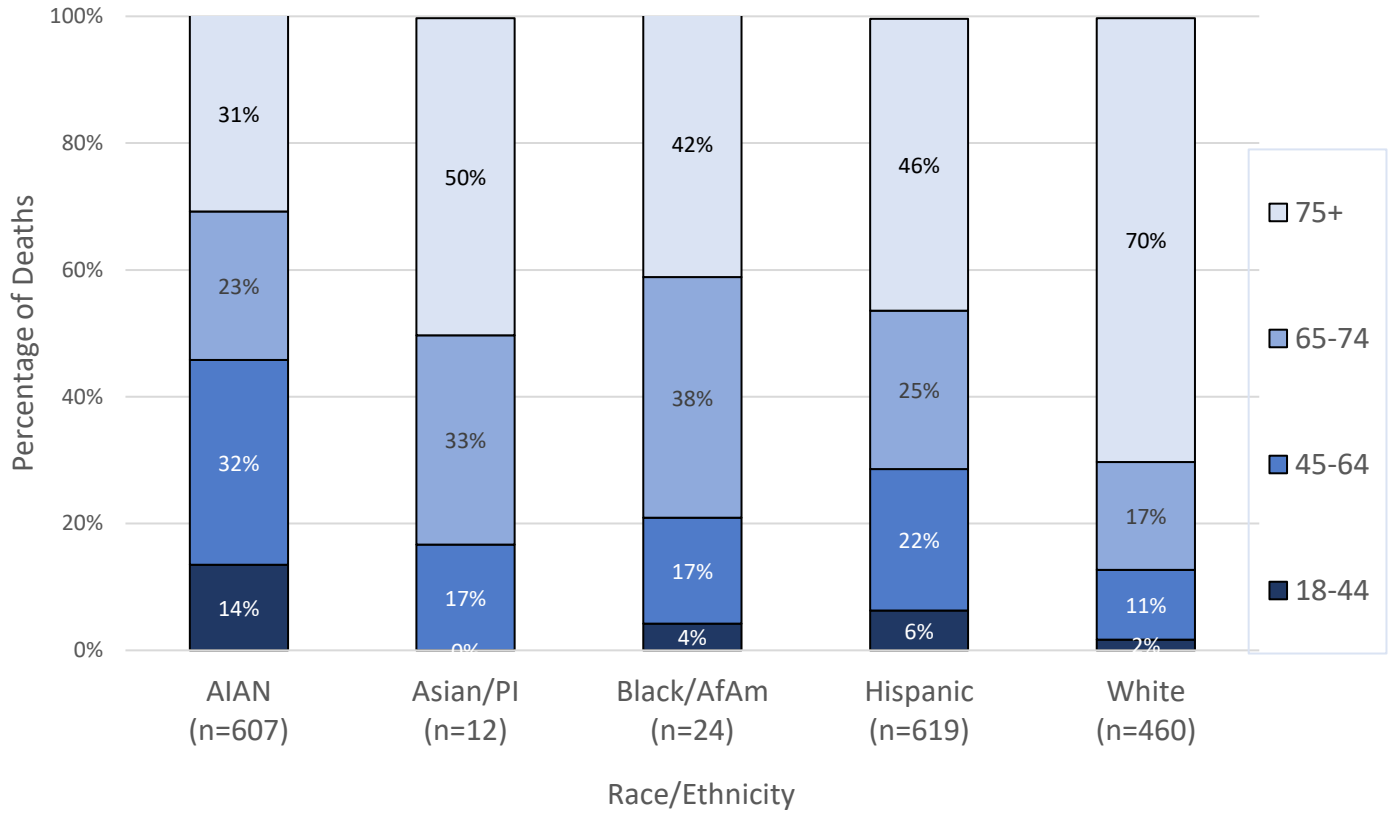
Gender	March	April	May	June	July	August	September	October	November	December (partial)	Total
<b>Male</b>	3	79	137	73	100	67	39	88	351	45	982
<b>Female</b>	3	67	121	54	75	59	26	81	266	22	774
<b>Total</b>	6	146	258	127	175	126	65	169	617	67	1756

## Number of Deaths by Race/Ethnicity Each Month

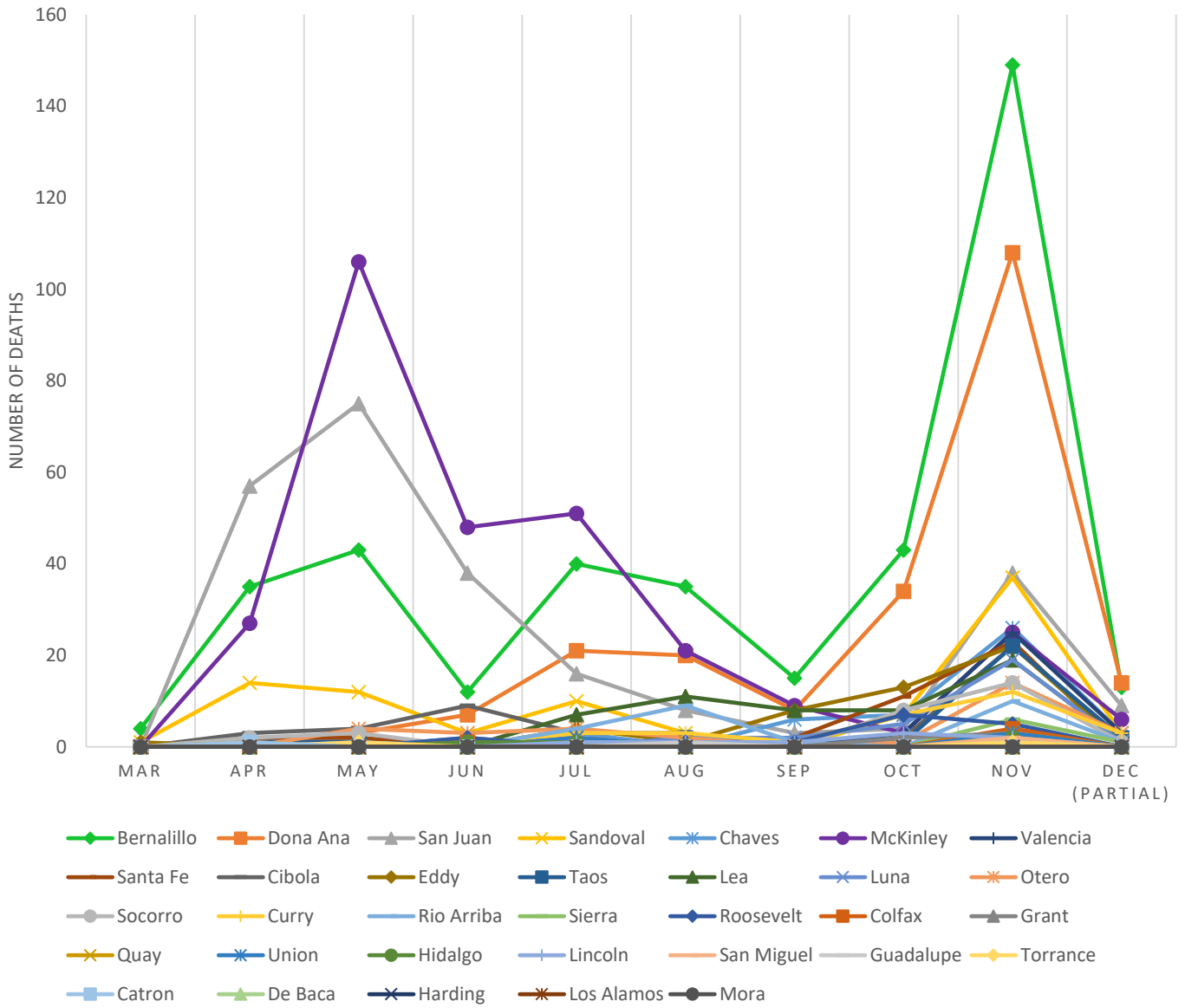


Race/Ethnicity	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec (partial)	Total
<b>American Indian/ Alaska Native</b>	0	74	162	82	69	41	17	27	115	20	607
<b>Asian/Pacific Islander</b>	1	0	0	1	0	0	2	3	5	0	12
<b>Black/African American</b>	0	2	1	0	4	2	1	5	8	1	24
<b>Hispanic or Latino</b>	2	22	40	22	62	48	30	88	282	23	619
<b>White</b>	3	48	55	22	40	35	15	46	183	13	460
<b>Unknown</b>	0	0	0	0	0	0	0	0	24	10	34
<b>Total</b>	<b>6</b>	<b>146</b>	<b>258</b>	<b>127</b>	<b>175</b>	<b>126</b>	<b>65</b>	<b>169</b>	<b>617</b>	<b>67</b>	<b>1756</b>

## Percentage of Deaths by Race/Ethnicity and Age Group



## Number of deaths by New Mexico County of residence each month

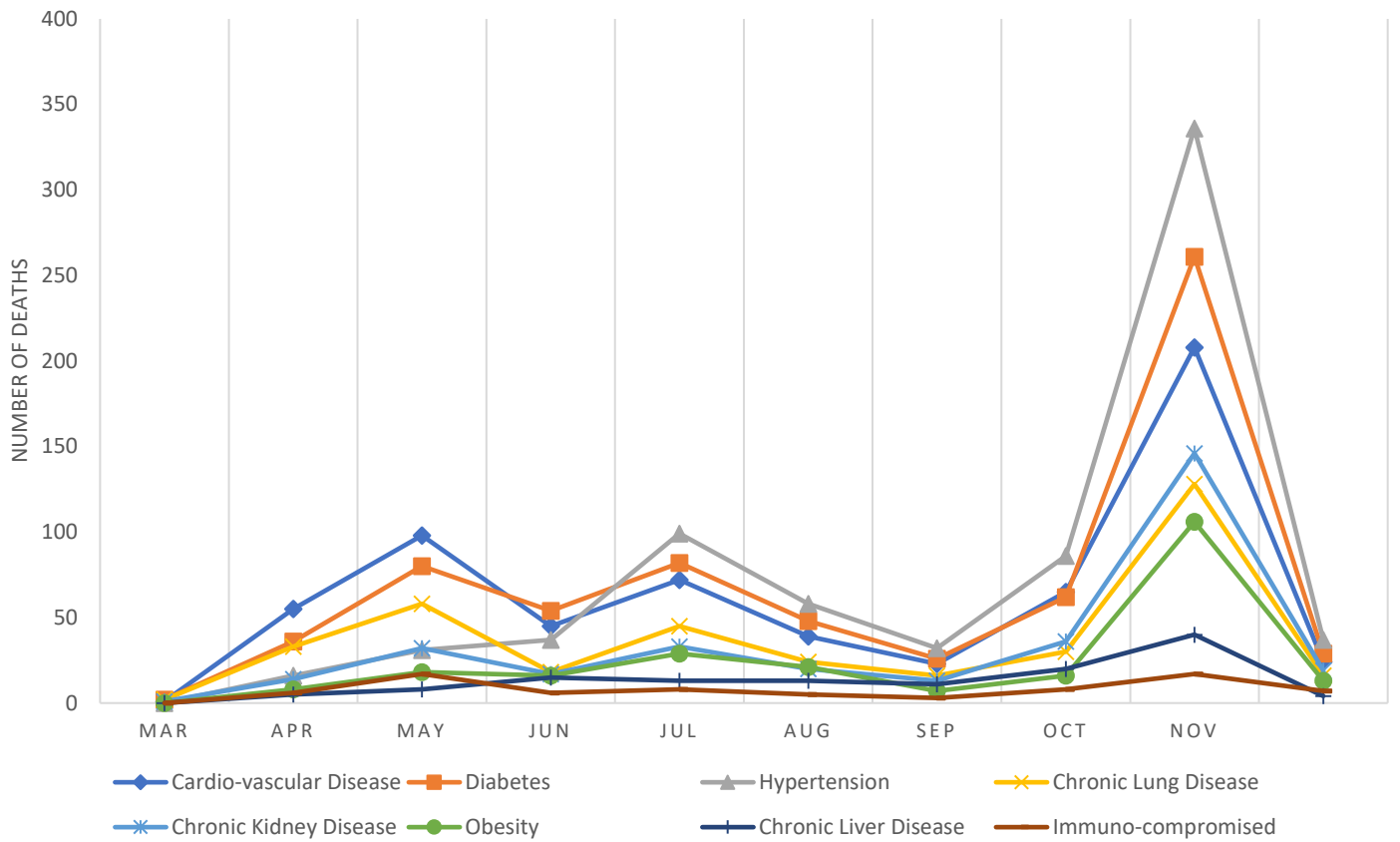


**Number of deaths by New Mexico County of residence each month - continued**

<b>County of Residence</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec (partial)</b>	<b>Total</b>
<b>Bernalillo</b>	4	35	43	12	40	35	15	43	149	13	389
<b>Dona Ana</b>	0	1	3	7	21	20	8	34	108	14	216
<b>San Juan</b>	0	57	75	38	16	8	3	4	38	9	248
<b>Sandoval</b>	1	14	12	3	10	3	0	7	37	3	90
<b>Chaves</b>	0	1	2	0	3	0	6	7	26	3	48
<b>McKinley</b>	0	27	106	48	51	21	9	3	25	6	296
<b>Valencia</b>	0	0	1	0	2	0	0	3	25	3	34
<b>Santa Fe</b>	0	2	2	0	0	1	2	11	23	0	41
<b>Cibola</b>	0	3	4	9	3	3	0	2	22	2	48
<b>Eddy</b>	1	0	0	0	4	1	8	13	22	1	50
<b>Taos</b>	0	1	1	0	0	2	0	1	22	2	29
<b>Lea</b>	0	0	0	0	7	11	8	8	19	1	54
<b>Luna</b>	0	1	0	2	0	2	2	5	19	1	32
<b>Otero</b>	0	0	4	3	4	2	0	1	14	3	31
<b>Socorro</b>	0	2	3	0	1	0	0	8	14	1	29
<b>Curry</b>	0	0	0	0	3	3	1	7	12	3	29
<b>Rio Arriba</b>	0	0	1	0	4	9	1	0	10	1	26
<b>Sierra</b>	0	0	0	1	0	1	0	0	6	1	9
<b>Roosevelt</b>	0	0	0	2	0	1	1	7	5	0	16
<b>Colfax</b>	0	0	0	1	0	0	0	0	4	0	5
<b>Grant</b>	0	0	0	0	2	0	0	2	3	0	7
<b>Quay</b>	0	1	0	0	0	1	0	0	3	0	5
<b>Union</b>	0	0	0	0	2	0	0	0	3	0	5
<b>Hidalgo</b>	0	0	0	1	1	0	0	0	2	0	4
<b>Lincoln</b>	0	0	0	0	1	1	1	3	2	0	8
<b>San Miguel</b>	0	0	0	0	0	0	0	0	2	0	2
<b>Guadalupe</b>	0	0	0	0	0	1	0	0	1	0	2
<b>Torrance</b>	0	0	1	0	0	0	0	0	1	0	2
<b>Catron</b>	0	1	0	0	0	0	0	0	0	0	1
<b>De Baca</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Harding</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Los Alamos</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Mora</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	6	146	258	127	175	126	65	169	617	67	1756

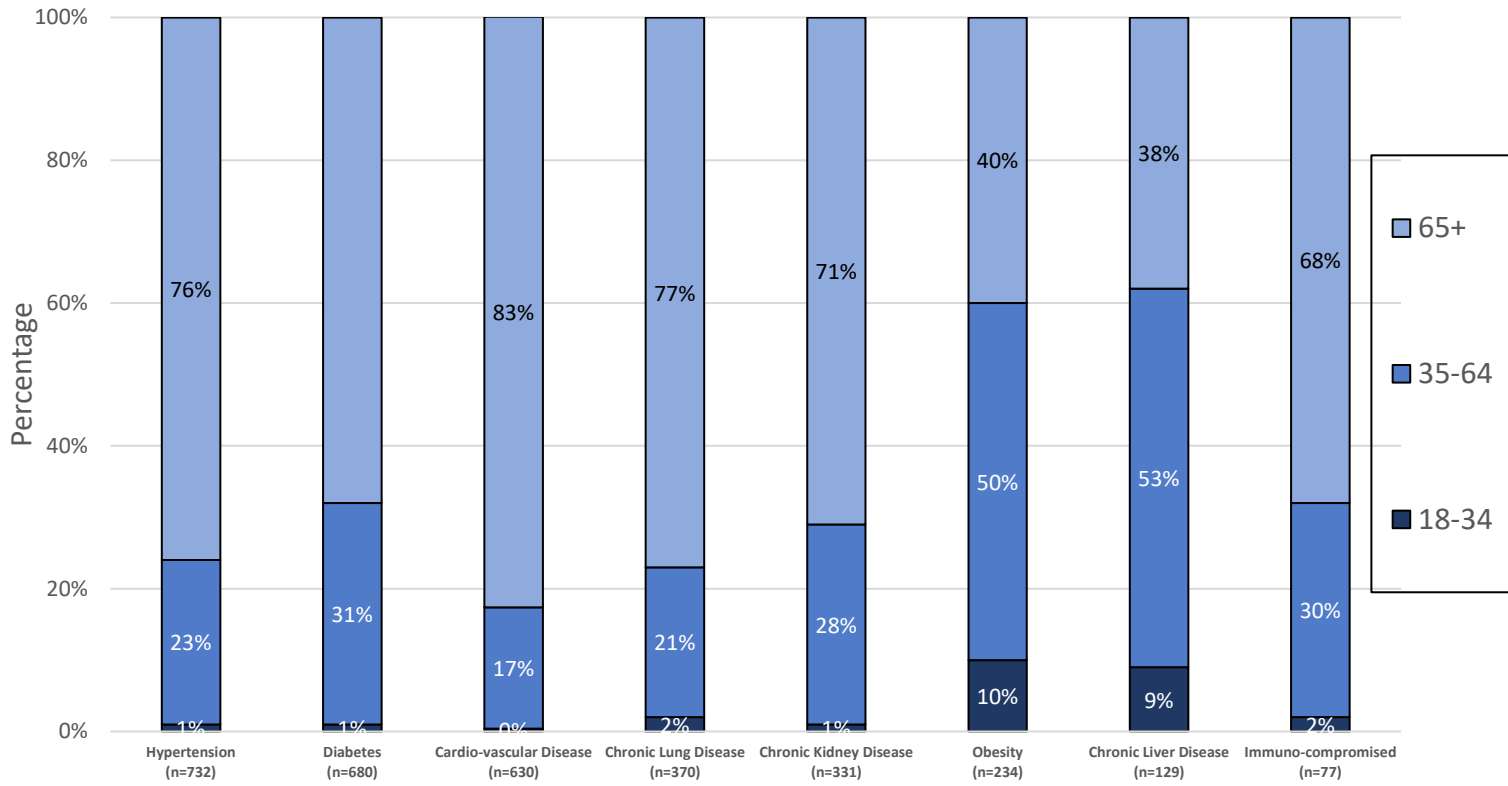


## Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec (partial)	Total
<b>Hypertension</b>	0	16	31	37	99	58	32	86	336	37	732
<b>Diabetes</b>	2	36	80	54	82	48	26	62	261	29	680
<b>Cardio-vascular Disease</b>	1	55	98	45	72	39	23	65	208	24	630
<b>Chronic Lung Disease</b>	2	33	58	18	45	24	16	30	128	16	370
<b>Chronic Kidney Disease</b>	1	14	32	17	33	20	13	36	146	19	331
<b>Obesity</b>	0	8	18	16	29	21	7	16	106	13	234
<b>Chronic Liver Disease</b>	0	5	8	15	13	13	11	20	40	4	129
<b>Immuno-compromised</b>	0	6	17	6	8	5	3	8	17	7	77

## Percent of Deaths with Each Underlying Condition by Age Group

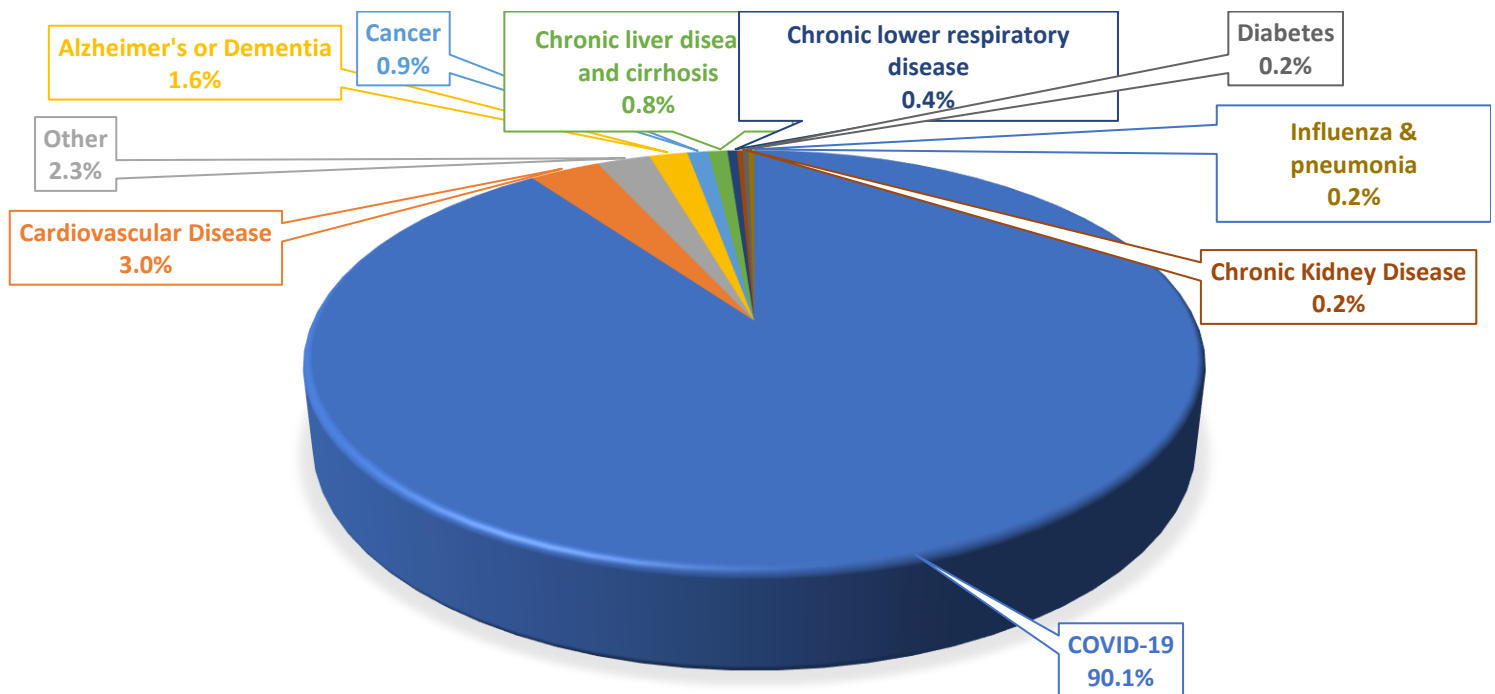


### Number and percent of deaths by Test Positivity and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	1363	77.6%
Yes	No	57	3.2%
Yes	Pending	307	17.5%
No	Yes	29	1.7%
<b>Total</b>		<b>1756</b>	<b>100.0%</b>

\* Positive RT-PCR or Rapid Test

### Number and percent of deaths by underlying cause of death on the death certificate

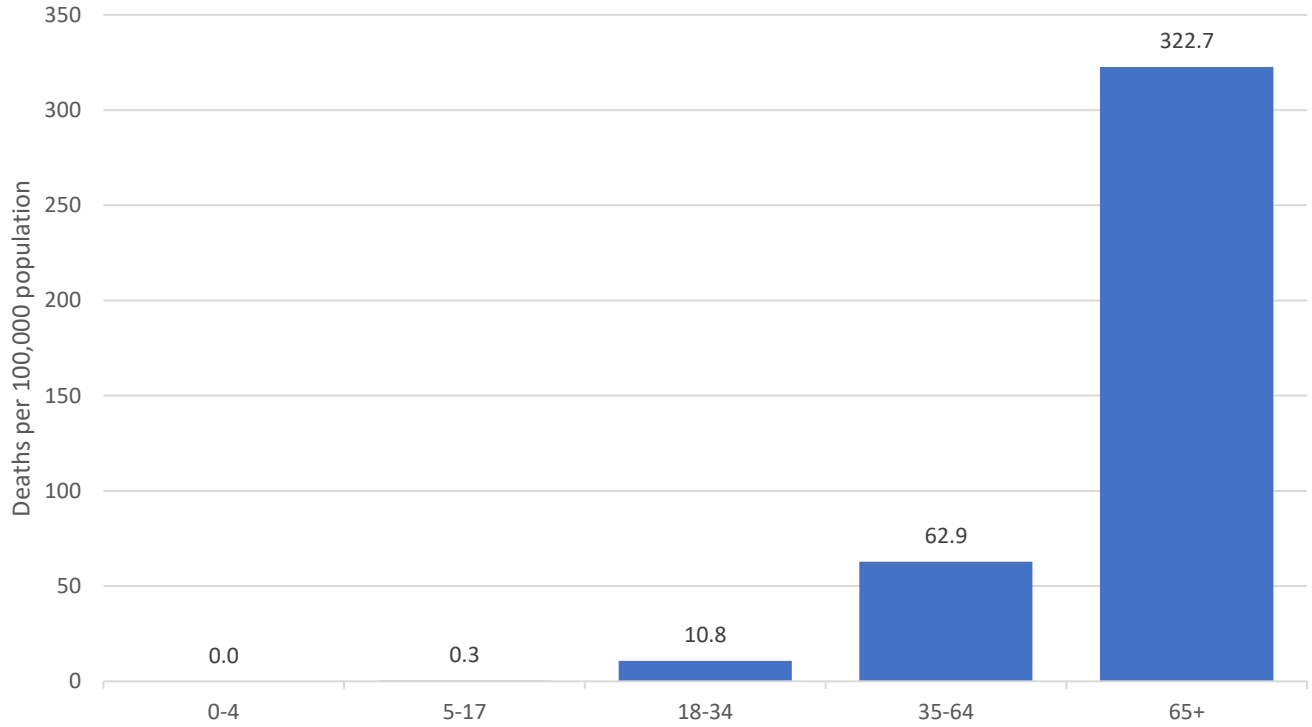


Underlying Cause	Number of Deaths*	Percent
COVID-19	1094	90%
Cardiovascular Disease	37	3%
Other	28	2%
Alzheimer's or Dementia	20	2%
Cancer	11	1%
Chronic liver disease and cirrhosis	10	1%
Chronic lower respiratory disease	5	0%
Chronic Kidney Disease	3	0%
Diabetes	3	0%
Influenza & pneumonia	3	0%
<b>Total</b>	<b>1214</b>	<b>100%</b>

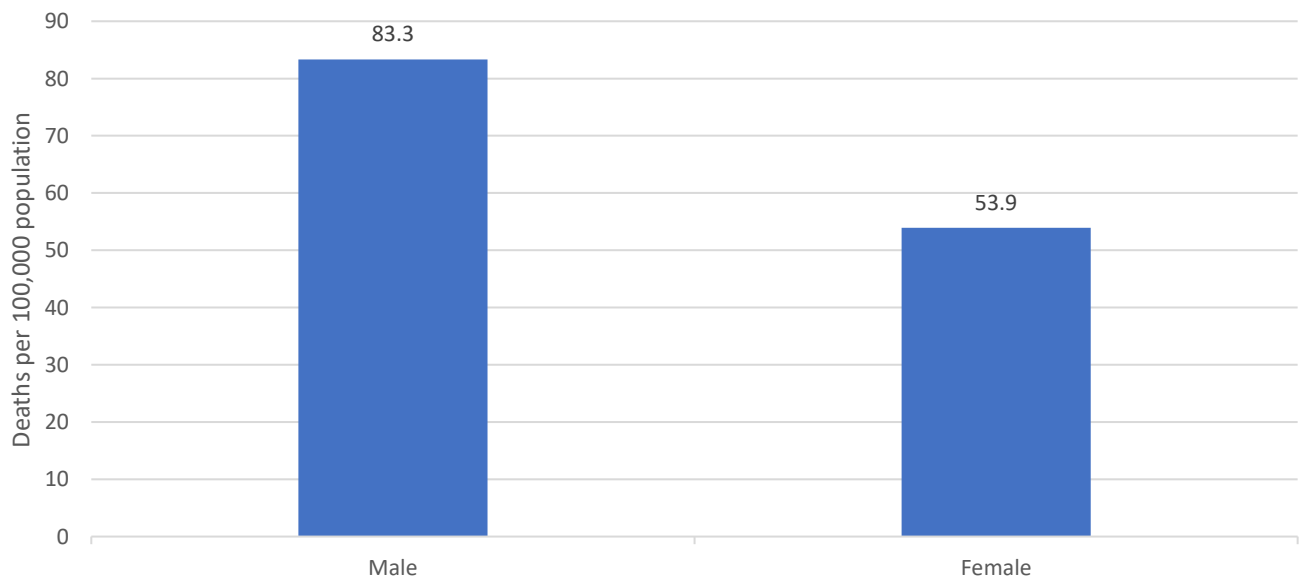
\*Excludes 542 (31%) deaths which have not yet been coded by the National Center for Health Statistics.

## SECTION 2: MORTALITY RATES

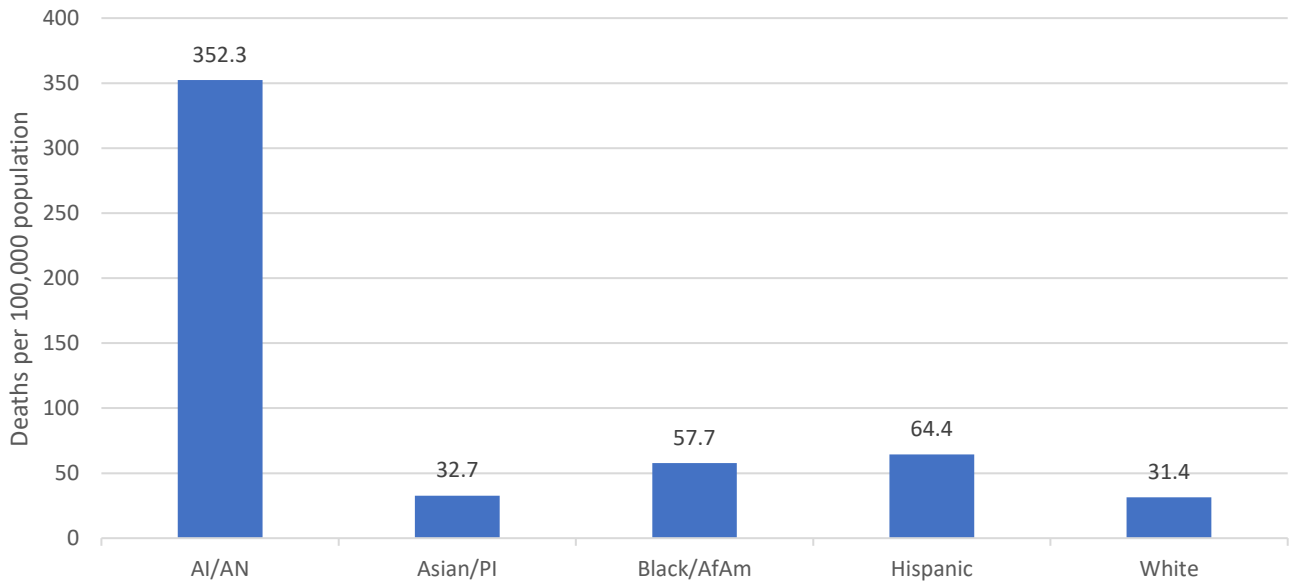
### Mortality Rate per 100,000 Population by Age Group



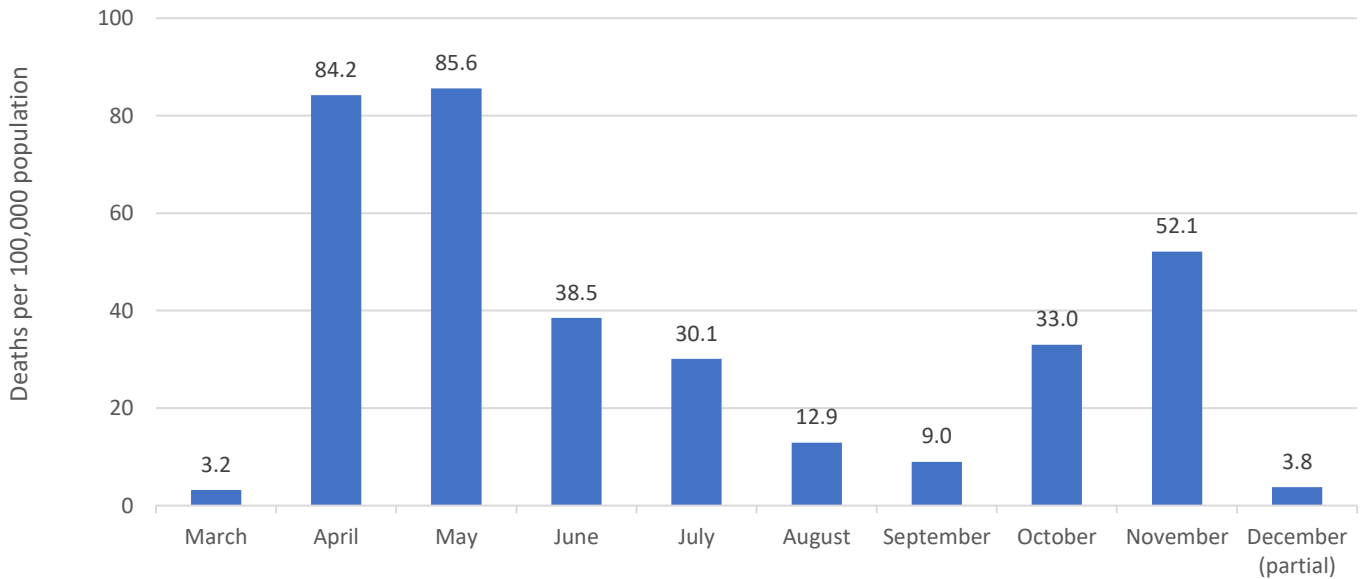
### Age-adjusted Mortality Rate per 100,000 Population by Gender



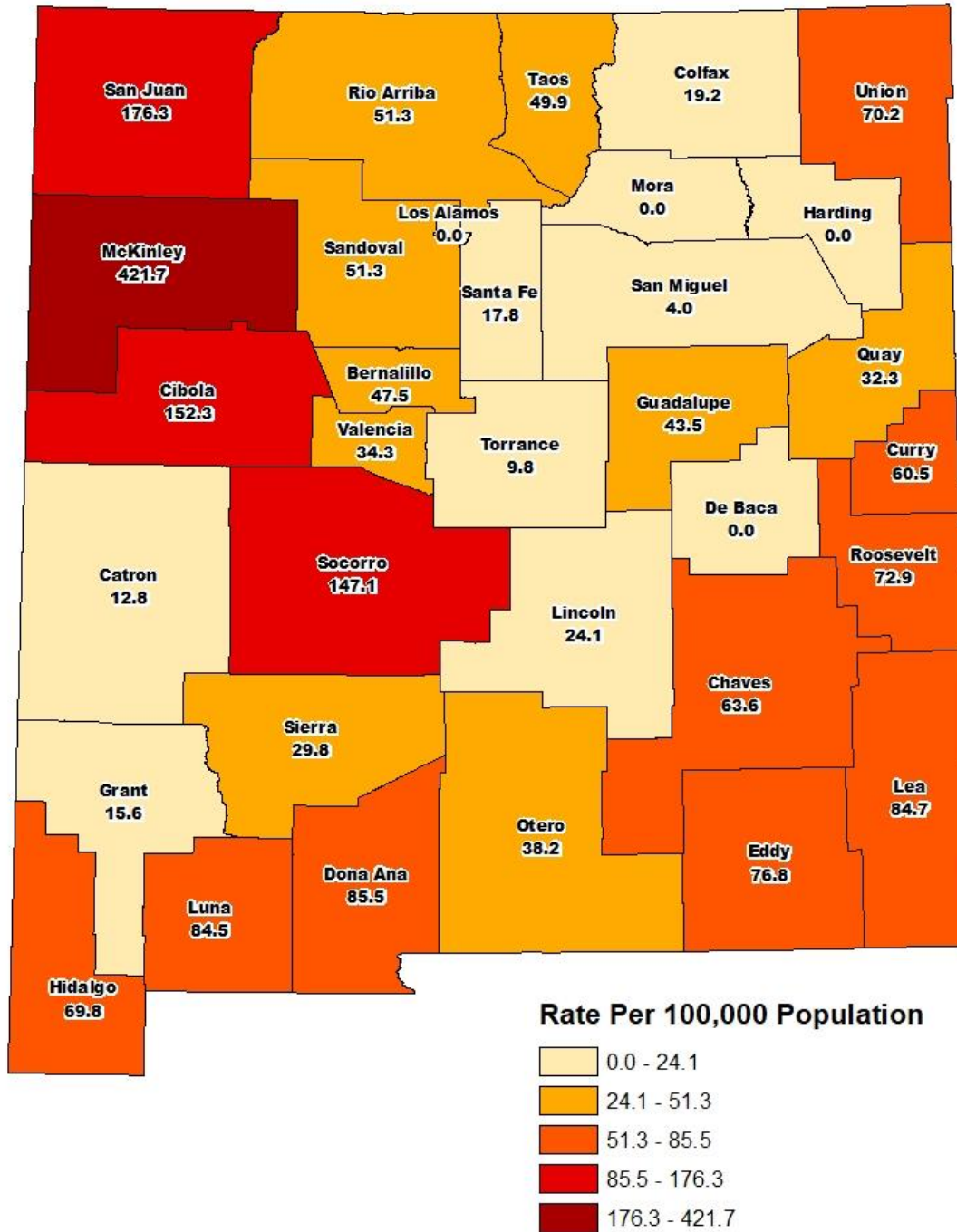
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



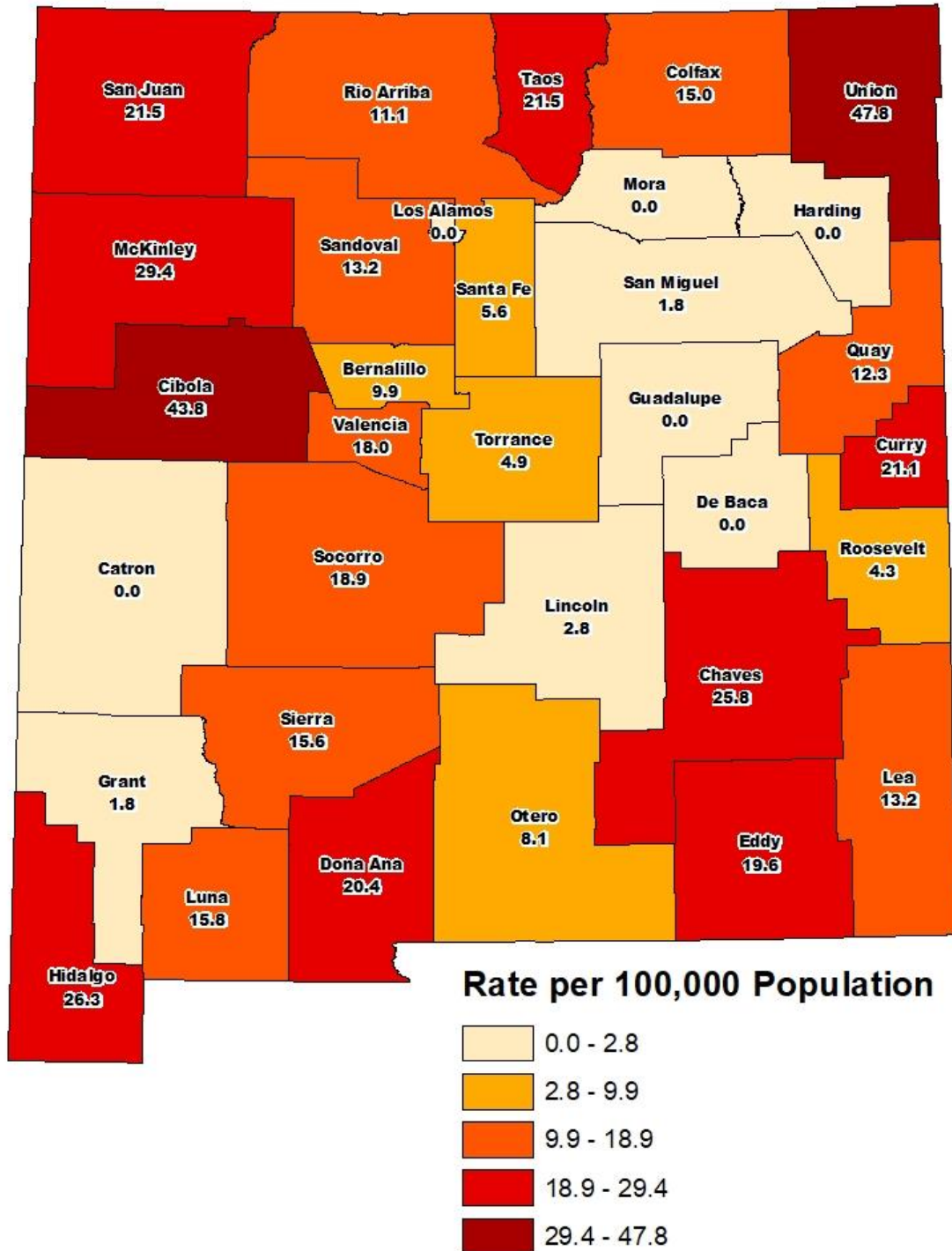
### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test



# Age-adjusted Mortality Rate per 100,000 Population by New Mexico County

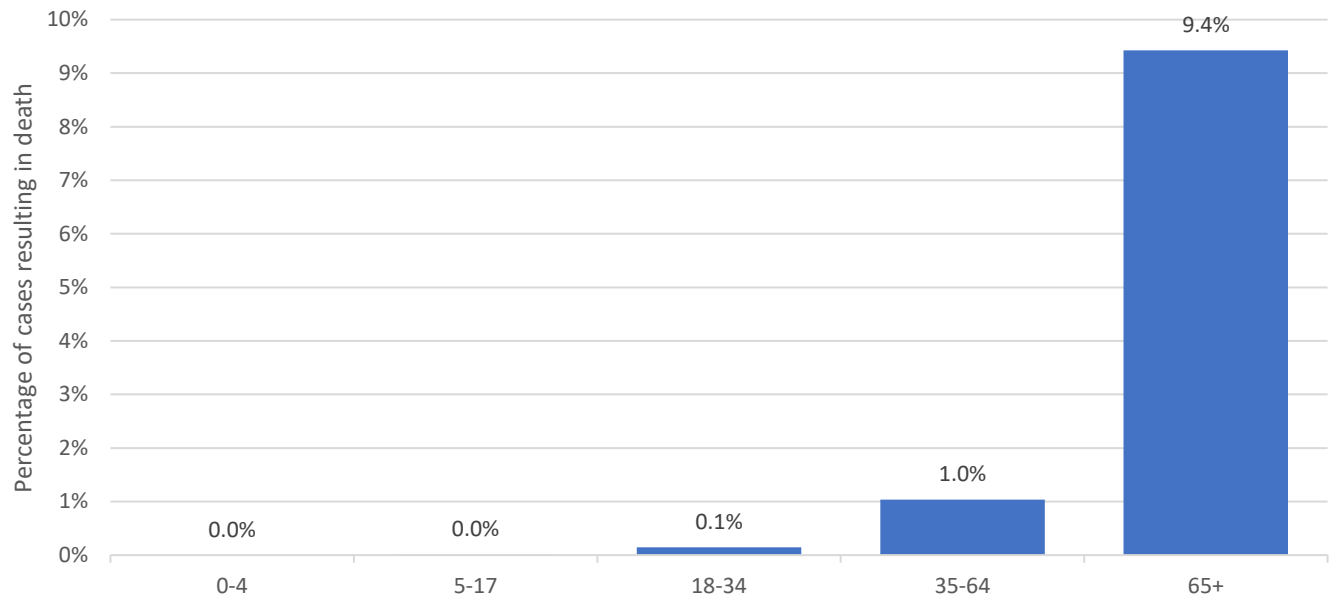


Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

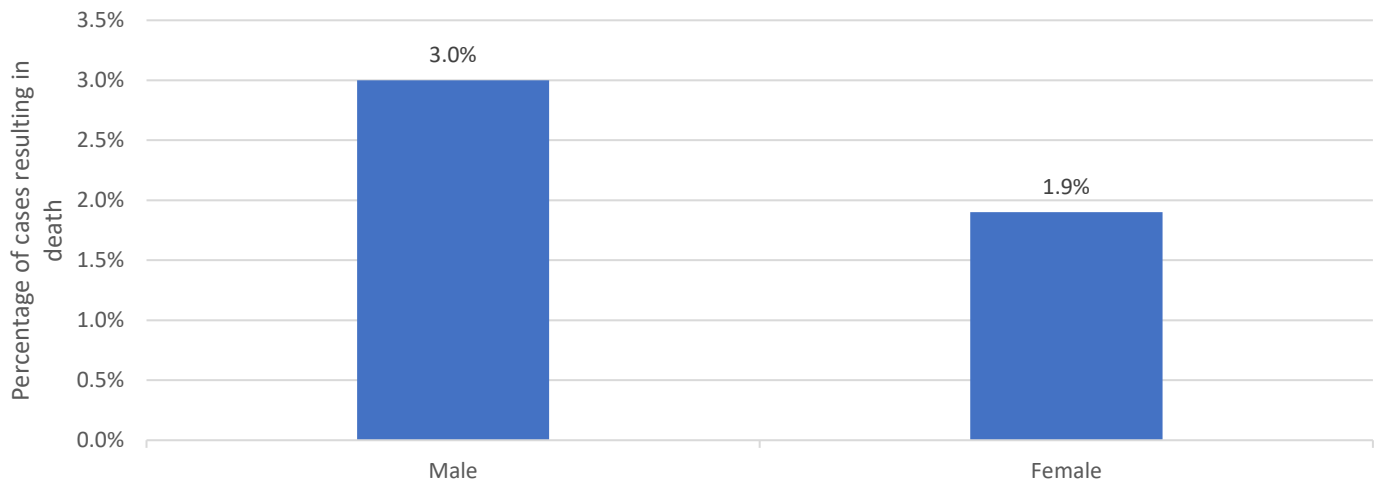


## SECTION 3: CASE FATALITY RATES

### Case Fatality Rate by Age Group



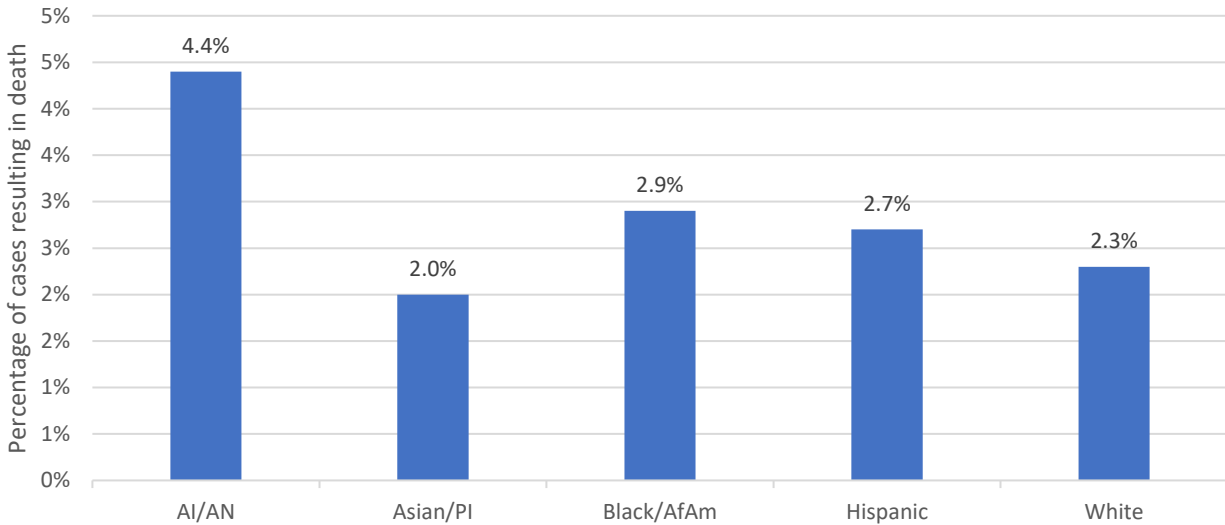
### Age-adjusted\* Case Fatality Rate by Gender



\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.  
<https://www.cdc.gov/covid-data-tracker/index.html#demographics>



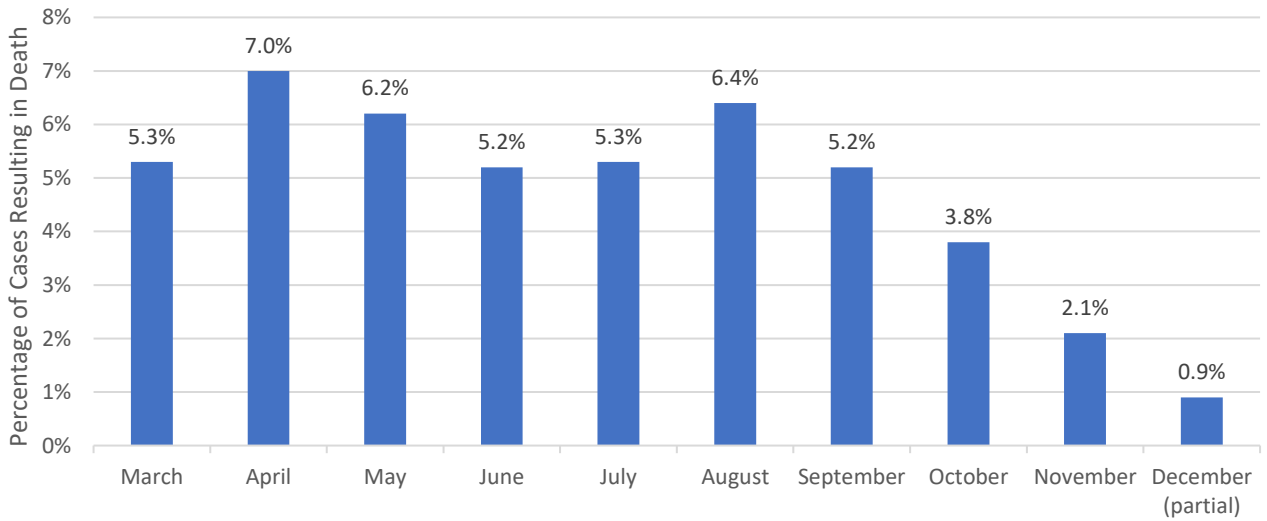
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

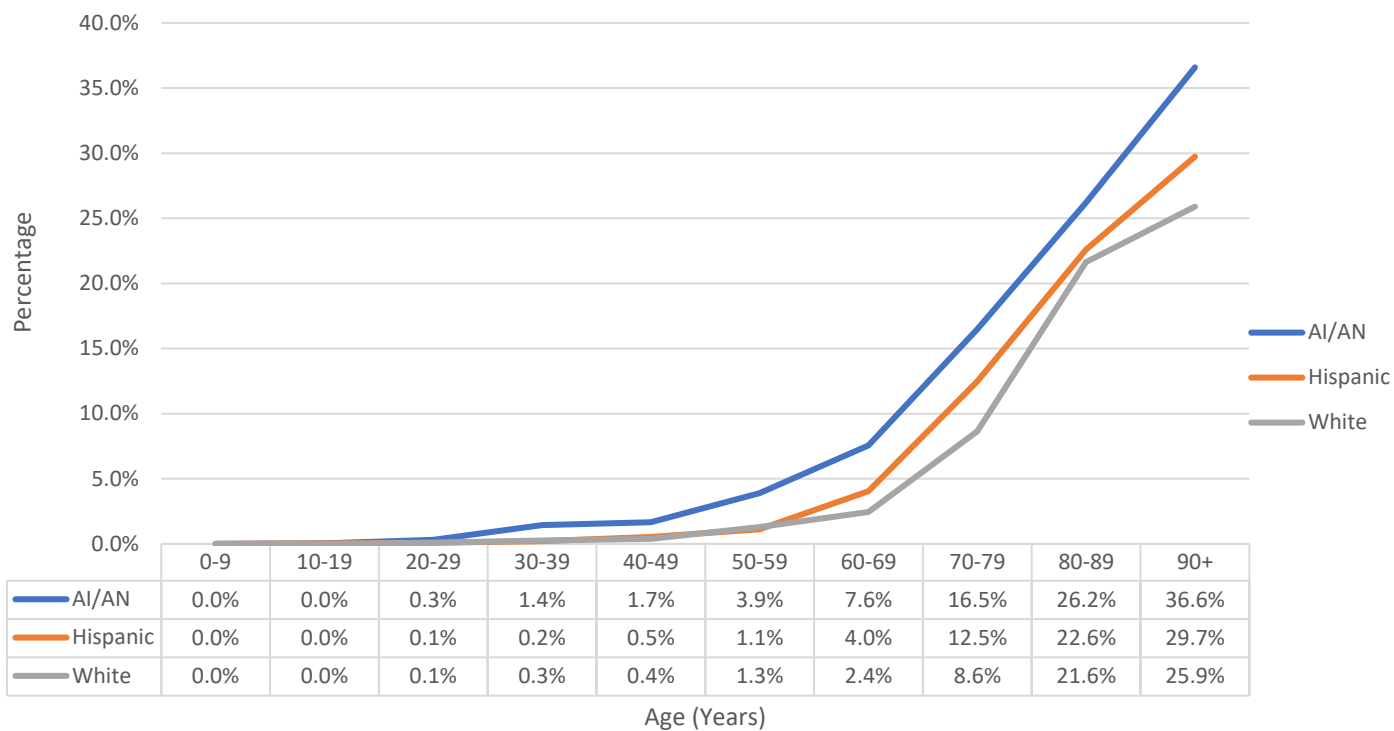
### Age-adjusted\* Case Fatality Rate Among AI/AN, by Month of 1<sup>st</sup> Positive Test



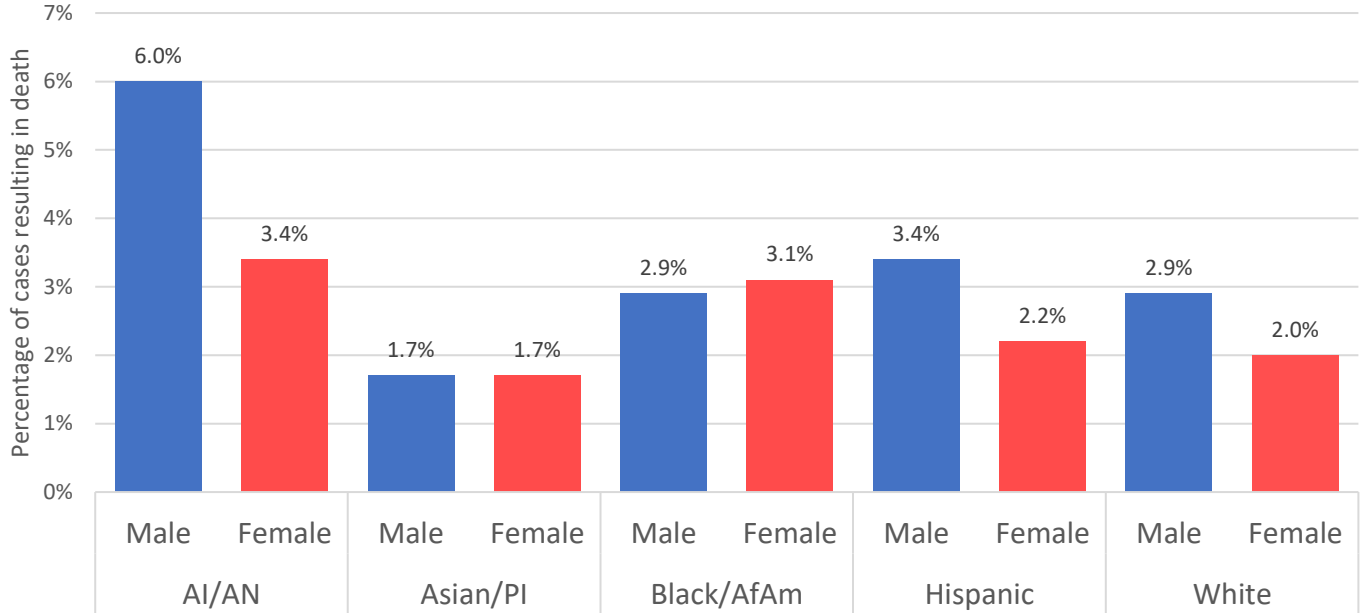
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

### Case Fatality Rate by Race/Ethnicity and Age Group



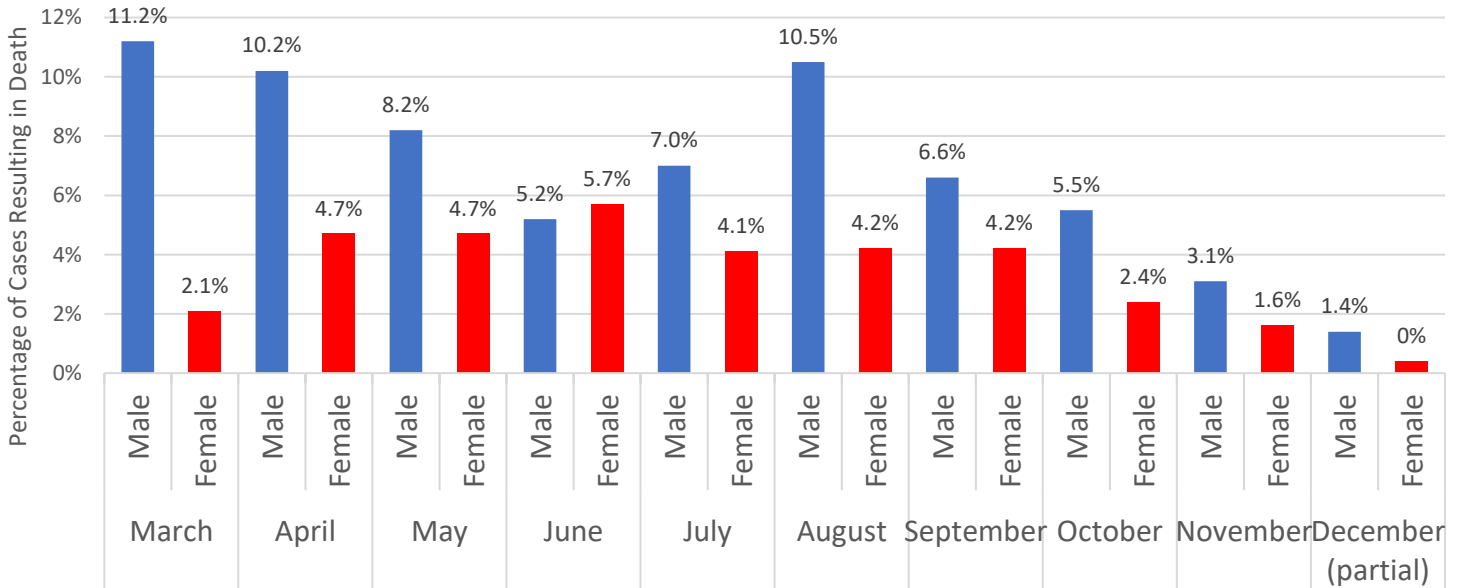
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity and Gender



\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

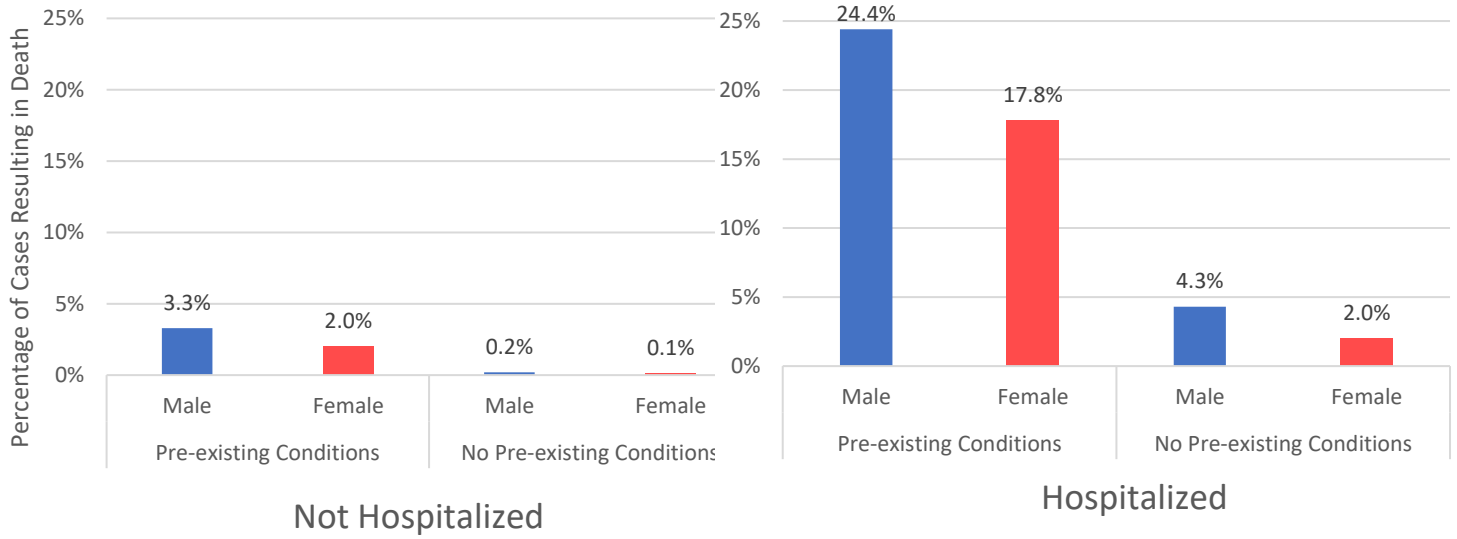
### Age-adjusted\* Case Fatality Rate Among AI/AN, by Month of 1<sup>st</sup> Positive Test and Gender



\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

## Age-adjusted\* Case Fatality Rate by Gender, Underlying Conditions, and Hospitalization Status



\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

## Data Sources

- **COVID-19 data:** New Mexico Electronic Disease Surveillance System (NM-EDSS), Infectious Disease Epidemiology Bureau, Epidemiology and Response Division, New Mexico Department of Health.
- **Mortality data:** Bureau of Vital Records and Health Statistics, Epidemiology and Response Division, New Mexico Department of Health.
- **Population Estimates:** University of New Mexico, Geospatial and Population Studies (GPS) Program.
- **Age-adjustment:** US 2000 Standard Population Weights for mortality rates. US COVID-19 cases for case fatality rates.

## Data Notes

- **The data reported in this weekly update may not match the daily numbers that are reported in the New Mexico Department of Health (NMDOH) press releases and/or the NMDOH COVID-19 data dashboard. This may be due to variation in the date and time of data extraction from NM-EDSS, corrections after quality assurance review, and differences in the exclusion criteria.**
- **New Mexico Electronic Disease Surveillance System (NM-EDSS).** Disease incidence data are derived from reports of notifiable infectious diseases. NMDOH relies on health care providers, laboratories, hospitals, clinics, institutions and individuals to report suspected and confirmed notifiable infectious diseases in accordance with New Mexico Administrative Code 7.4.3.13. Under-reporting can occur due to of lack of awareness about reporting requirements or lack of compliance with those requirements. Not all cases of infectious diseases can be detected for various reasons including lack of access to health care services, lack of laboratory testing or concerns about confidentiality. Specific and standardized national case definitions are used to classify disease reports by case status.
- **New Mexico COVID-19 Related Deaths.** Following the standardized surveillance case definition published by the Council of State and Territorial Epidemiologists, COVID-19 related deaths in NM include 1) deaths of confirmed cases, which have a documented positive RT-PCR test or rapid test for SARS-CoV-2; and 2) deaths based on vital records criteria in the absence of confirmatory laboratory evidence, which is a death certificate that lists COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Death certificates may list multiple causes of death, with one single cause identified as the underlying cause of death defined as the condition that began the chain of events that ultimately led to the person's death. Death certificates may also list significant conditions contributing to death, defined as a condition or circumstance that contributed to the cause of death but did not result in the underlying cause nor participated in the causal pathway to the final or immediate cause of death. NM only includes natural deaths, and excludes intentional and unintentional injury deaths among confirmed cases.
- **New Mexico Population Estimates.** All population estimates apply to July 1 of 2019. Estimates include decimal fractions. The sum of population subgroup estimates may not exactly equal the overall state population estimate due to rounding error. Population estimates for previous years are occasionally

revised as new information becomes available. When publishing trend data, always be sure that your rates for earlier years match current rates on NM-IBIS that have been calculated with the most up-to-date population estimates.

- **Race/ethnicity.** Race and ethnicity are reported as a single variable, race/ethnicity, according to the selection of the case. Any case who is Hispanic is in the Hispanic category and all other races are non-Hispanic.
- **Mortality rate per 100,000 population.** A basic measure of disease-specific hospitalization frequency is a rate, which takes into account the number of deaths and the population size. It is helpful in making public health decisions for a given population, relative to another population regardless of size.
- **Age-adjusted mortality or case fatality rate per 100,000 population.** The age-distribution of a population (the number of people in particular age categories) can change over time and can be different in different geographic areas. The use of age-adjusted rates permits a valid comparison among populations. It ensures that the differences in deaths from one population to another are not due to differences in the age distribution of the populations being compared.