

# NEW MEXICO COVID-19 MORTALITY UPDATE

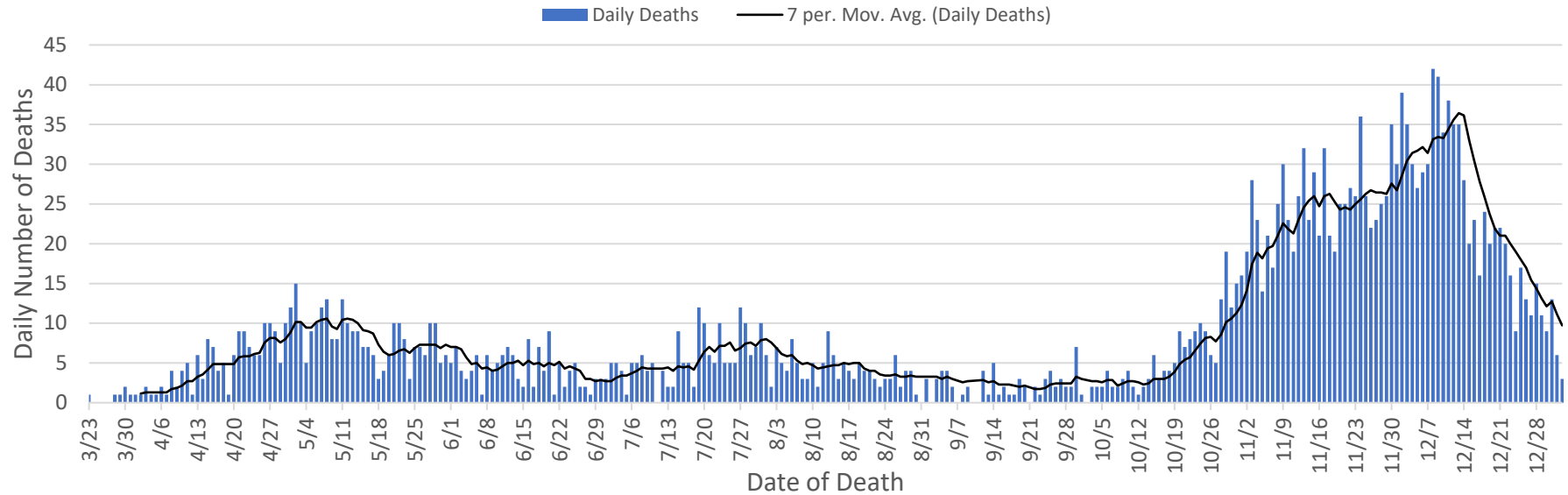
January 4, 2021

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

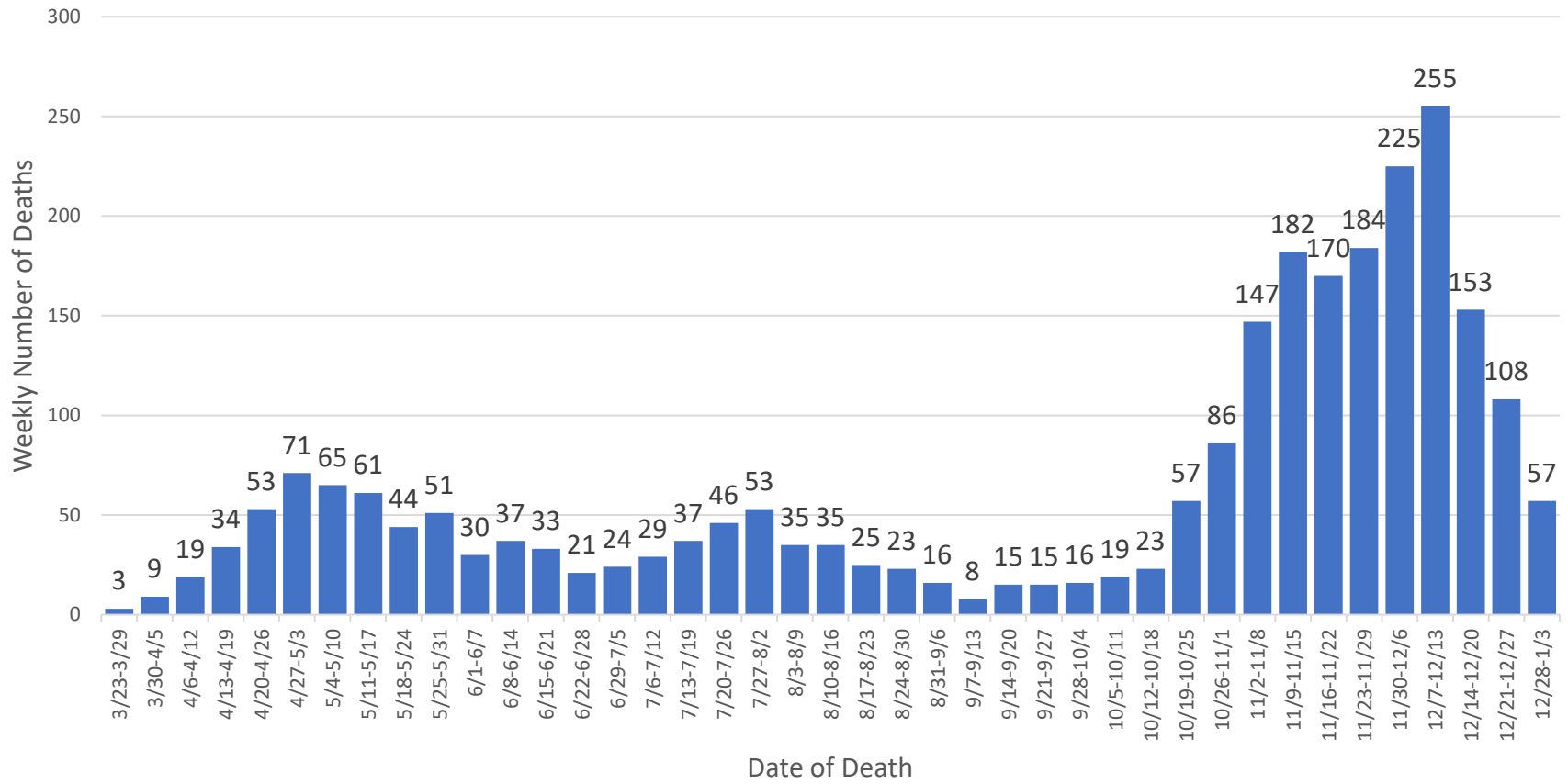
Total Deaths	Deaths in the Last 14 Days
2,574	165

## SECTION 1: DEATH COUNTS

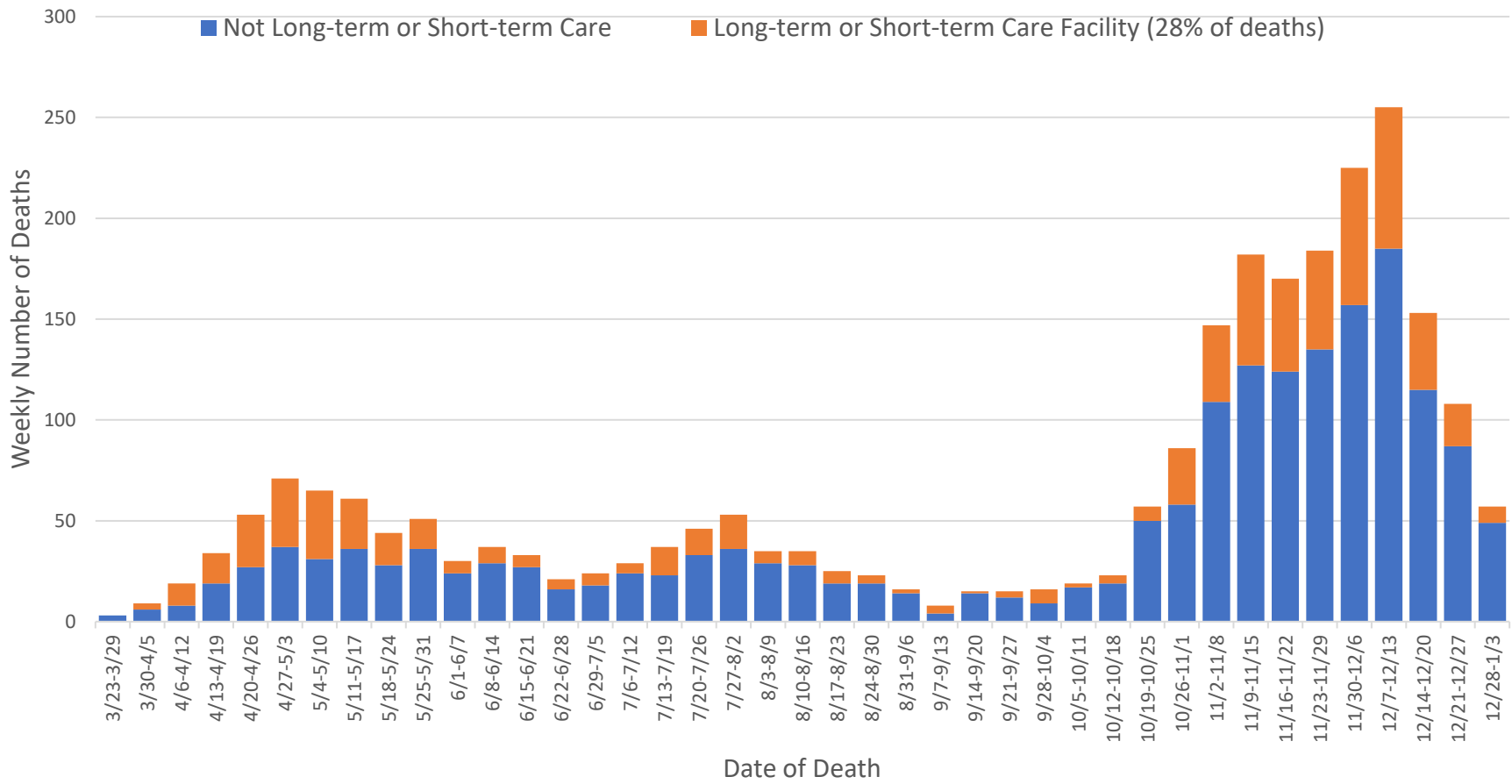
### Daily Number of Deaths and 7-day Moving Average



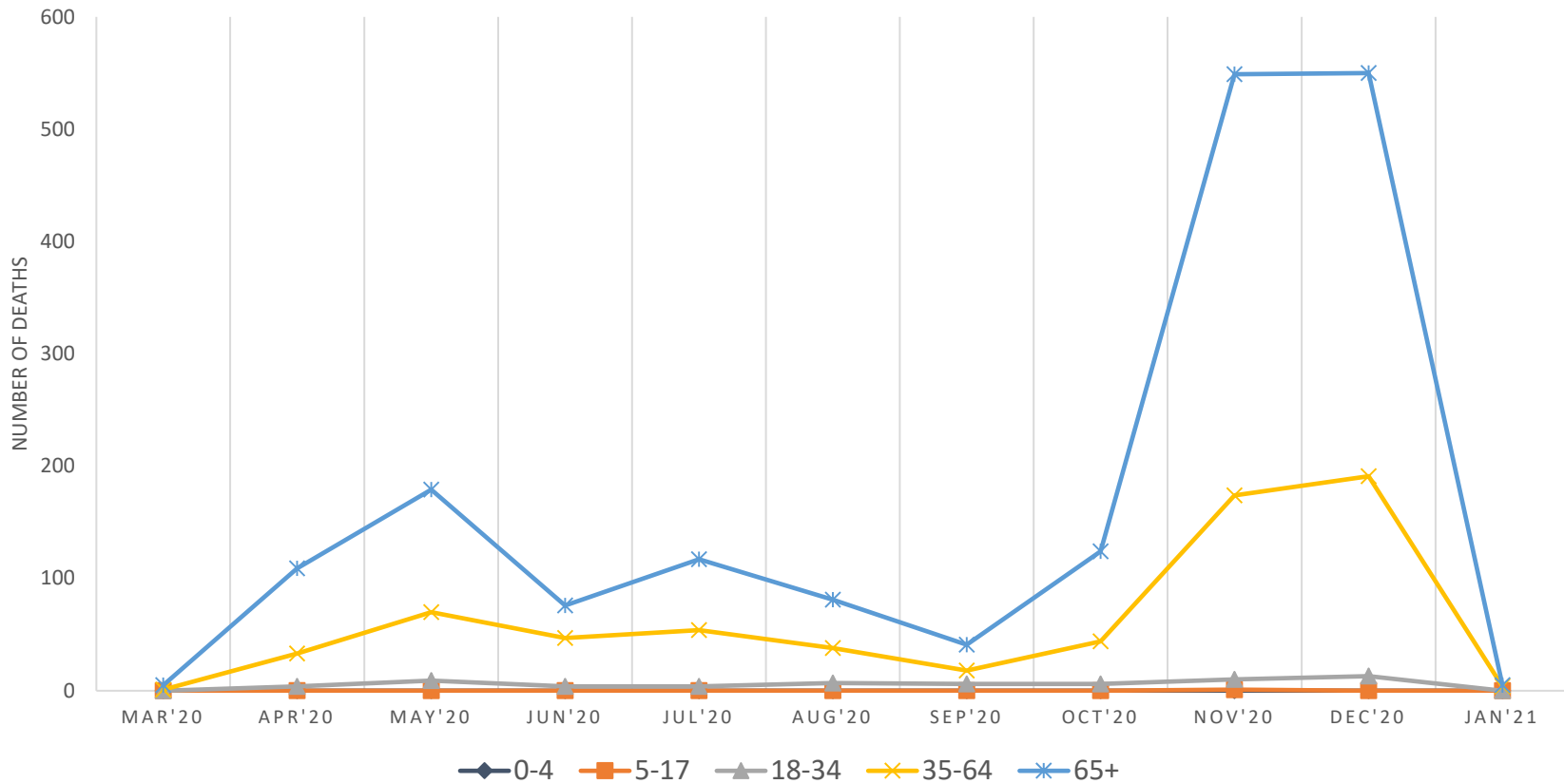
## Number of Deaths Each Week



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

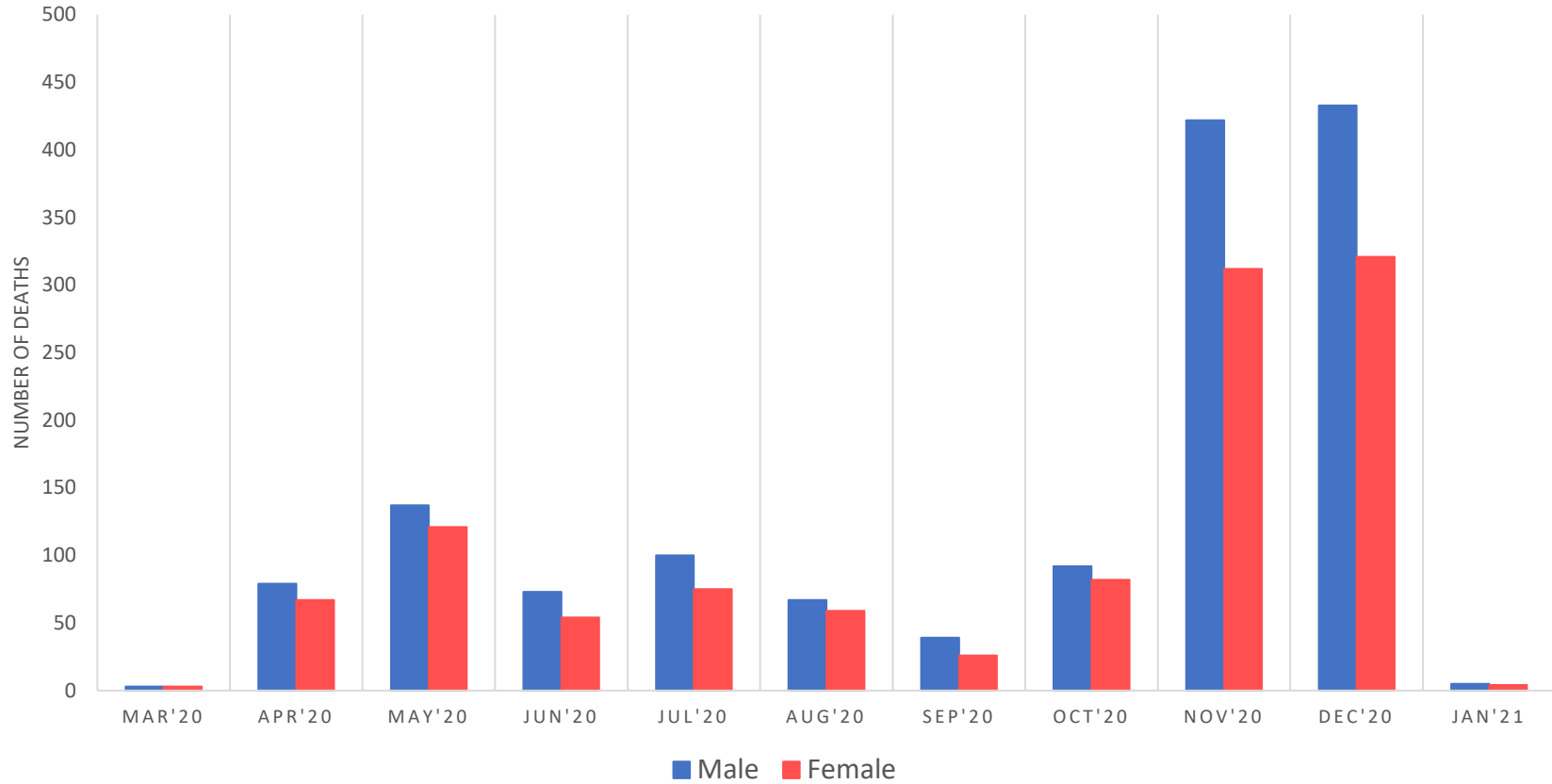


## Number of Deaths by Age Group Each Month



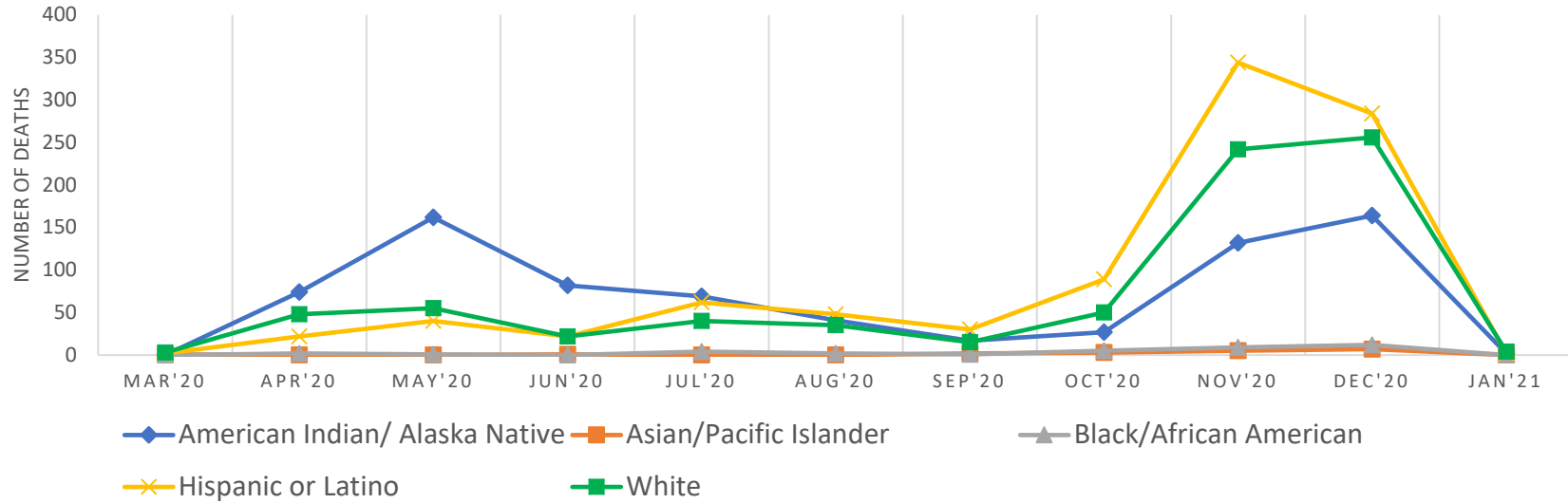
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Total
<b>0-4</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>5-17</b>	0	0	0	0	0	0	0	0	1	0	0	1
<b>18-34</b>	0	4	9	4	4	7	6	6	10	13	0	63
<b>35-64</b>	1	33	70	47	54	38	18	44	174	191	4	674
<b>65+</b>	5	109	179	76	117	81	41	124	549	550	5	1836
<b>Total</b>	6	146	258	127	175	126	65	174	734	754	9	2574

## Number of Deaths by Gender Each Month



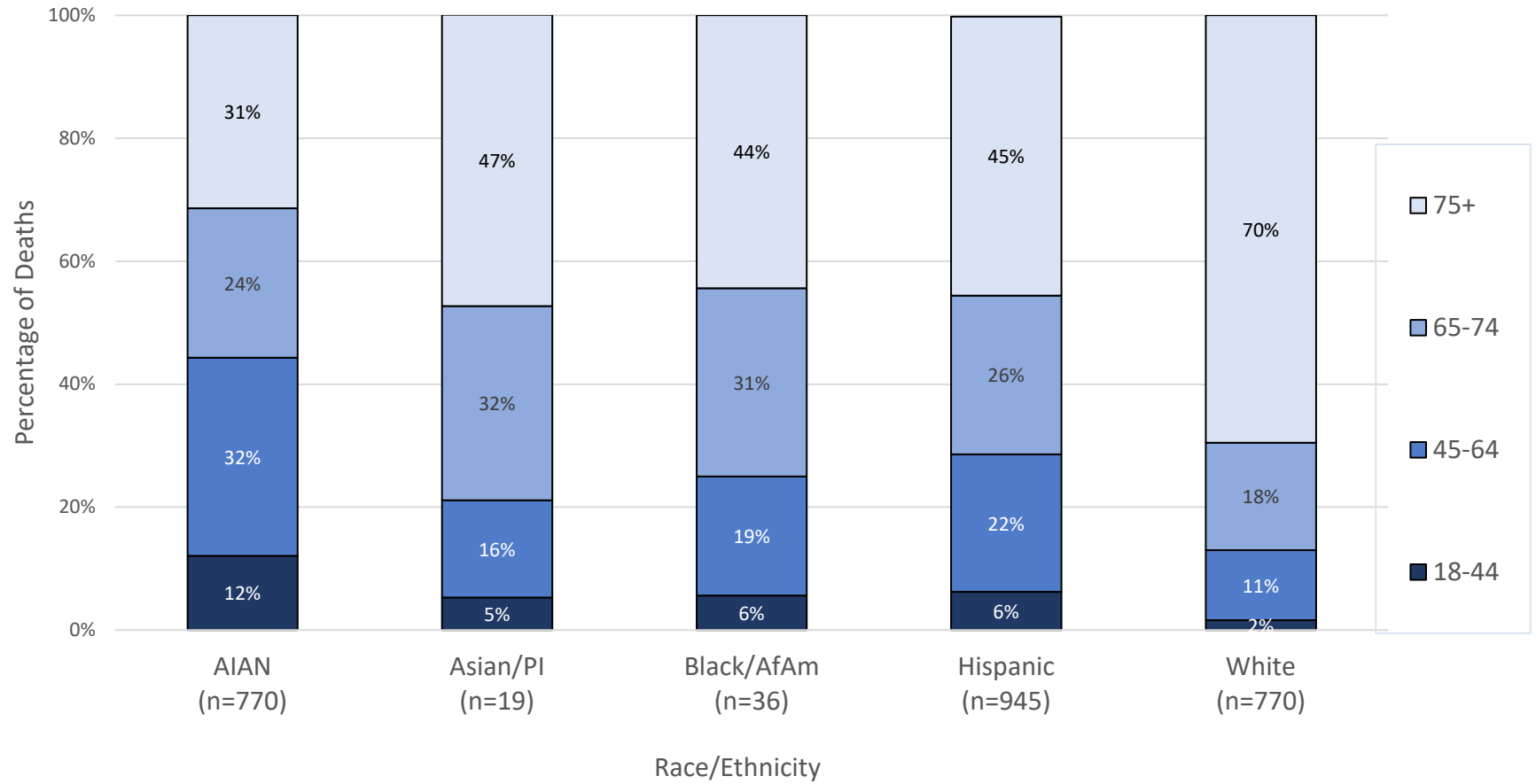
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Total
<b>Male</b>	3	79	137	73	100	67	39	92	422	433	5	1450
<b>Female</b>	3	67	121	54	75	59	26	82	312	321	4	1124
<b>Total</b>	6	146	258	127	175	126	65	174	734	754	9	2574

### Number of Deaths by Race/Ethnicity Each Month

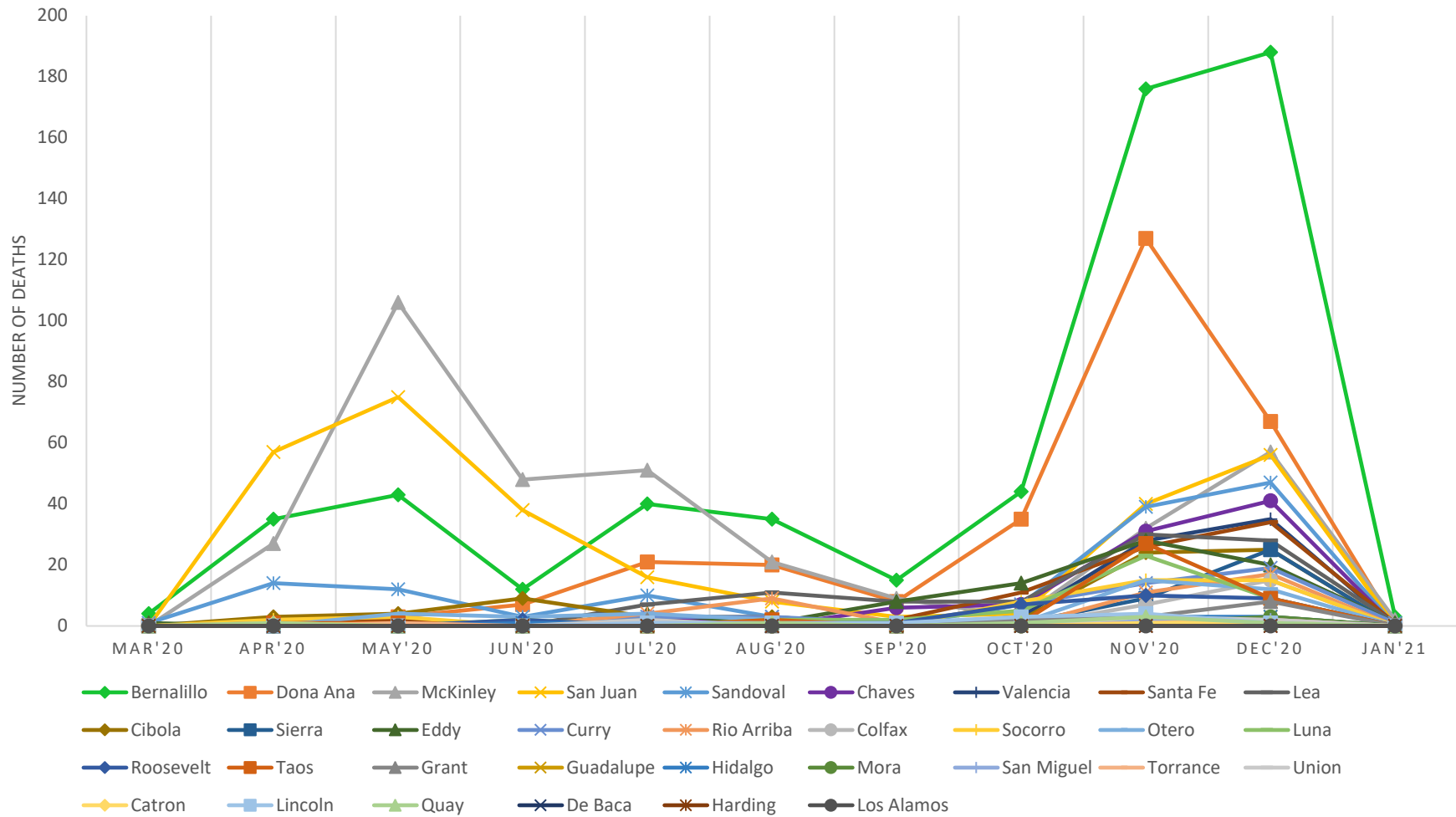


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Total
<b>American Indian/ Alaska Native</b>	0	74	162	82	69	41	17	27	132	164	2	770
<b>Asian/Pacific Islander</b>	1	0	0	1	0	0	2	3	5	7	0	19
<b>Black/African American</b>	0	2	1	0	4	2	1	5	9	12	0	36
<b>Hispanic or Latino</b>	2	22	40	22	62	48	30	89	344	284	2	945
<b>White</b>	3	48	55	22	40	35	15	50	242	256	4	770
<b>Unknown</b>	0	0	0	0	0	0	0	0	2	31	1	34
<b>Total</b>	6	146	258	127	175	126	65	174	734	754	9	2574

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



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

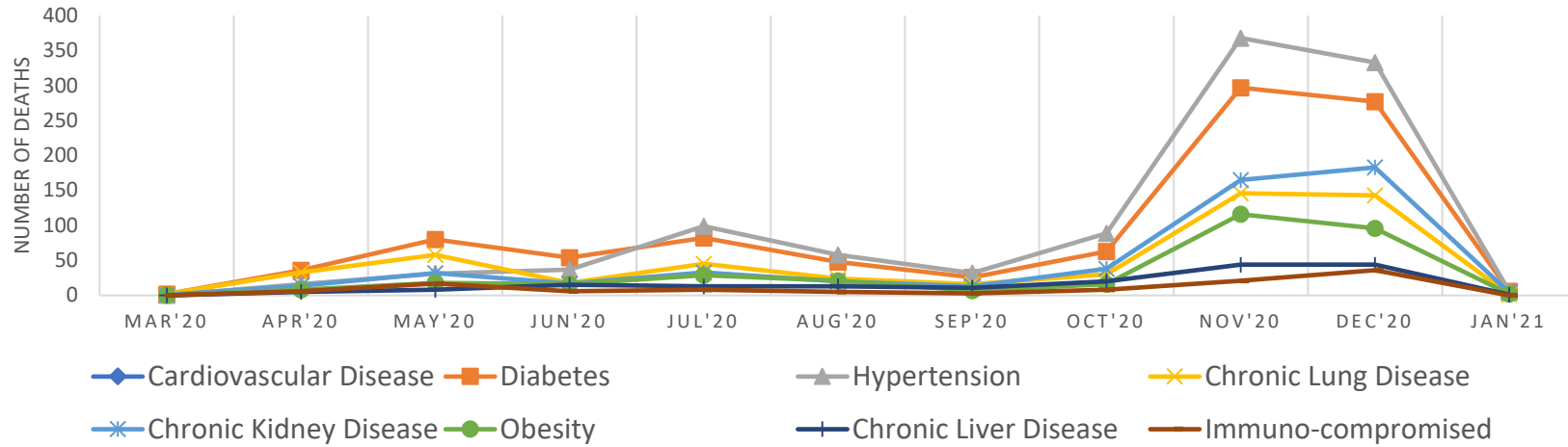




**Number of deaths by New Mexico County of residence each month – continued**

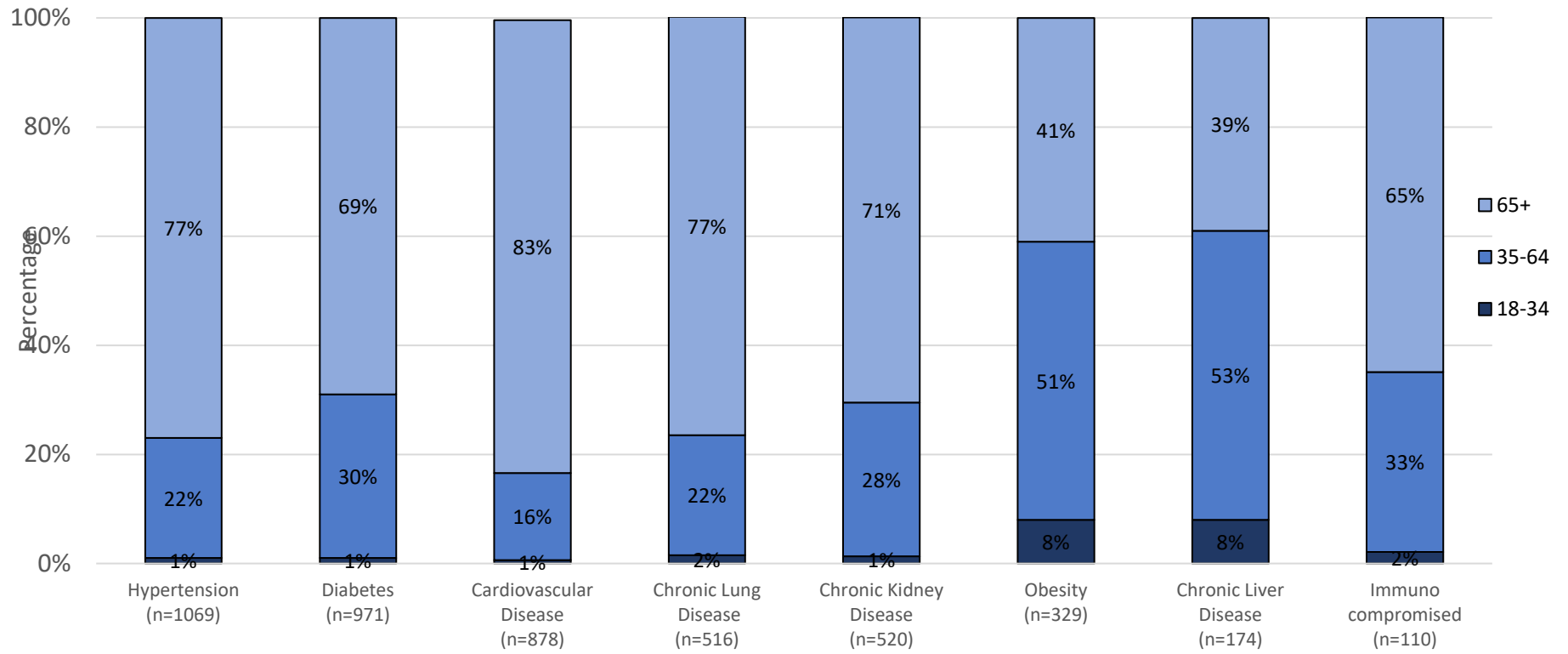
<b>County of Residence</b>	<b>Mar'20</b>	<b>Apr'20</b>	<b>May'20</b>	<b>Jun'20</b>	<b>Jul'20</b>	<b>Aug'20</b>	<b>Sep'20</b>	<b>Oct'20</b>	<b>Nov'20</b>	<b>Dec'20</b>	<b>Jan'21</b>	<b>Total</b>
<b>Bernalillo</b>	4	35	43	12	40	35	15	44	176	188	3	595
<b>Dona Ana</b>	0	1	3	7	21	20	8	35	127	67	0	289
<b>McKinley</b>	0	27	106	48	51	21	9	3	32	57	2	356
<b>San Juan</b>	0	57	75	38	16	8	3	4	40	56	0	297
<b>Sandoval</b>	1	14	12	3	10	3	0	7	39	47	0	136
<b>Chaves</b>	0	1	2	0	3	0	6	7	31	41	0	91
<b>Valencia</b>	0	0	1	0	2	0	0	3	28	35	0	69
<b>Santa Fe</b>	0	2	2	0	0	1	2	11	26	34	1	79
<b>Lea</b>	0	0	0	0	7	11	8	8	30	28	1	93
<b>Cibola</b>	0	3	4	9	3	3	0	2	24	25	0	73
<b>Sierra</b>	0	0	0	1	0	1	0	1	9	25	0	37
<b>Eddy</b>	1	0	0	0	4	1	8	14	28	20	1	77
<b>Curry</b>	0	0	0	0	3	3	1	7	14	19	1	48
<b>Rio Arriba</b>	0	0	1	0	4	9	1	0	11	17	0	43
<b>Colfax</b>	0	0	0	1	0	0	0	0	7	15	0	23
<b>Socorro</b>	0	2	3	0	1	0	0	8	15	15	0	44
<b>Otero</b>	0	0	4	3	4	2	0	1	15	12	0	41
<b>Luna</b>	0	1	0	2	0	2	2	5	23	9	0	44
<b>Roosevelt</b>	0	0	0	2	0	1	1	7	10	9	0	30
<b>Taos</b>	0	1	1	0	0	2	0	1	27	9	0	41
<b>Grant</b>	0	0	0	0	2	0	0	2	3	8	0	15
<b>Guadalupe</b>	0	0	0	0	0	1	0	0	1	3	0	5
<b>Hidalgo</b>	0	0	0	1	1	0	0	0	3	3	0	8
<b>Mora</b>	0	0	0	0	0	0	0	0	1	3	0	4
<b>San Miguel</b>	0	0	0	0	0	0	0	0	2	2	0	4
<b>Torrance</b>	0	0	1	0	0	0	0	0	1	2	0	4
<b>Union</b>	0	0	0	0	2	0	0	0	3	2	0	7
<b>Catron</b>	0	1	0	0	0	0	0	0	1	1	0	3
<b>Lincoln</b>	0	0	0	0	1	1	1	3	4	1	0	11
<b>Quay</b>	0	1	0	0	0	1	0	1	3	1	0	7
<b>De Baca</b>	0	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	0
<b>Los Alamos</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	6	146	258	127	175	126	65	174	734	754	9	2574

## Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Total
<b>Hypertension</b>	0	16	31	37	99	58	32	89	368	333	6	1069
<b>Diabetes</b>	2	36	80	54	82	48	26	63	297	277	6	971
<b>Cardiovascular Disease</b>	1	55	98	45	72	39	23	67	253	220	5	878
<b>Chronic Lung Disease</b>	2	33	58	18	45	24	16	30	146	143	1	516
<b>Chronic Kidney Disease</b>	1	14	32	17	33	20	13	38	165	183	4	520
<b>Obesity</b>	0	8	18	16	29	21	7	16	116	96	2	329
<b>Chronic Liver Disease</b>	0	5	8	15	13	13	11	20	44	44	1	174
<b>Immuno-compromised</b>	0	6	17	6	8	5	3	8	21	36	0	110

## Percentage of Deaths by Underlying Condition and Age Group

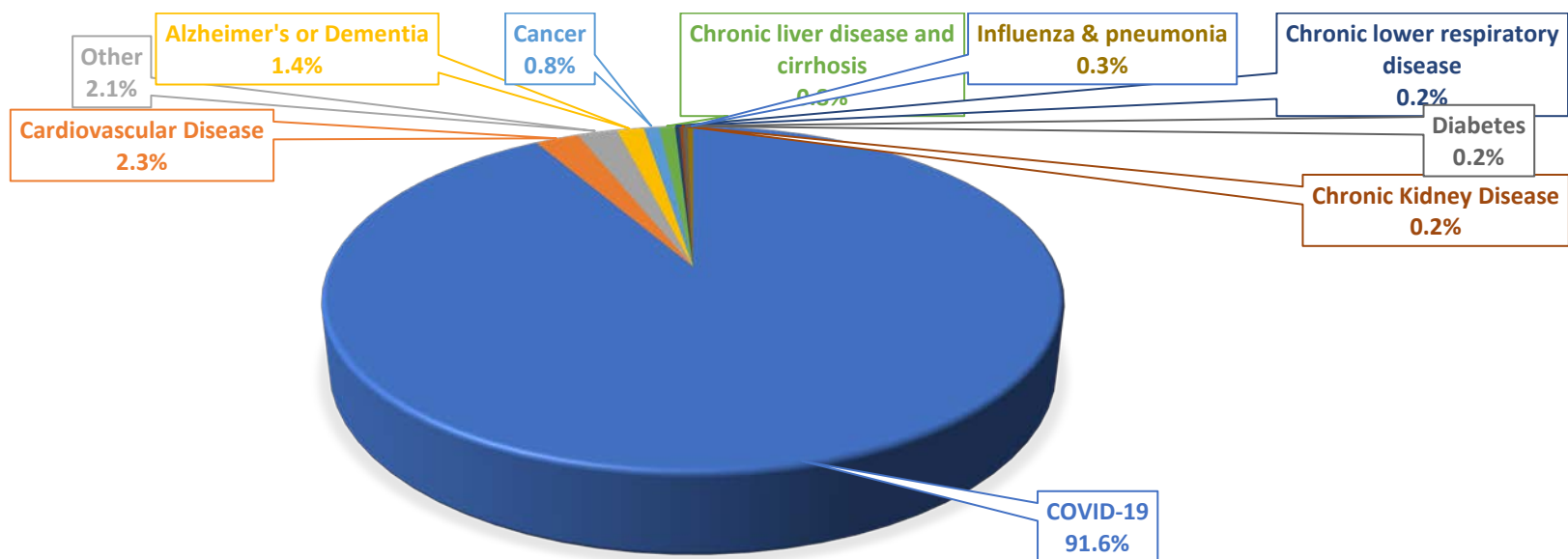


## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	2109	81.9%
Yes	No	71	2.8%
Yes	Pending	360	14.0%
No	Yes	34	1.3%
<b>Total</b>		2574	100.0%

\* Positive RT-PCR or Rapid Test

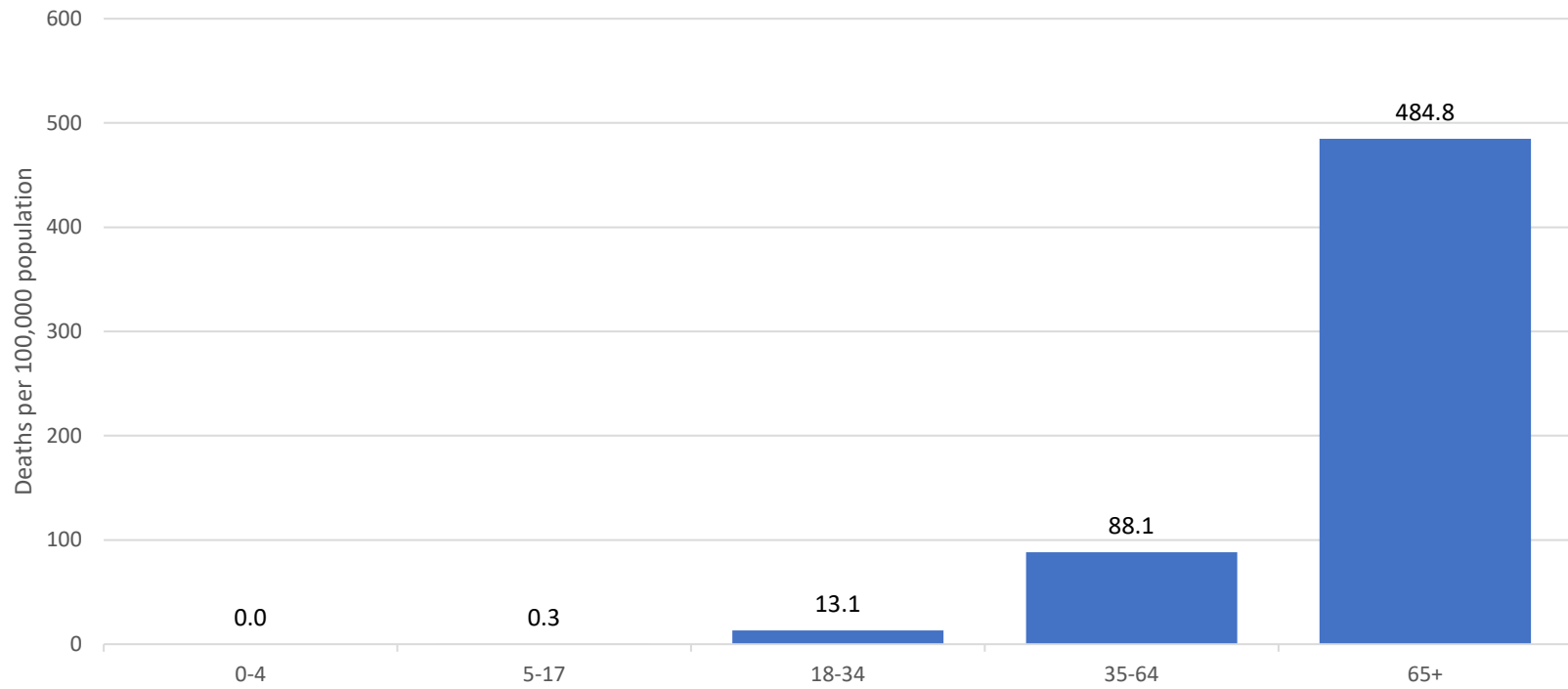
## Number and percent of deaths by underlying cause of death on the death certificate



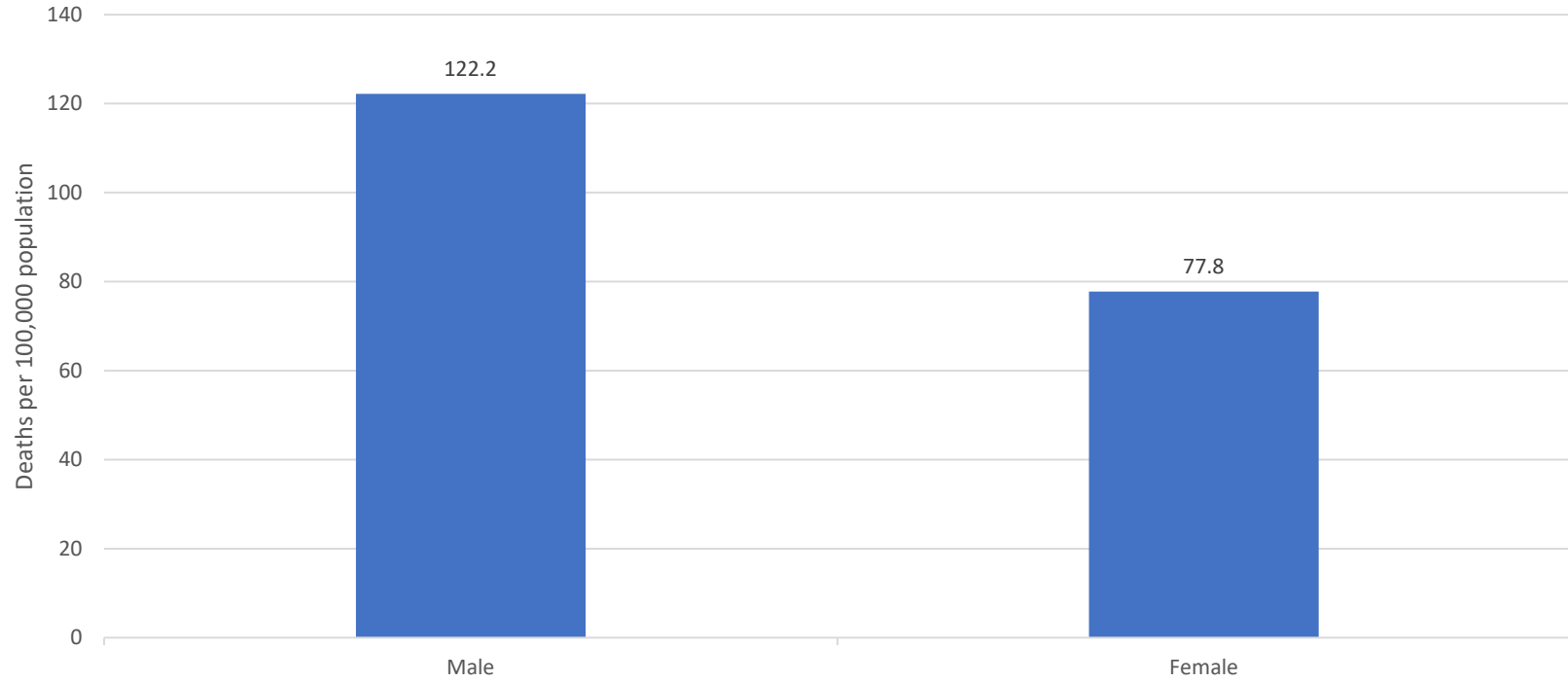
Underlying Cause	Number of Deaths*	Percent
<b>COVID-19</b>	1567	91.6%
<b>Cardiovascular Disease</b>	39	2.3%
<b>Other</b>	36	2.1%
<b>Alzheimer's or Dementia</b>	24	1.4%
<b>Cancer</b>	14	0.8%
<b>Chronic liver disease and cirrhosis</b>	14	0.8%
<b>Chronic lower respiratory disease</b>	4	0.2%
<b>Chronic Kidney Disease</b>	3	0.2%
<b>Diabetes</b>	4	0.2%
<b>Influenza &amp; pneumonia</b>	5	0.3%
<b>Total</b>	1710	100.0%
*Excludes 864 (34%) deaths which have not yet been coded by the National Center for Health Statistics.		

## SECTION 2: MORTALITY RATES

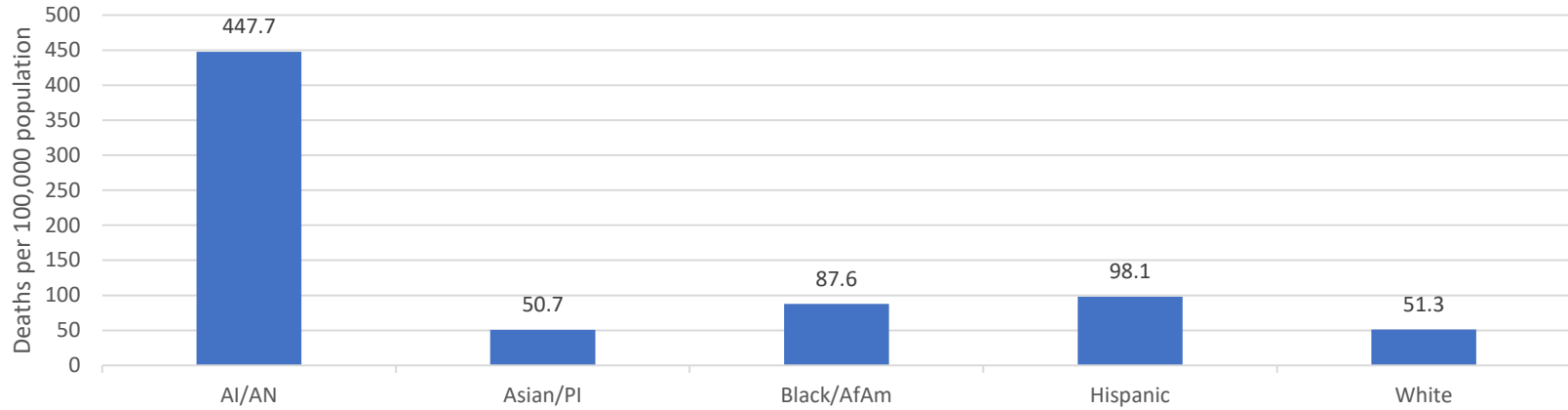
### Mortality Rate per 100,000 Population by Age Group



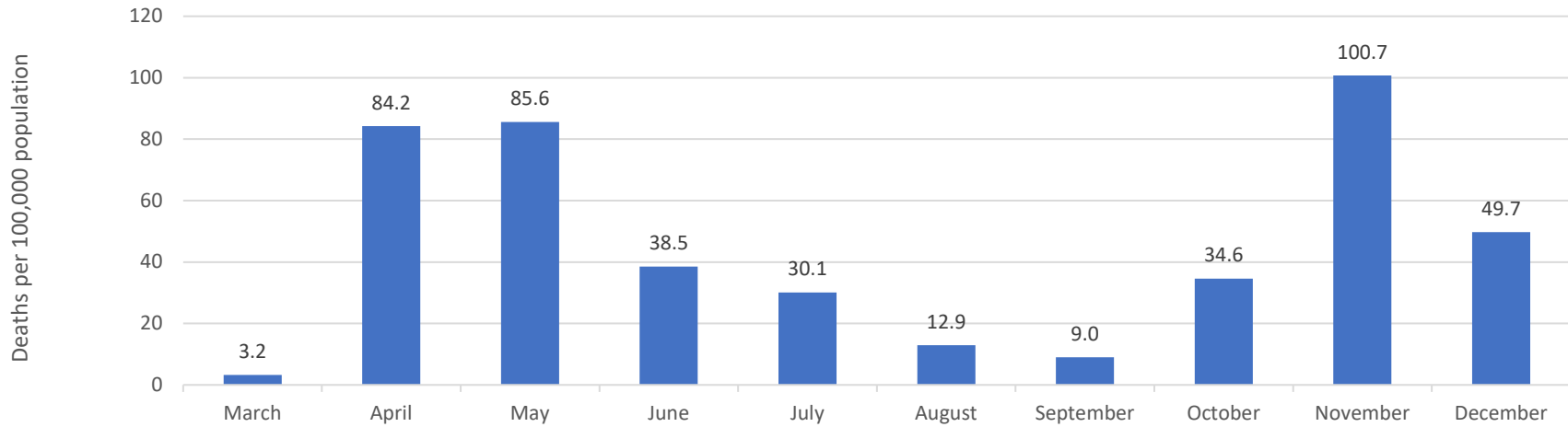
## Age-adjusted Mortality Rate per 100,000 Population by Gender



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

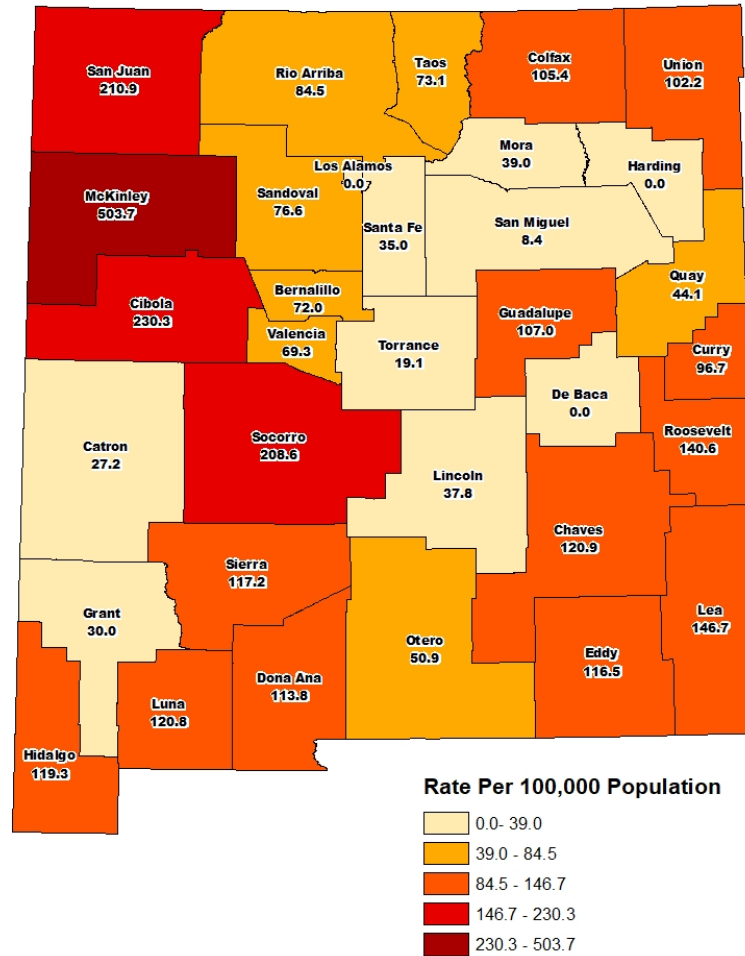


### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test

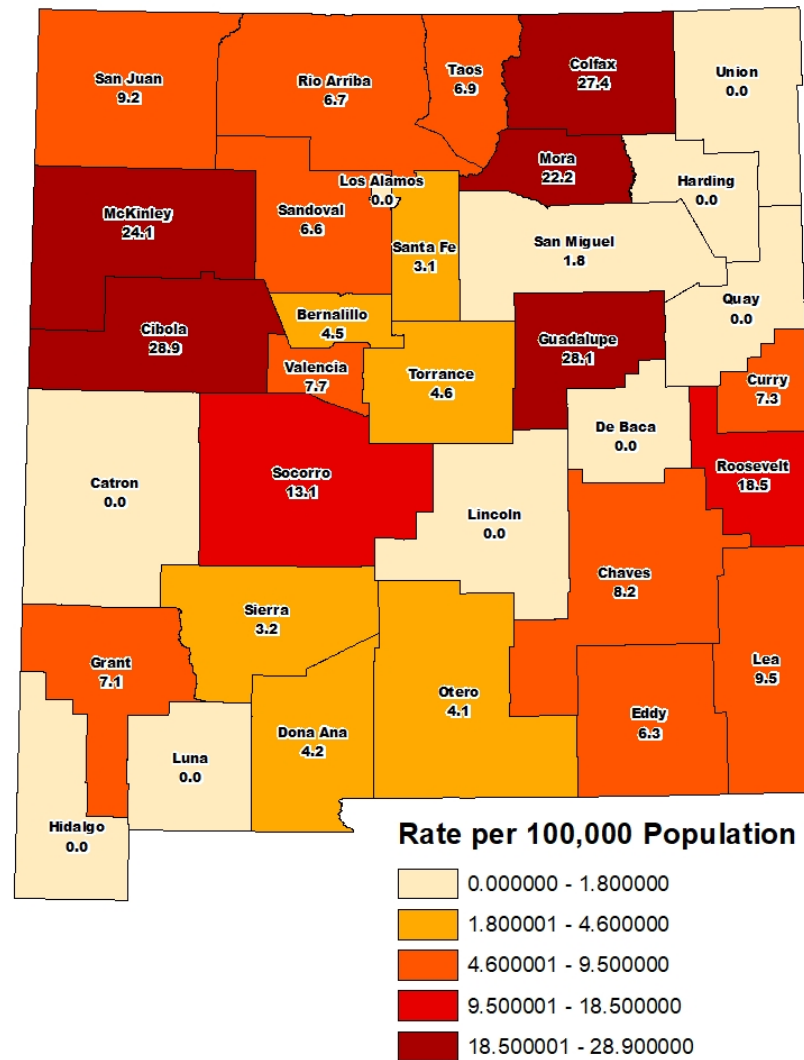




# Age-adjusted Mortality Rate per 100,000 Population by New Mexico County

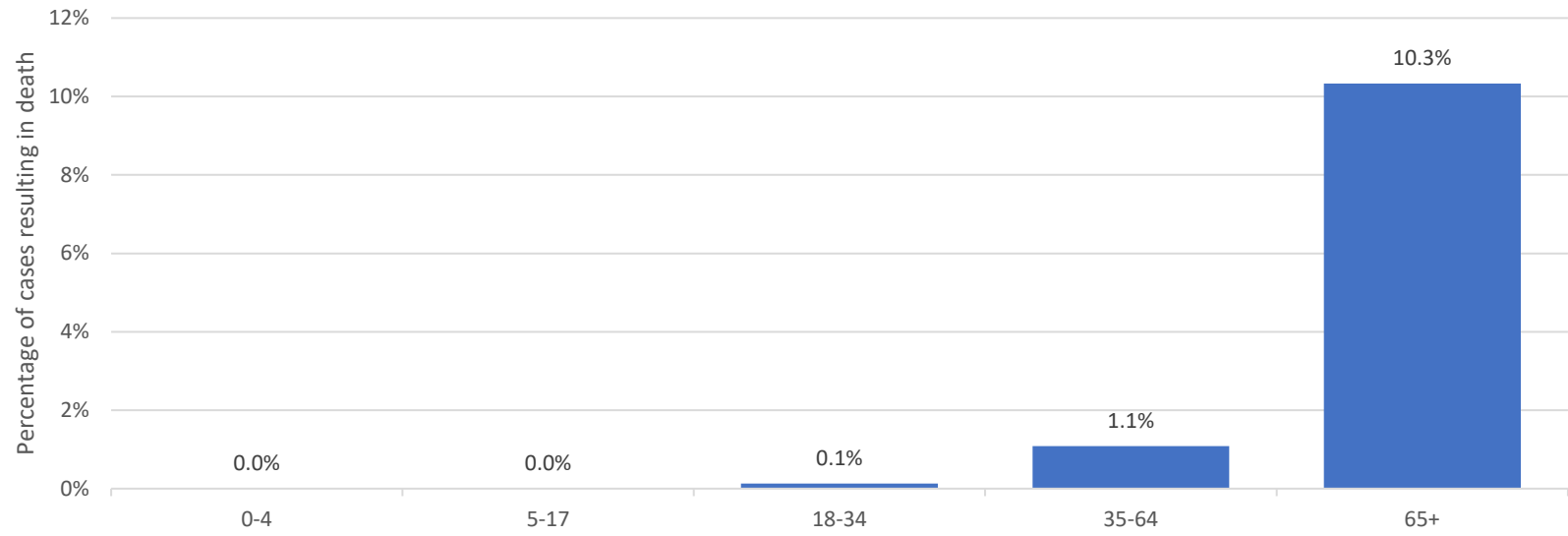


## Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

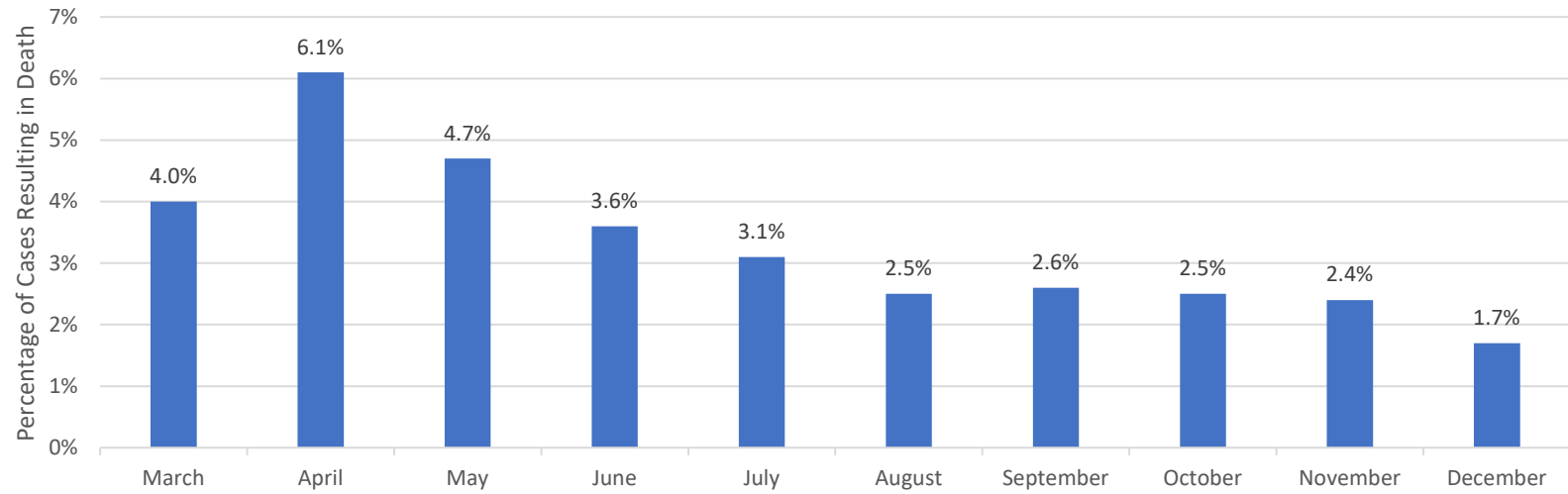


## SECTION 3: CASE FATALITY RATES

### Case Fatality Rate by Age Group

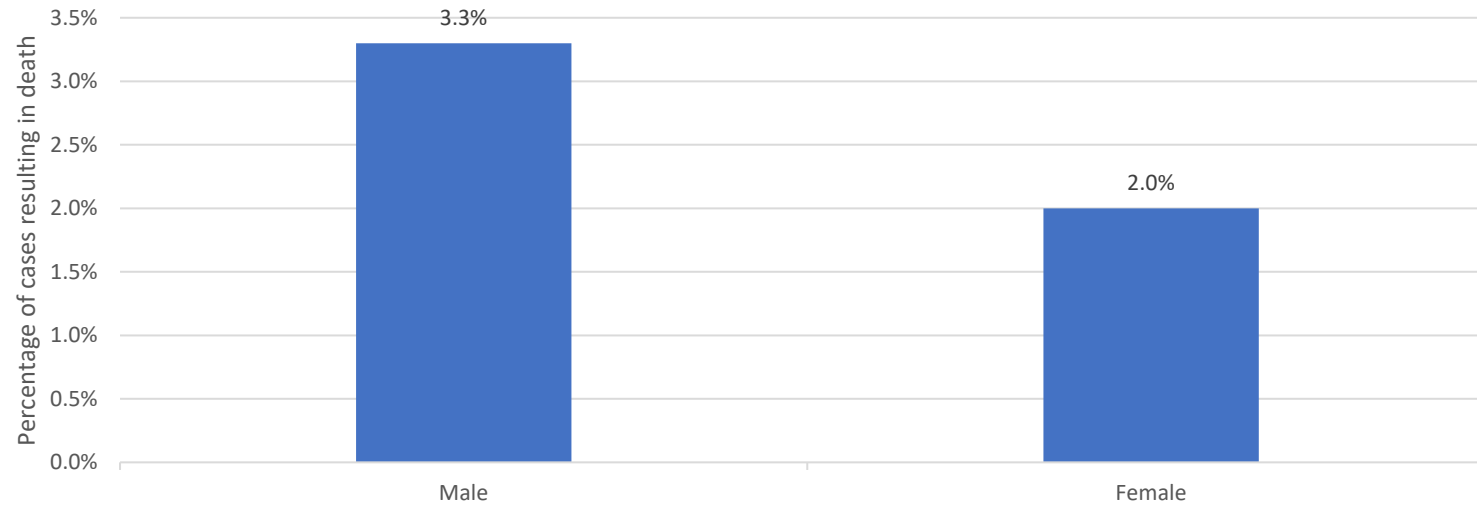


## Age-adjusted\* Case Fatality Rate by Month of 1<sup>st</sup> Positive Test



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

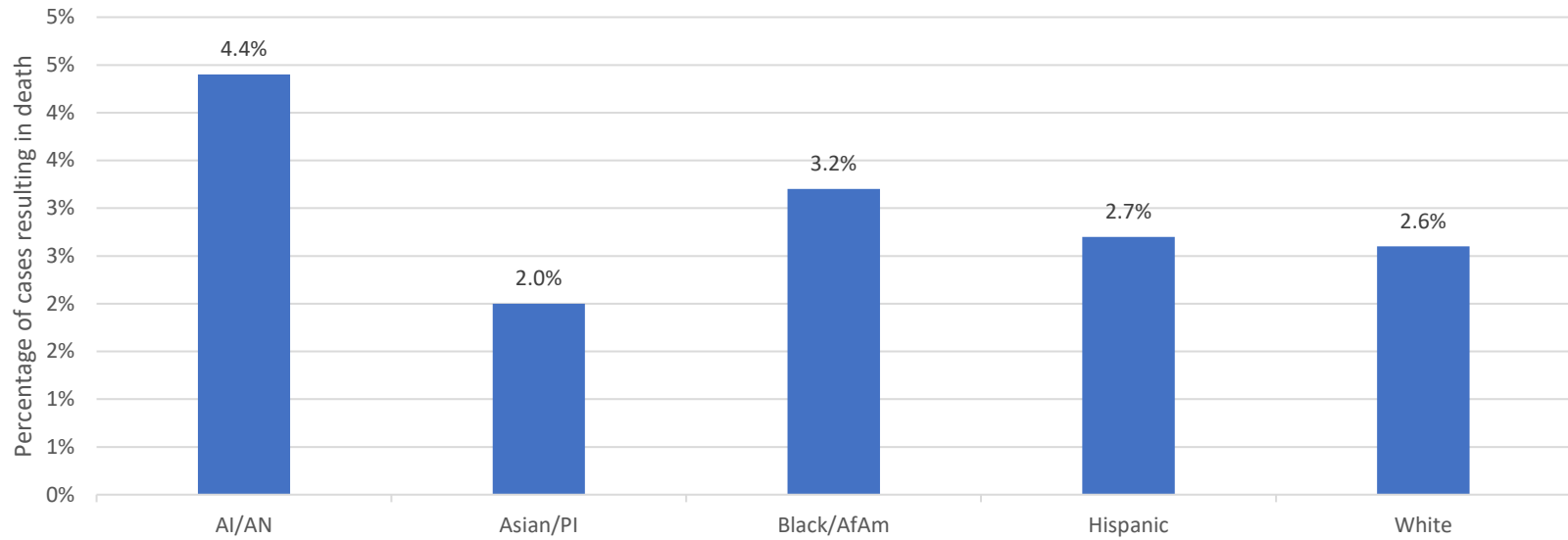
## Age-adjusted\* Case Fatality Rate by Gender



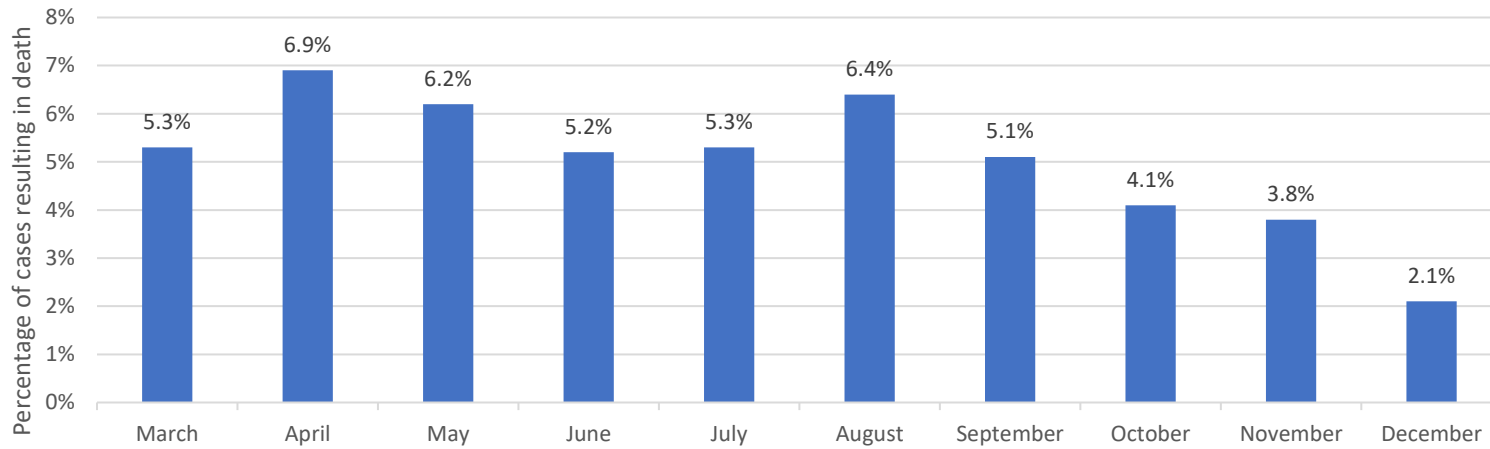
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

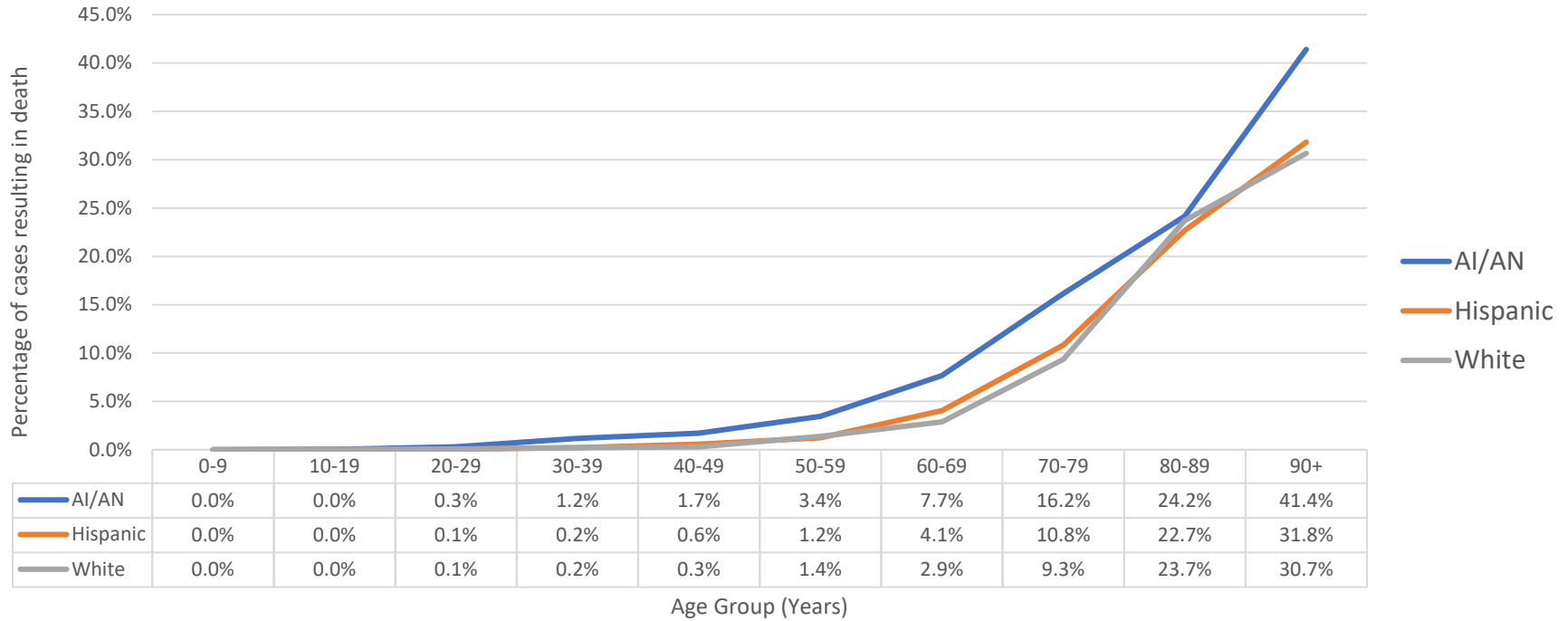
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



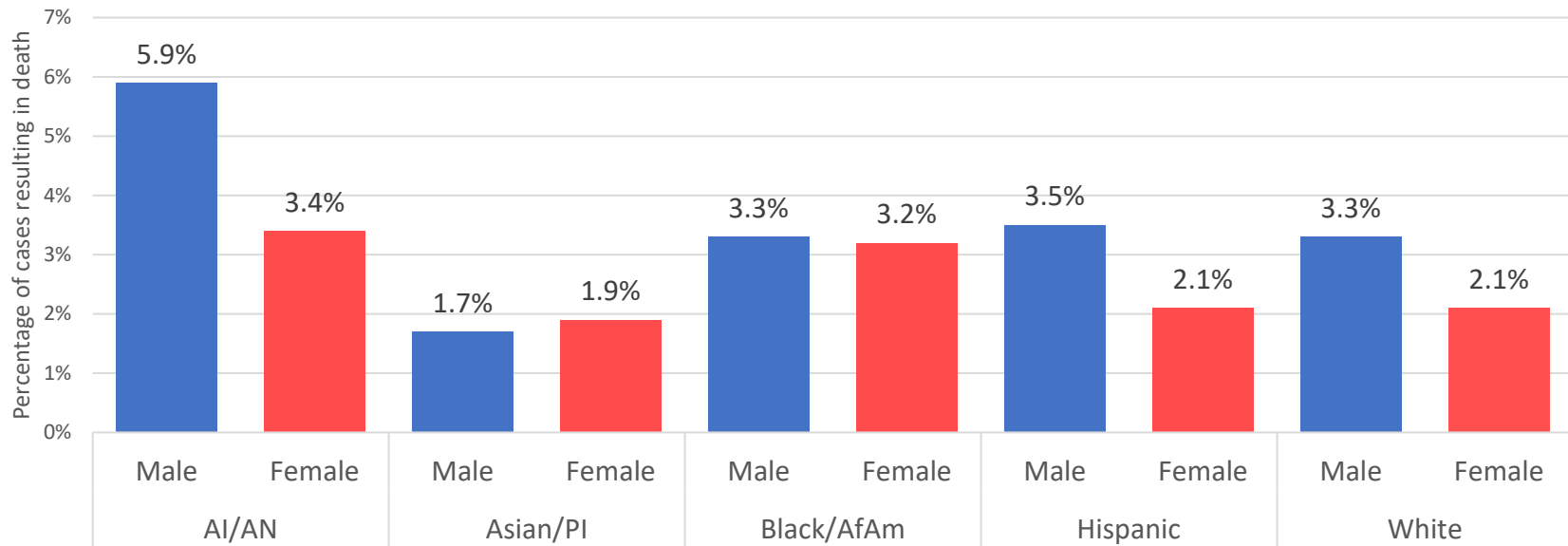
### Age-adjusted\* Case Fatality Rate Among AI/AN, by Month of 1<sup>st</sup> Positive Test



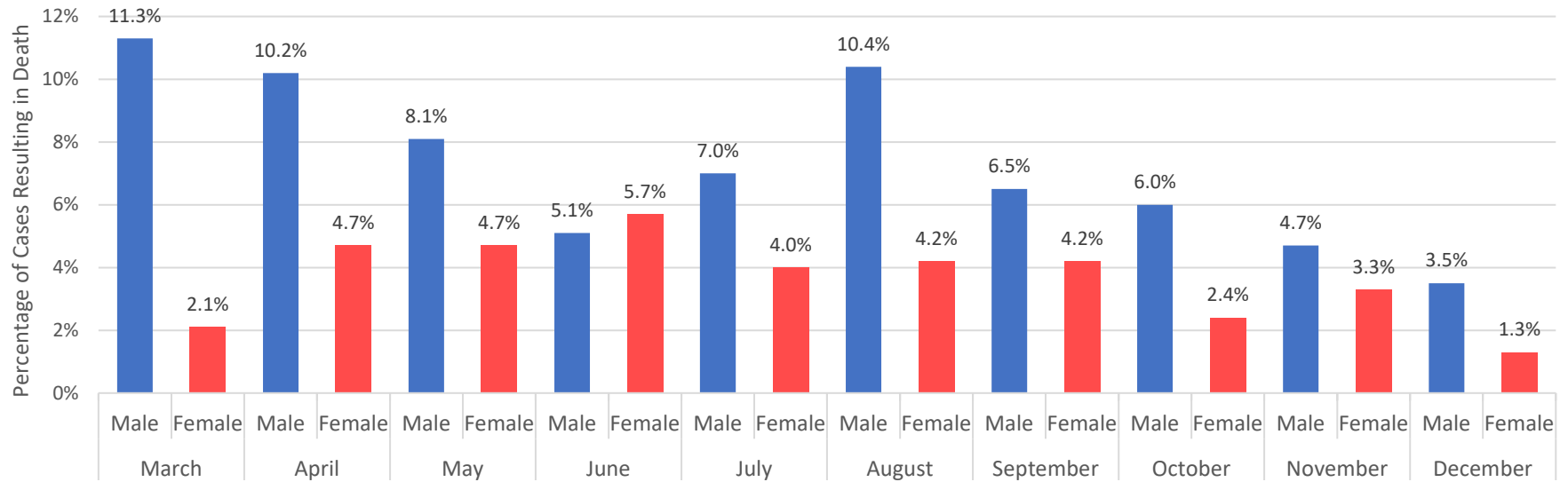
### Case Fatality Rate by Race/Ethnicity and Age Group



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

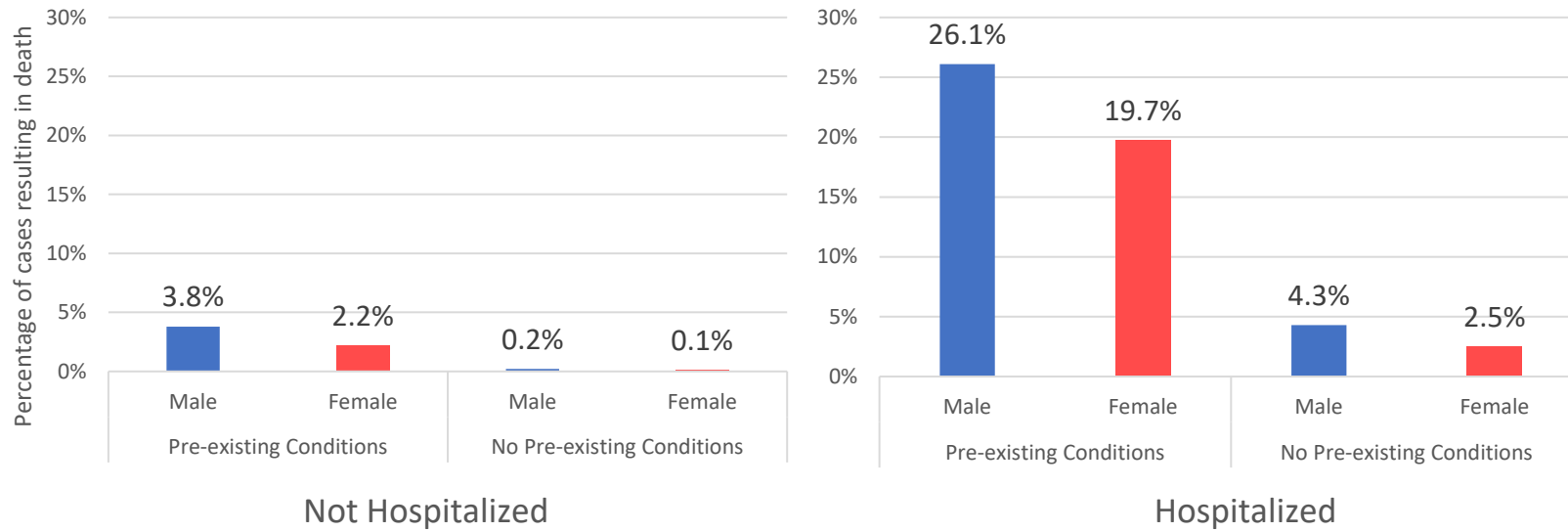


### Age-adjusted\* Case Fatality Rate Among AI/AN, by Month of 1<sup>st</sup> Positive Test and Gender





## 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 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.