

# NEW MEXICO COVID-19 MORTALITY UPDATE

February 15, 2021

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

Total Deaths

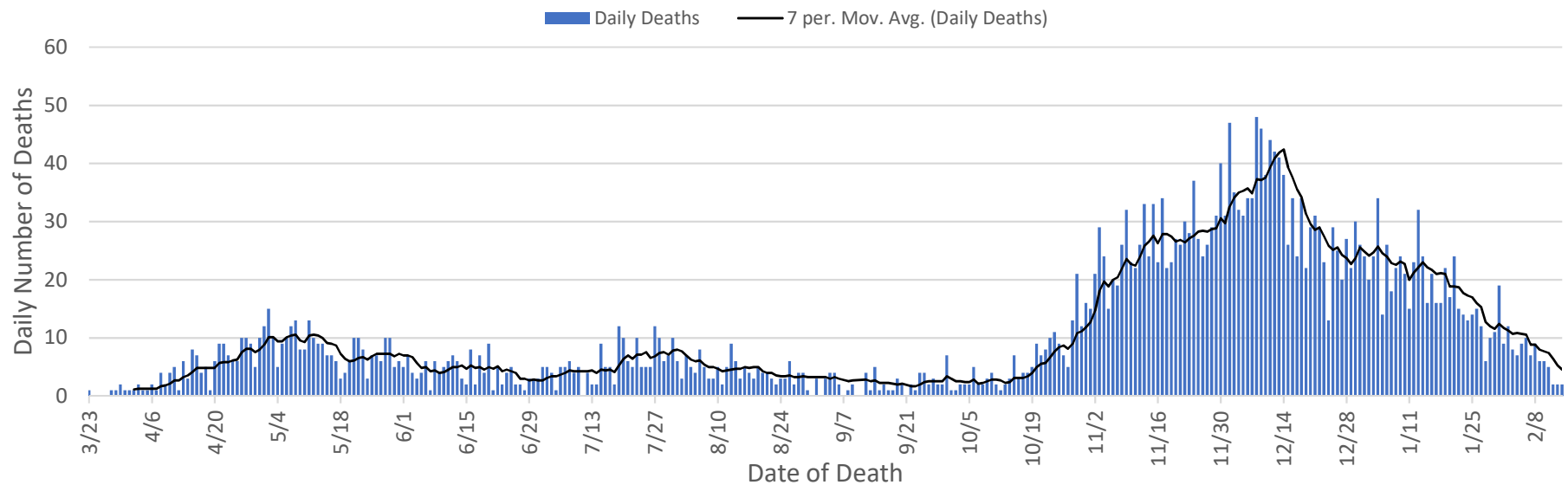
3,538

Deaths in the Last 14 Days

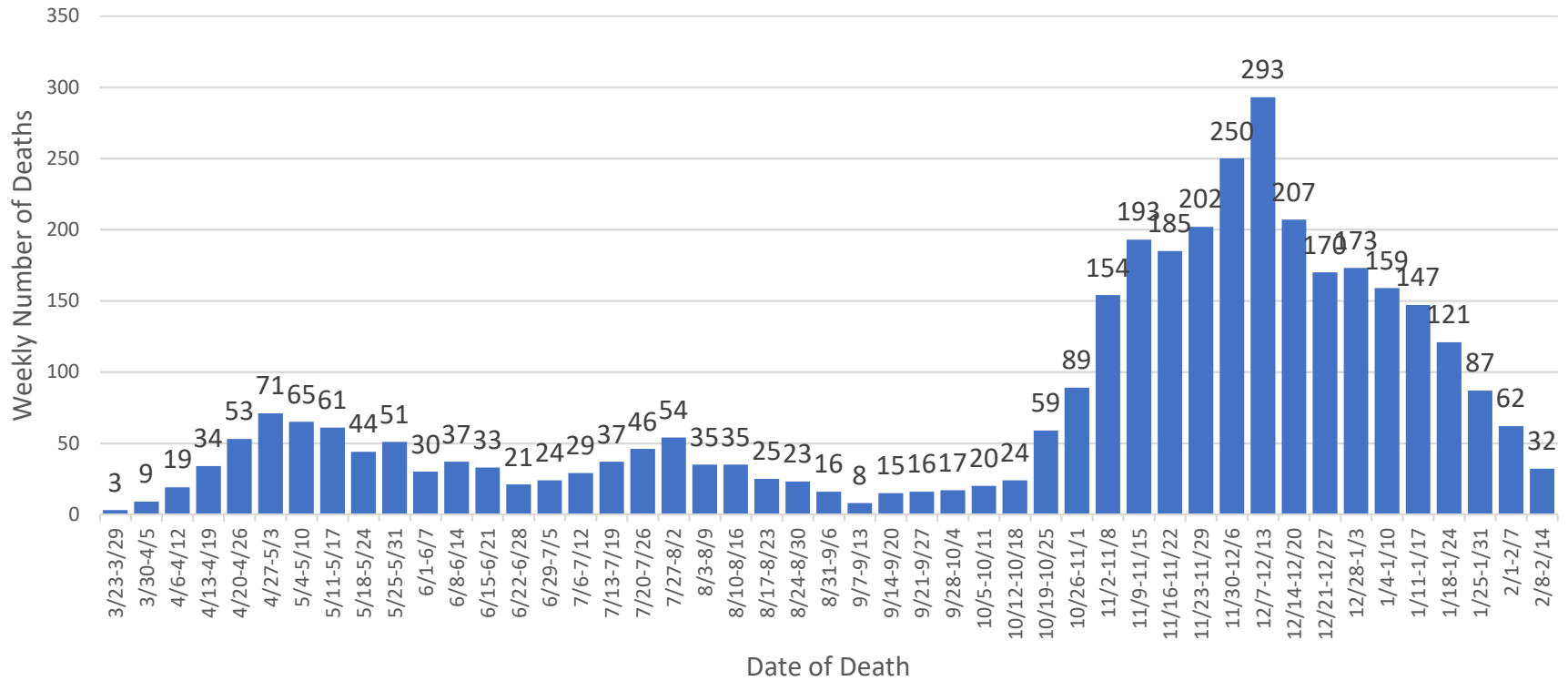
94

## SECTION 1: DEATH COUNTS

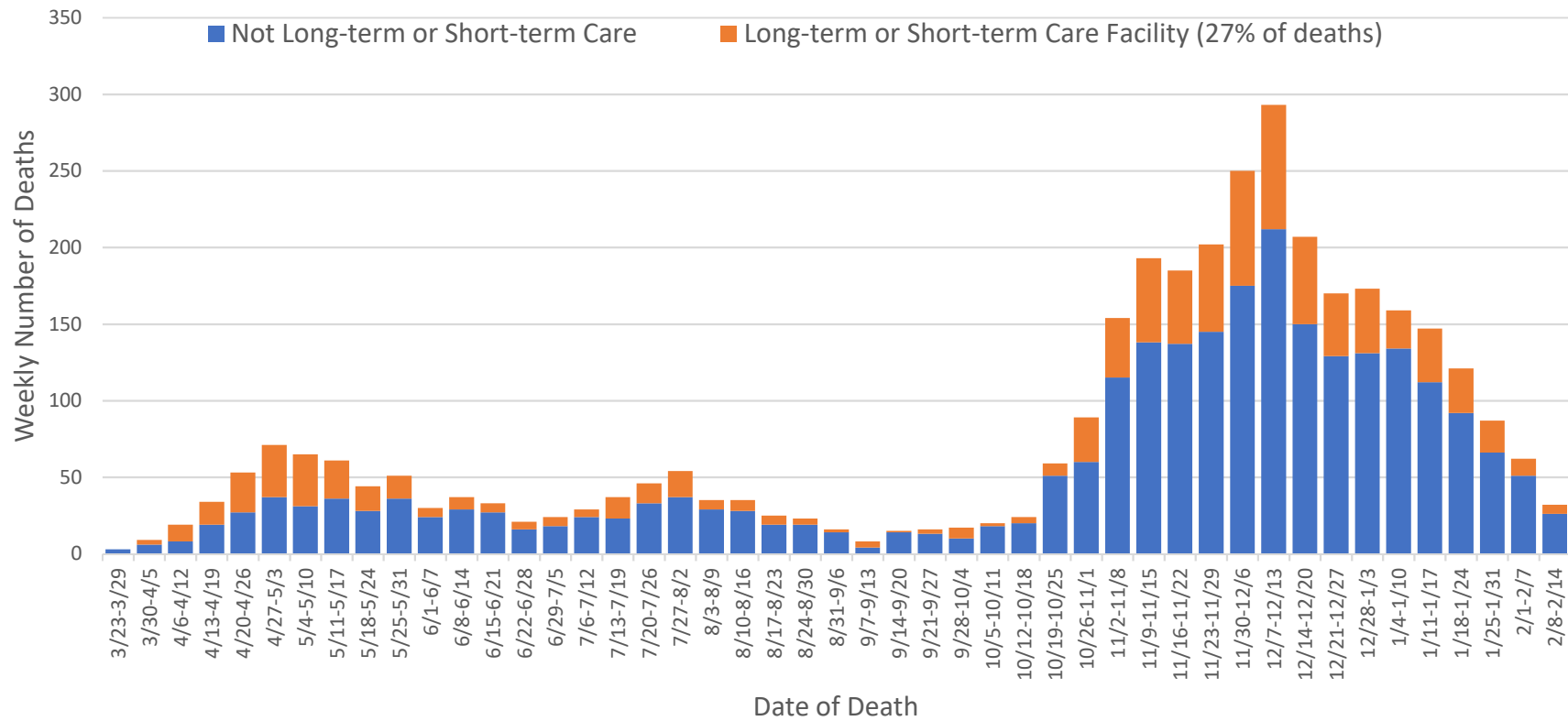
### Daily Number of Deaths and 7-day Moving Average



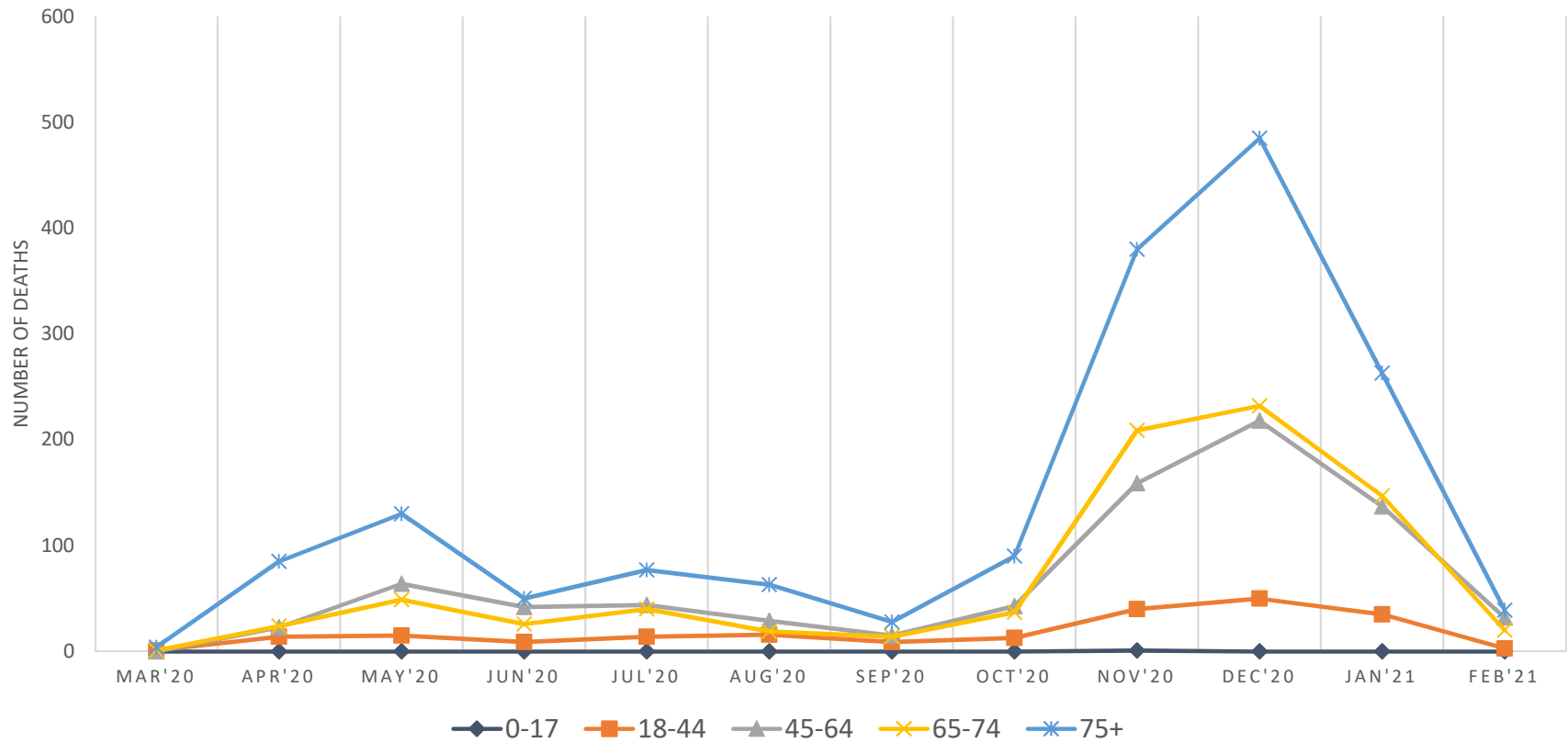
## Number of Deaths Each Week



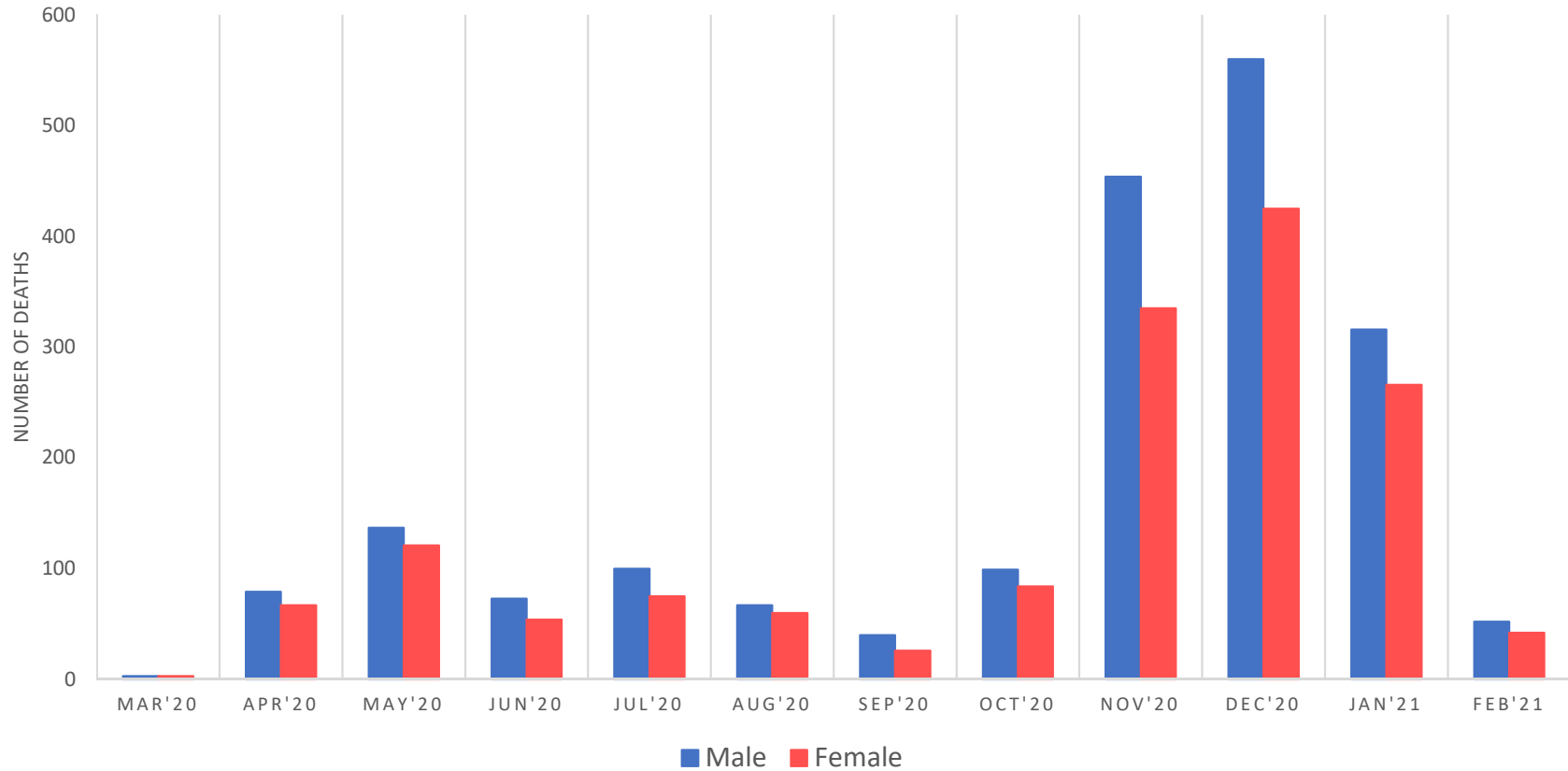
## Number of Deaths Each Week by Long- and Short-term Care Facility Residence



## Number of Deaths by Age Group Each Month

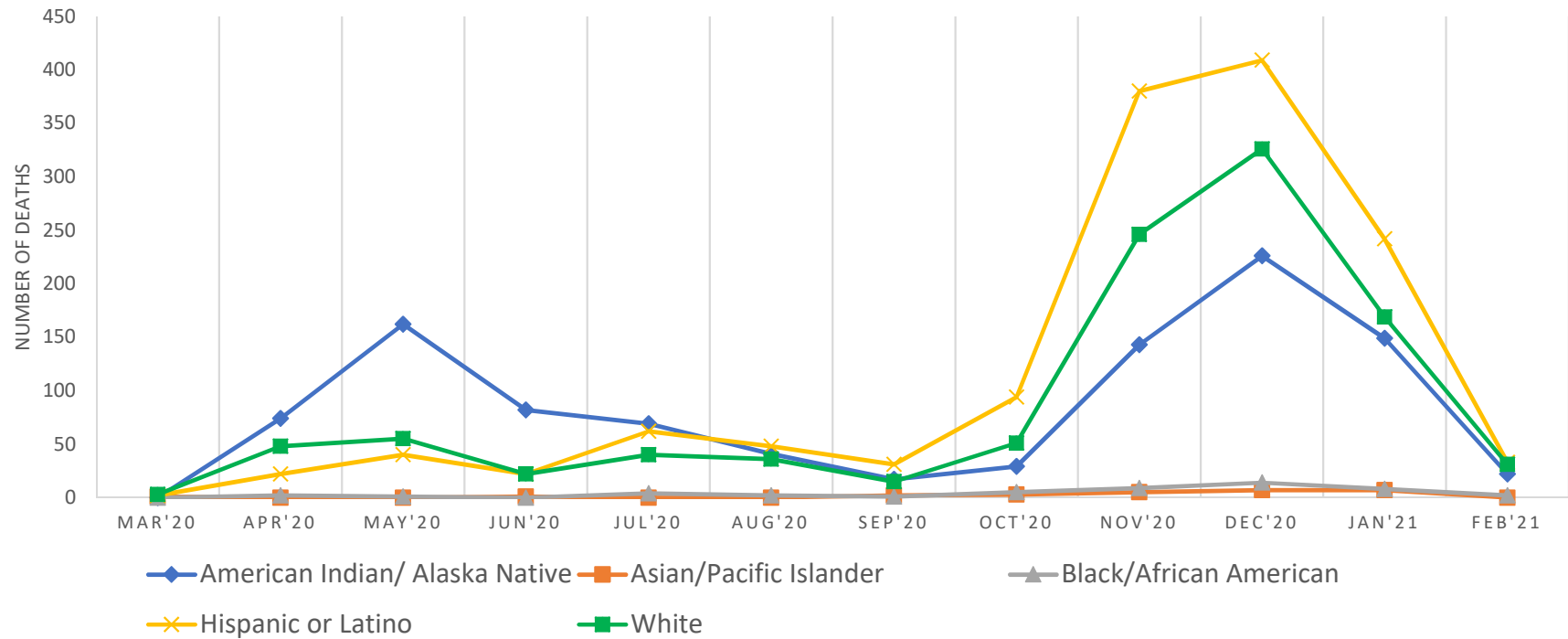


## Number of Deaths by Gender Each Month



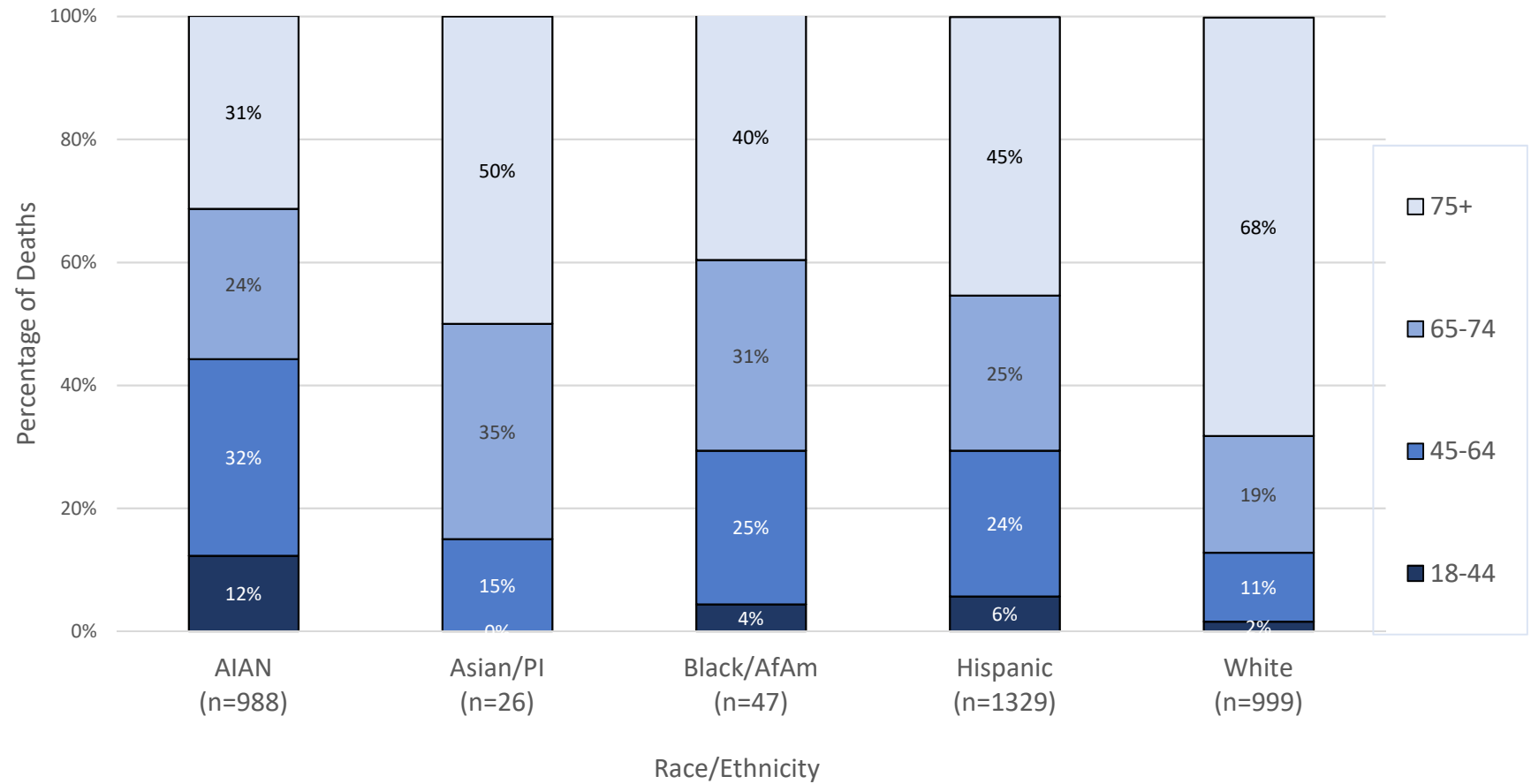
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Total
Male	3	79	137	73	100	67	40	99	454	560	316	52	1980
Female	3	67	121	54	75	60	26	84	335	425	266	42	1558
Total	6	146	258	127	175	127	66	183	789	985	582	94	3538

## Number of Deaths by Race/Ethnicity Each Month

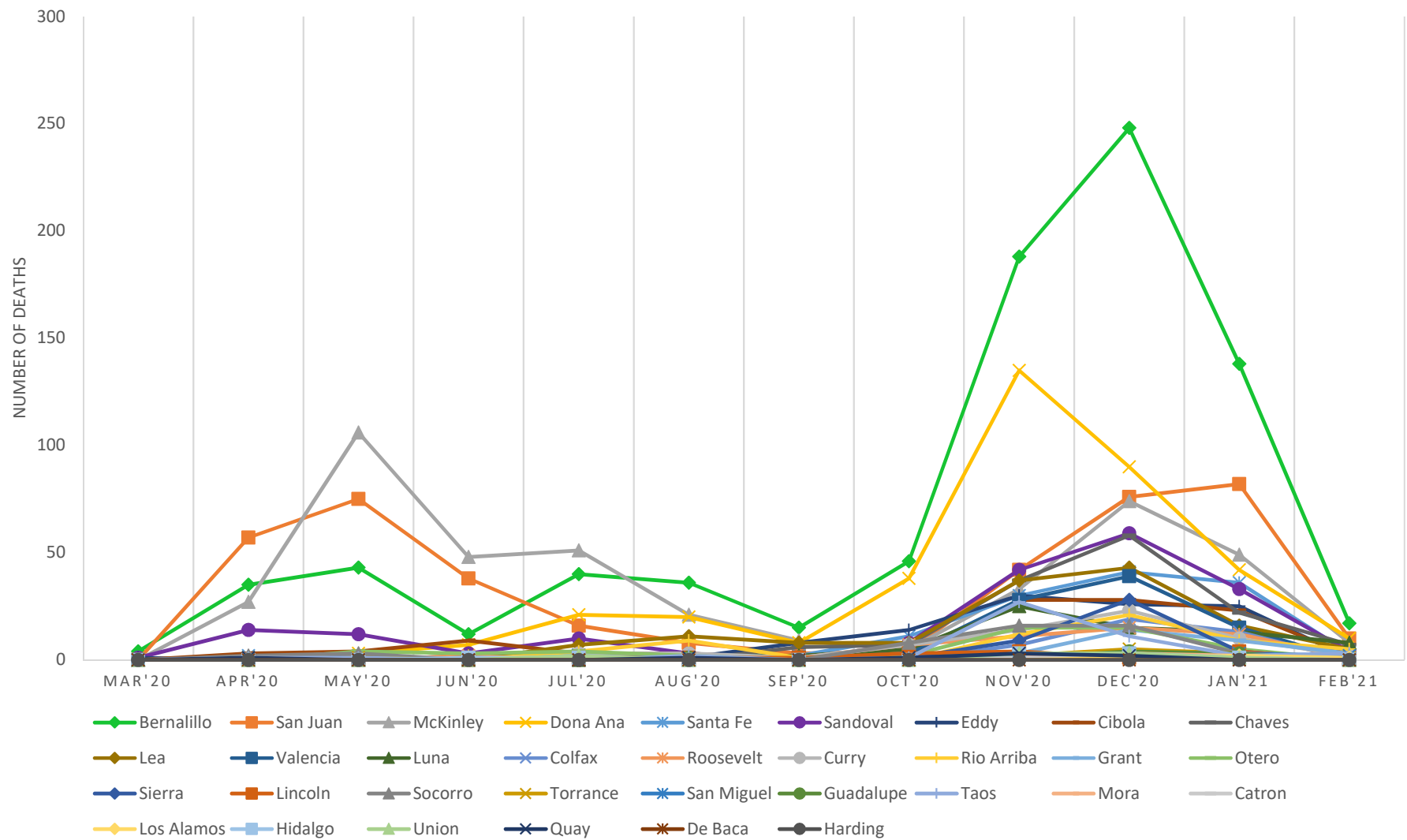


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Total
<b>American Indian/ Alaska Native</b>	0	74	162	82	69	41	17	29	143	226	149	22	1014
<b>Asian/Pacific Islander</b>	1	0	0	1	0	0	2	3	5	7	7	0	26
<b>Black/African American</b>	0	2	1	0	4	2	1	5	9	14	8	2	48
<b>Hispanic or Latino</b>	2	22	40	22	62	48	31	94	380	409	242	33	1385
<b>White</b>	3	48	55	22	40	36	15	51	246	326	169	31	1042
<b>Unknown</b>	0	0	0	0	0	0	0	1	6	3	7	6	23
<b>Total</b>	6	146	258	127	175	127	66	183	789	985	582	94	3538

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



Number of deaths by New Mexico County of residence each month

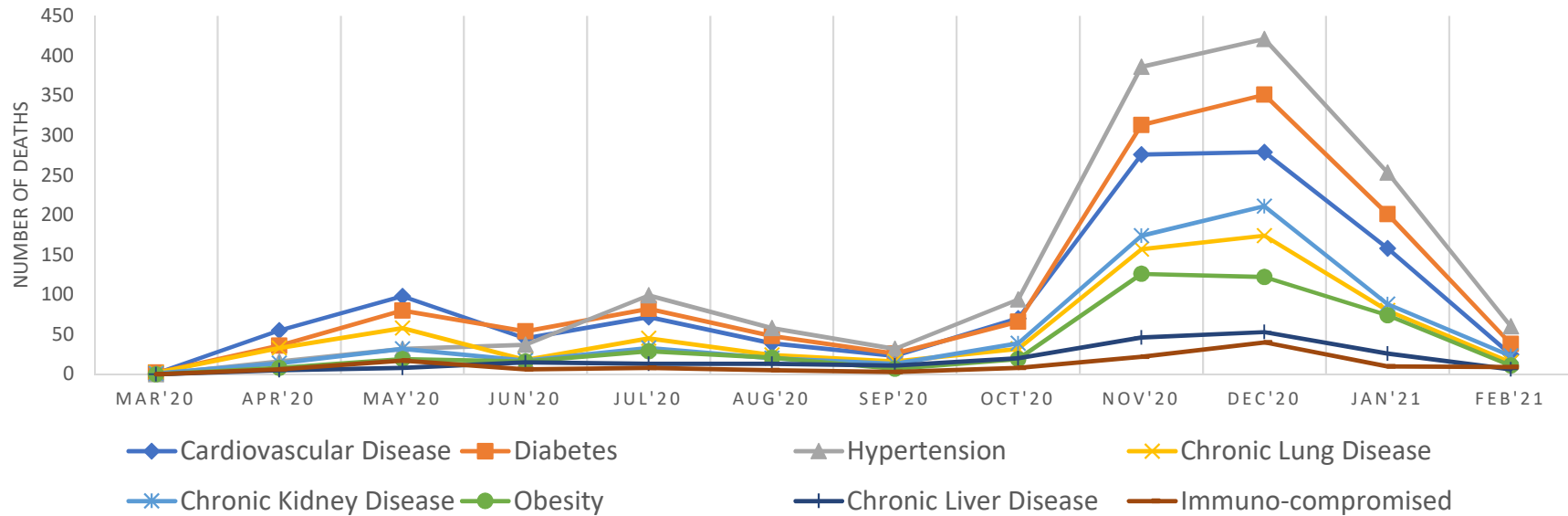




**Number of deaths by New Mexico County of residence each month – continued**

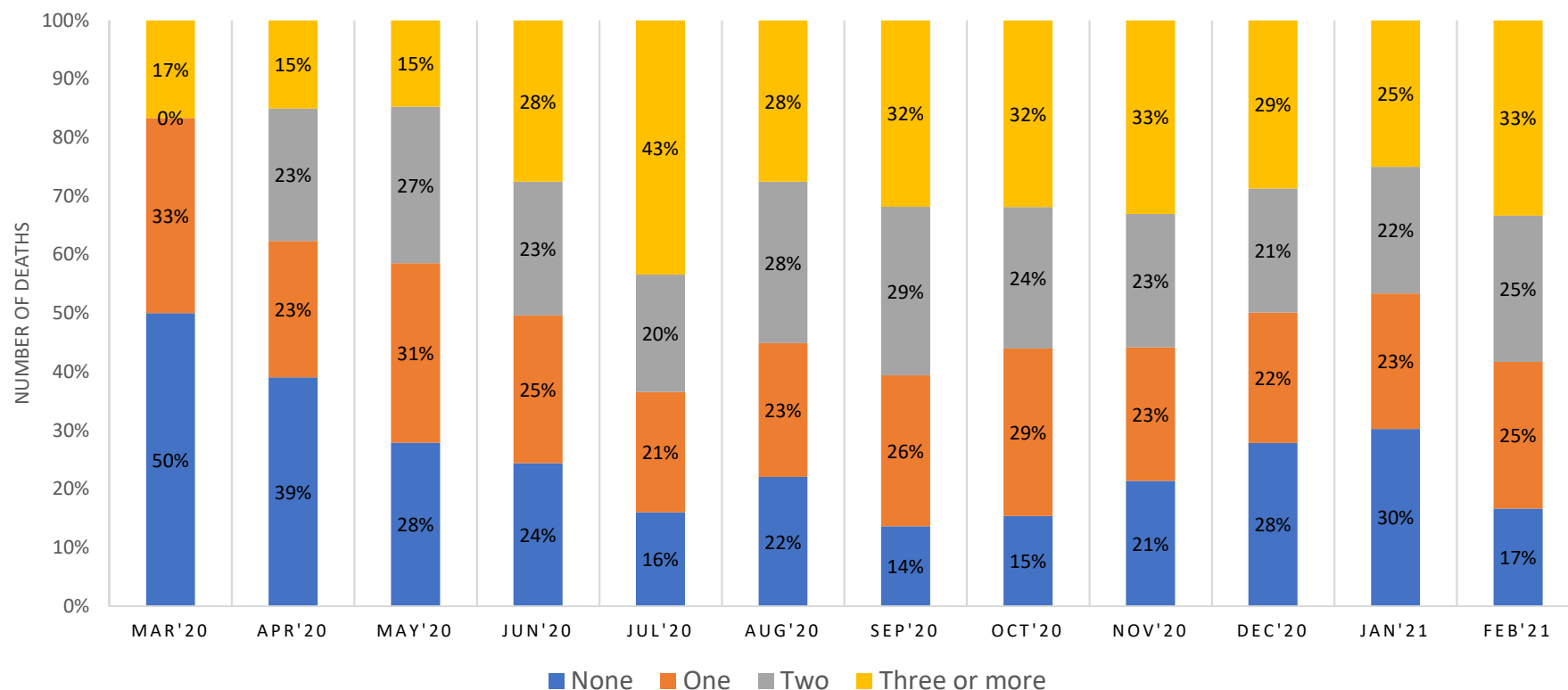
<b>County of Residence</b>	<b>Mar'20</b>	<b>Apr'20</b>	<b>May'20</b>	<b>Jun'20</b>	<b>Jul'20</b>	<b>Aug'20</b>	<b>Sep'20</b>	<b>Oct'20</b>	<b>Nov'20</b>	<b>Dec'20</b>	<b>Jan'21</b>	<b>Feb'21</b>	<b>Total</b>
<b>Bernalillo</b>	4	35	43	12	40	36	15	46	188	248	138	17	822
<b>San Juan</b>	0	57	75	38	16	8	3	4	42	76	82	10	411
<b>McKinley</b>	0	27	106	48	51	21	9	5	33	74	49	8	431
<b>Dona Ana</b>	0	1	3	7	21	20	8	38	135	90	42	10	375
<b>Santa Fe</b>	0	2	2	0	0	1	2	11	30	41	36	3	128
<b>Sandoval</b>	1	14	12	3	10	3	0	8	42	59	33	4	189
<b>Eddy</b>	1	0	0	0	4	1	8	14	30	26	25	1	110
<b>Cibola</b>	0	3	4	9	3	3	0	2	28	28	23	2	105
<b>Chaves</b>	0	1	2	0	3	0	6	7	37	58	22	7	143
<b>Lea</b>	0	0	0	0	7	11	8	8	37	43	16	5	135
<b>Valencia</b>	0	0	1	0	2	0	1	3	28	39	15	0	89
<b>Luna</b>	0	1	0	2	0	2	2	5	25	15	13	8	73
<b>Colfax</b>	0	0	0	1	0	0	0	0	7	19	13	0	40
<b>Roosevelt</b>	0	0	0	2	0	1	1	7	11	15	12	1	50
<b>Curry</b>	0	0	0	0	3	3	1	7	14	23	10	2	63
<b>Rio Arriba</b>	0	0	1	0	4	9	1	0	12	21	9	5	62
<b>Grant</b>	0	0	0	0	2	0	0	2	3	14	9	3	33
<b>Otero</b>	0	0	4	3	4	2	0	2	15	15	5	0	50
<b>Sierra</b>	0	0	0	1	0	1	0	1	9	28	4	0	44
<b>Lincoln</b>	0	0	0	0	1	1	1	3	4	1	4	0	15
<b>Socorro</b>	0	2	3	0	1	0	0	8	16	16	3	1	50
<b>Torrance</b>	0	0	1	0	0	0	0	0	2	5	3	1	12
<b>San Miguel</b>	0	0	0	0	0	0	0	0	2	3	3	2	10
<b>Guadalupe</b>	0	0	0	0	0	1	0	0	1	4	3	0	9
<b>Taos</b>	0	1	1	0	0	2	0	1	27	11	2	3	48
<b>Mora</b>	0	0	0	0	0	0	0	0	1	3	2	0	6
<b>Catron</b>	0	1	0	0	0	0	0	0	1	1	2	0	5
<b>Los Alamos</b>	0	0	0	0	0	0	0	0	0	1	2	1	4
<b>Hidalgo</b>	0	0	0	1	1	0	0	0	3	3	1	0	9
<b>Union</b>	0	0	0	0	2	0	0	0	3	3	1	0	9
<b>Quay</b>	0	1	0	0	0	1	0	1	3	2	0	0	8
<b>De Baca</b>	0	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	0
<b>Total</b>	6	146	258	127	175	127	66	183	789	985	582	94	3538

## Number of Deaths by Underlying Conditions Each Month



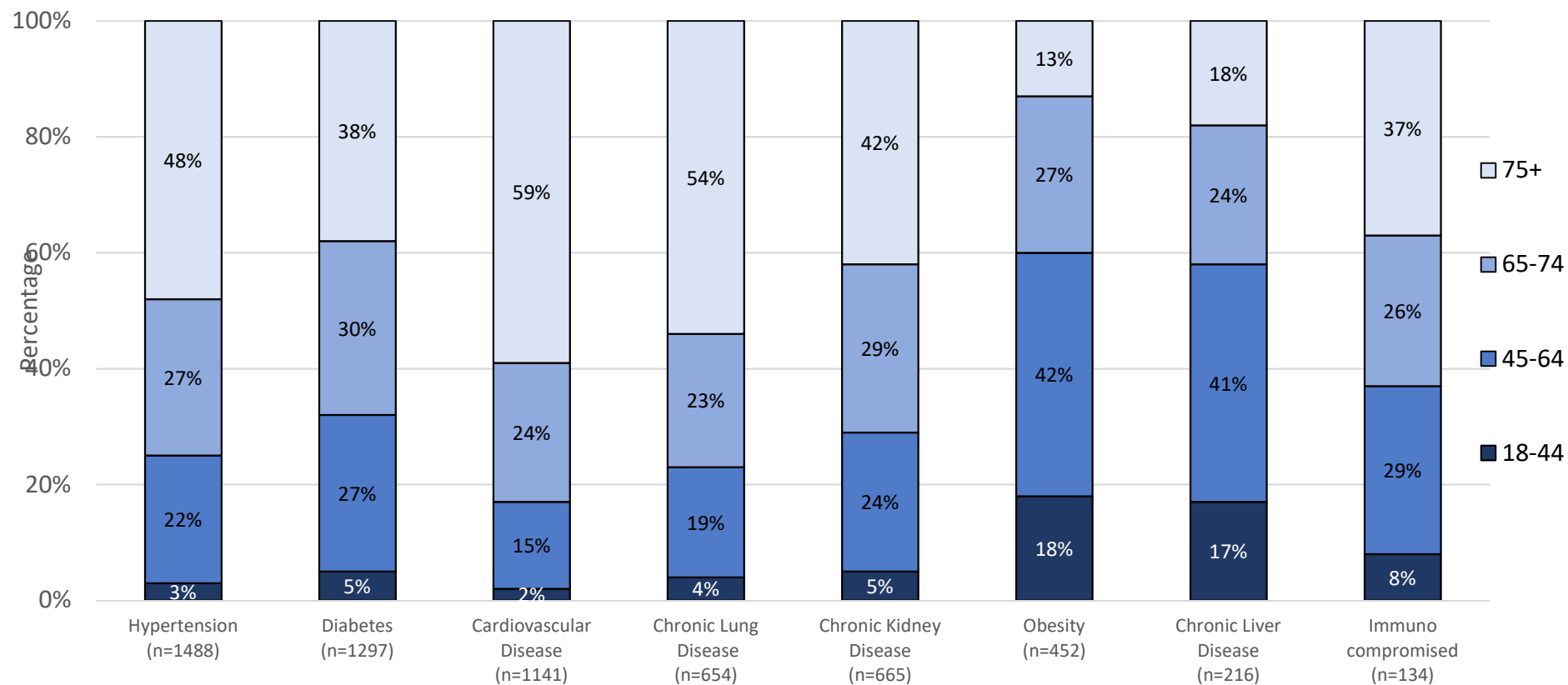
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Total
Hypertension	0	16	32	37	99	58	32	94	386	421	253	60	1488
Diabetes	2	36	80	54	82	48	26	66	313	351	201	38	1297
Cardiovascular Disease	1	55	98	45	72	39	23	70	276	279	158	25	1141
Chronic Lung Disease	2	33	58	18	45	24	16	32	157	174	80	15	654
Chronic Kidney Disease	1	14	32	17	33	20	13	39	174	211	88	23	665
Obesity	0	8	19	16	29	21	7	19	126	122	74	11	452
Chronic Liver Disease	0	5	8	15	13	13	11	20	46	53	26	6	216
Immuno-compromised	0	6	17	6	8	5	3	8	22	40	10	9	134

## 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	Total
None	3	57	72	31	28	28	9	28	170	272	182	13	893
One	2	34	79	32	36	29	17	52	179	220	130	20	830
Two	0	33	68	29	35	35	19	45	177	210	123	29	803
Three or more	1	22	39	35	76	35	21	58	263	283	147	32	1012
Total	6	146	258	127	175	127	66	183	789	985	582	94	3538

### Percentage of Deaths by Underlying Condition and Age Group

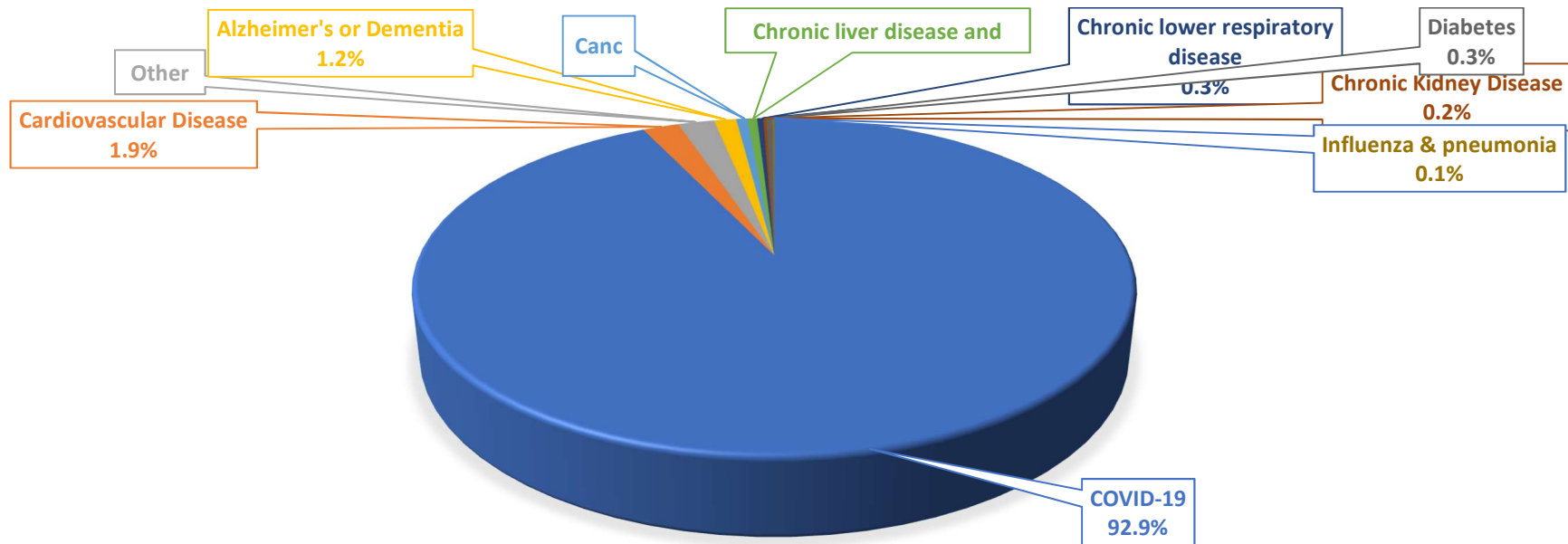


## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	3168	89.5%
Yes	No	84	2.4%
Yes	Pending	231	6.5%
No	Yes	55	1.6%
<b>Total</b>		<b>3538</b>	<b>100.0%</b>

\* Positive RT-PCR or Rapid Test

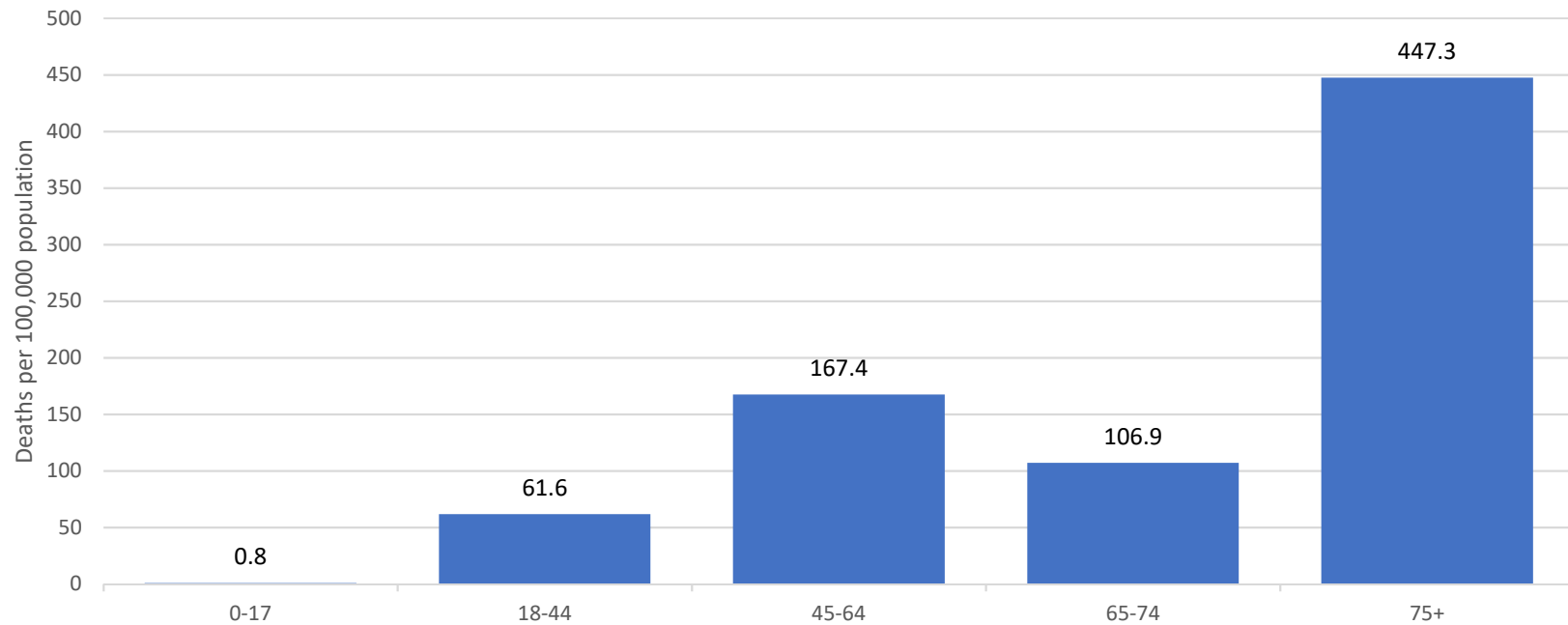
## Number and percent of deaths by underlying cause of death on the death certificate



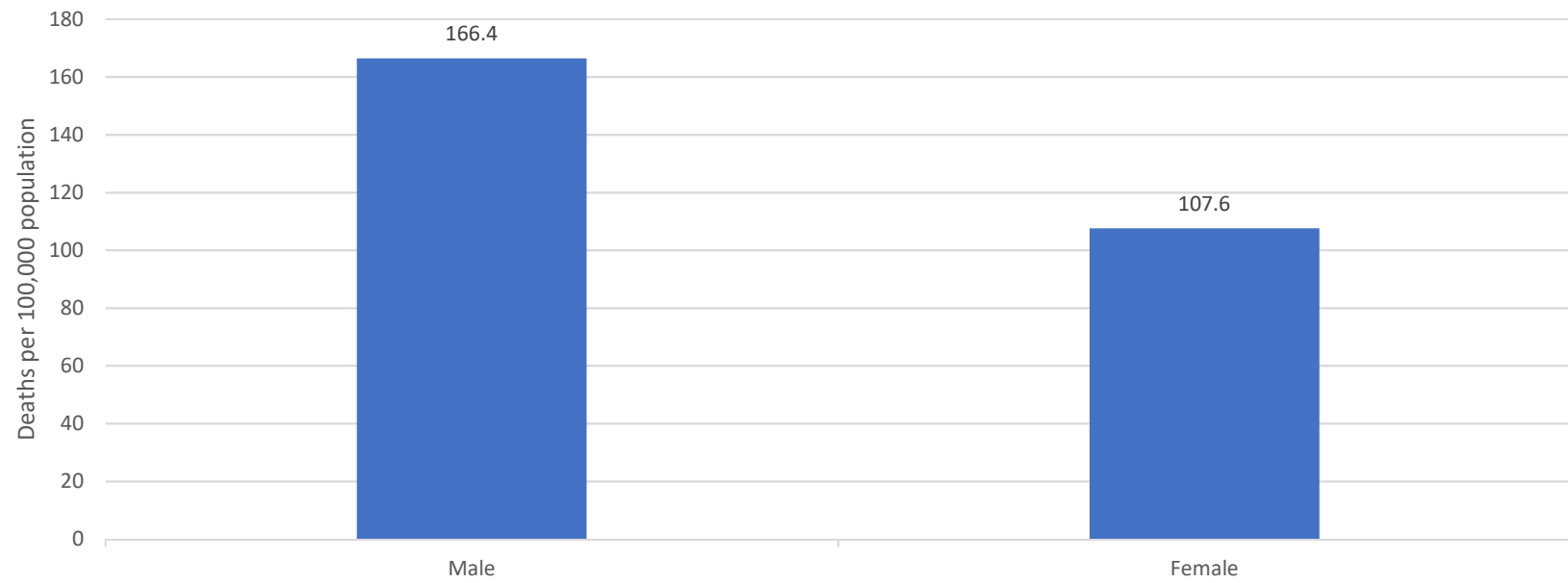
Underlying Cause	Number of Deaths*		Percent
COVID-19	2822		92.9%
Cardiovascular Disease	59		1.9%
Other	59		1.9%
Alzheimer's or Dementia	36		1.2%
Cancer	18		0.6%
Chronic liver disease and cirrhosis	16		0.5%
Chronic lower respiratory disease	10		0.3%
Chronic Kidney Disease	5		0.2%
Diabetes	10		0.3%
Influenza & pneumonia	3		0.1%
<b>Total</b>	<b>3038</b>		<b>100.0%</b>
*Excludes 500 (14%) 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

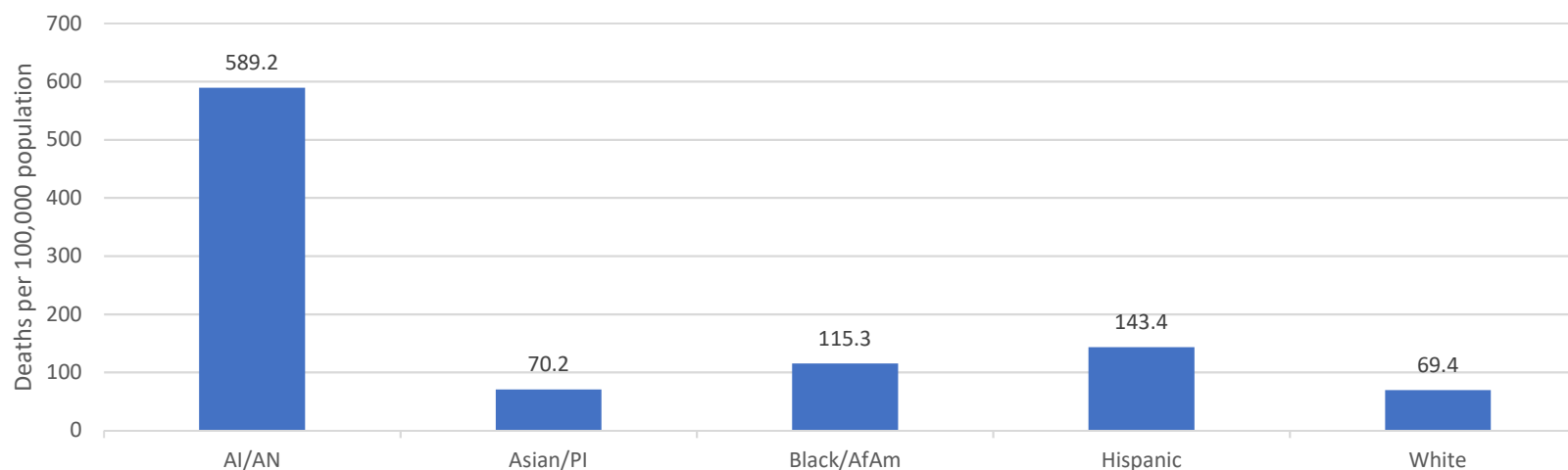


## Age-adjusted Mortality Rate per 100,000 Population by Gender

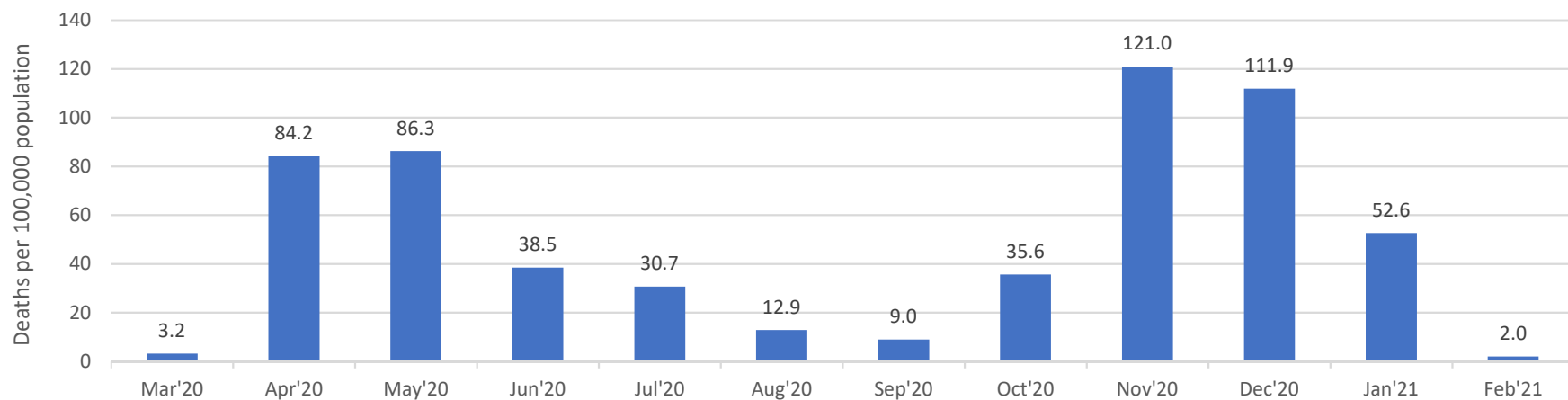




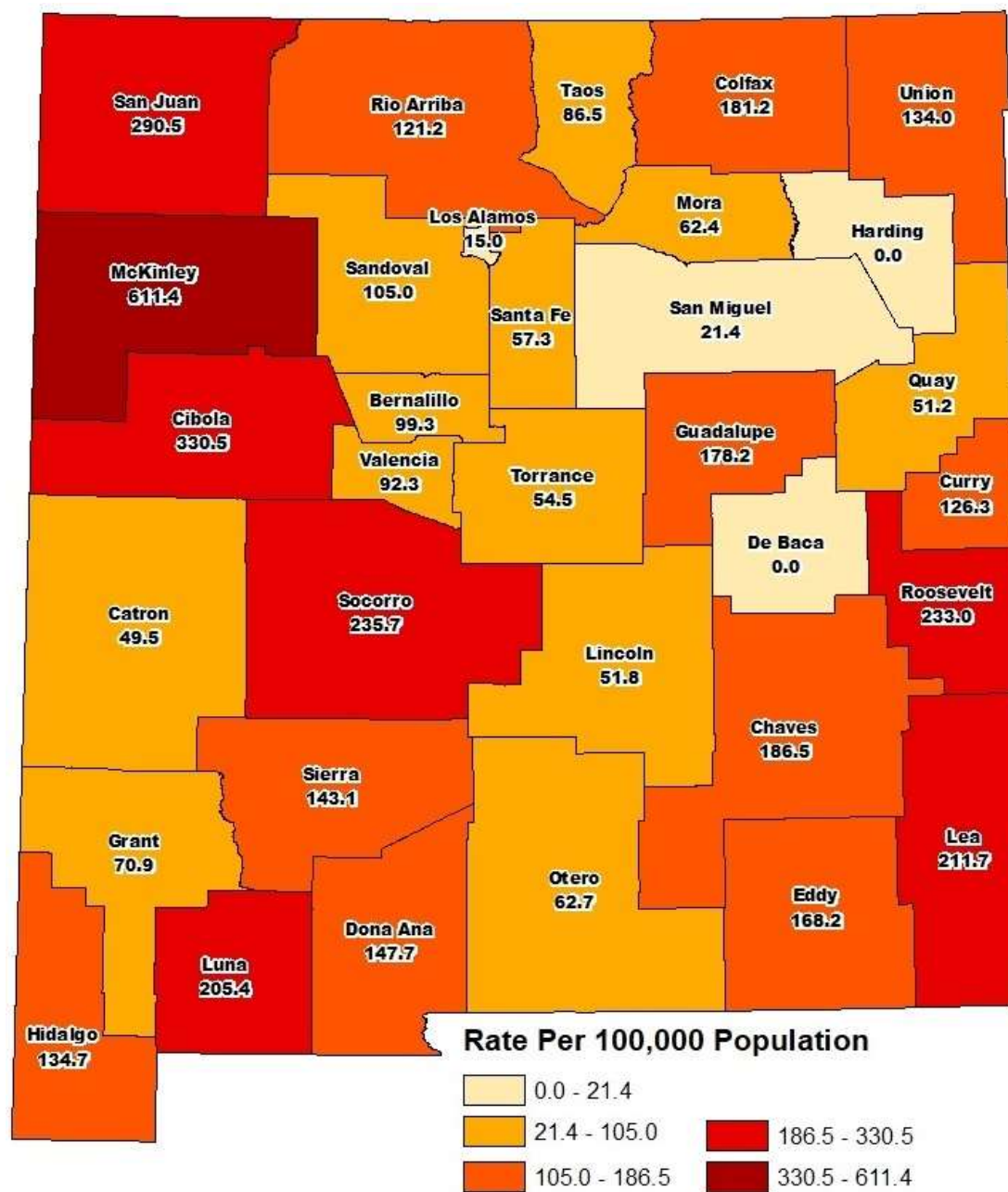
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



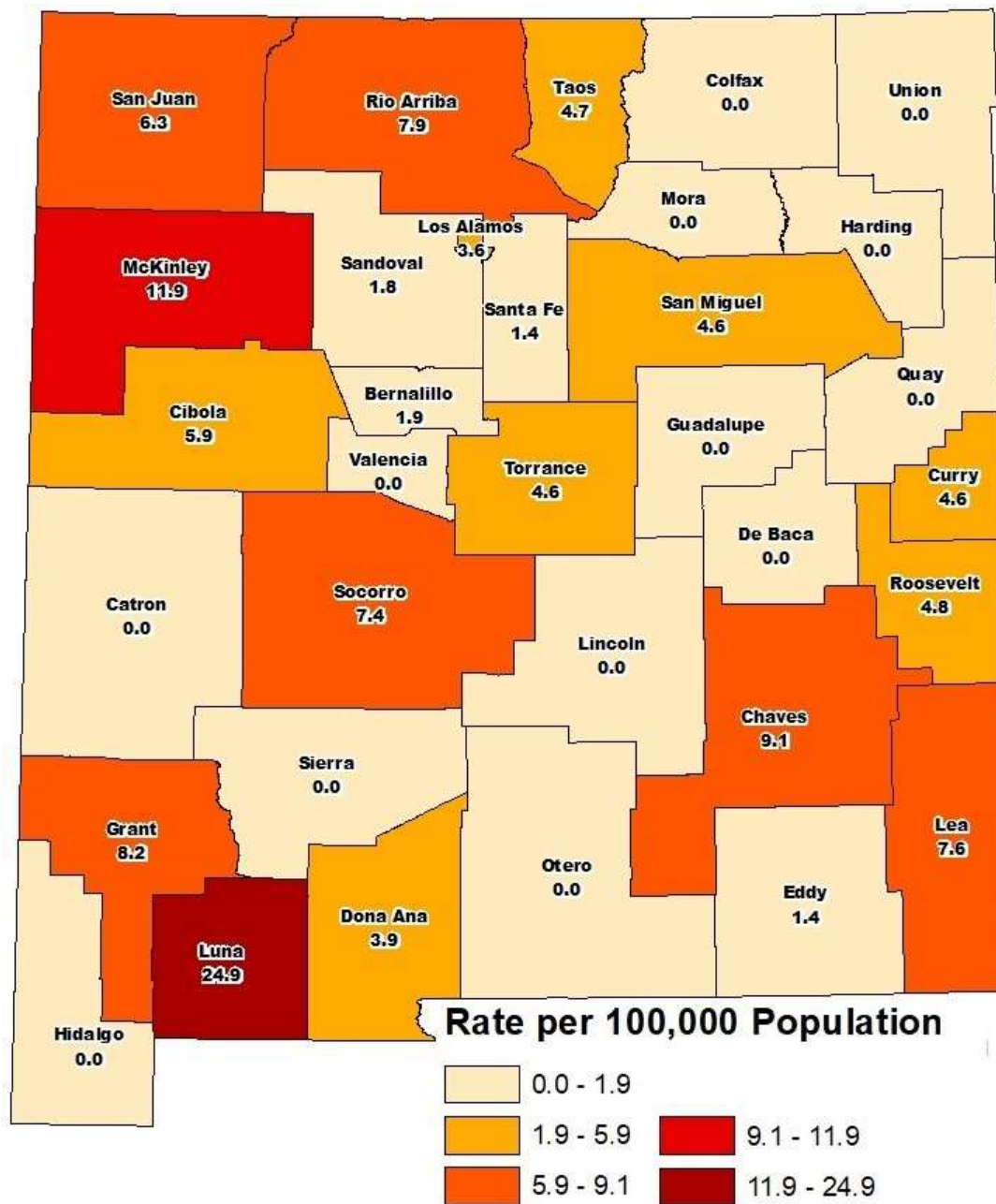
### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test



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

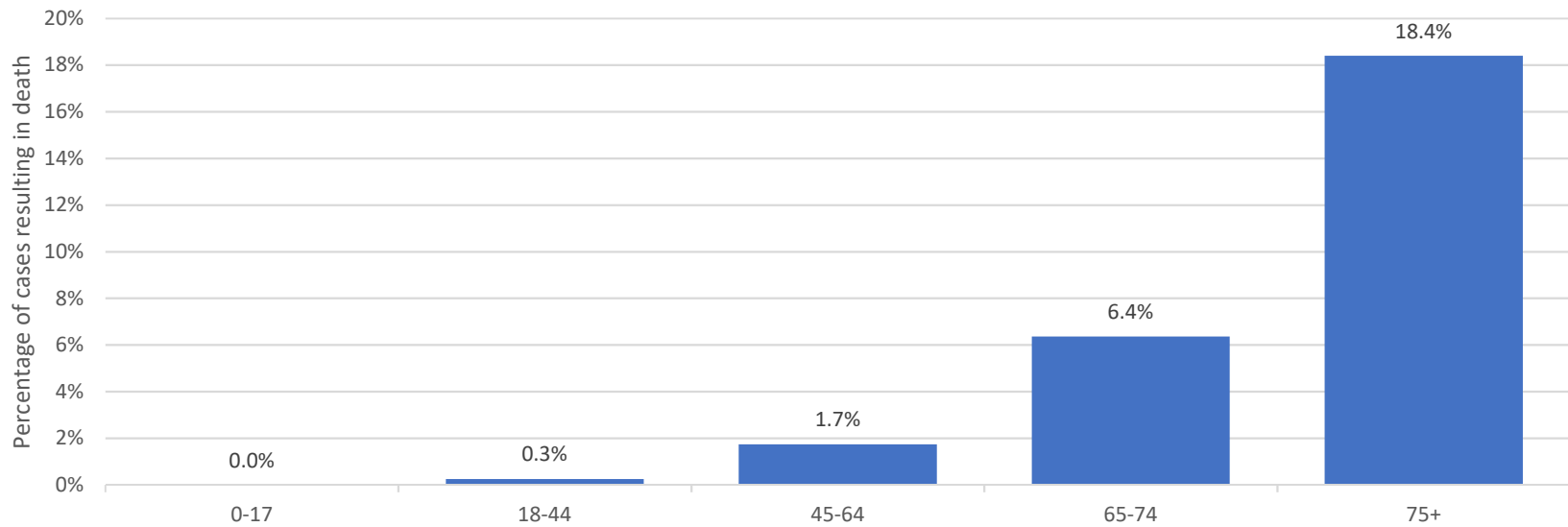


# Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

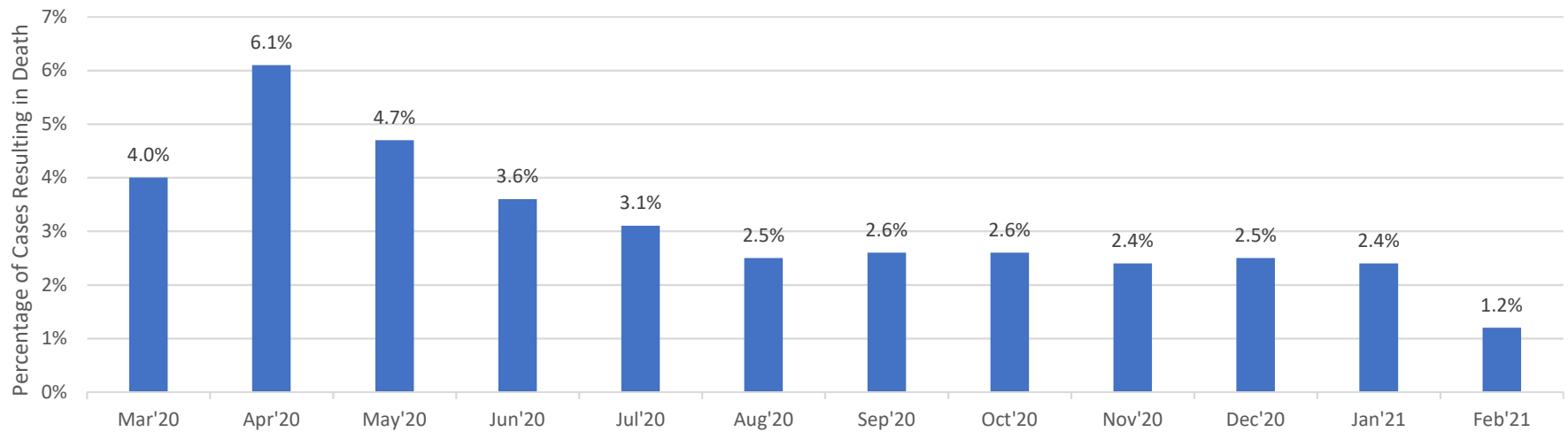


## SECTION 3: CASE FATALITY RATES

Case Fatality Rate by Age Group



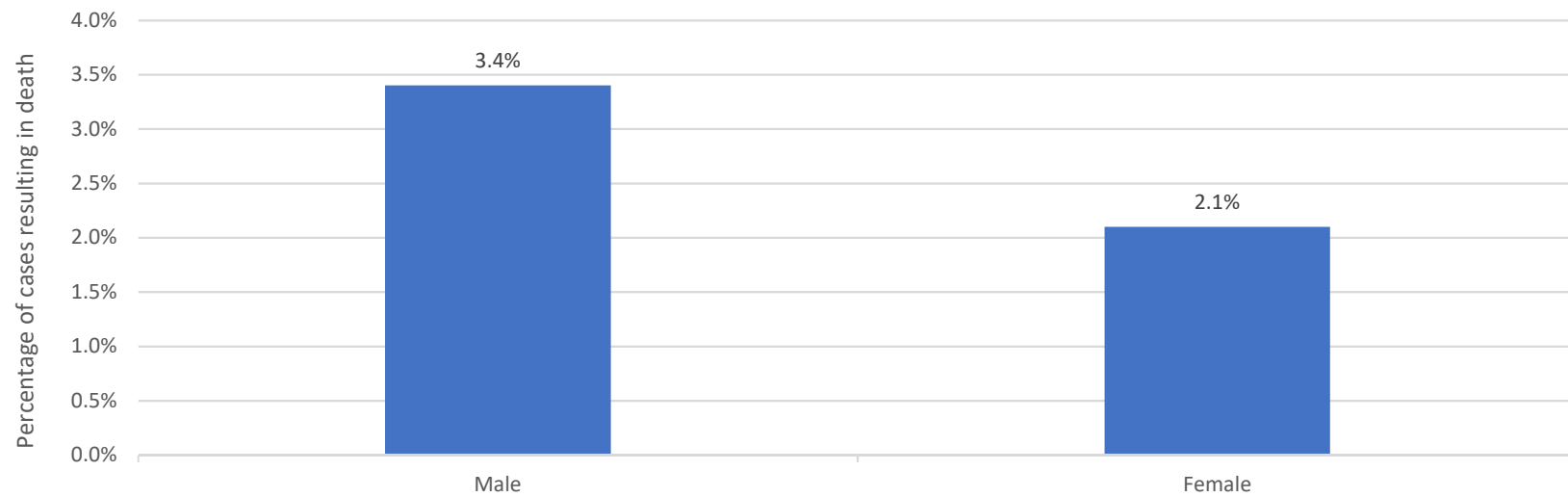
### Age-adjusted\* Case Fatality Rate by Month of 1<sup>st</sup> Positive Test



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

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

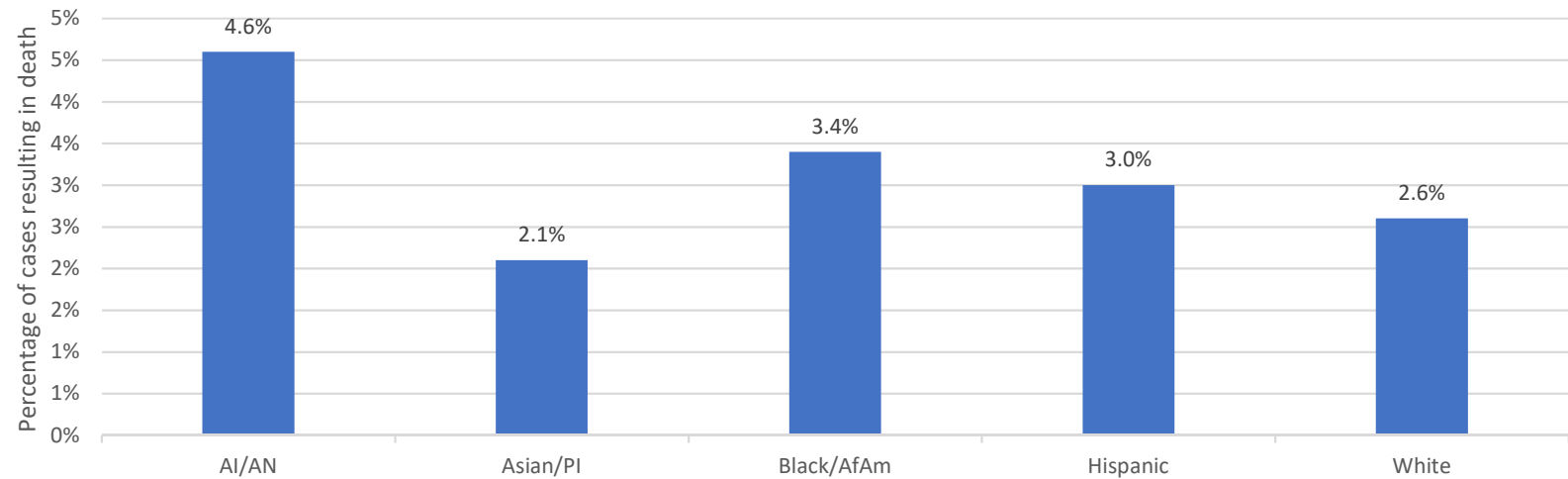
## Age-adjusted\* Case Fatality Rate by Gender



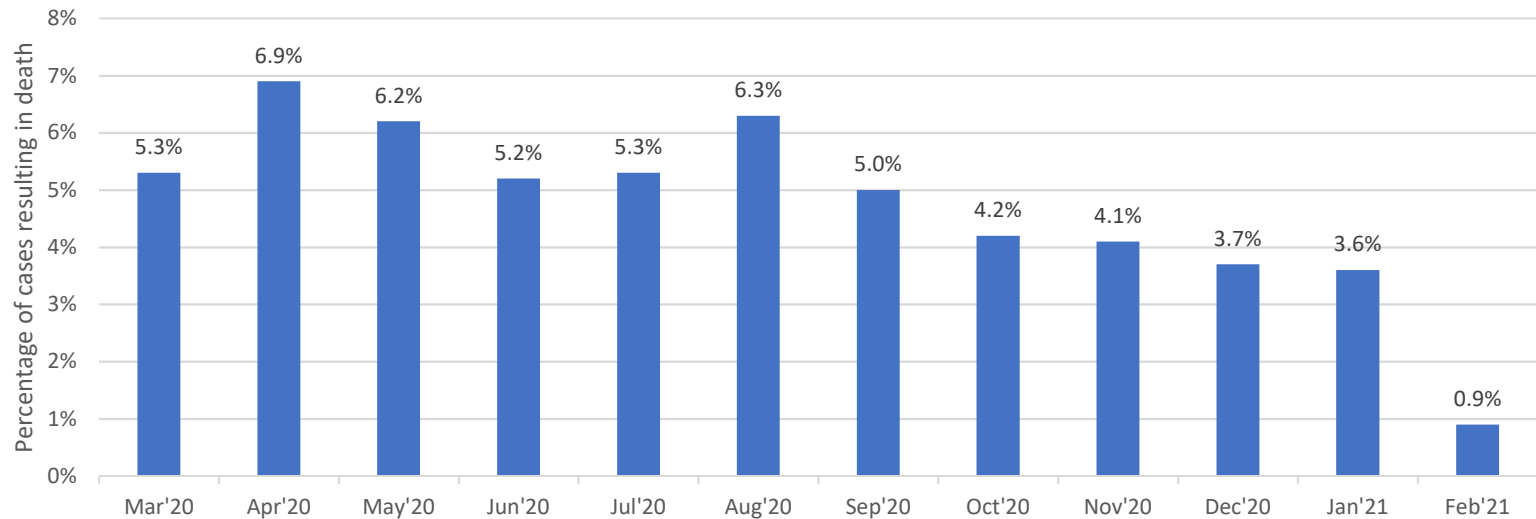
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

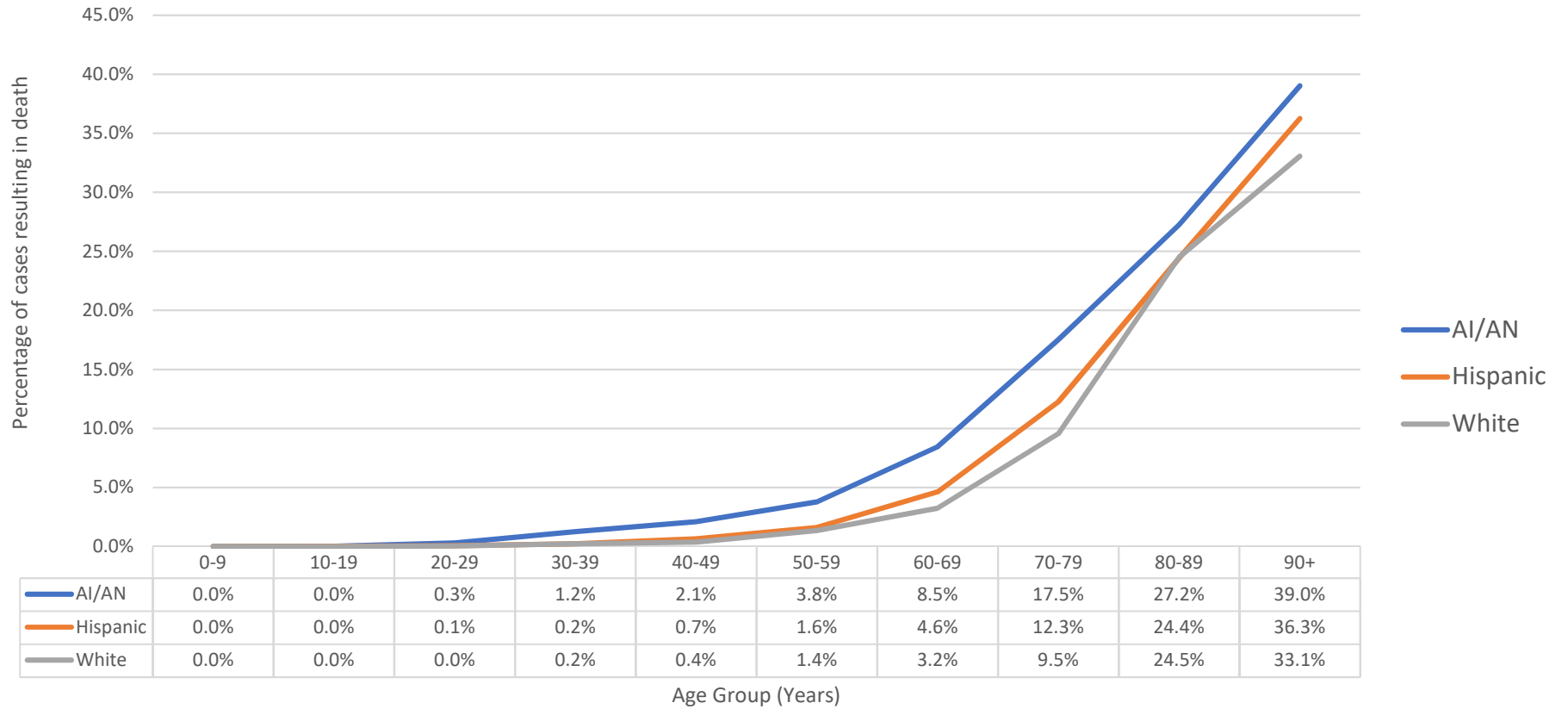
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



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

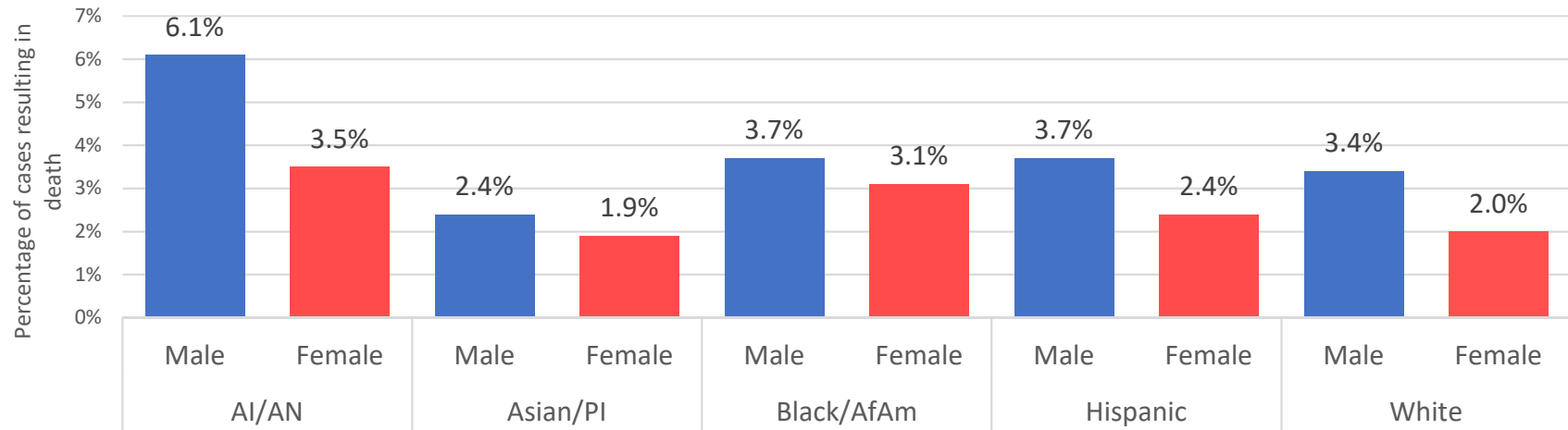


## Case Fatality Rate by Race/Ethnicity and Age Group

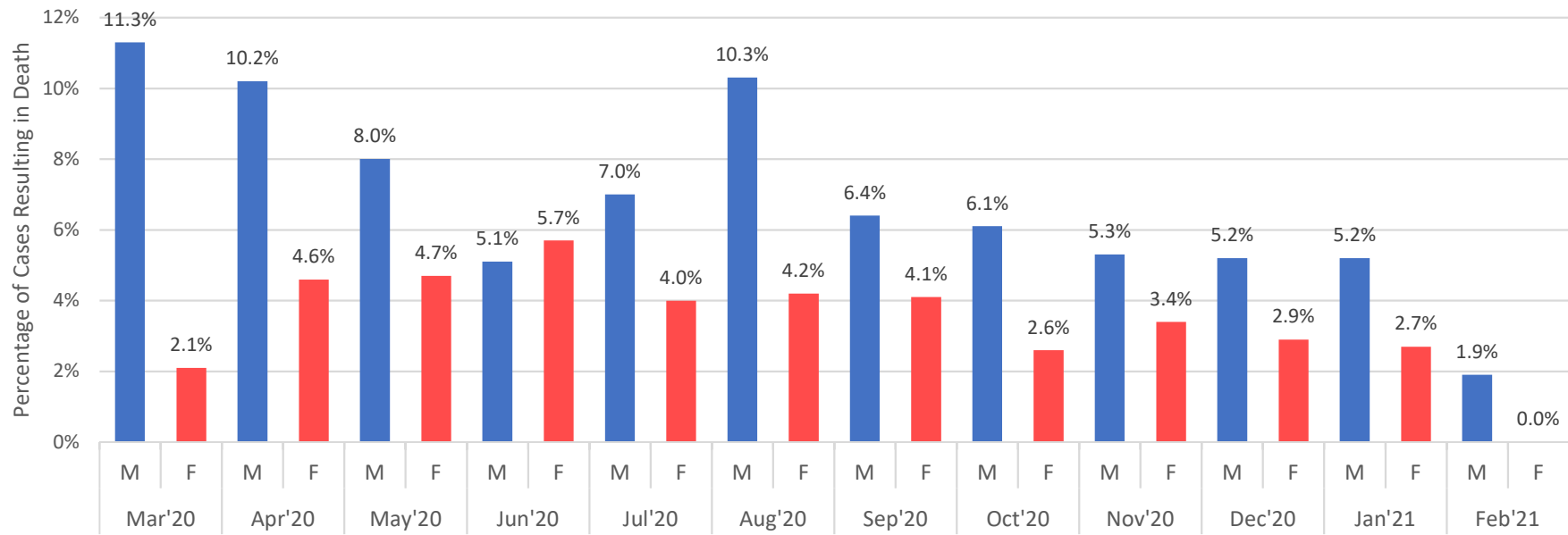




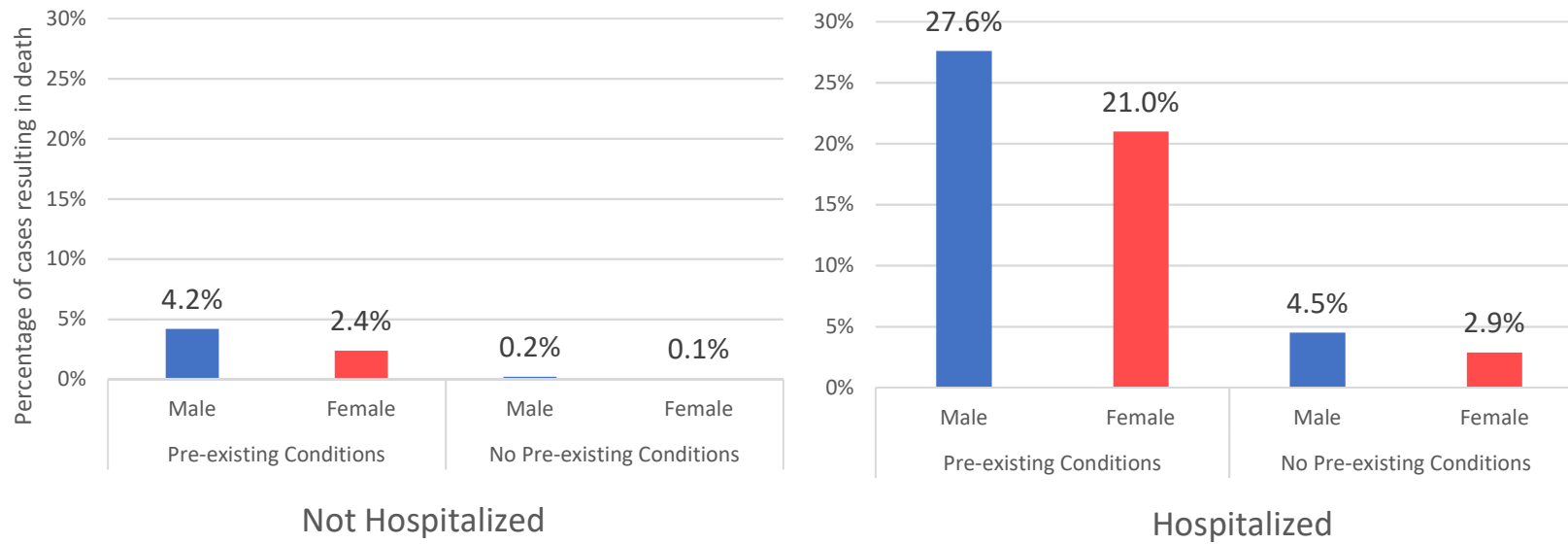
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity and Gender



### 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.