

# NEW MEXICO COVID-19 MORTALITY UPDATE

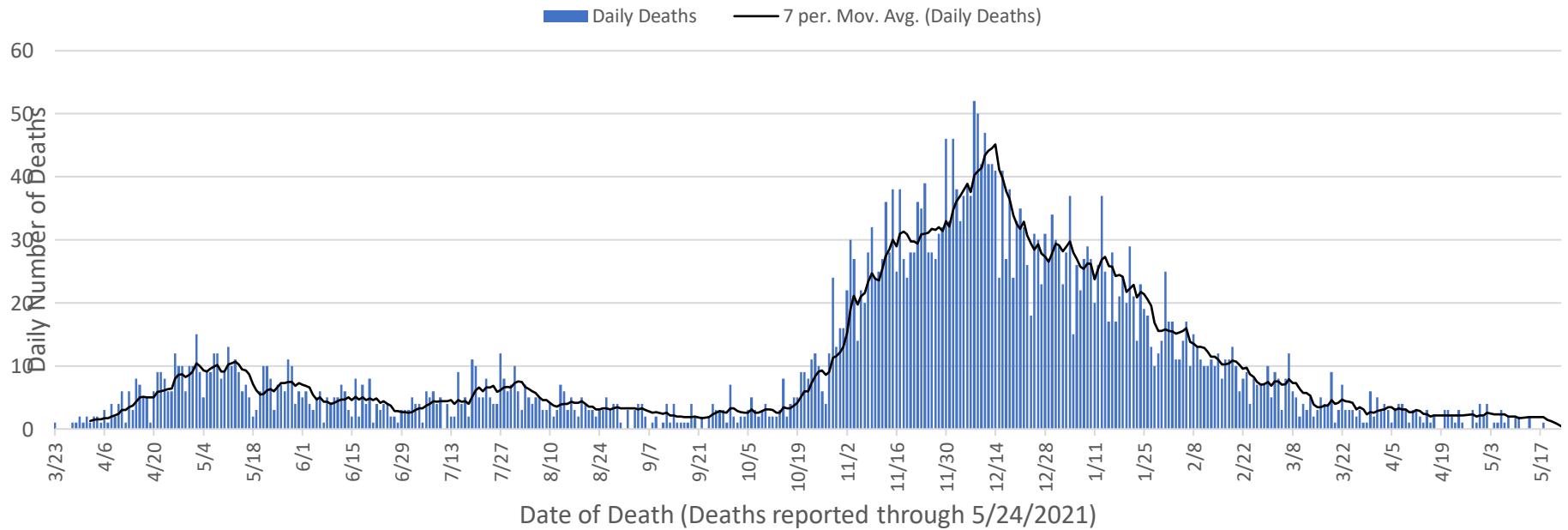
May 25, 2021

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

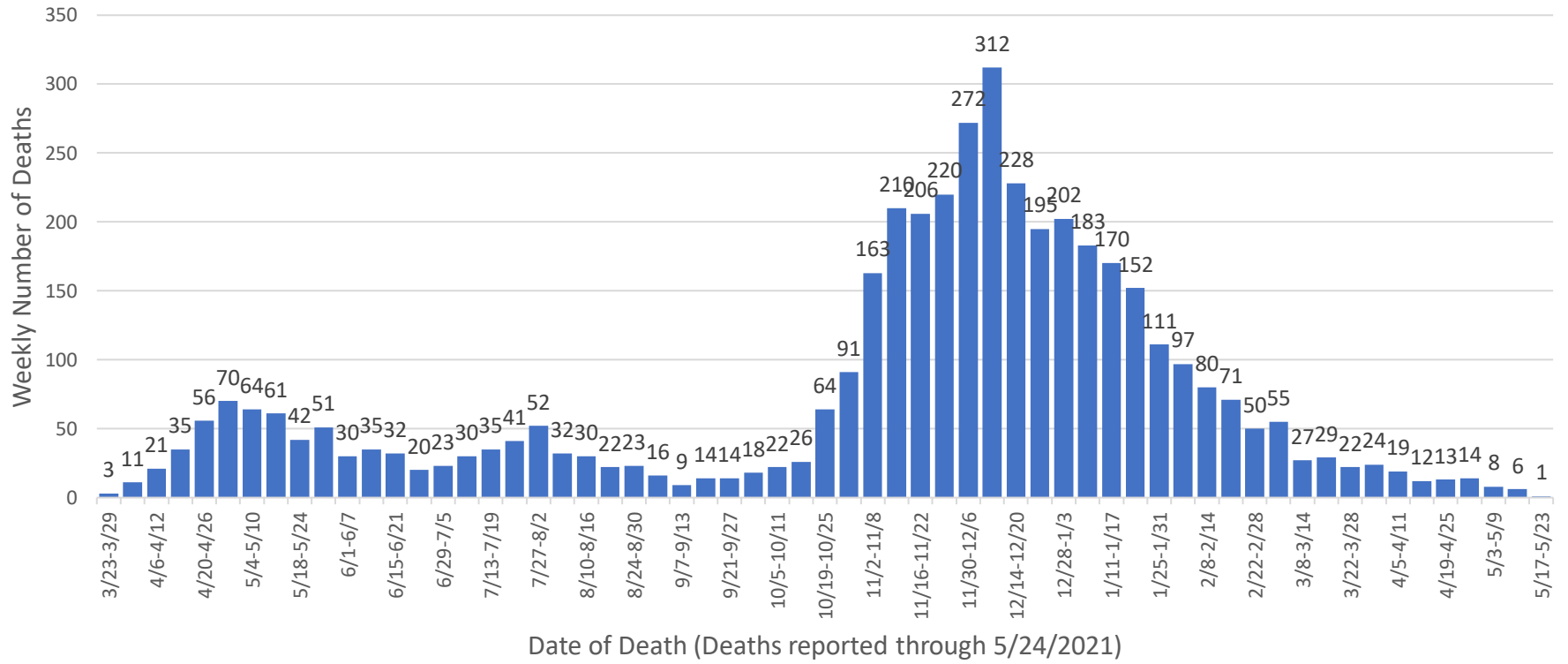
Total Deaths	Deaths in the Last 14 Days
4,245	7

## SECTION 1: DEATH COUNTS

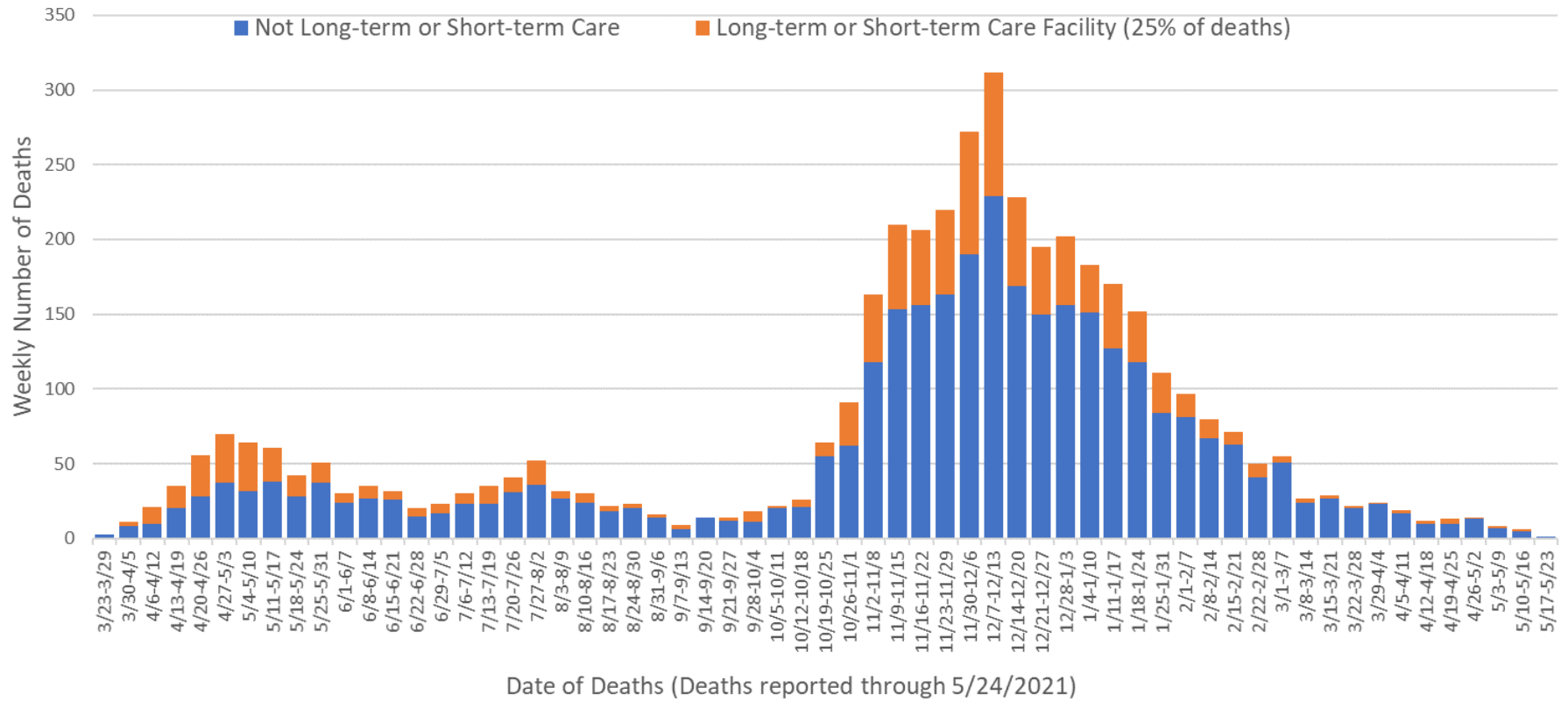
### Daily Number of Deaths and 7-day Moving Average



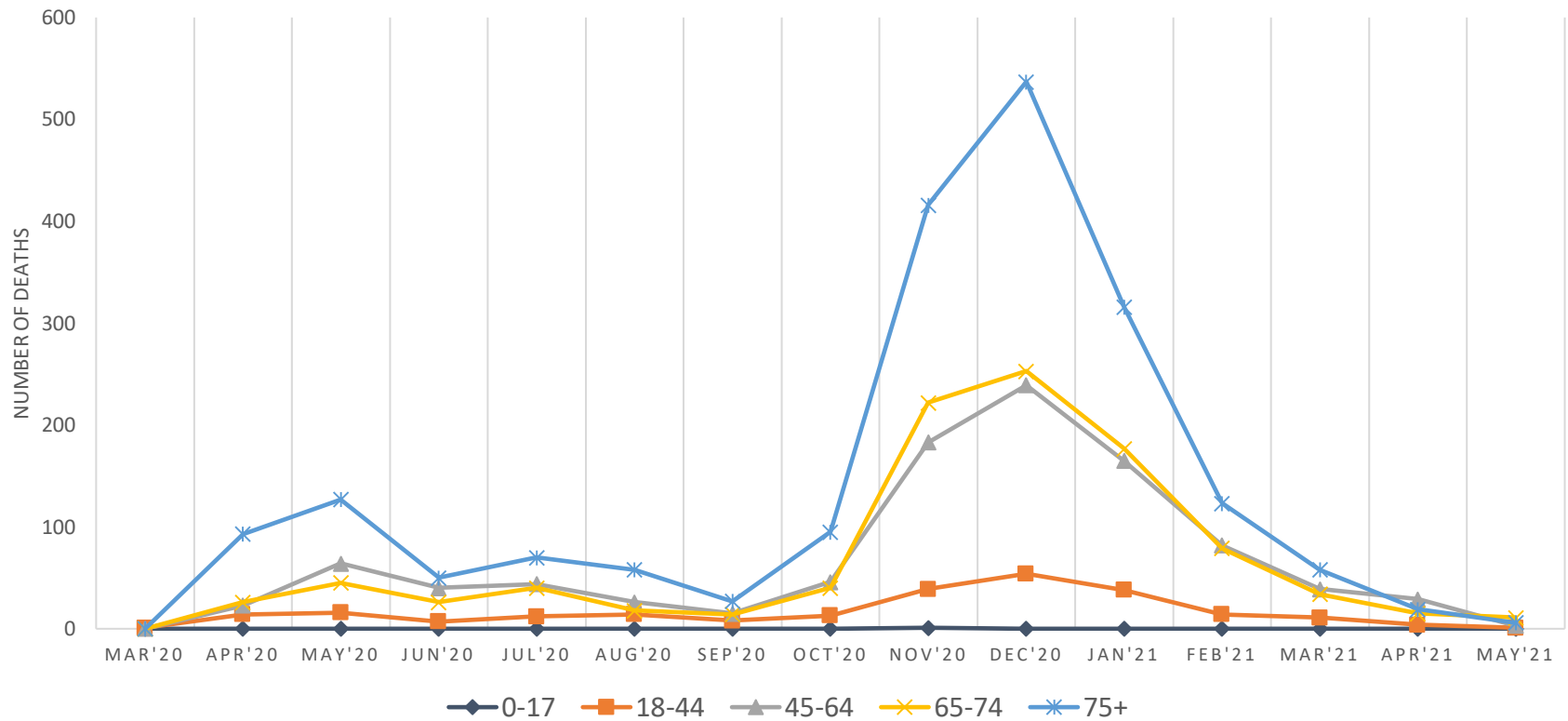
## Number of Deaths Each Week



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

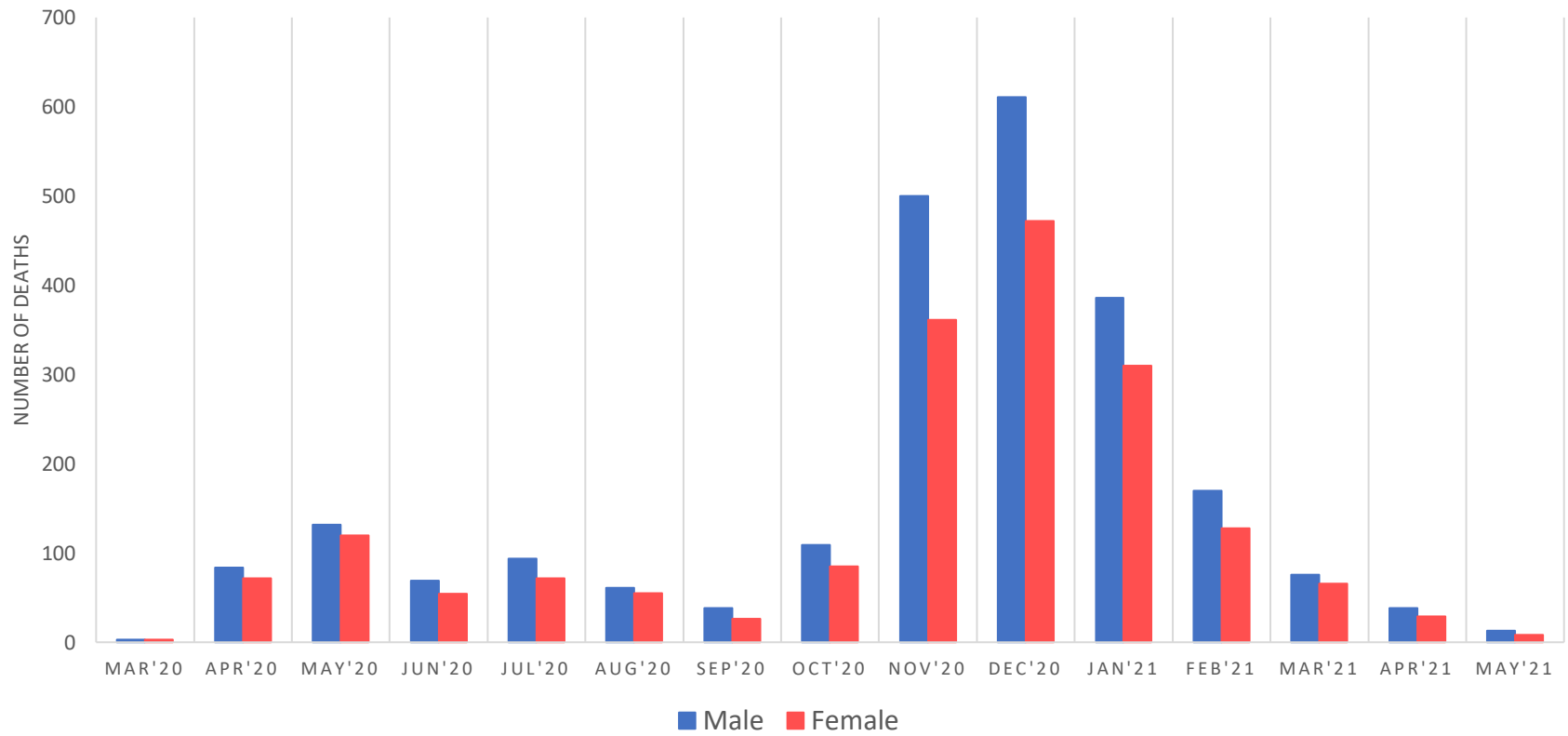


## Number of Deaths by Age Group Each Month



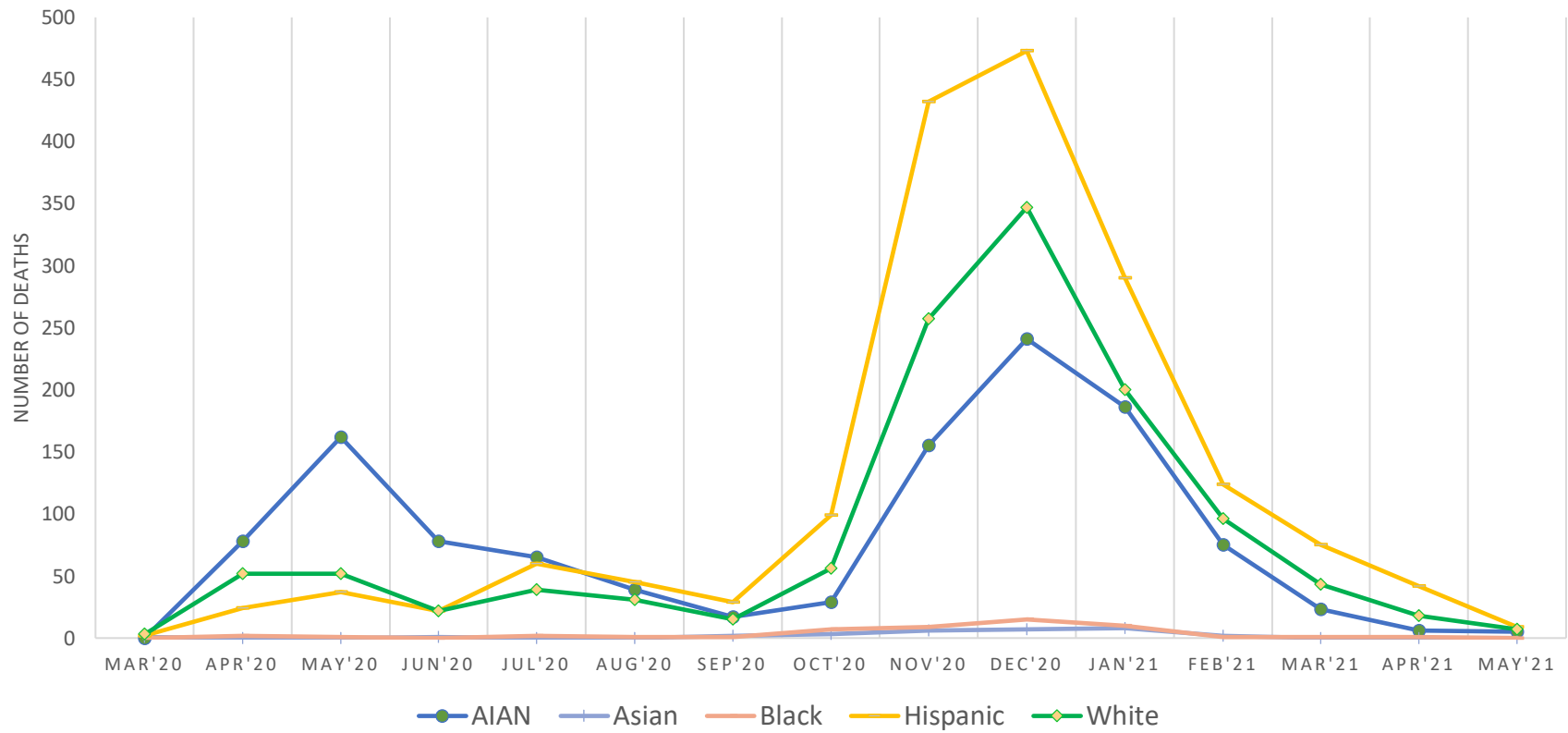
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
<b>0-17</b>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
<b>18-44</b>	1	14	16	7	12	14	8	13	39	54	38	14	11	4	1	246
<b>45-64</b>	0	23	64	40	44	26	15	46	183	239	165	82	39	29	3	998
<b>65-74</b>	1	26	45	26	40	18	14	40	222	253	177	79	34	15	11	1001
<b>75+</b>	4	93	127	50	70	58	27	95	416	537	316	123	58	19	6	1999
<b>Total</b>	6	156	252	123	166	116	64	194	861	1083	696	298	142	67	21	4245

## Number of Deaths by Gender Each Month



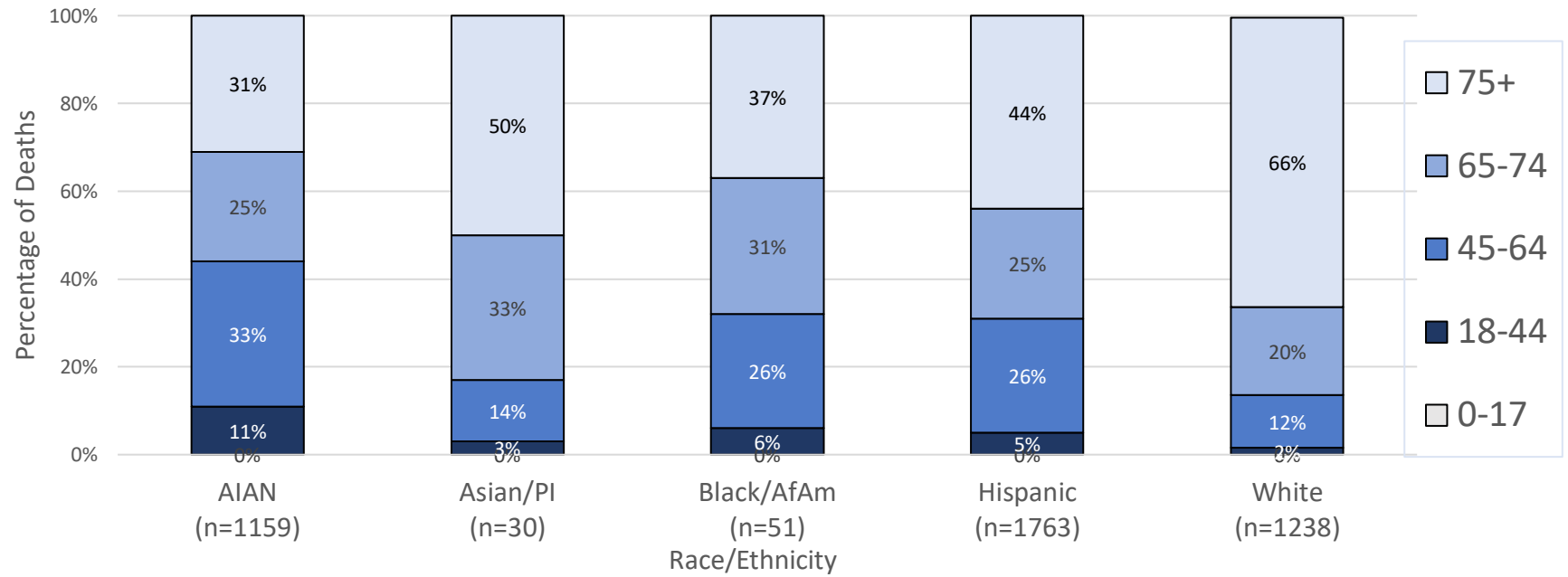
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
<b>Male</b>	3	84	132	69	94	61	38	109	500	611	386	170	76	38	13	2384
<b>Female</b>	3	72	120	54	72	55	26	85	361	472	310	128	66	29	8	1861
<b>Total</b>	6	156	252	123	166	116	64	194	861	1083	696	298	142	67	21	4245

## Number of Deaths by Race/Ethnicity Each Month

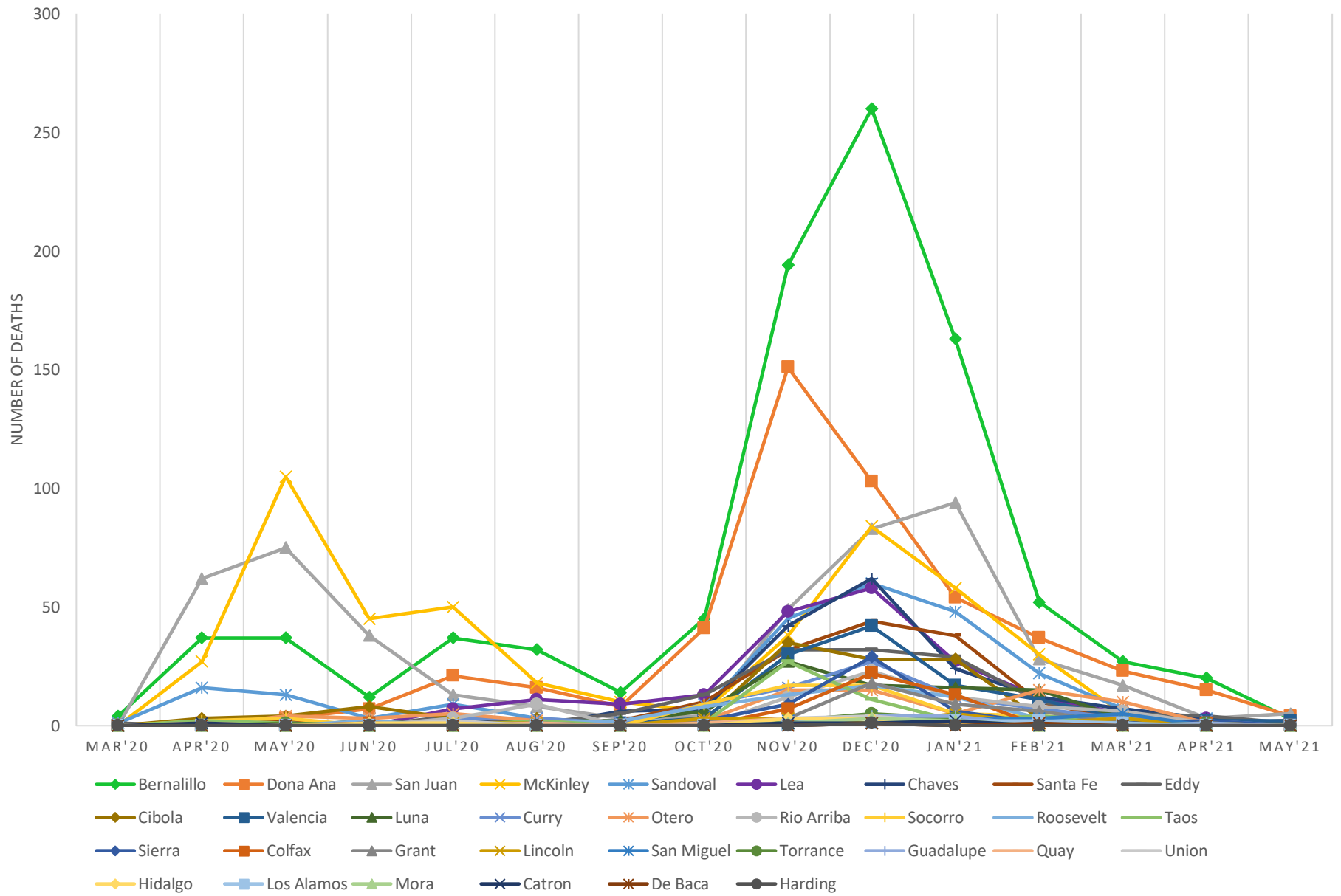


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
<b>AIAN</b>	0	78	162	78	65	39	17	29	155	241	186	75	23	6	5	1159
<b>Asian</b>	1	0	0	1	0	0	2	3	6	7	8	2	0	0	0	30
<b>Black</b>	0	2	1	0	2	1	1	7	9	15	10	1	1	1	0	51
<b>Hispanic</b>	2	24	37	22	60	45	29	99	432	473	290	124	75	42	9	1763
<b>White</b>	3	52	52	22	39	31	15	56	257	347	200	96	43	18	7	1238
<b>Unknown</b>	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	4
<b>Total</b>	6	156	252	123	166	116	64	194	861	1083	696	298	142	67	21	4245

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



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

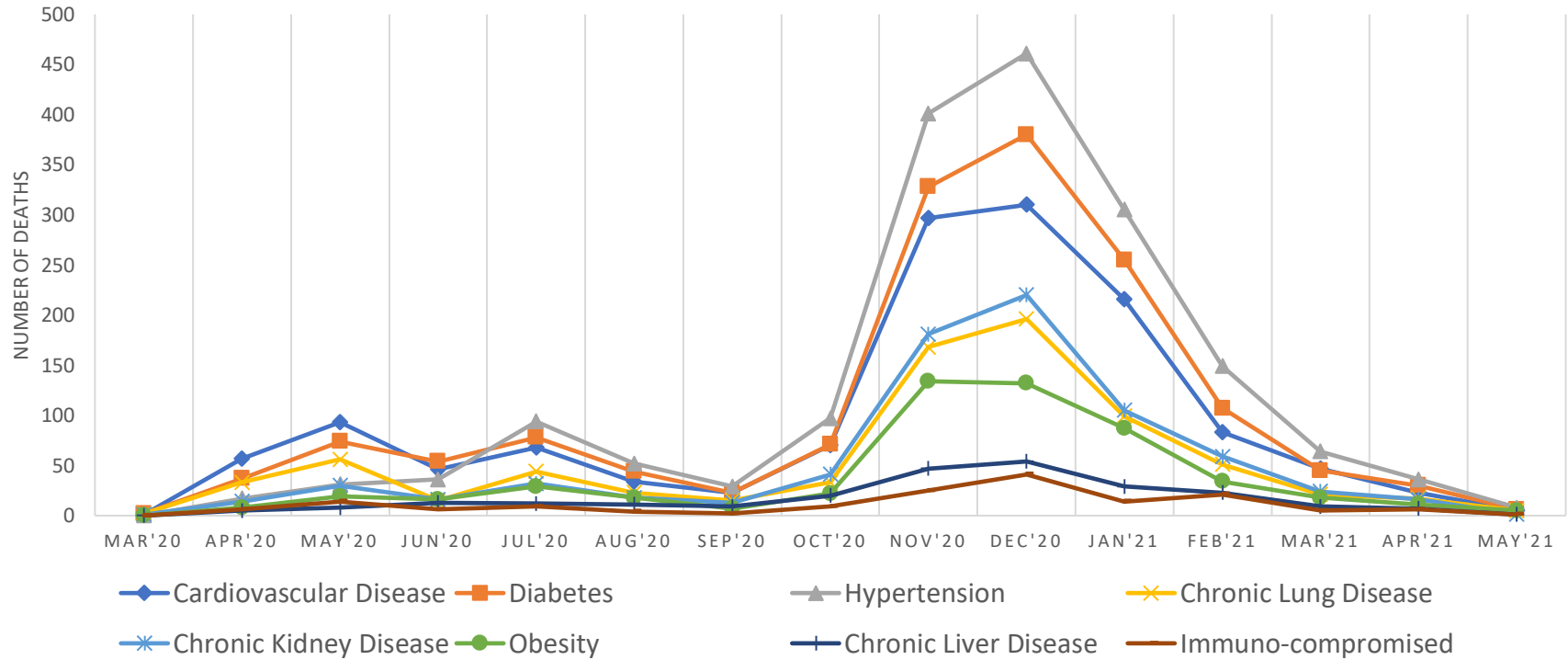




## Number of deaths by New Mexico County of residence each month – continued

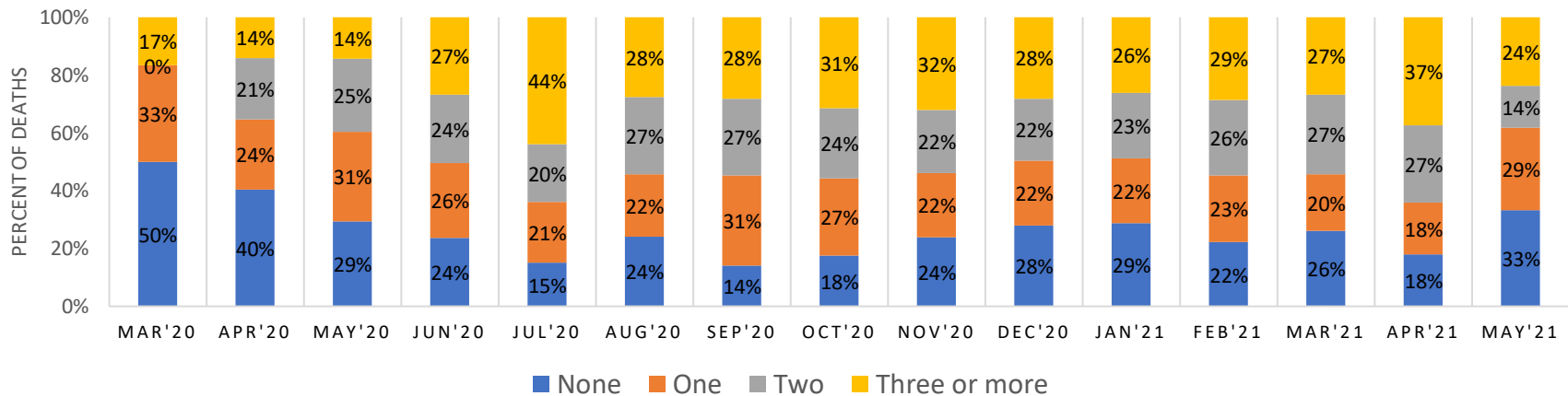
County of Residence	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
Bernalillo	4	37	37	12	37	32	14	45	194	260	163	52	27	20	3	937
Dona Ana	0	1	3	7	21	16	8	41	151	103	54	37	23	15	4	484
San Juan	0	62	75	38	13	8	3	4	49	83	94	28	17	3	5	482
McKinley	0	27	105	45	50	18	10	6	38	84	58	30	5	1	0	477
Sandoval	1	16	13	3	9	3	1	7	45	60	48	22	7	3	1	239
Lea	0	0	0	0	7	11	9	13	48	58	27	12	5	3	1	194
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	0	169
Santa Fe	0	2	2	0	0	1	2	10	32	44	38	10	2	1	2	146
Eddy	1	0	0	0	4	1	5	13	32	32	29	10	5	4	1	137
Cibola	0	3	4	8	3	3	0	2	35	28	28	3	3	1	2	123
Valencia	0	0	1	0	2	0	1	3	30	42	17	11	3	2	2	114
Luna	0	1	0	2	0	2	2	6	27	17	16	15	3	1	0	92
Curry	0	0	0	0	3	3	1	9	16	27	12	7	3	2	0	83
Otero	0	0	4	3	5	2	0	2	15	15	5	15	10	1	0	77
Rio Arriba	0	0	1	0	3	9	0	0	12	23	12	8	6	1	0	75
Socorro	0	2	3	0	1	0	0	9	17	17	5	4	2	0	0	60
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	59
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	53
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	52
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	44
Grant	0	0	0	0	1	0	0	2	3	18	9	6	1	0	0	40
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	0	18
San Miguel	0	0	0	0	0	0	0	0	2	4	3	3	5	0	0	17
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	13
Guadalupe	0	0	0	0	0	1	0	0	1	4	4	0	0	1	0	11
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	0	10
Union	0	0	0	0	2	0	0	0	3	4	1	0	0	0	0	10
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	0	0	9
Los Alamos	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	6
Mora	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	5
De Baca	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
Harding	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Total</b>	<b>6</b>	<b>156</b>	<b>252</b>	<b>123</b>	<b>166</b>	<b>116</b>	<b>64</b>	<b>194</b>	<b>861</b>	<b>1083</b>	<b>696</b>	<b>298</b>	<b>142</b>	<b>67</b>	<b>21</b>	<b>4245</b>

## Number of Deaths by Underlying Conditions Each Month



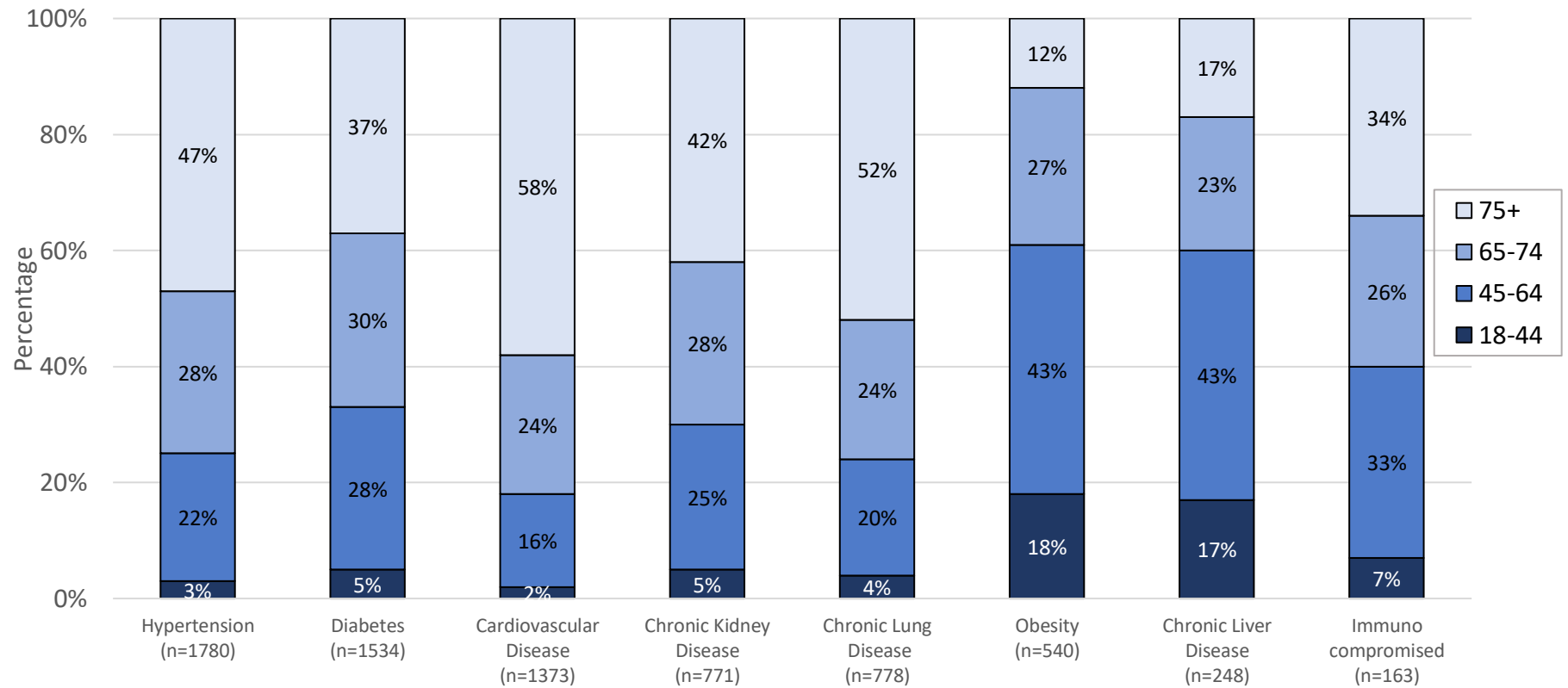
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
<b>Hypertension</b>	0	17	31	36	94	52	29	97	401	461	305	149	64	36	8	1780
<b>Diabetes</b>	2	37	74	54	78	44	23	71	328	380	255	107	45	30	6	1534
<b>Cardiovascular Disease</b>	1	57	93	46	68	34	23	70	297	310	216	83	47	23	5	1373
<b>Chronic Kidney Disease</b>	1	14	30	16	32	18	13	41	181	220	105	59	24	16	1	771
<b>Chronic Lung Disease</b>	2	33	56	15	44	23	15	33	168	196	99	51	21	17	5	778
<b>Obesity</b>	0	8	19	16	29	18	7	22	134	132	87	34	18	11	5	540
<b>Chronic Liver Disease</b>	0	5	8	13	12	11	9	20	47	54	29	23	9	7	1	248
<b>Immuno-compromised</b>	0	6	14	6	9	4	2	9	25	41	14	21	5	6	1	163

## Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Total
<b>None</b>	3	63	74	29	25	28	9	34	205	303	200	66	37	12	7	1095
<b>One</b>	2	38	78	32	35	25	20	52	192	242	156	69	28	12	6	987
<b>Two</b>	0	33	64	29	33	31	17	47	187	233	158	78	39	18	3	970
<b>Three or more</b>	1	22	36	33	73	32	18	61	277	305	182	85	38	25	5	1193
<b>Total</b>	6	156	252	123	166	116	64	194	861	1083	696	298	142	67	21	4245

## Percentage of Deaths by Underlying Condition and Age Group

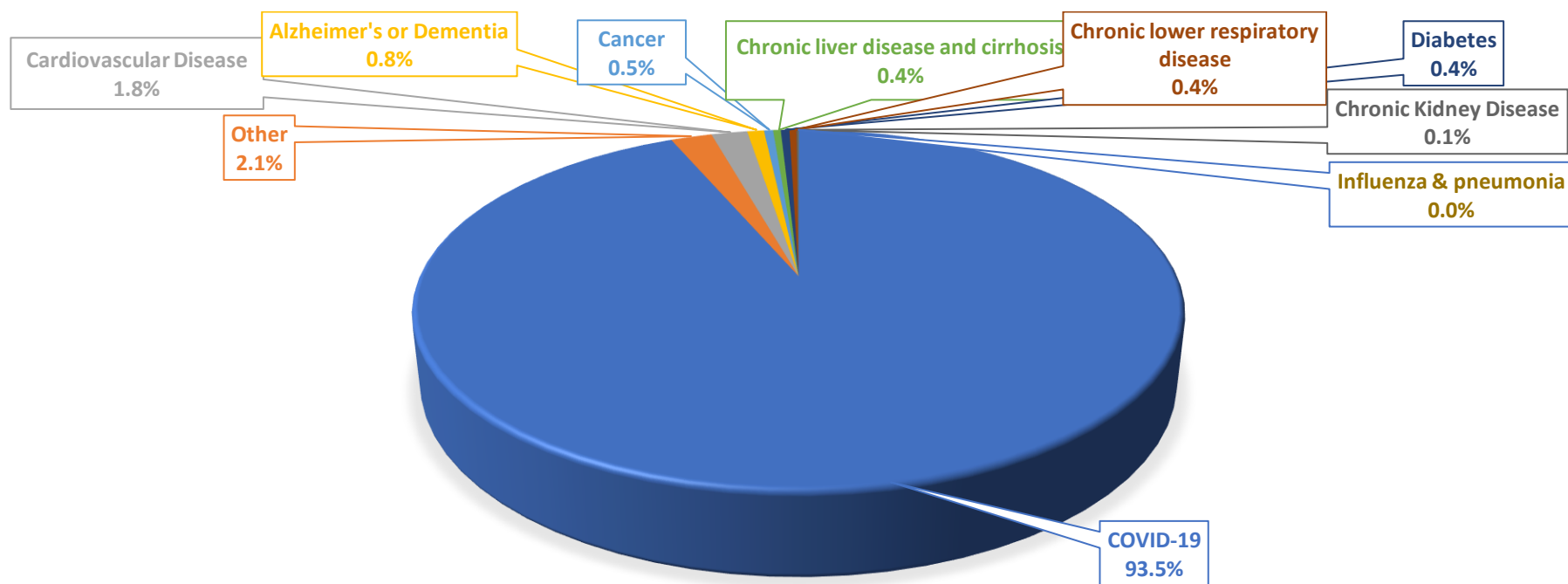


## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
<b>Yes</b>	<b>Yes</b>	3954	93.1%
<b>Yes</b>	<b>Pending</b>	39	0.9%
<b>No</b>	<b>Yes</b>	252	5.9%
<b>Total</b>		4245	100.0%

\* Positive RT-PCR or Rapid Test

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



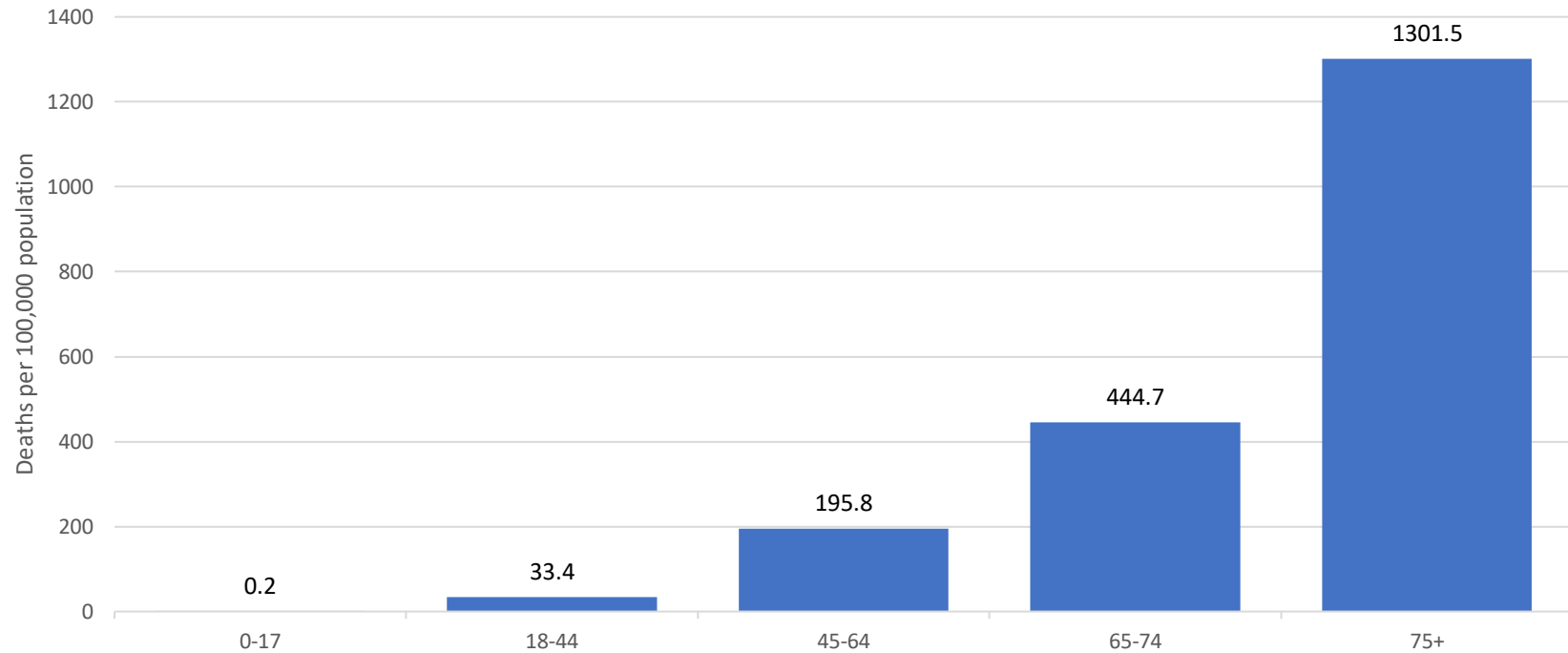
Underlying Cause	Number of Deaths*	Percent
<b>COVID-19</b>	3886	93.5%
<b>Other</b>	86	2.1%
<b>Cardiovascular Disease</b>	75	1.8%
<b>Alzheimer's or Dementia</b>	35	0.8%
<b>Cancer</b>	19	0.5%
<b>Chronic liver disease and cirrhosis</b>	16	0.4%
<b>Diabetes</b>	18	0.4%
<b>Chronic lower respiratory disease</b>	15	0.4%
<b>Chronic Kidney Disease</b>	3	0.1%
<b>Influenza &amp; pneumonia</b>	1	0.0%
<b>Total</b>	4154	100.0%

\*Excludes 91 (2%) deaths which have not yet been coded by the National Center for Health Statistics.

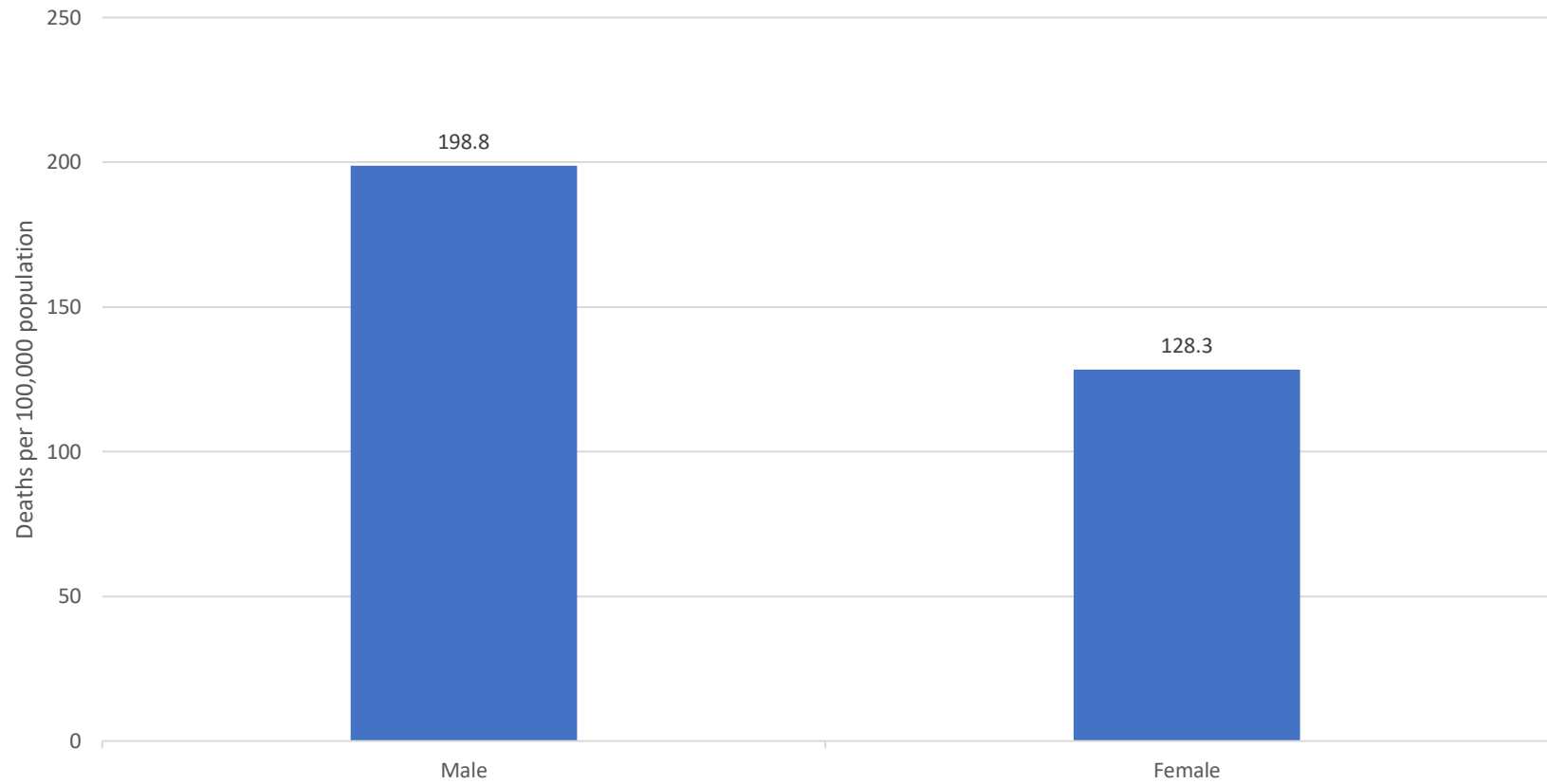
## SECTION 2: MORTALITY RATES

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

**Note: This graph was in error for the reports on February 1, 2021 – March 22, 2021 due to incorrect population denominators. We regret the error and appreciate being notified of it.**

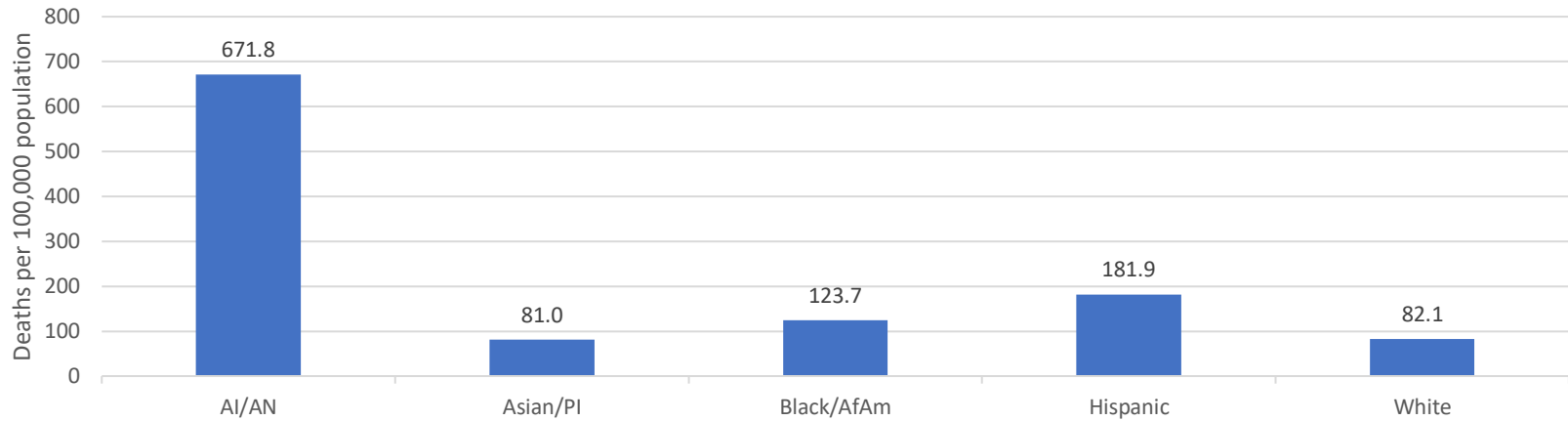


## Age-adjusted Mortality Rate per 100,000 Population by Gender

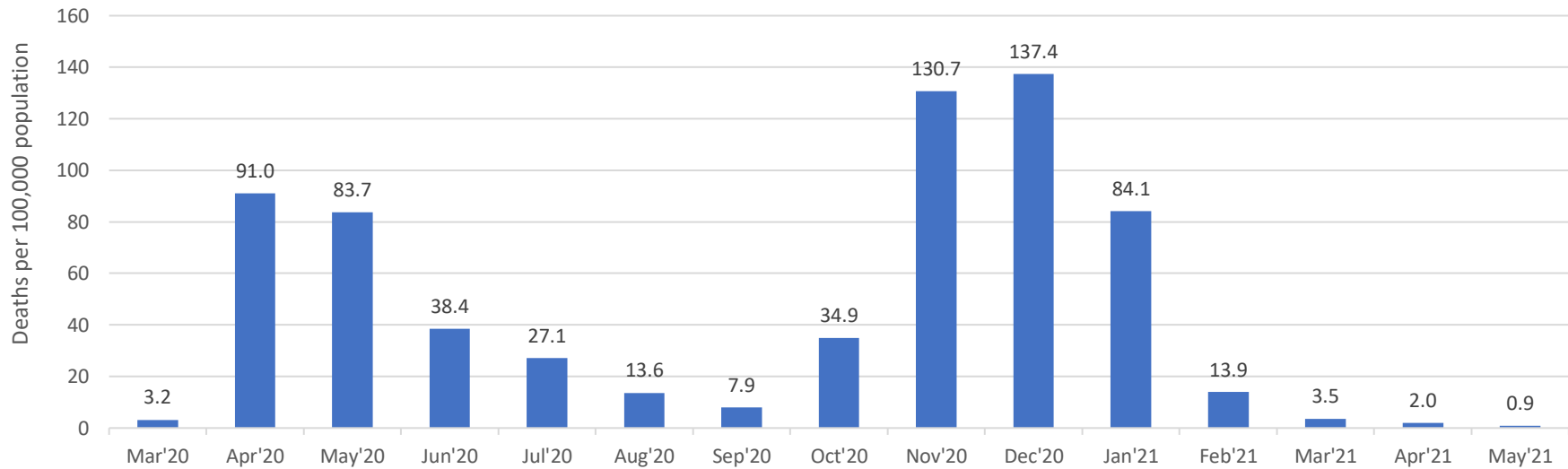




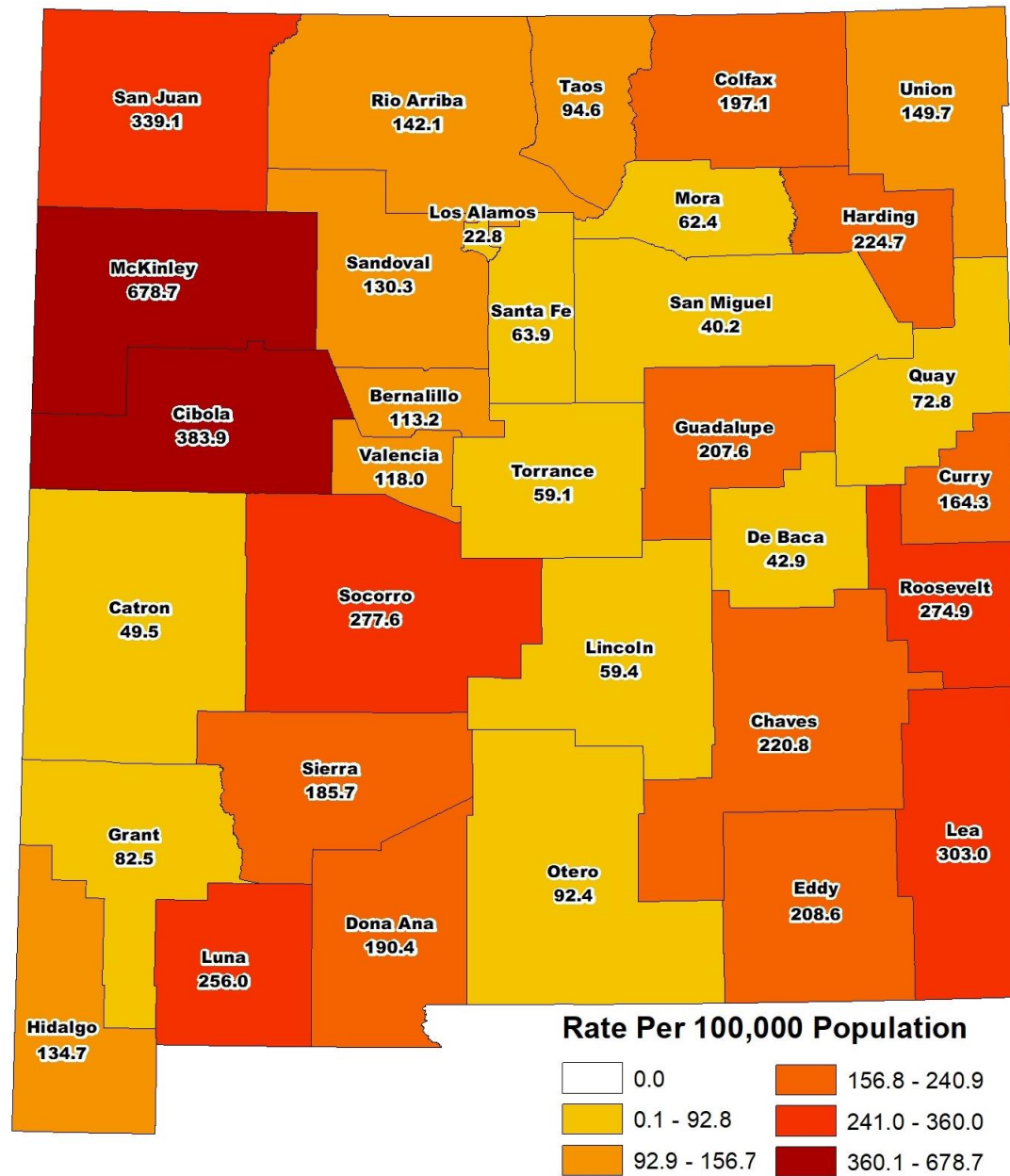
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



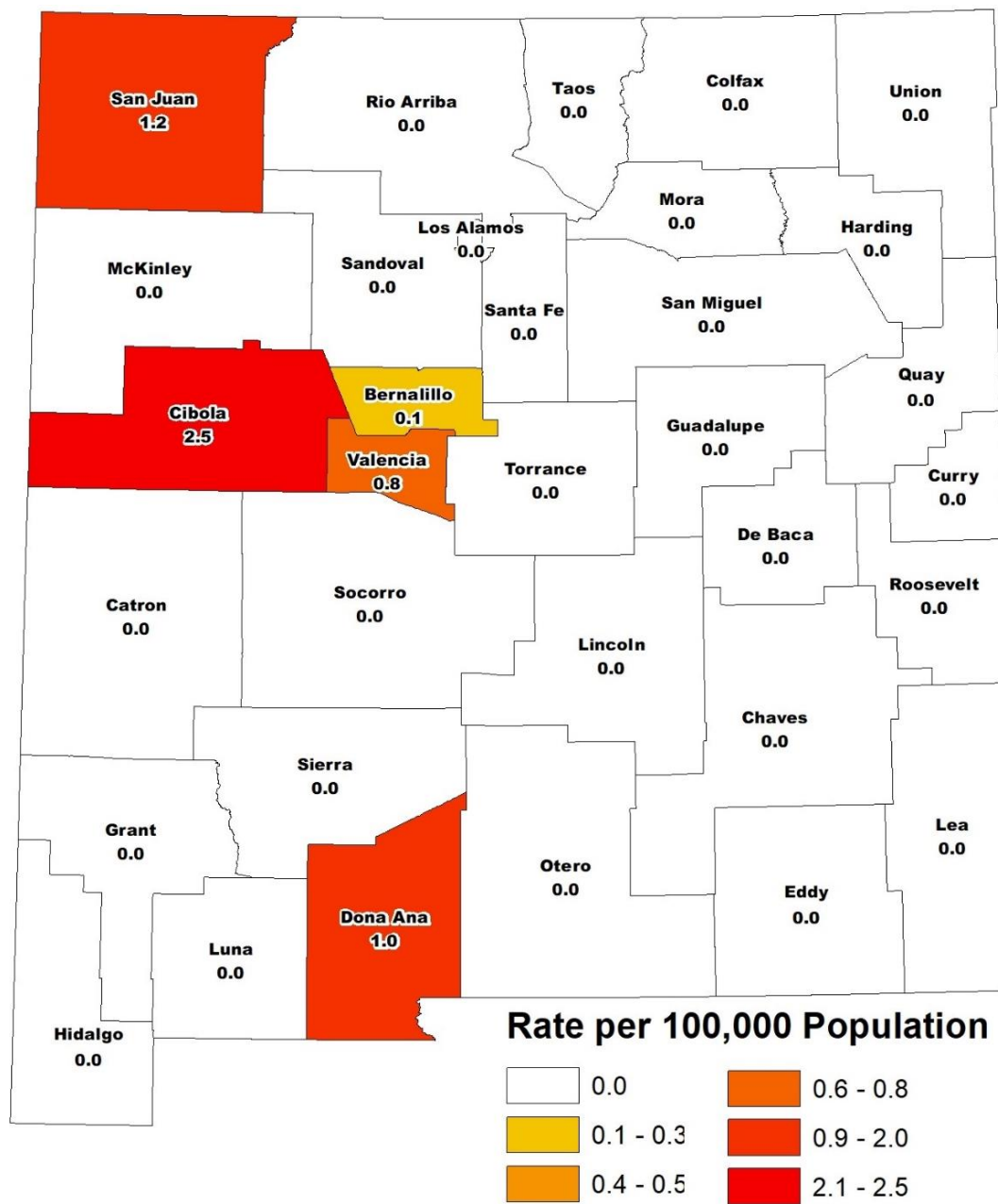
### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test



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

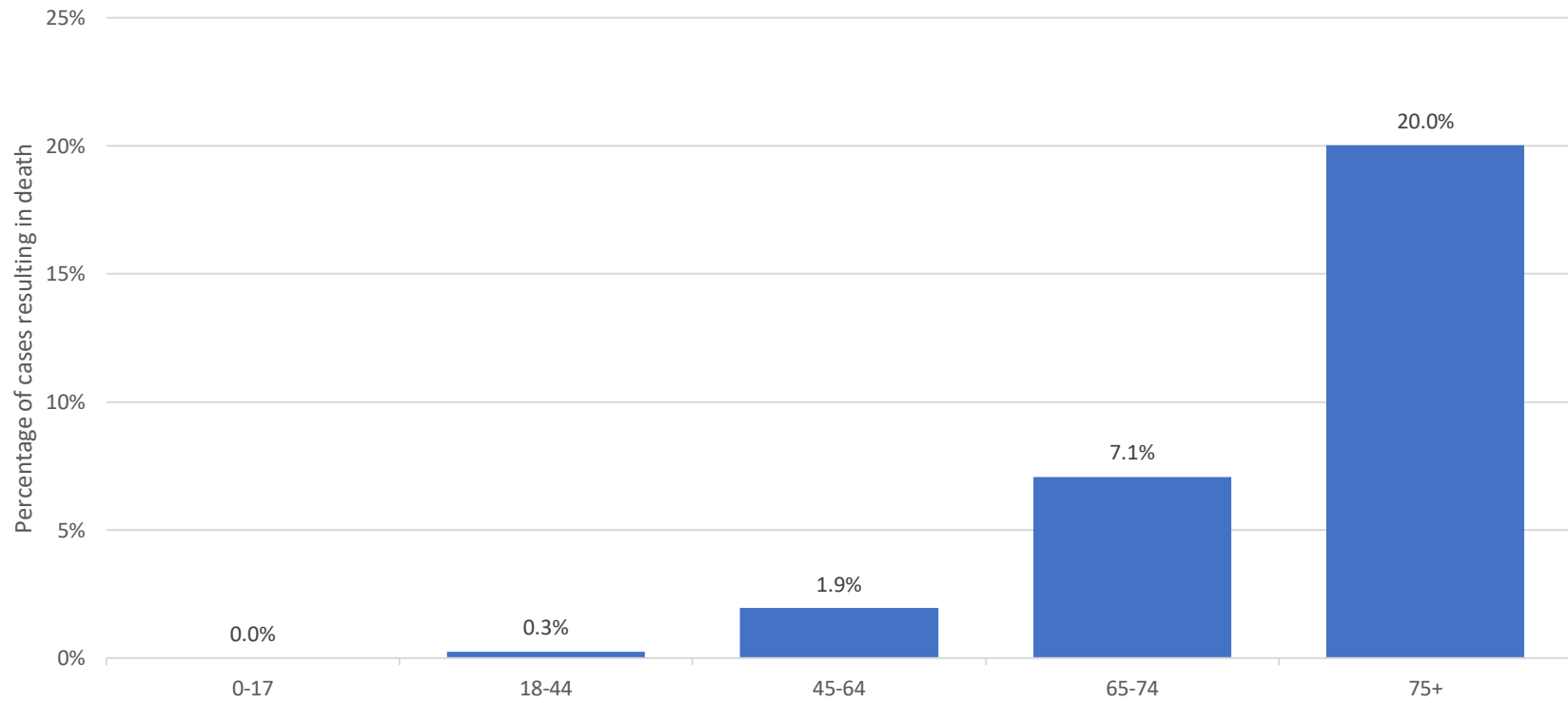


# Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

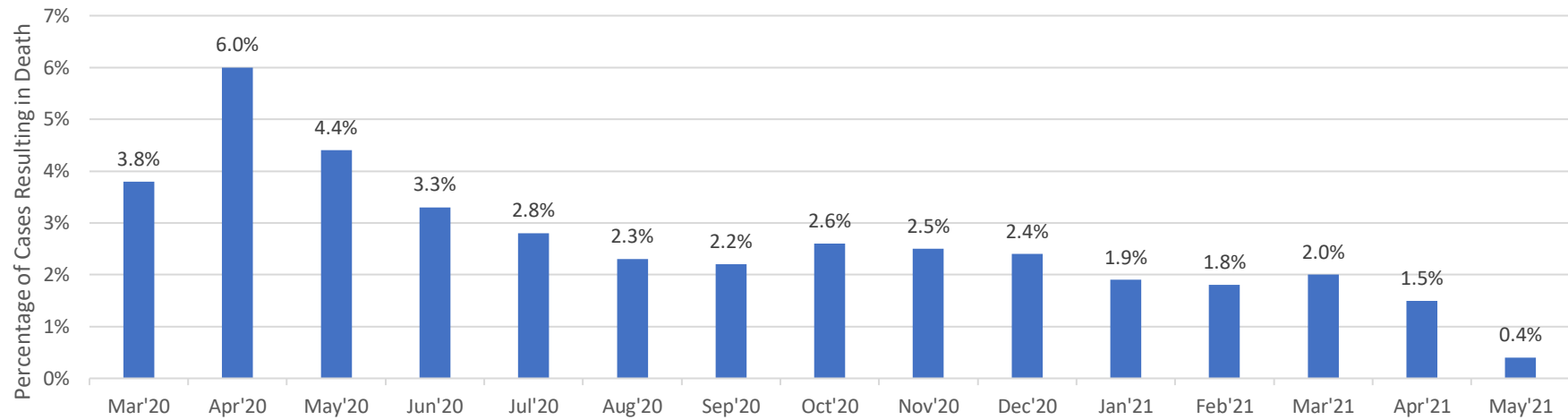


## SECTION 3: CASE FATALITY RATES

### Case Fatality Rate by Age Group



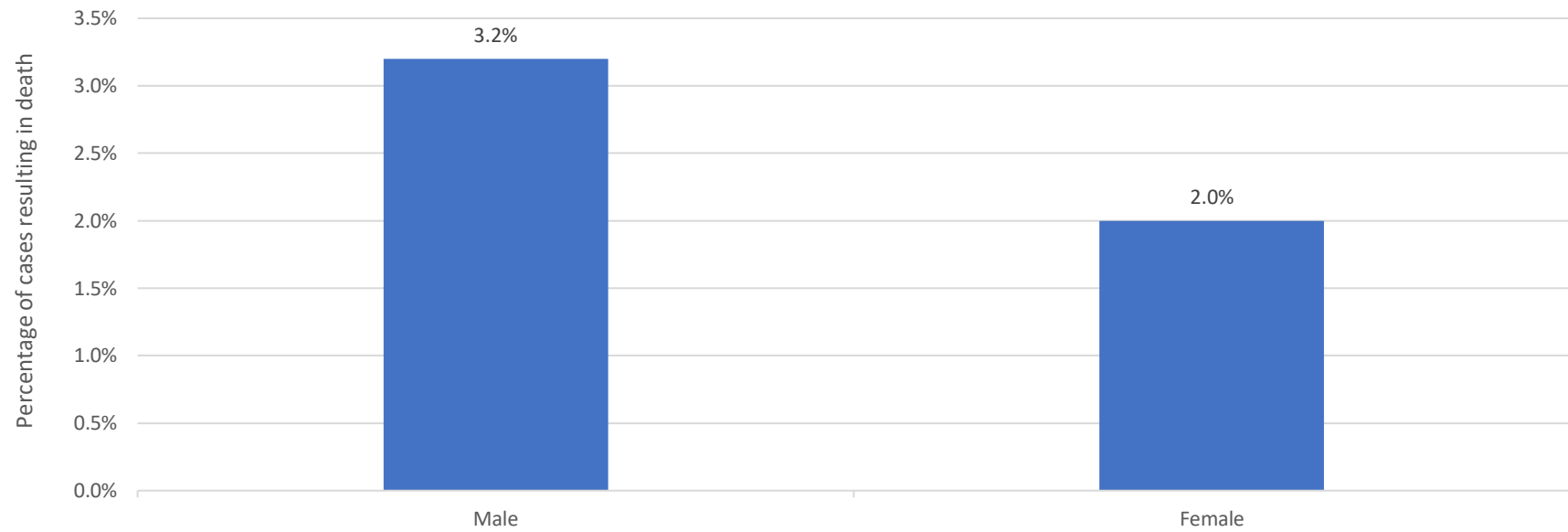
## Age-adjusted\* Case Fatality Case Fatality Rate by Month of 1<sup>st</sup> Positive Test



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

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

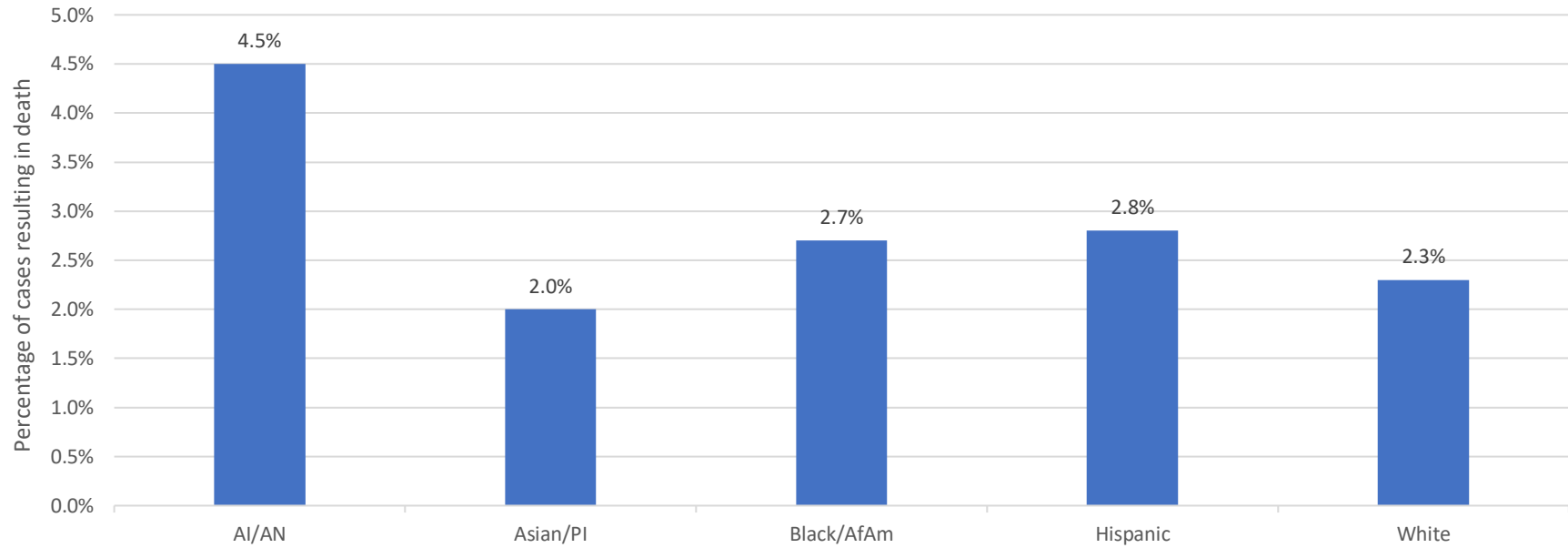
## Age-adjusted\* Case Fatality Rate by Gender



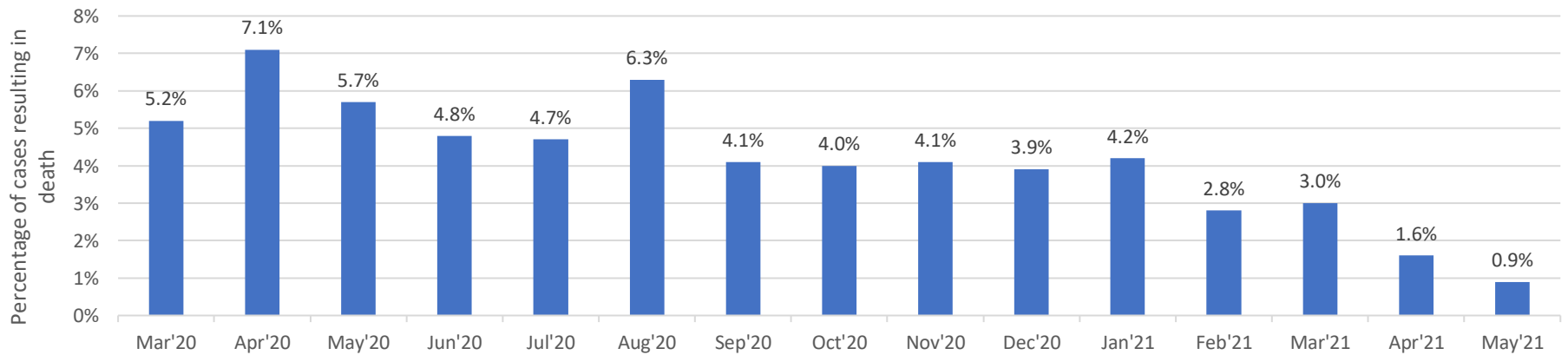
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

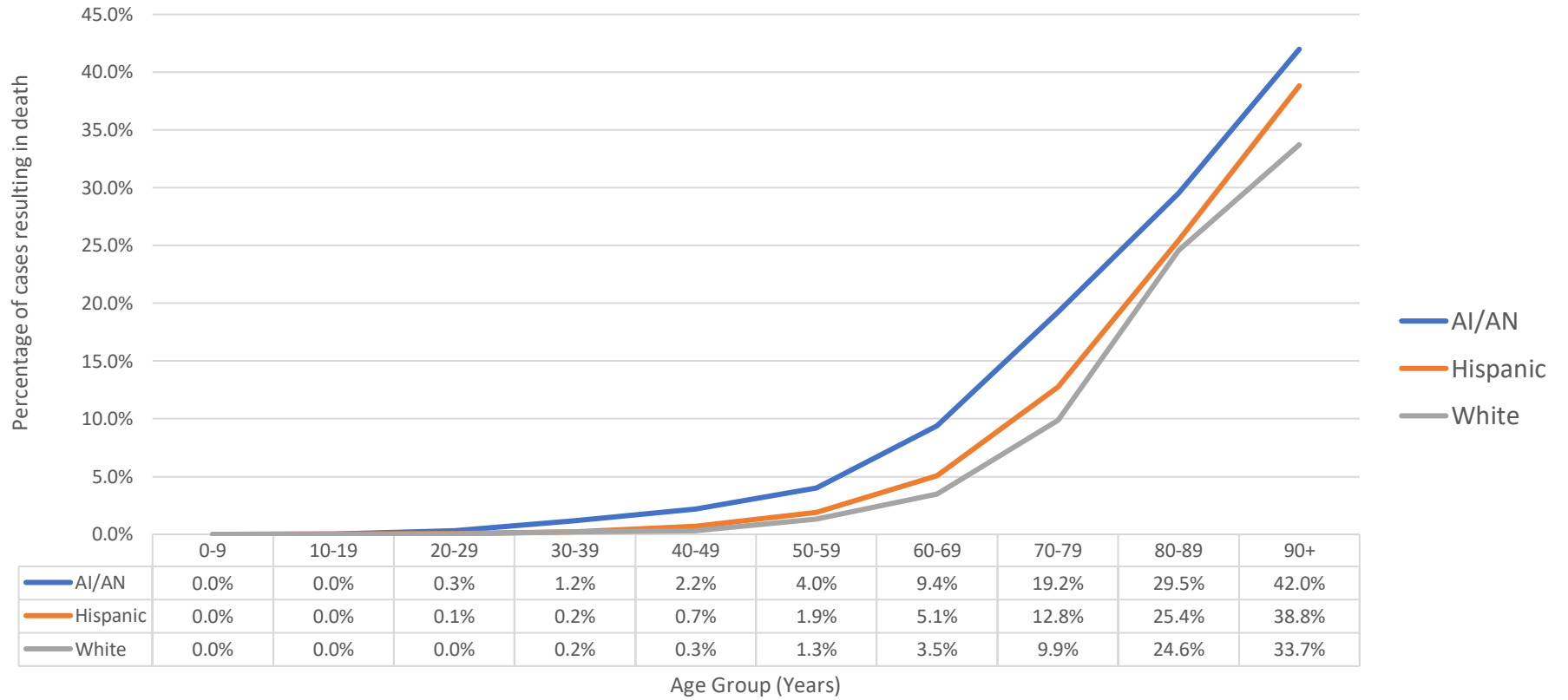
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



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

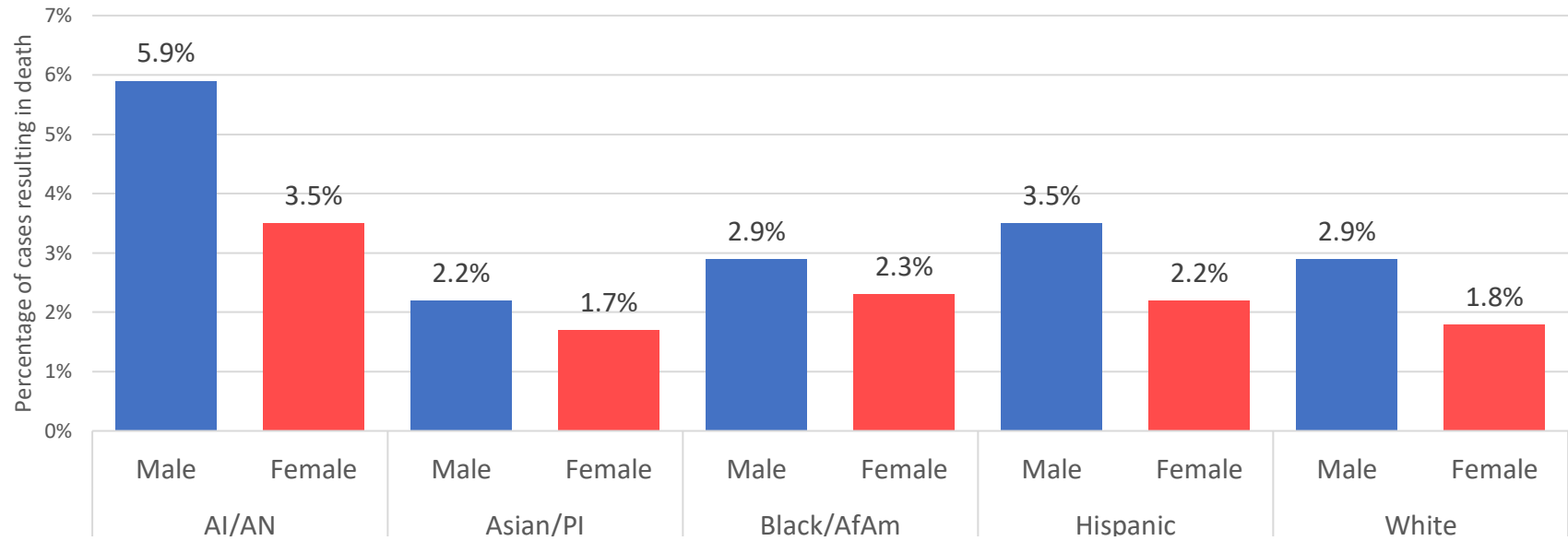


### Case Fatality Rate by Race/Ethnicity and Age Group

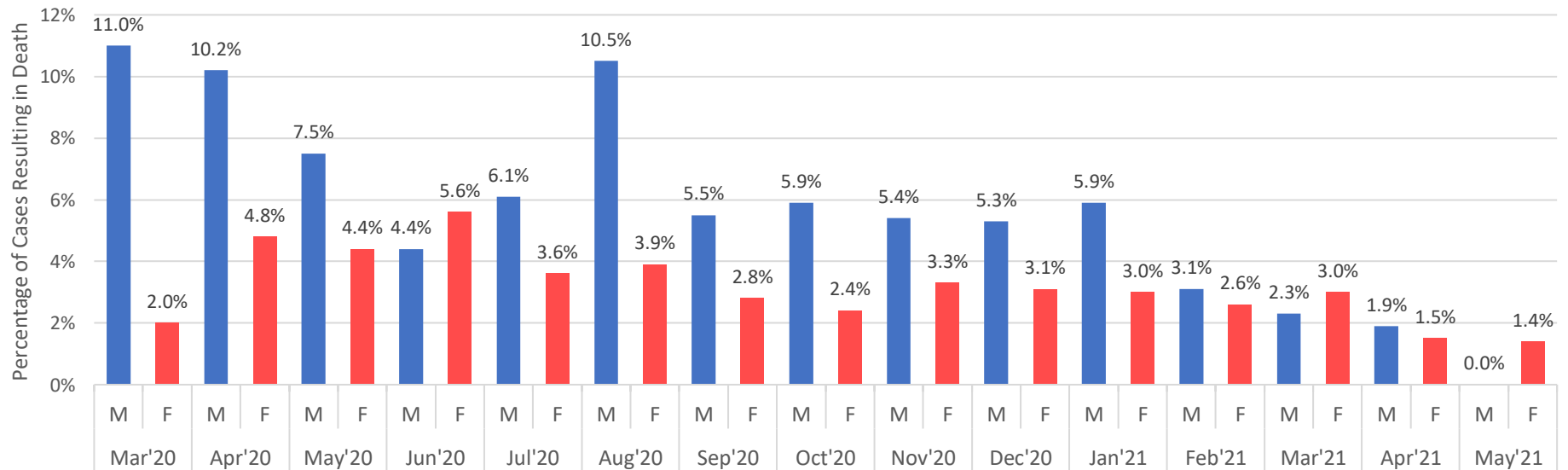




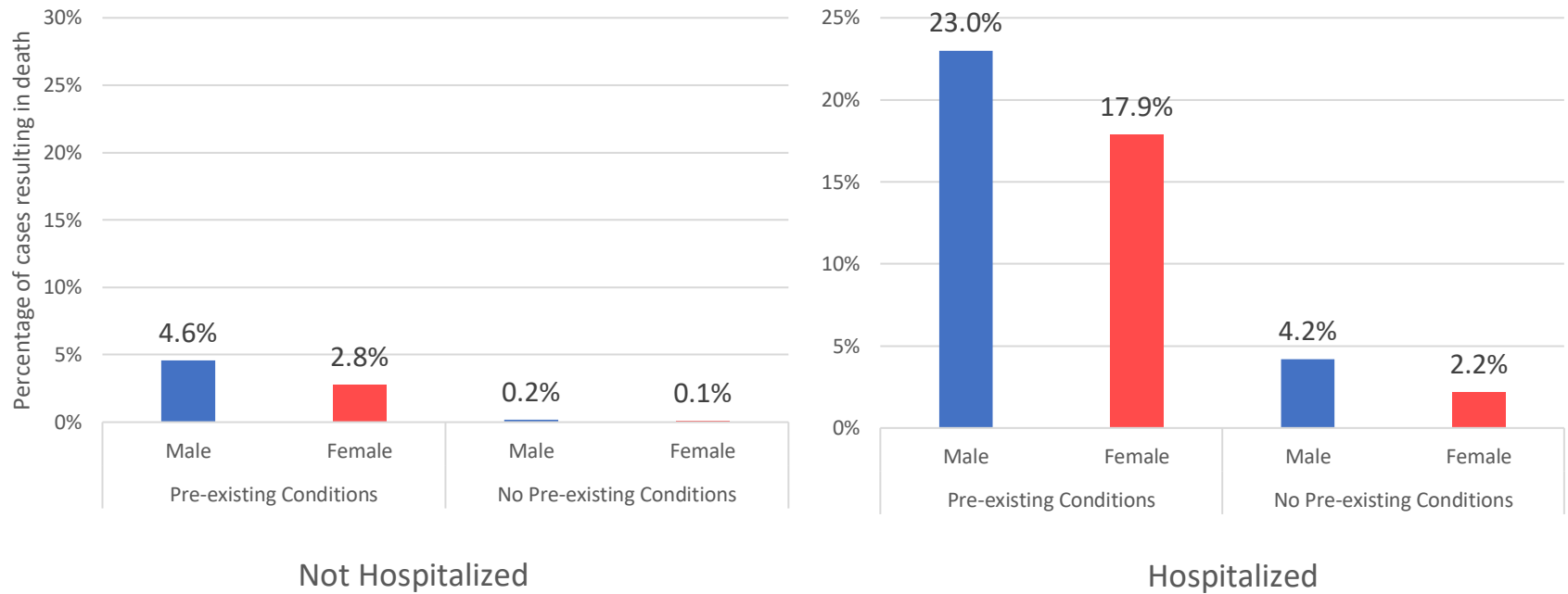
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity and Gender



### 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://covid.cdc.gov/covid-data-tracker/#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.
- **Adjustment to the baseline death count.** On 5/24/2021, NMDOH released the results of an audit of COVID-19 related deaths. The net result was the addition of 113 deaths based on death certification which included COVID-19 as cause of death.