

# NEW MEXICO COVID-19 MORTALITY UPDATE

January 17, 2022

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

**Total Deaths**

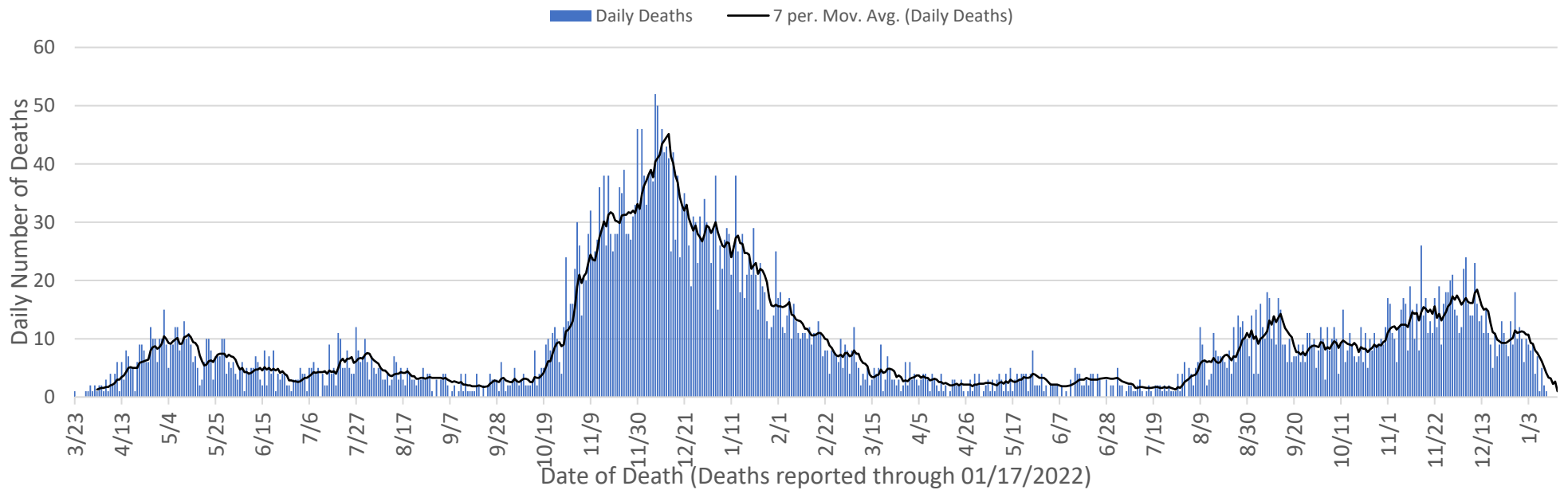
**6,145**

**Deaths in the Last 14 Days**

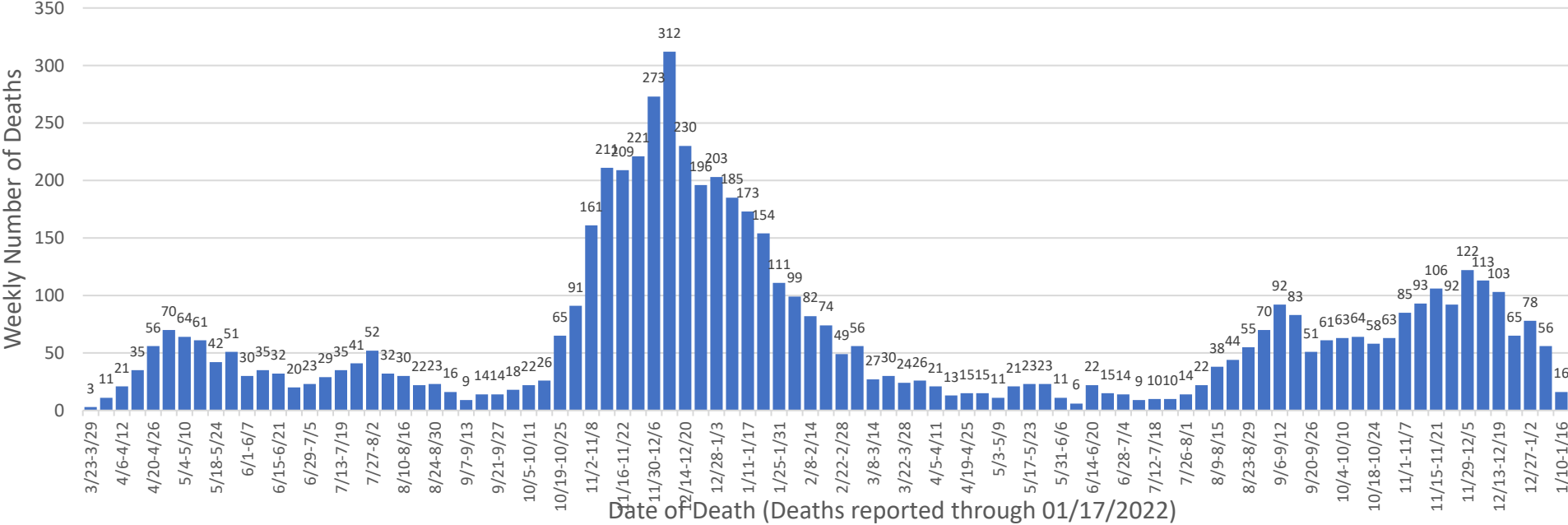
**72**

## SECTION 1: DEATH COUNTS

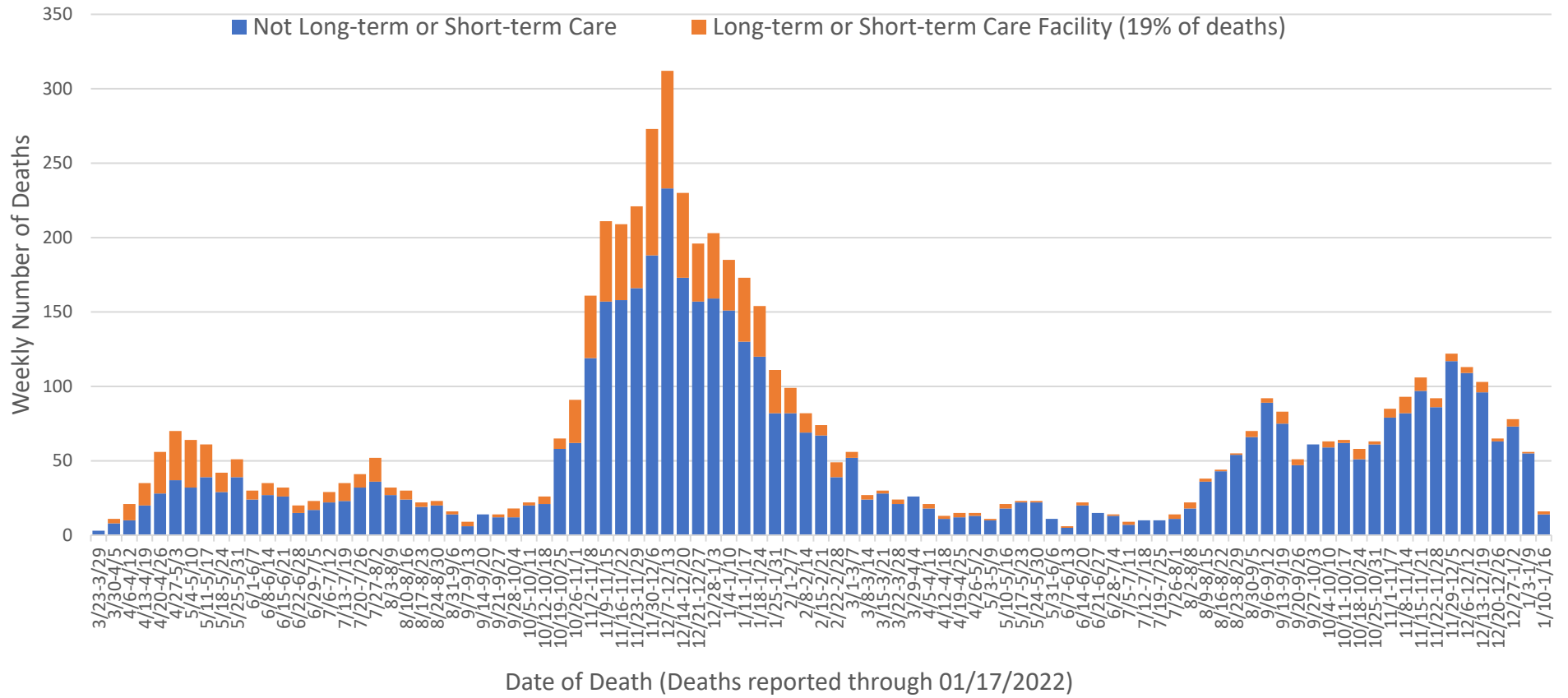
### Daily Number of Deaths and 7-day Moving Average



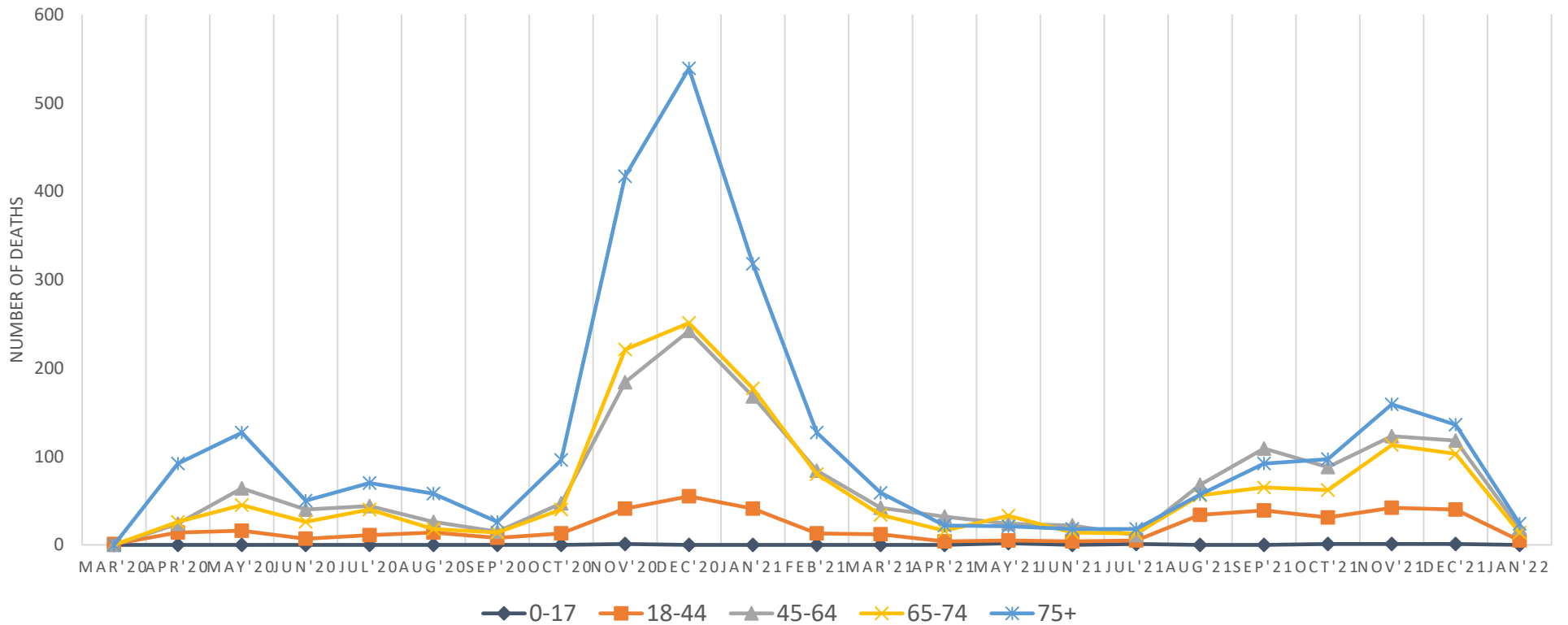
# Number of Deaths Each Week



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

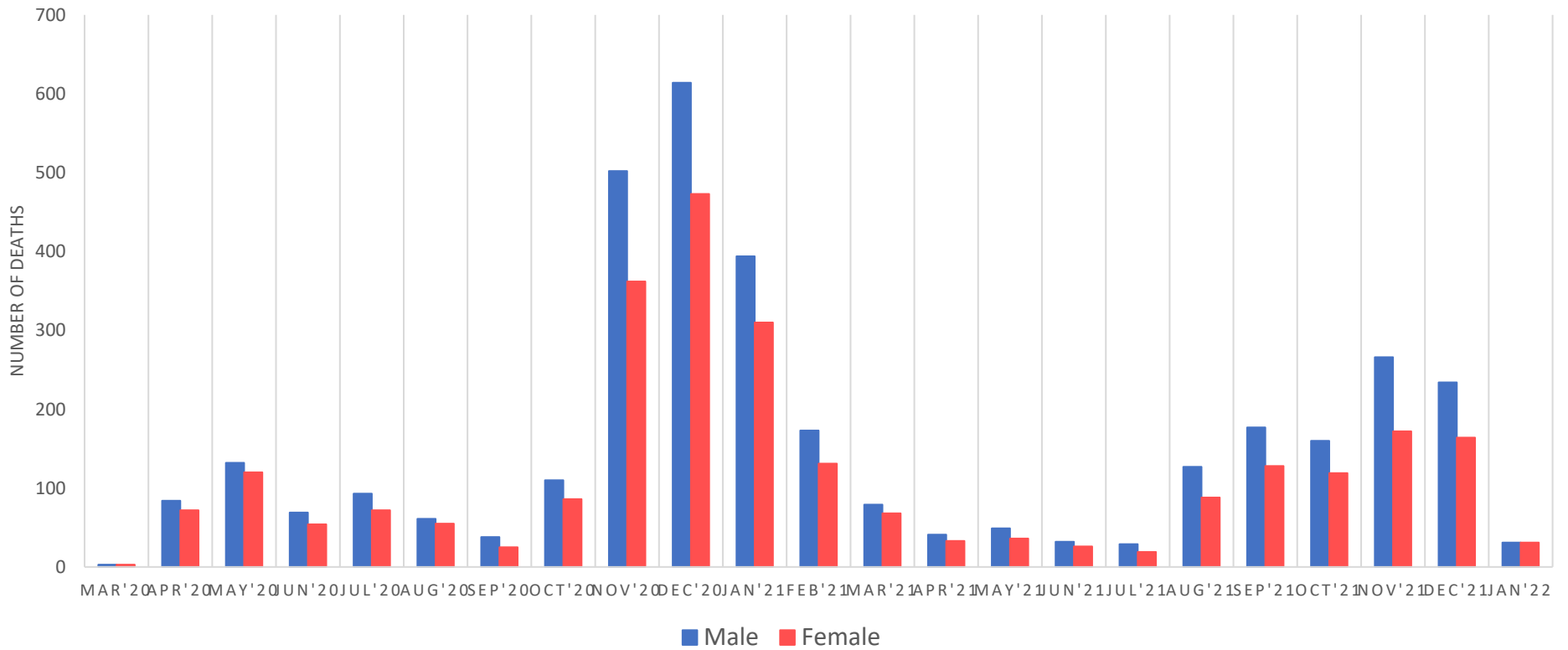


## Number of Deaths by Age Group Each Month



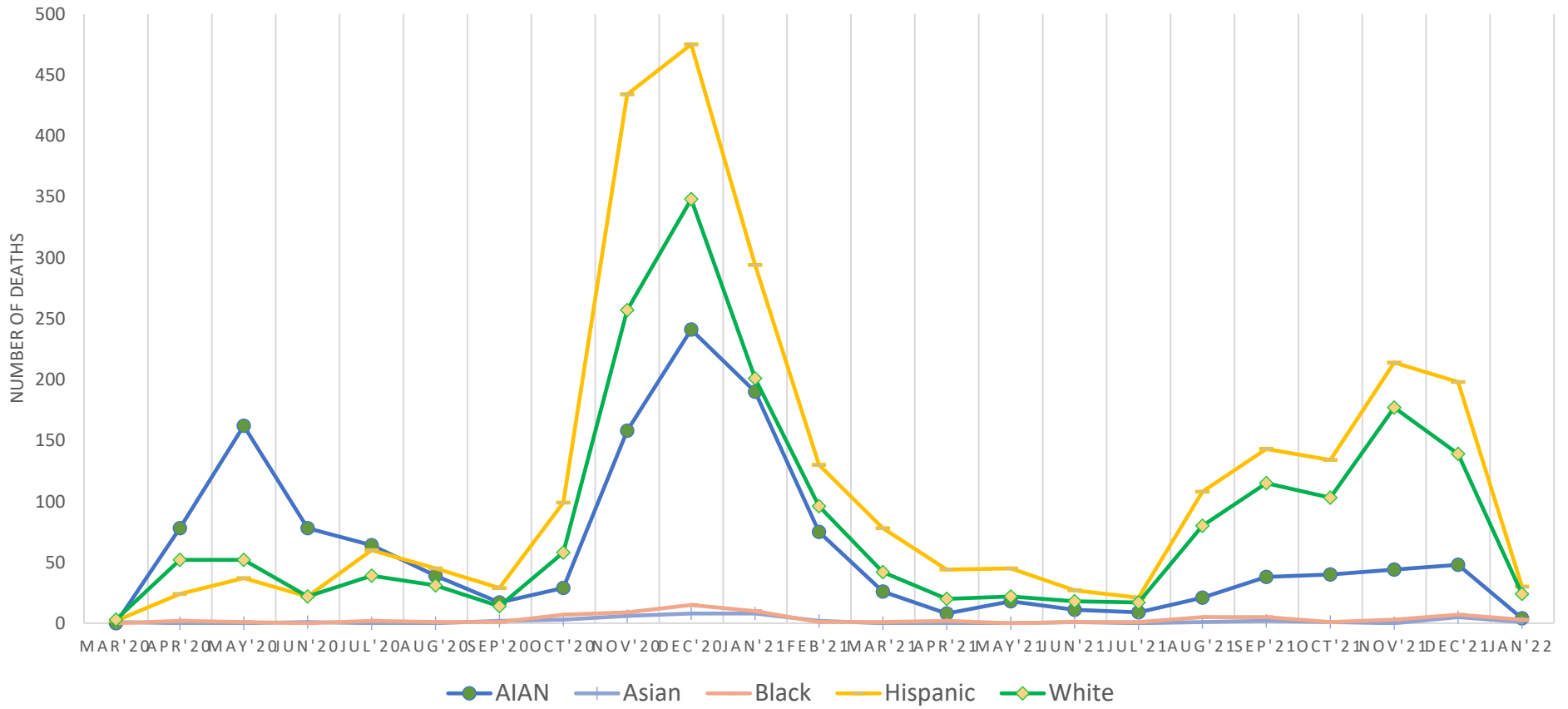
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
<b>0-17</b>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	1	1	1	0	7
<b>18-44</b>	1	14	16	7	11	14	8	13	41	55	41	13	12	4	5	4	5	34	39	31	42	40	5	455
<b>45-64</b>	0	24	64	40	44	26	15	47	184	242	168	84	42	32	24	22	11	68	109	88	123	118	19	1594
<b>65-74</b>	1	26	45	26	40	18	14	40	221	251	177	80	34	16	33	14	13	56	65	62	113	103	14	1462
<b>75+</b>	4	92	127	50	70	58	26	96	417	539	318	127	59	22	21	18	18	57	92	97	159	136	24	2627
<b>Total</b>	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	85	58	48	215	305	279	438	398	62	6145

## Number of Deaths by Gender Each Month



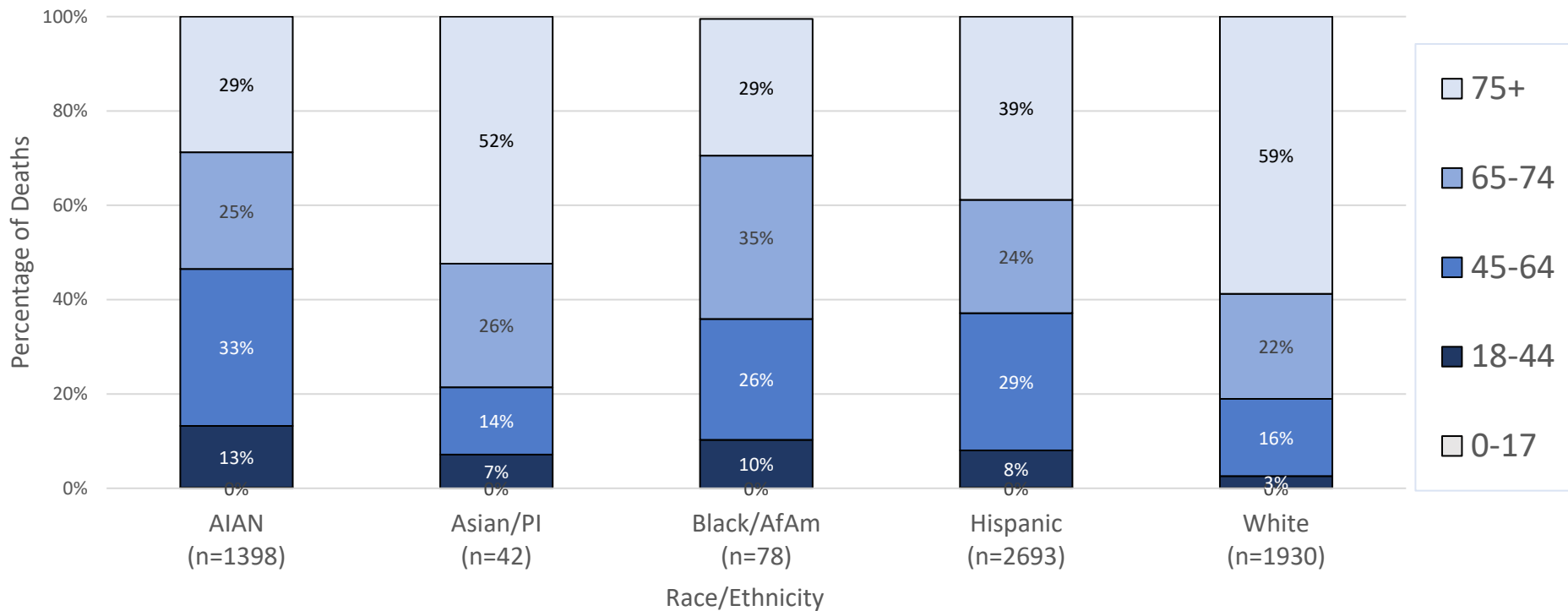
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
<b>Male</b>	3	84	132	69	93	61	38	110	502	614	394	173	79	41	49	32	29	127	177	160	266	234	31	3498
<b>Female</b>	3	72	120	54	72	55	25	86	362	473	310	131	68	33	36	26	19	88	128	119	172	164	31	2647
<b>Total</b>	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	85	58	48	215	305	279	438	398	62	6145

## Number of Deaths by Race/Ethnicity Each Month

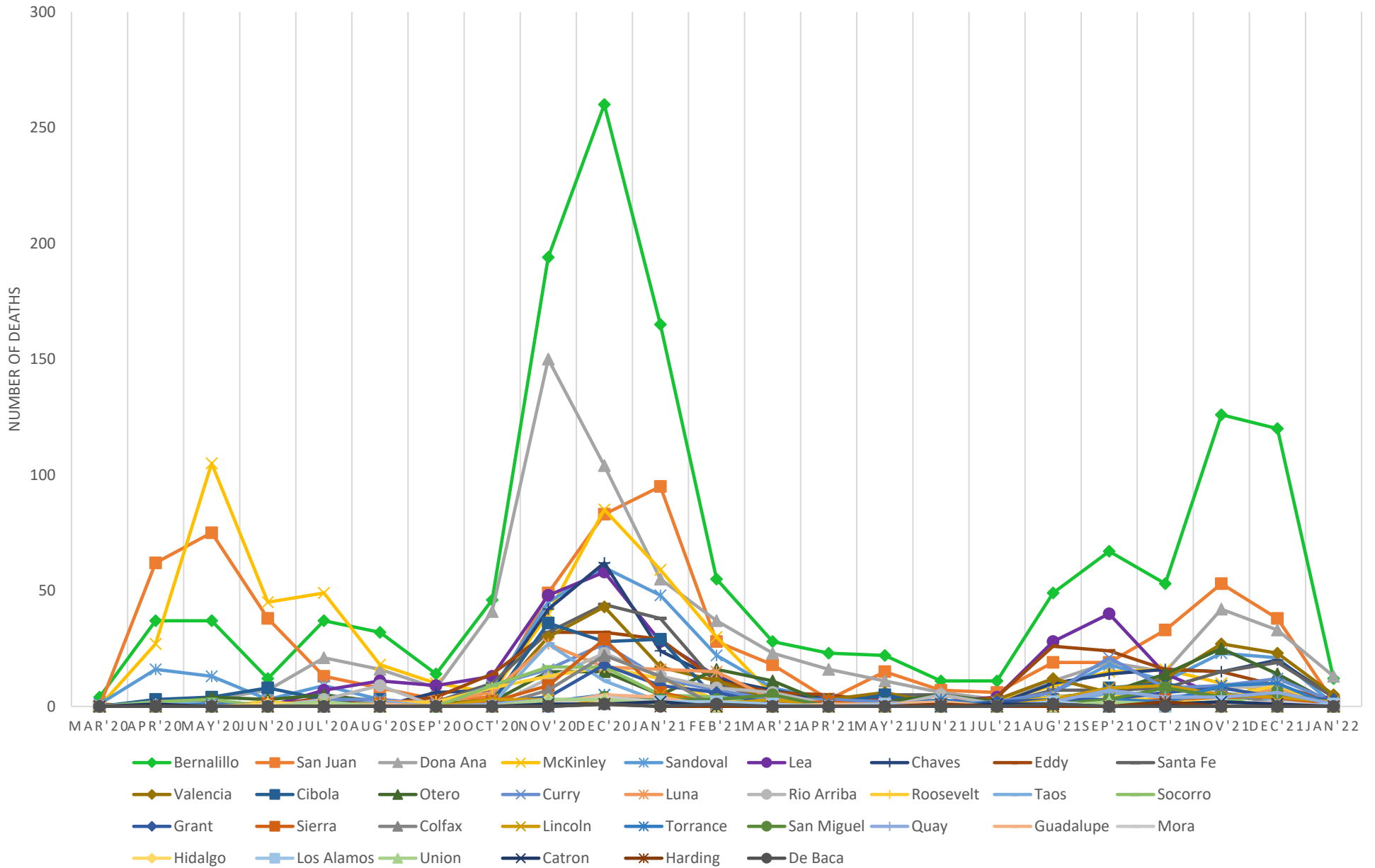


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
<b>AIAN</b>	0	78	162	78	64	39	17	29	158	241	190	75	26	8	18	11	9	21	38	40	44	48	4	1398
<b>Asian</b>	1	0	0	1	0	0	2	3	6	8	8	2	0	0	0	1	0	1	2	1	0	5	1	42
<b>Black</b>	0	2	1	0	2	1	1	7	9	15	10	1	1	2	0	1	1	5	5	1	3	7	3	78
<b>Hispanic</b>	2	24	37	22	60	45	29	99	434	475	294	130	78	44	45	27	21	108	143	134	214	198	30	2693
<b>White</b>	3	52	52	22	39	31	14	58	257	348	201	96	42	20	22	18	17	80	115	103	177	139	24	1930

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



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

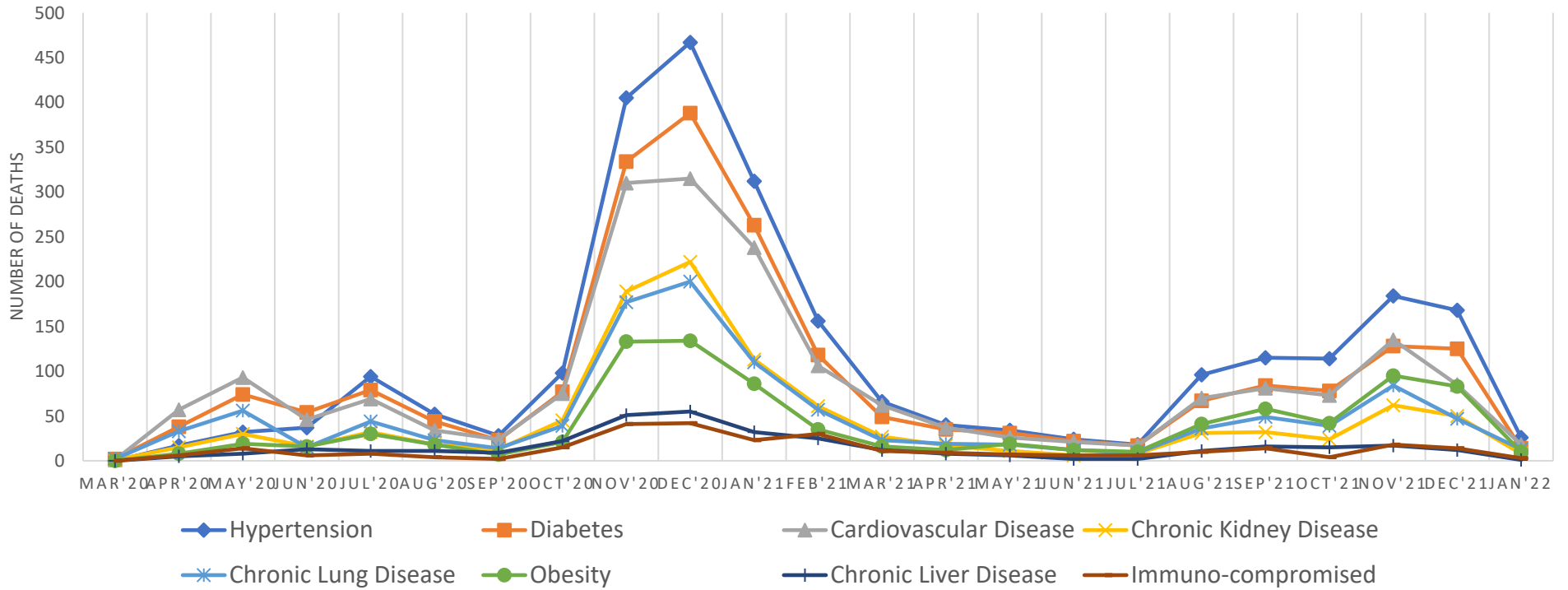




## Number of deaths by New Mexico County of residence each month – continued

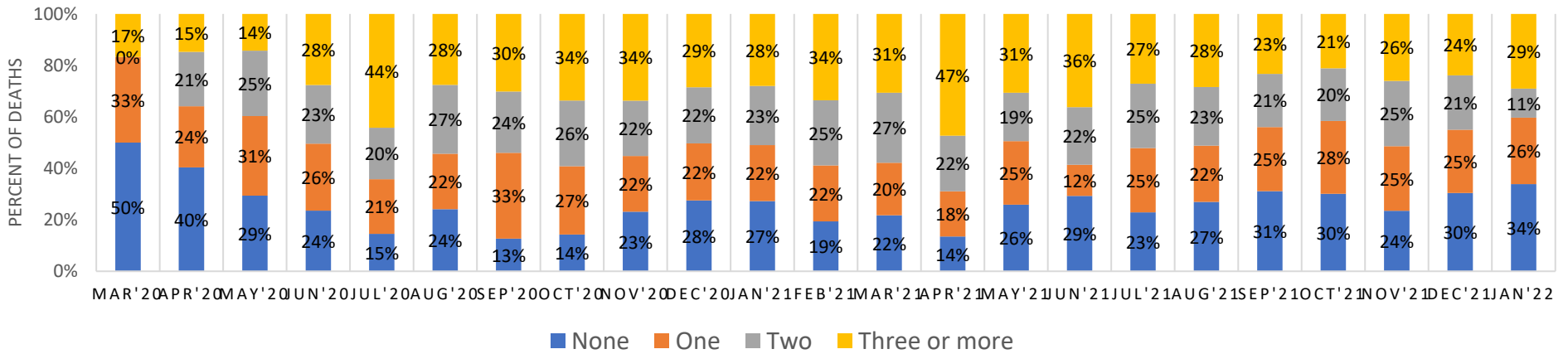
County of Residence	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
Bernalillo	4	37	37	12	37	32	14	46	194	260	165	55	28	23	22	11	11	49	67	53	126	120	12	1415
San Juan	0	62	75	38	13	8	3	4	49	83	95	28	18	3	15	7	6	19	19	33	53	38	2	671
Dona Ana	0	1	3	7	21	16	8	41	150	104	55	37	23	16	11	6	3	11	19	15	42	33	13	635
McKinley	0	27	105	45	49	18	10	6	40	85	59	30	5	1	2	1	2	9	15	16	10	6	2	543
Sandoval	1	16	13	3	9	3	1	7	45	60	48	22	8	3	3	1	2	6	18	11	23	21	1	325
Lea	0	0	0	0	7	11	9	13	48	58	28	13	5	3	4	2	4	28	40	14	4	3	4	298
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	1	2	1	10	14	16	15	20	4	252
Eddy	1	0	0	0	4	1	4	14	32	32	29	11	6	5	2	1	4	26	24	16	15	9	2	238
Santa Fe	0	2	2	0	0	1	2	10	32	44	38	10	2	1	5	5	1	7	7	8	15	19	4	215
Valencia	0	0	1	0	2	0	1	3	30	43	17	11	3	3	6	1	3	12	6	12	27	23	5	209
Cibola	0	3	4	8	3	3	0	2	36	28	29	3	3	1	5	0	0	3	8	10	4	9	0	162
Otero	0	0	4	3	5	2	0	2	15	15	5	16	11	1	2	5	2	4	6	14	25	14	1	152
Curry	0	0	0	0	3	3	1	9	16	27	12	7	3	3	2	0	2	6	21	8	9	12	2	146
Luna	0	1	0	2	0	2	2	6	27	17	16	15	3	1	0	0	0	0	1	4	4	8	1	110
Rio Arriba	0	0	1	0	3	9	0	0	12	23	13	8	6	1	0	5	1	2	0	3	8	9	0	104
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	0	1	4	5	2	4	9	0	84
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	1	2	0	6	4	6	2	1	75
Socorro	0	2	3	0	1	0	0	9	17	17	5	4	2	0	1	0	0	1	1	1	2	5	0	71
Grant	0	0	0	0	1	0	0	2	4	18	9	6	1	0	0	0	2	3	3	6	8	4	3	70
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	0	0	1	1	3	4	4	0	65
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	2	0	0	0	2	6	1	0	55
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	1	1	0	3	8	9	5	4	2	51
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	3	0	1	3	2	9	10	0	41
San Miguel	0	0	0	0	0	0	0	0	2	4	3	3	5	0	0	0	0	1	3	8	4	6	1	40
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	1	0	0	2	7	4	4	6	1	35
Guadalupe	0	0	0	0	0	1	0	0	1	5	4	0	0	1	1	2	0	0	0	0	0	0	0	15
Mora	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	1	0	2	0	1	1	2	0	14
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	0	0	0	0	1	1	0	1	0	0	12
Los Alamos	0	0	0	0	0	0	0	0	0	1	2	2	1	0	1	0	0	2	0	0	2	0	1	12
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	0	0	0	0	0	2	1	0	0	0	12
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	1	2	1	0	11
Harding	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	4
De Baca	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3
<b>Total</b>	<b>6</b>	<b>156</b>	<b>252</b>	<b>123</b>	<b>165</b>	<b>116</b>	<b>63</b>	<b>196</b>	<b>864</b>	<b>1087</b>	<b>704</b>	<b>304</b>	<b>147</b>	<b>74</b>	<b>85</b>	<b>58</b>	<b>48</b>	<b>215</b>	<b>305</b>	<b>279</b>	<b>438</b>	<b>398</b>	<b>62</b>	<b>6145</b>

## Number of Deaths by Underlying Conditions Each Month



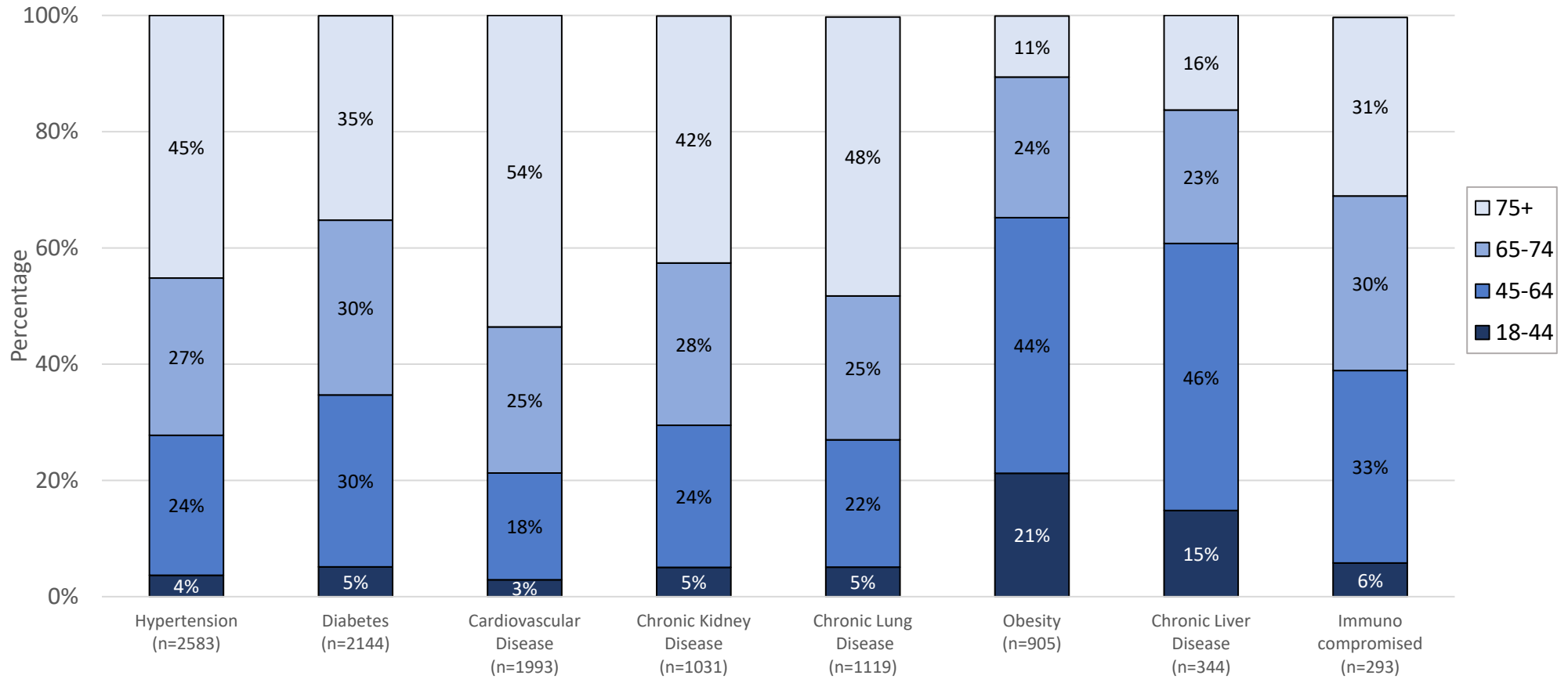
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
<b>Hypertension</b>	0	17	32	37	94	52	28	98	405	467	312	156	66	40	34	24	18	96	115	114	184	168	26	2583
<b>Diabetes</b>	2	38	74	54	79	44	23	77	334	388	263	118	49	35	31	22	17	67	84	78	128	125	14	2144
<b>Cardiovascular Disease</b>	1	57	93	46	69	34	24	75	310	315	238	106	62	37	26	21	17	70	81	73	135	85	18	1993
<b>Chronic Kidney Disease</b>	1	15	30	16	32	18	13	45	189	222	113	61	27	17	11	6	8	31	32	24	62	50	8	1031
<b>Chronic Lung Disease</b>	2	33	56	15	44	23	14	39	177	200	110	57	23	19	18	12	9	36	49	39	84	47	13	1119
<b>Obesity</b>	0	8	19	16	30	18	7	21	133	134	86	35	16	12	19	12	10	41	58	42	95	83	10	905
<b>Chronic Liver Disease</b>	0	5	8	13	11	11	9	22	51	55	32	25	12	8	6	2	2	11	16	15	17	12	1	344
<b>Immuno-compromised</b>	0	6	14	6	8	4	2	15	41	42	23	30	11	9	7	6	6	10	14	4	18	14	3	293

## 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	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Total
<b>None</b>	3	63	74	29	24	28	8	28	200	299	192	59	32	10	22	17	11	58	95	84	103	121	21	1581
<b>One</b>	2	37	78	32	35	25	21	52	187	241	153	66	30	13	21	7	12	47	76	79	110	98	16	1438
<b>Two</b>	0	33	64	28	33	31	15	50	186	237	162	77	40	16	16	13	12	49	63	57	111	84	7	1384
<b>Three or more</b>	1	23	36	34	73	32	19	66	291	310	197	102	45	35	26	21	13	61	71	59	114	95	18	1742
<b>Total</b>	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	85	58	48	215	305	279	438	398	62	6145

## Percentage of Deaths by Underlying Condition and Age Group

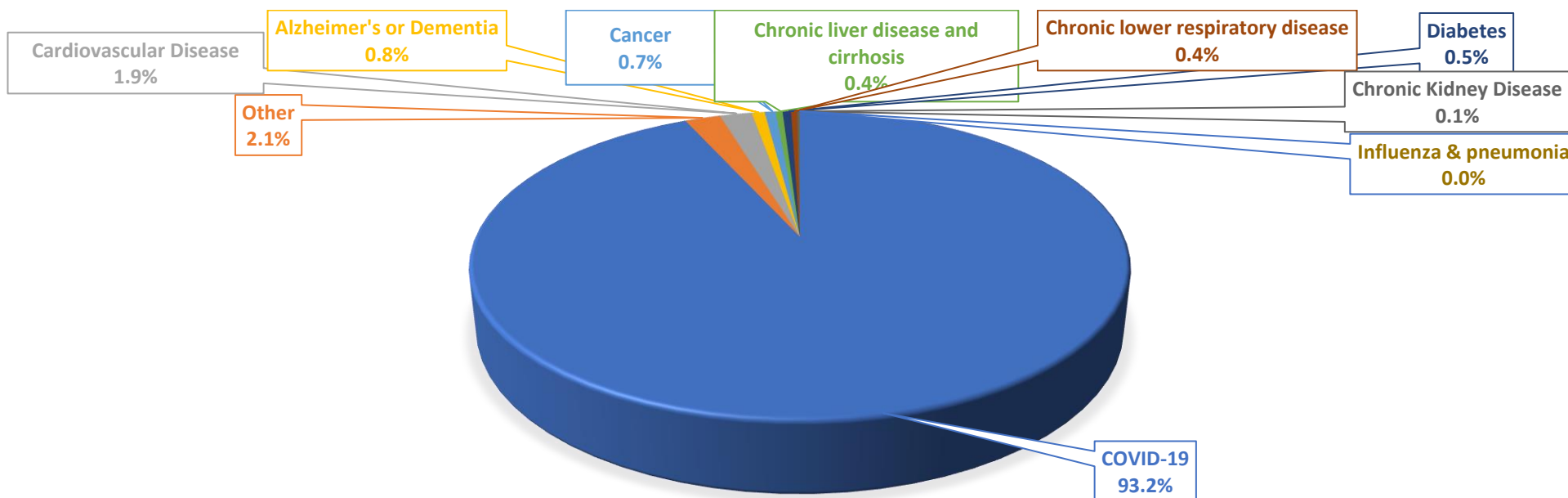


## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	5864	95.4%
Yes	No	0	0.0%
Yes	Pending	12	0.2%
No	Yes	269	4.4%
<b>Total</b>		6145	100.0%

\* Positive RT-PCR or Rapid Test

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

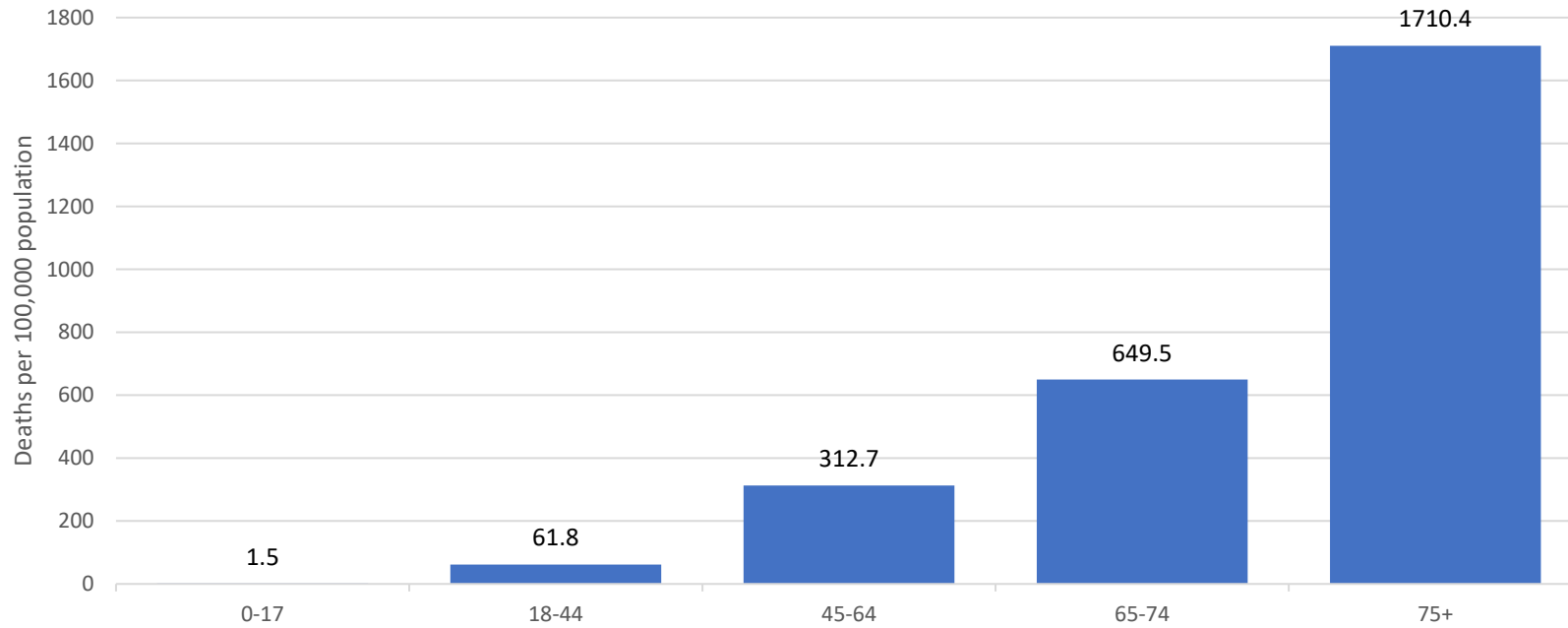


Underlying Cause	Number of Deaths*	Percent
COVID-19	5414	93.2%
Other	121	2.1%
Cardiovascular Disease	109	1.9%
Alzheimer's or Dementia	44	0.8%
Cancer	38	0.7%
Chronic liver disease and cirrhosis	23	0.4%
Diabetes	29	0.5%
Chronic lower respiratory disease	21	0.4%
Chronic Kidney Disease	8	0.1%
Influenza & pneumonia	1	0.0%
<b>Total</b>	<b>5808</b>	<b>100.0%</b>
*Excludes 337 (5%) deaths which have not yet been coded by the National Center for Health Statistics.		

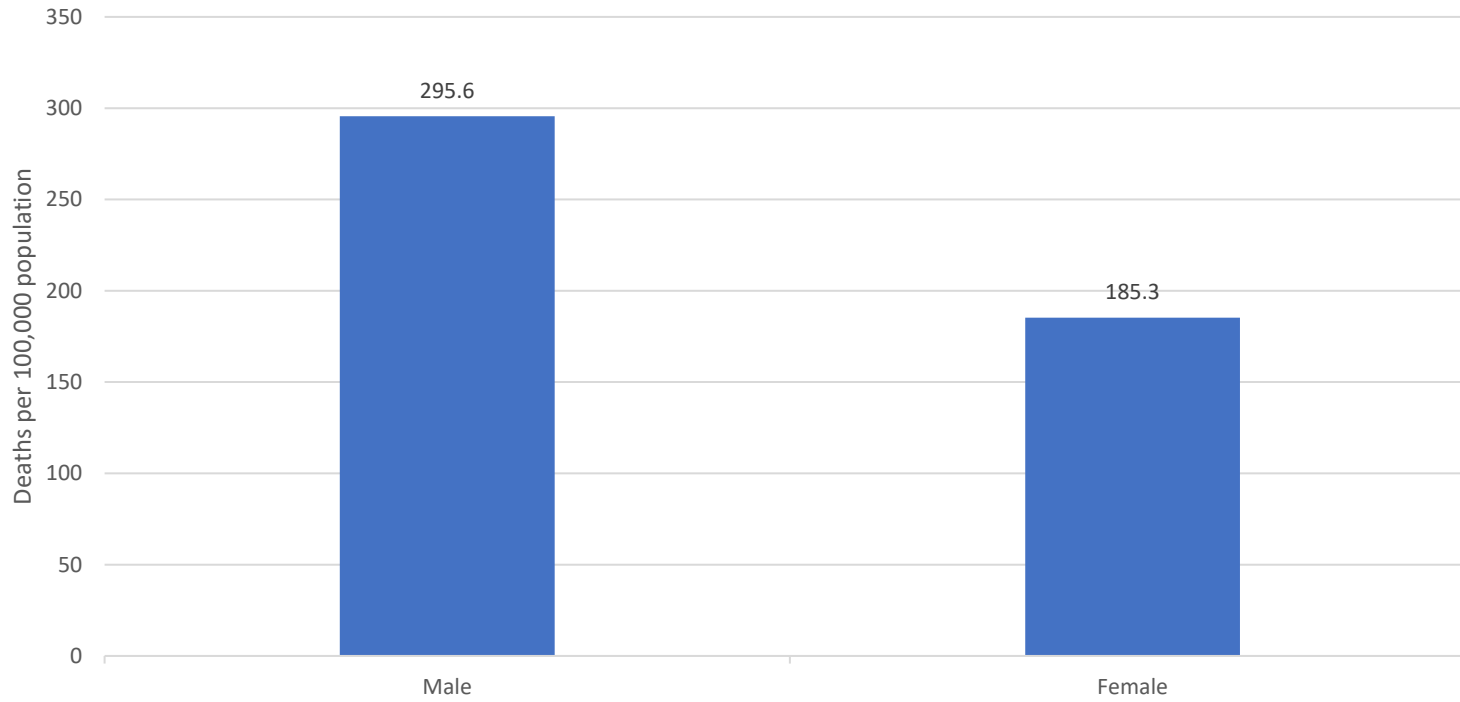
## SECTION 2: MORTALITY RATES

### 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.

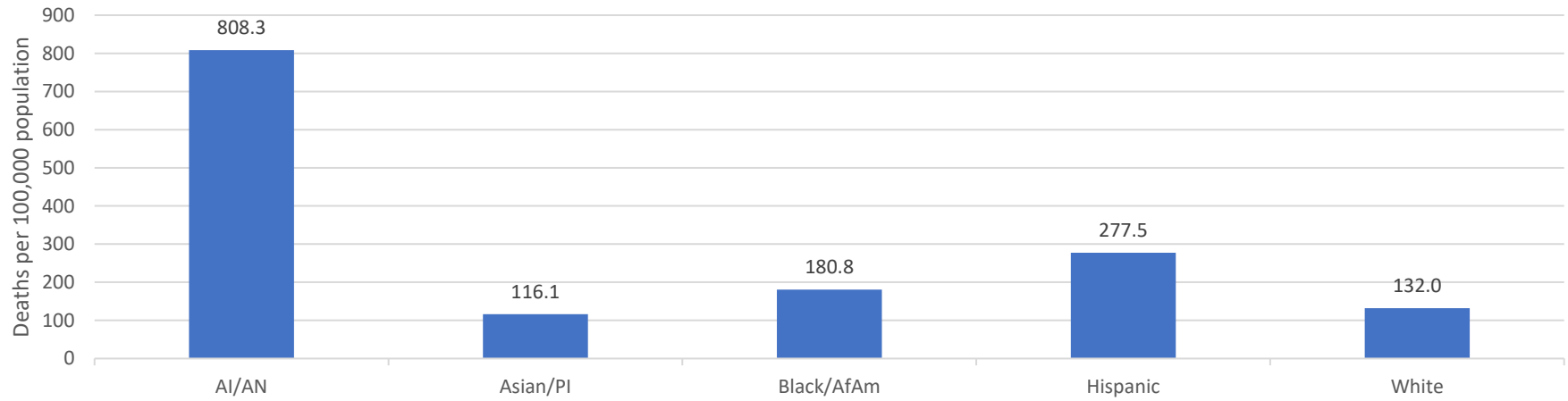


## Age-adjusted Mortality Rate per 100,000 Population by Gender

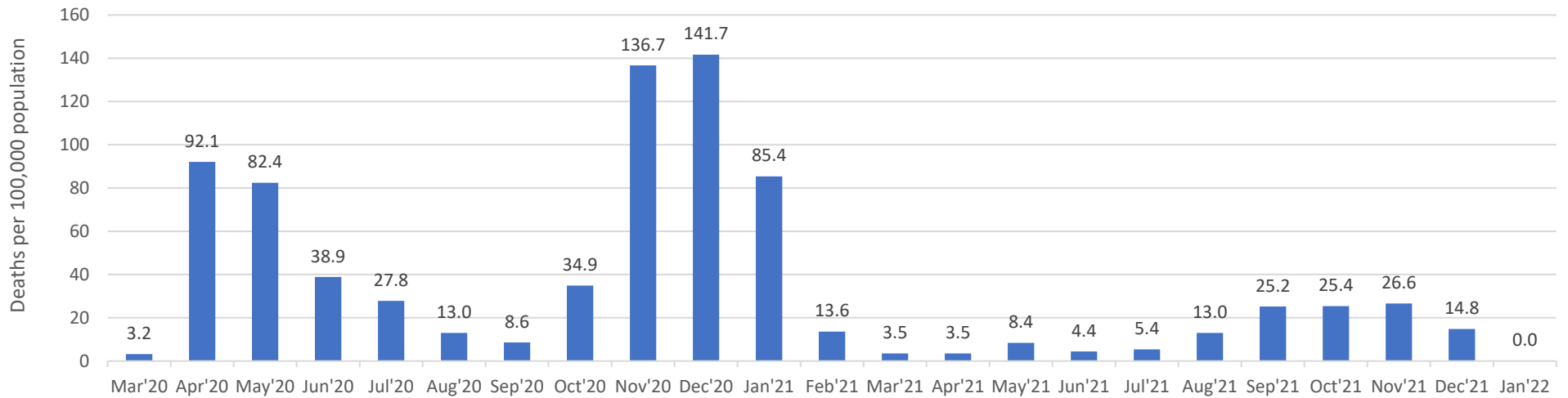




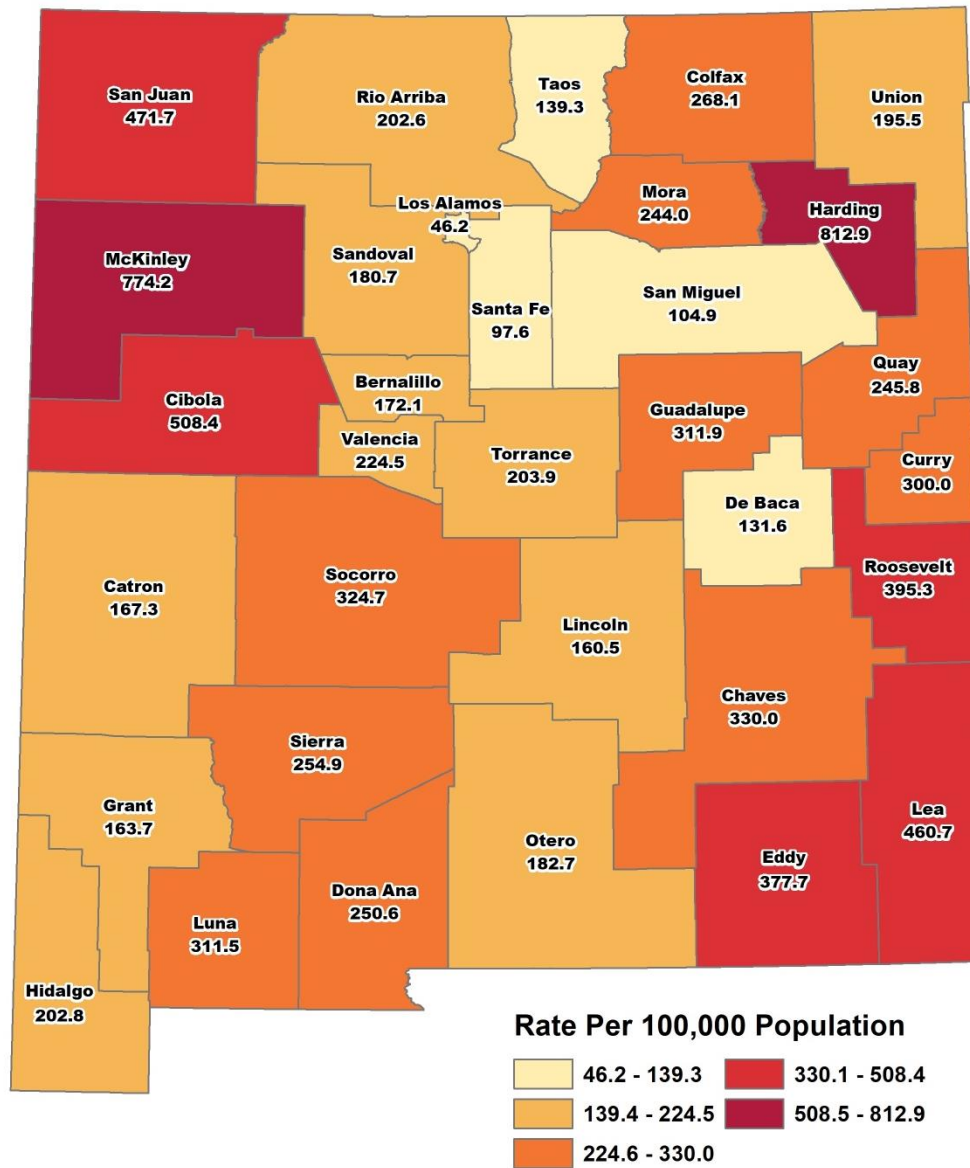
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



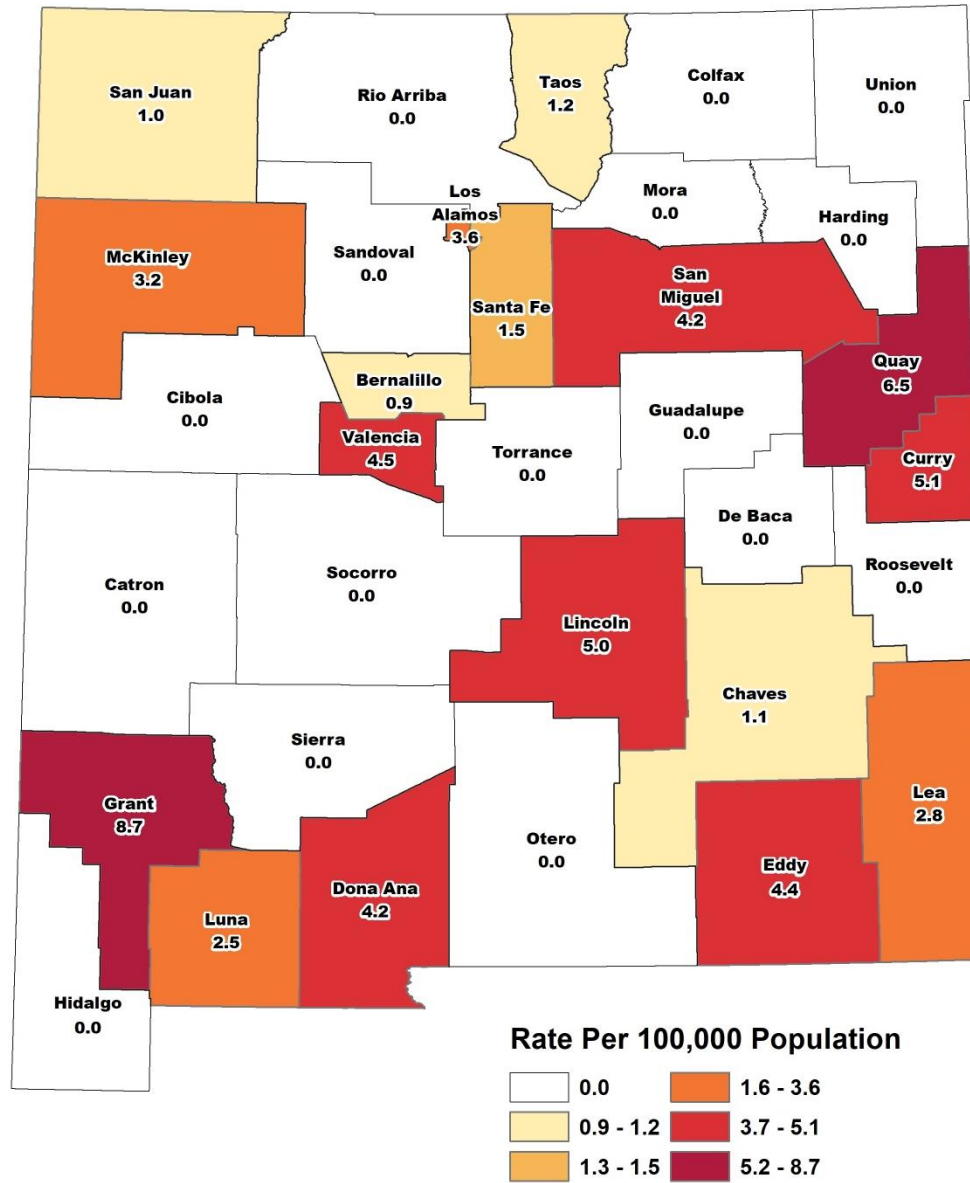
### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test



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

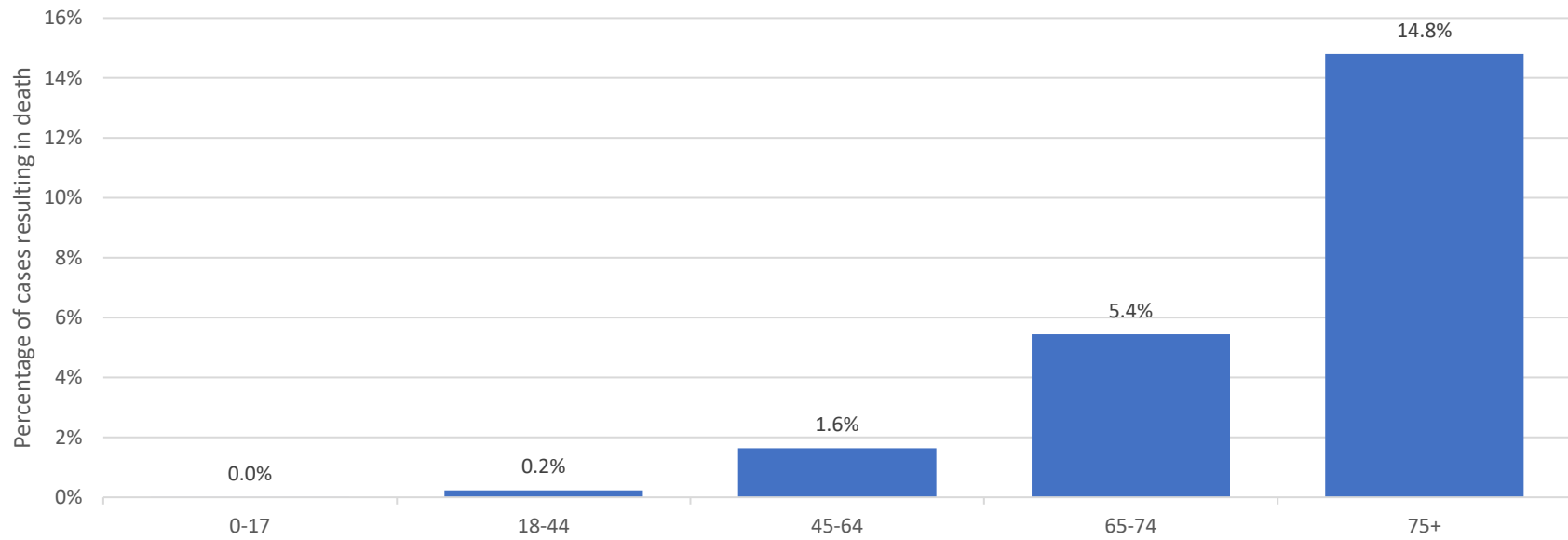


# Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

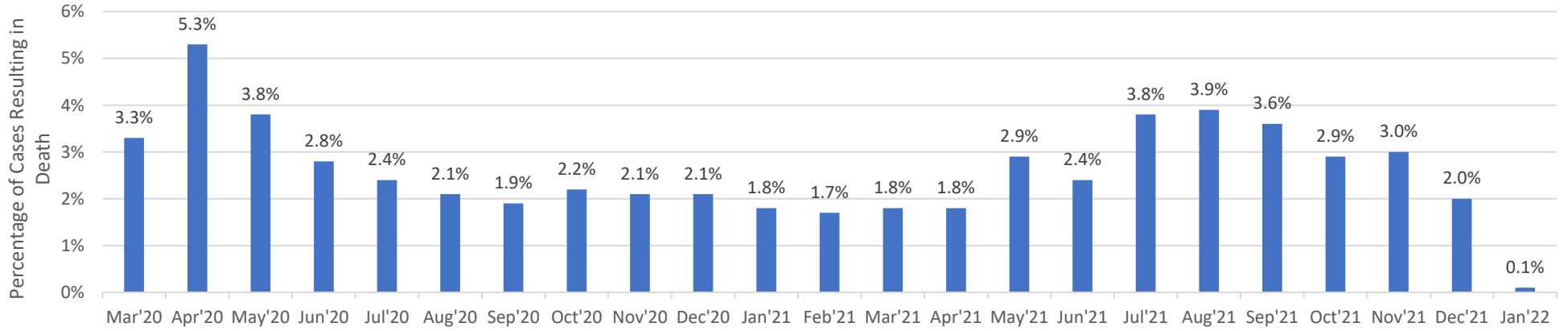


## SECTION 3: CASE FATALITY RATES

### Case Fatality Rate by Age Group



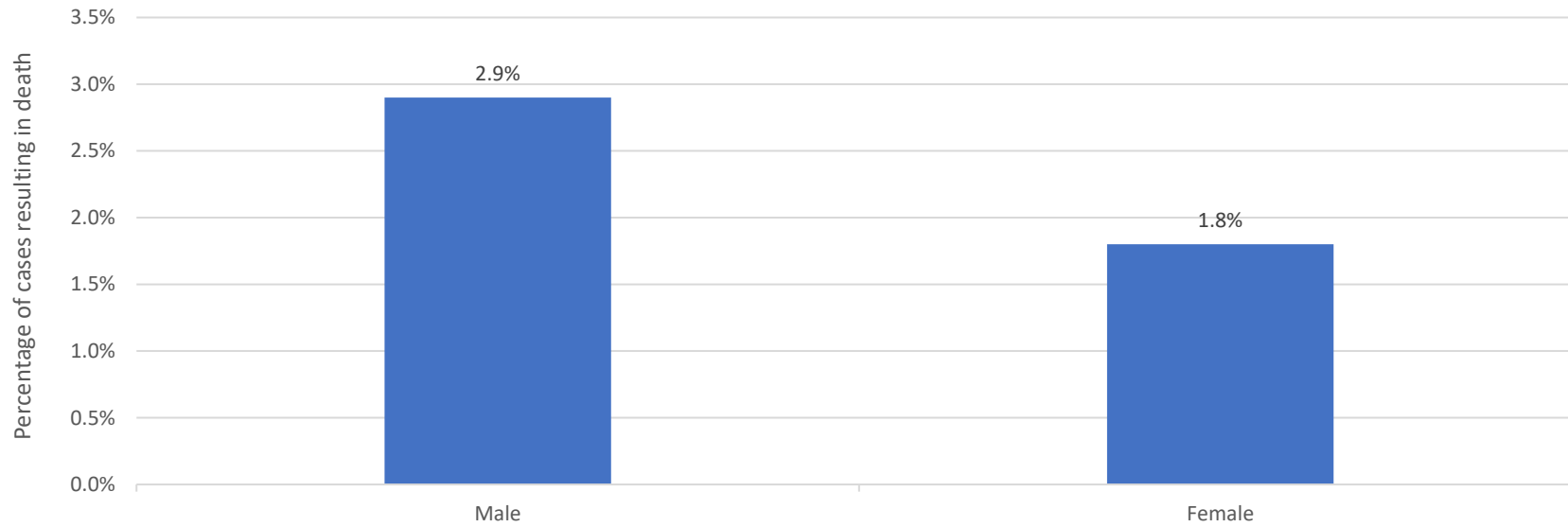
## Age-adjusted\* Case Fatality Rate by Month of 1<sup>st</sup> Positive Test



\*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>

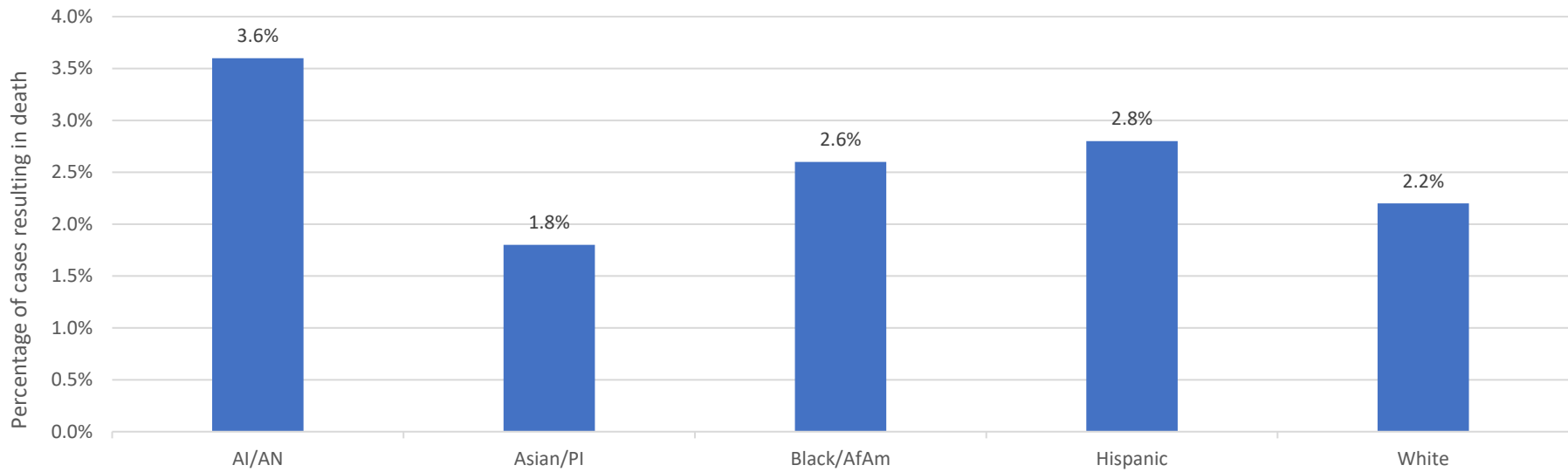
## Age-adjusted\* Case Fatality Rate by Gender



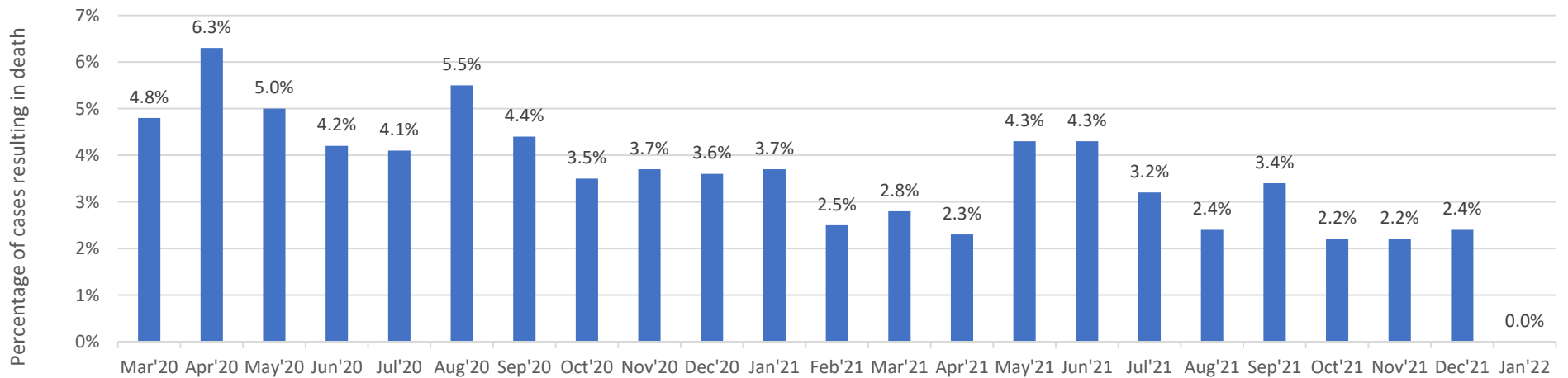
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

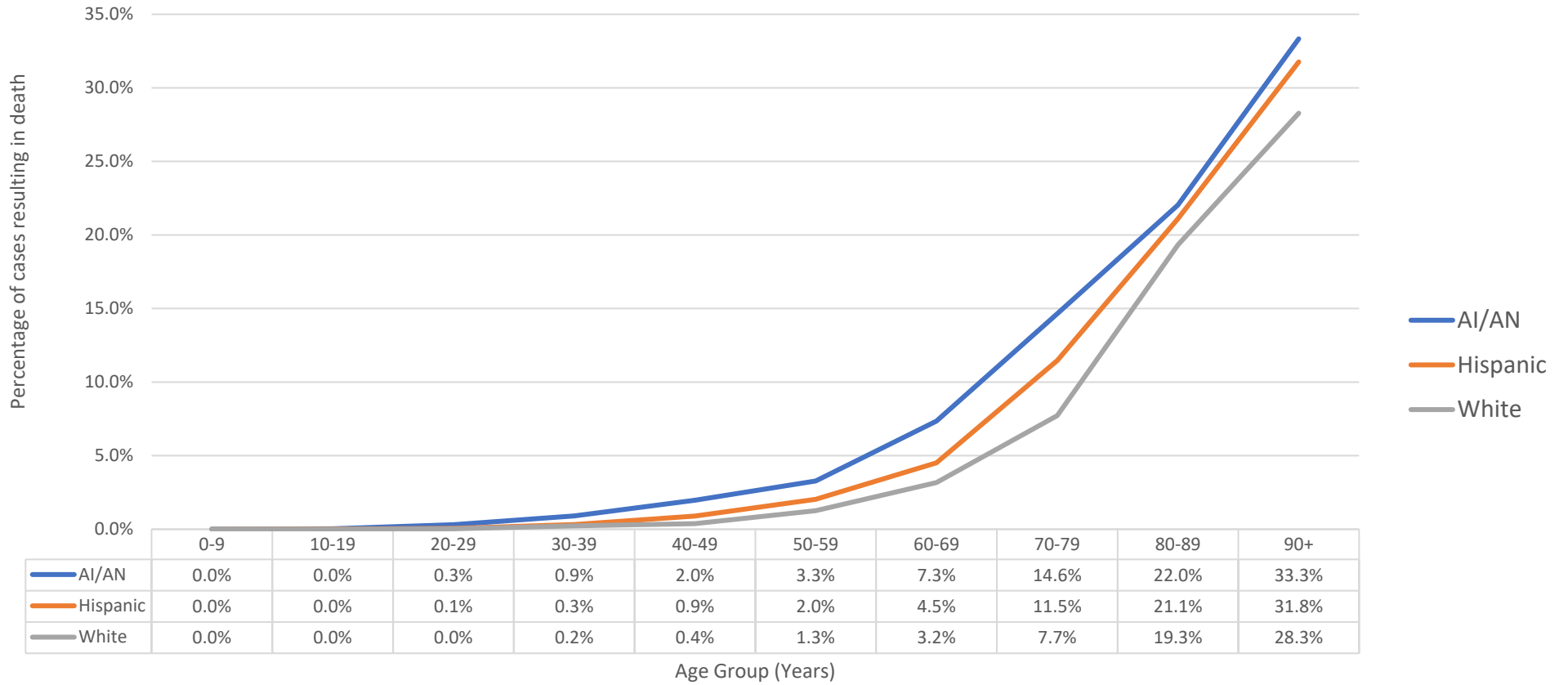
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



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

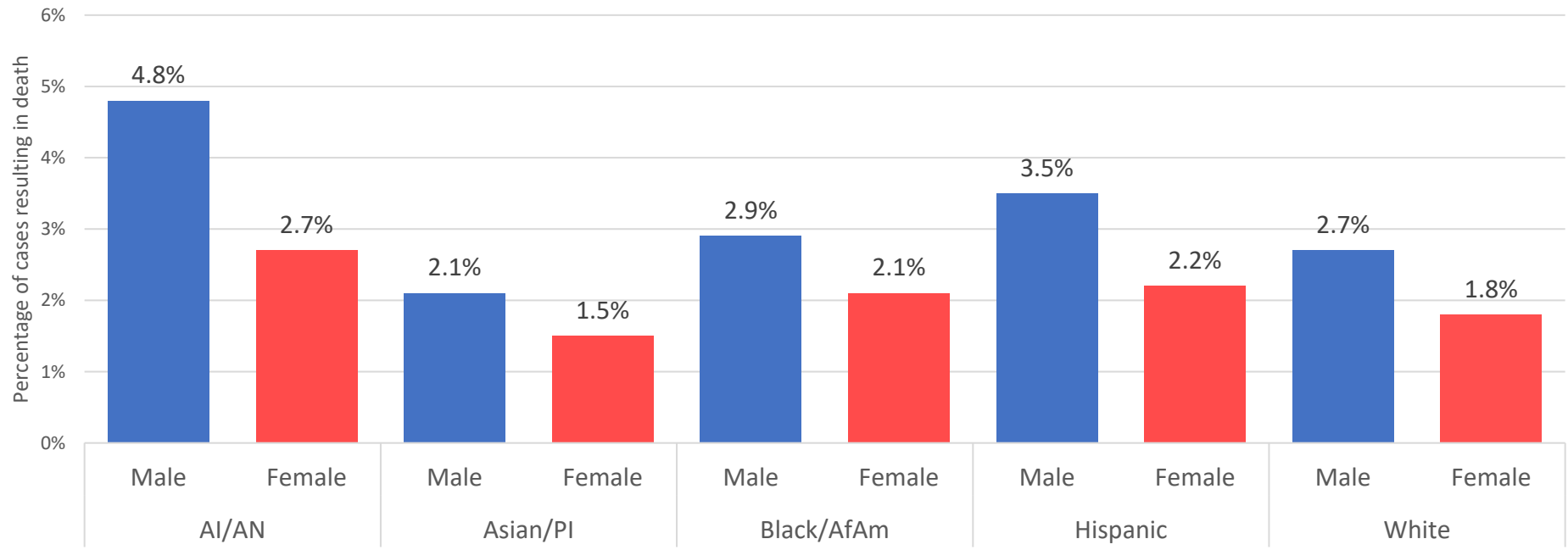


### Case Fatality Rate by Race/Ethnicity and Age Group

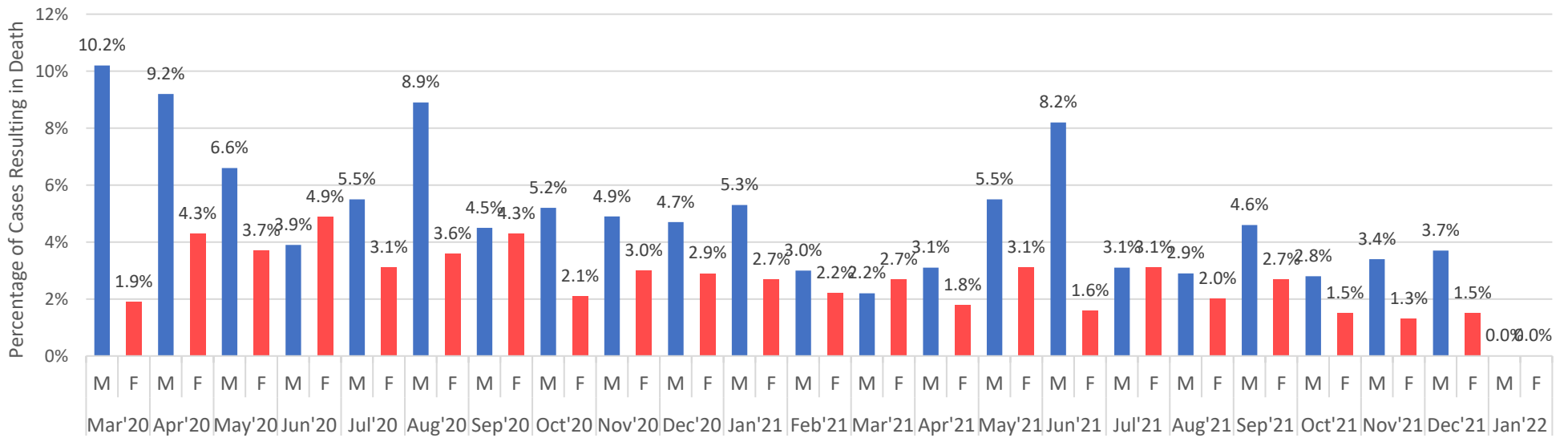




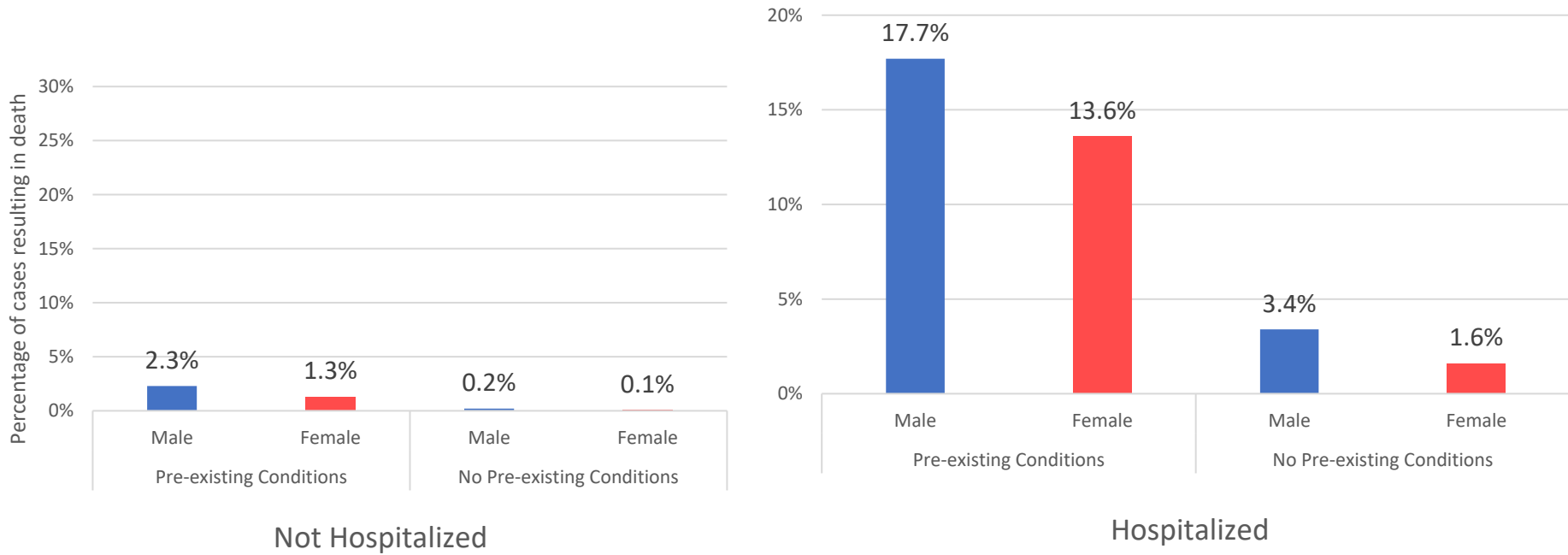
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity and Gender



### 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 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. Beginning January 1, 2022 deaths due to natural causes matched to a SARS-CoV-2 positive test result within 30 days of the date of death are included as COVID-19 related deaths even when COVID is not listed on the death certificate.

- **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.