

# NEW MEXICO COVID-19 MORTALITY UPDATE

October 18, 2021

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

**Total Deaths**

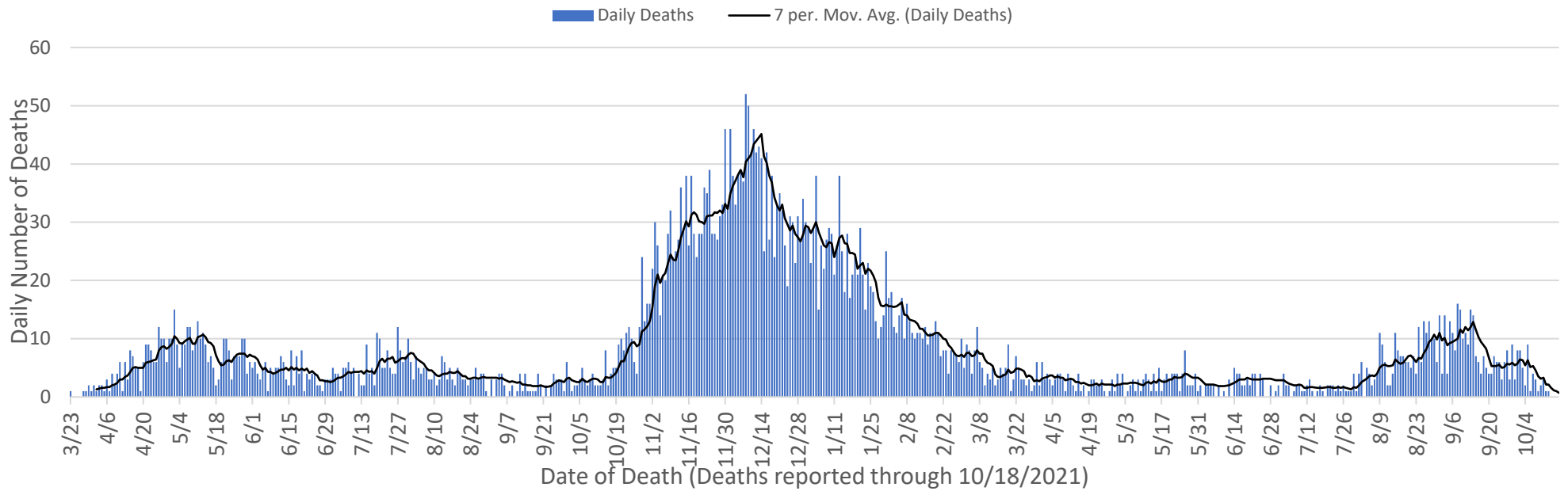
**4,942**

**Deaths in the Last 14 Days**

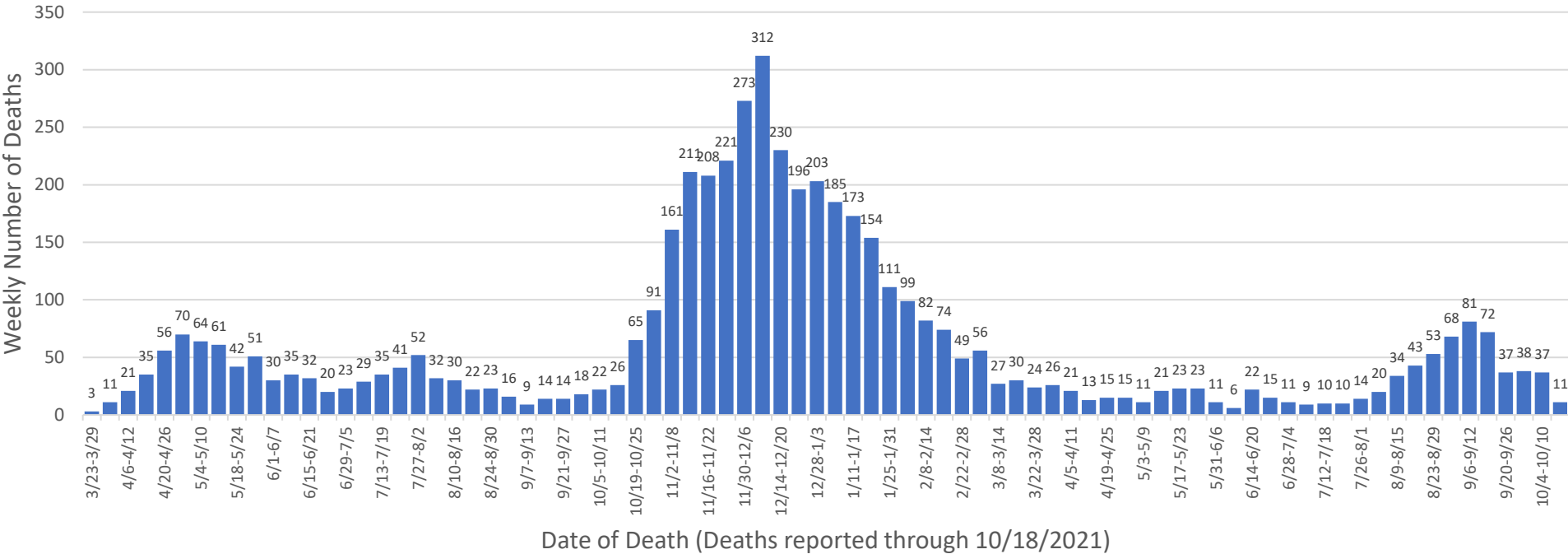
**48**

## SECTION 1: DEATH COUNTS

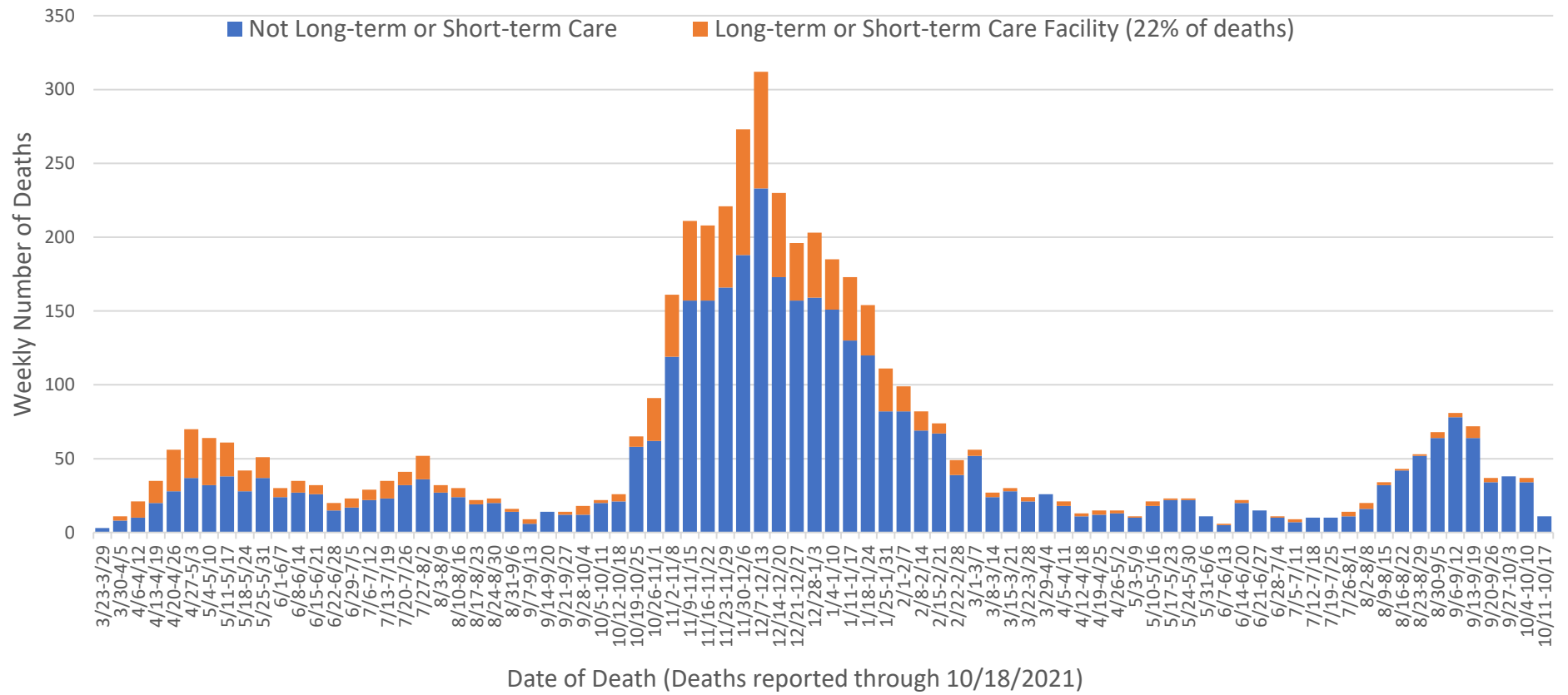
### Daily Number of Deaths and 7-day Moving Average



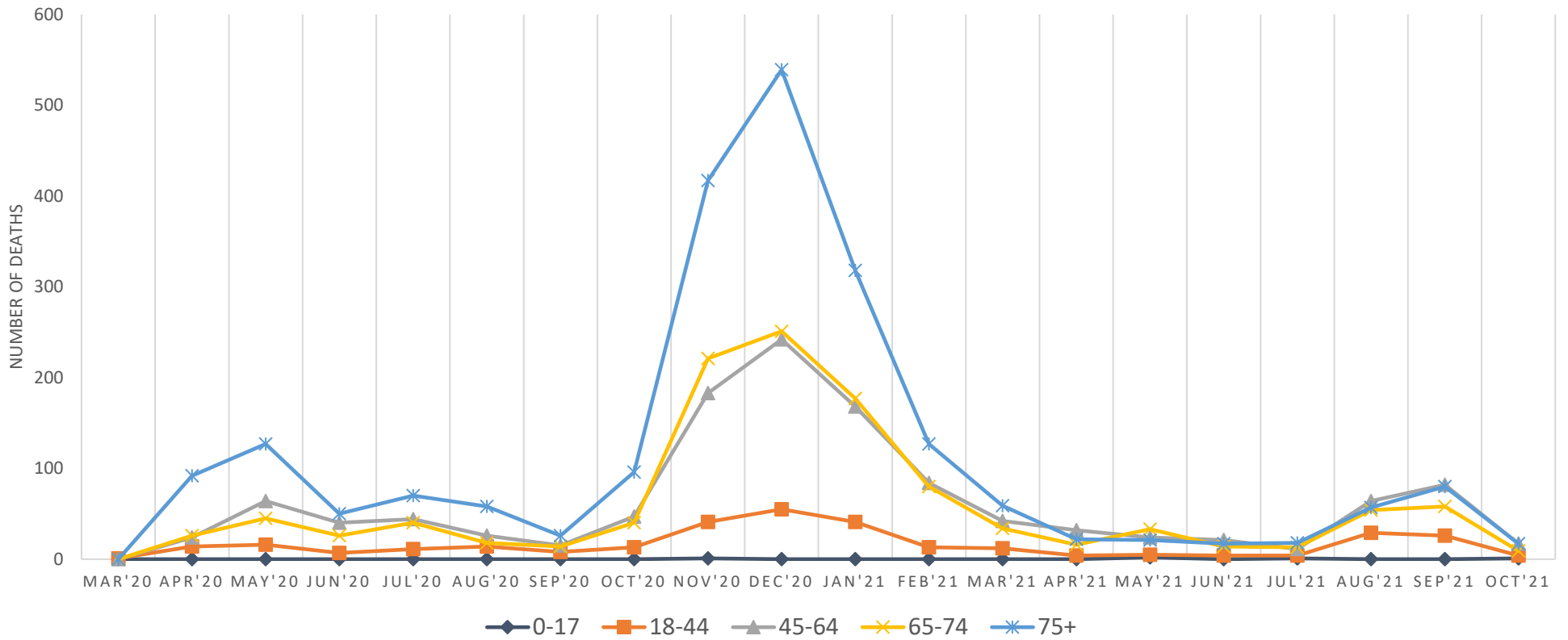
# Number of Deaths Each Week



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

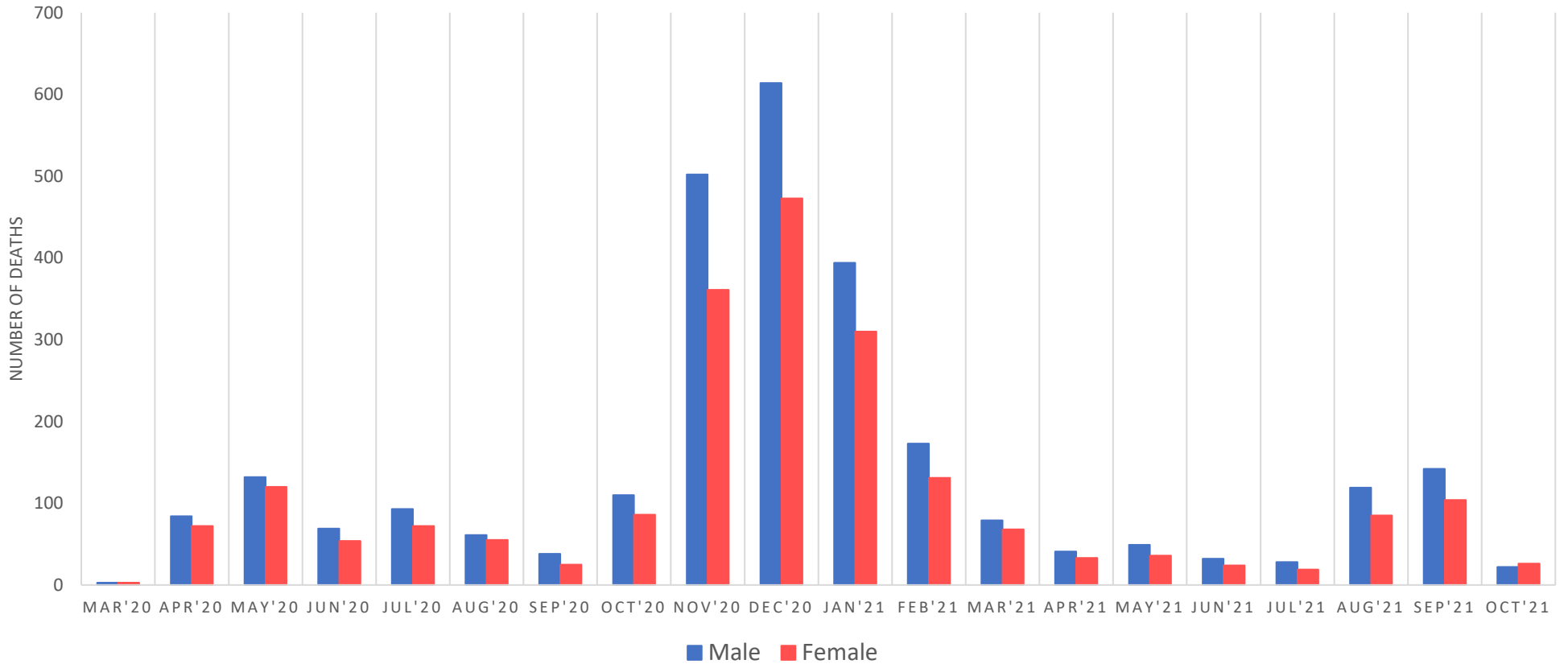


## Number of Deaths by Age Group Each Month



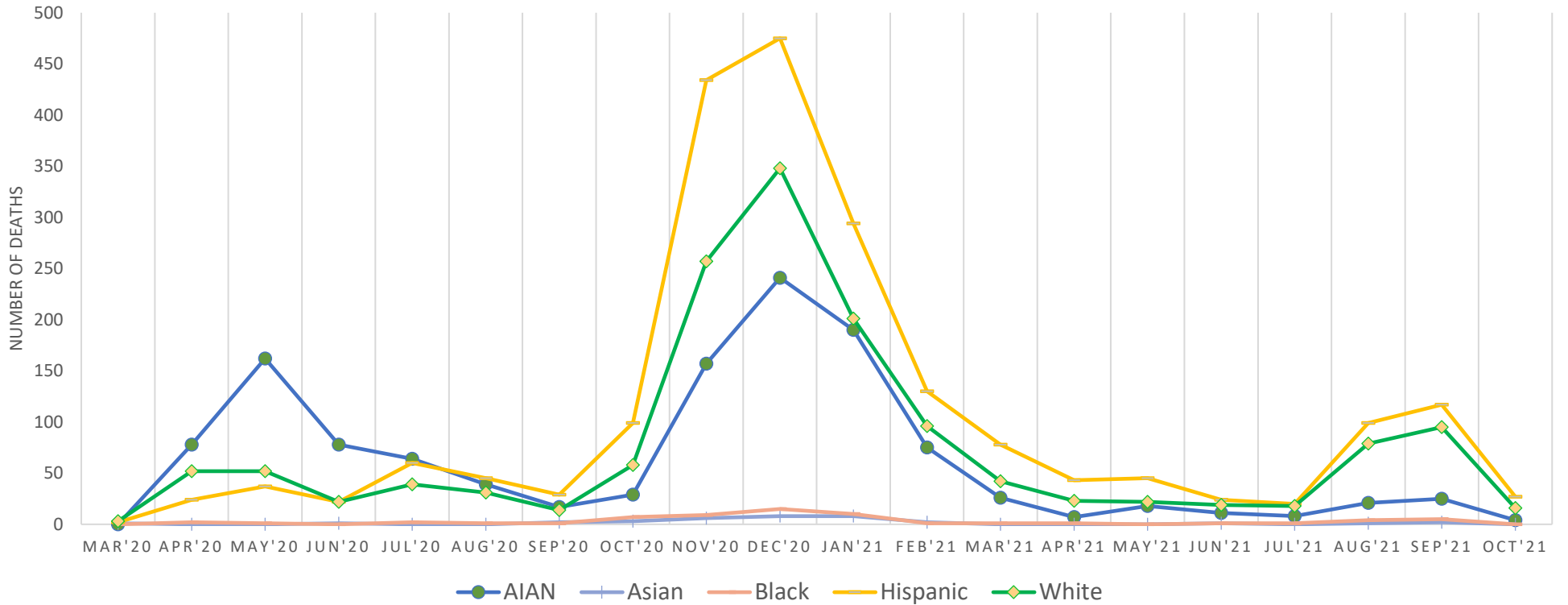
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Total
0-17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	1	5
18-44	1	14	16	7	11	14	8	13	41	55	41	13	12	4	5	4	4	29	26	4	322
45-64	0	24	64	40	44	26	15	47	183	242	168	84	42	32	24	21	11	64	82	17	1230
65-74	1	26	45	26	40	18	14	40	221	251	177	80	34	16	33	14	13	54	58	9	1170
75+	4	92	127	50	70	58	26	96	417	539	318	127	59	22	21	17	18	57	80	17	2215
<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>863</b>	<b>1087</b>	<b>704</b>	<b>304</b>	<b>147</b>	<b>74</b>	<b>85</b>	<b>56</b>	<b>47</b>	<b>204</b>	<b>246</b>	<b>48</b>	<b>4942</b>

## Number of Deaths by Gender Each Month



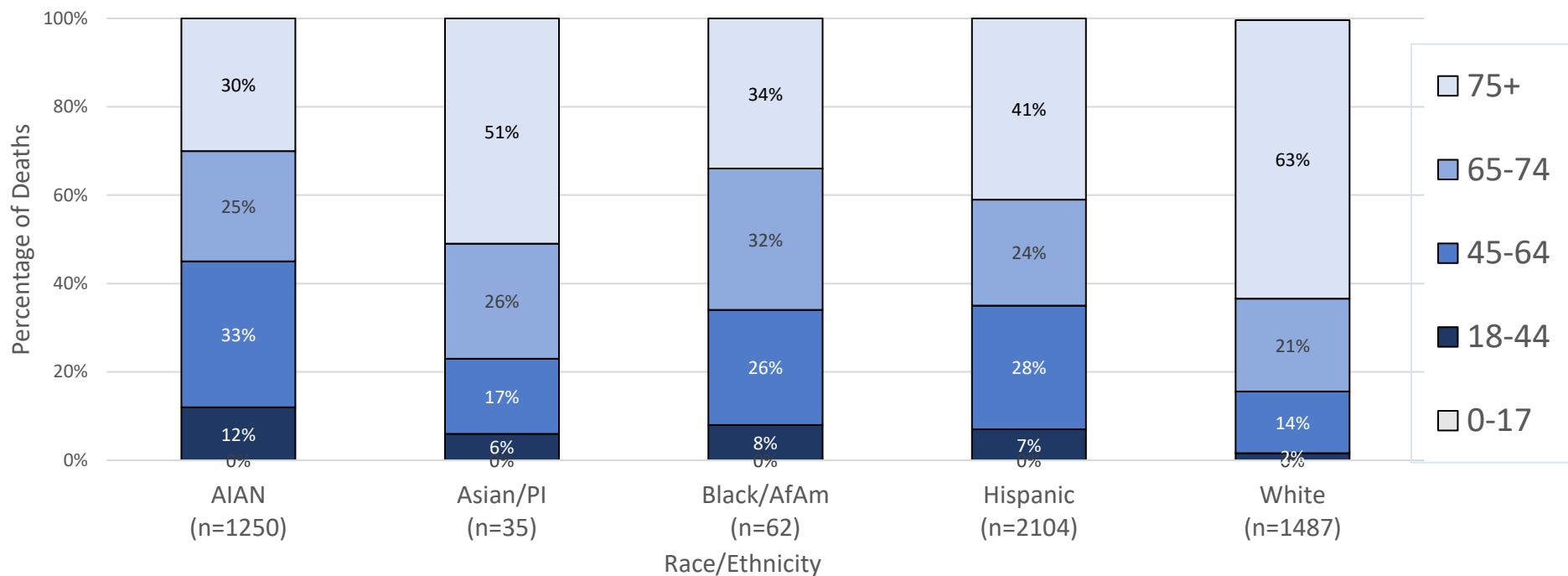
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Total
<b>Male</b>	3	84	132	69	93	61	38	110	502	614	394	173	79	41	49	32	28	119	142	22	2785
<b>Female</b>	3	72	120	54	72	55	25	86	361	473	310	131	68	33	36	24	19	85	104	26	2157
<b>Total</b>	6	156	252	123	165	116	63	196	863	1087	704	304	147	74	85	56	47	204	246	48	4942

## Number of Deaths by Race/Ethnicity Each Month

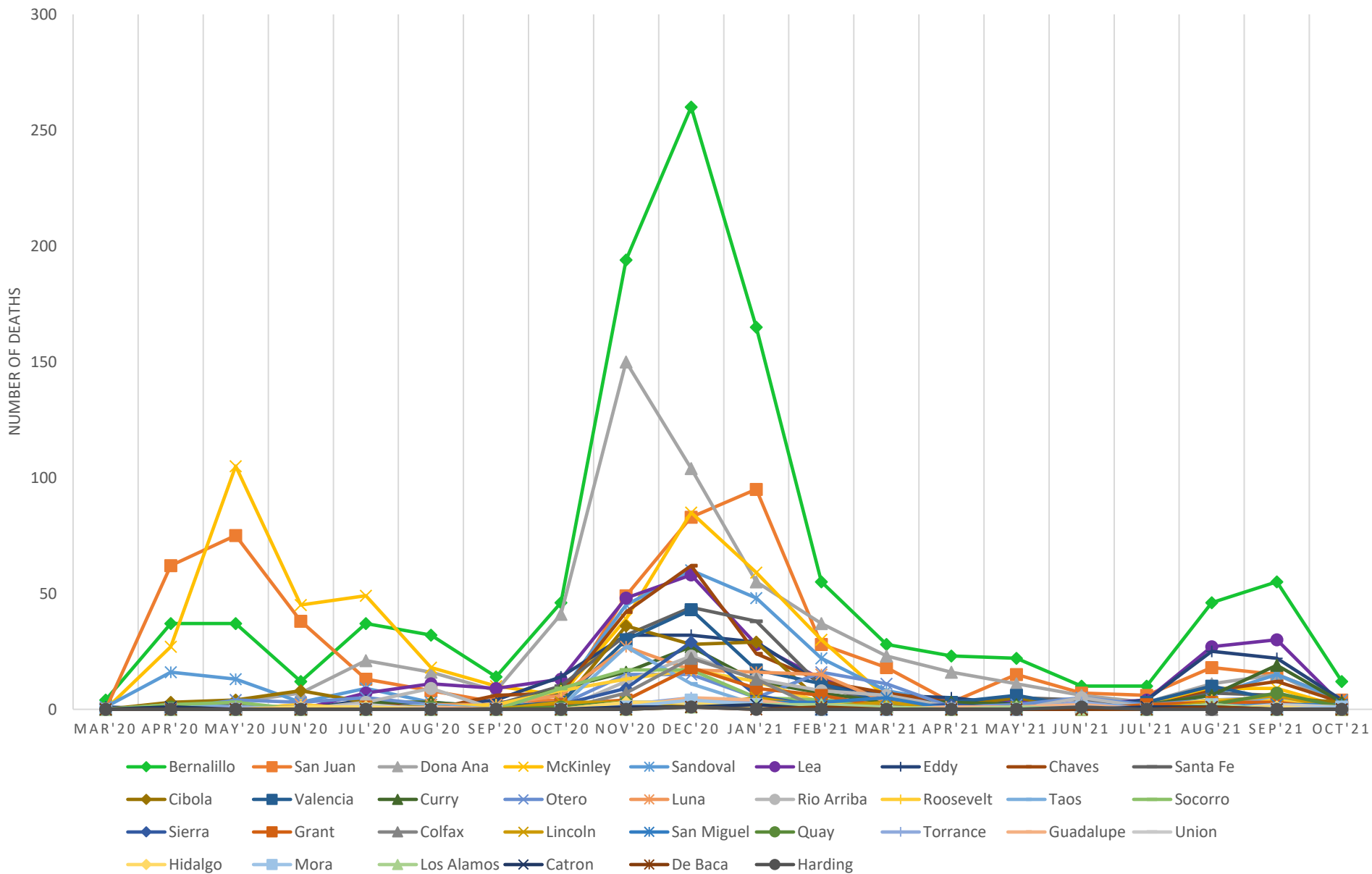


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Total
<b>AIAN</b>	0	78	162	78	64	39	17	29	157	241	190	75	26	7	18	11	8	21	25	4	1250
<b>Asian</b>	1	0	0	1	0	0	2	3	6	8	8	2	0	0	0	1	0	1	2	0	35
<b>Black</b>	0	2	1	0	2	1	1	7	9	15	10	1	1	1	0	1	1	4	5	0	62
<b>Hispanic</b>	2	24	37	22	60	45	29	99	434	475	294	130	78	43	45	24	20	99	117	27	2104
<b>White</b>	3	52	52	22	39	31	14	58	257	348	201	96	42	23	22	19	18	79	95	16	1487
<b>Unknown</b>	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	4
<b>Total</b>	6	156	252	123	165	116	63	196	863	1087	704	304	147	74	85	56	47	204	246	48	4942

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



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

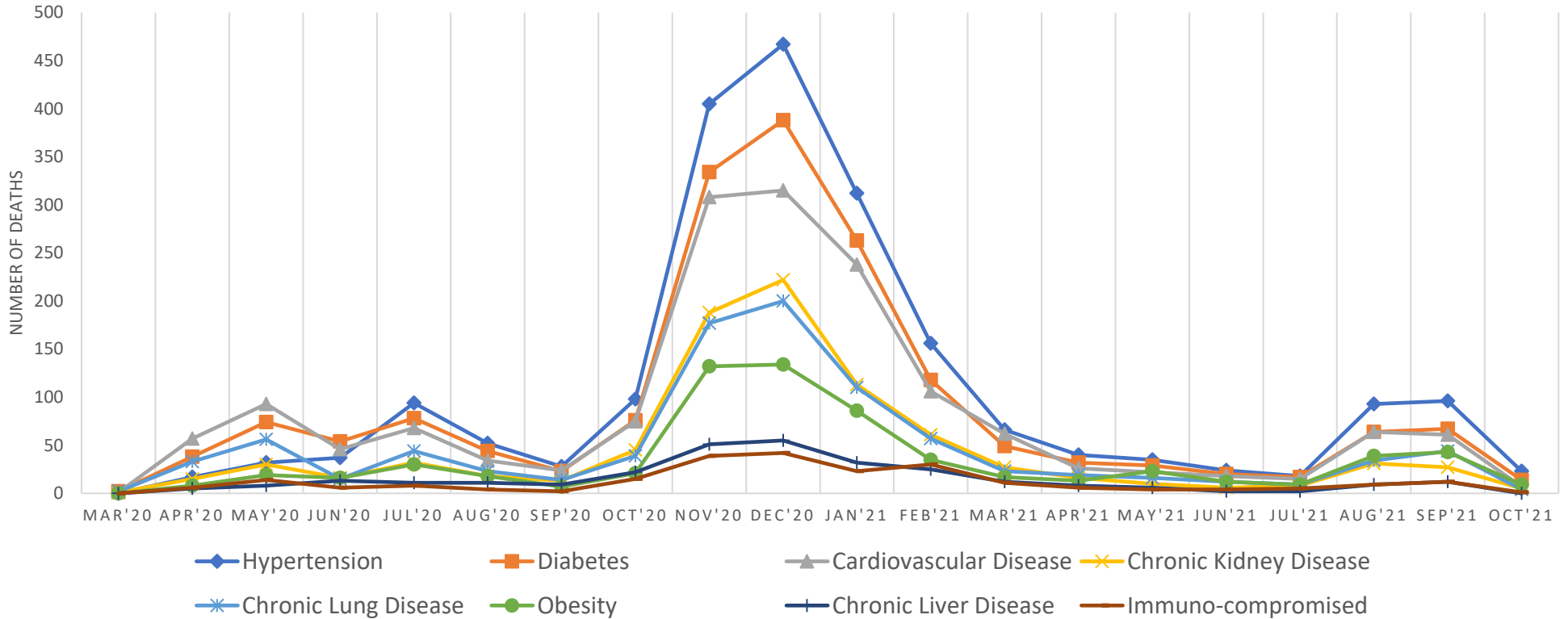




## Number of deaths by New Mexico County of residence each month – continued

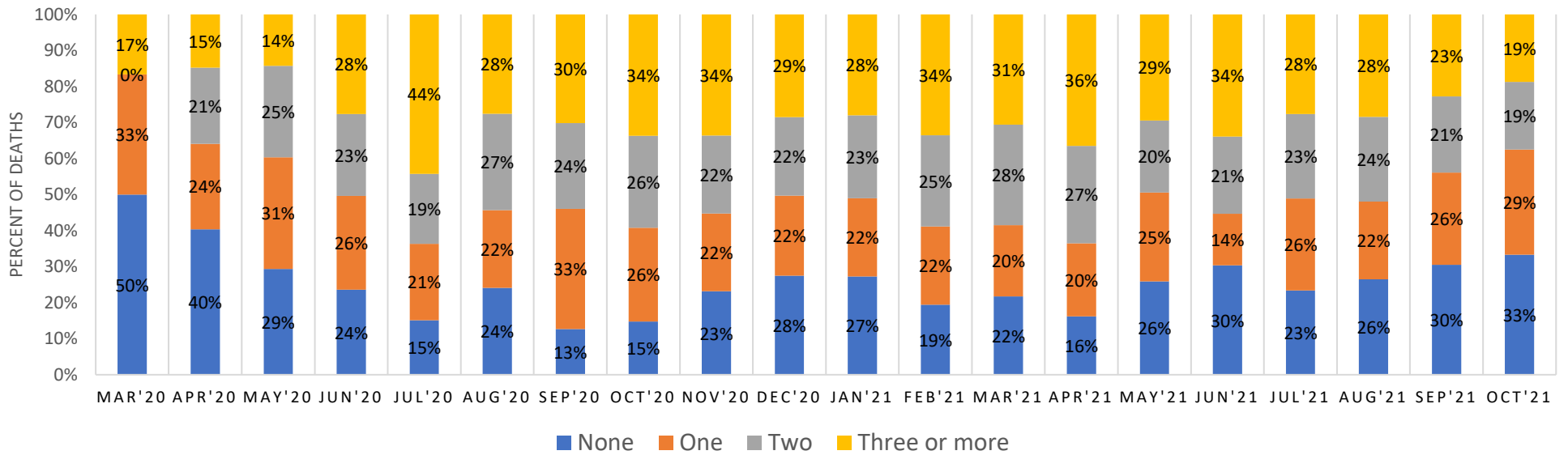
County of Residence	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Total
Bernalillo	4	37	37	12	37	32	14	46	194	260	165	55	28	23	22	10	10	46	55	12	1099
San Juan	0	62	75	38	13	8	3	4	49	83	95	28	18	3	15	7	6	18	15	4	544
Dona Ana	0	1	3	7	21	16	8	41	150	104	55	37	23	16	11	6	3	11	15	2	530
McKinley	0	27	105	45	49	18	10	6	39	85	59	30	5	1	2	1	2	9	9	1	503
Sandoval	1	16	13	3	9	3	1	7	45	60	48	22	8	3	3	1	2	6	15	4	270
Lea	0	0	0	0	7	11	9	13	48	58	28	13	5	3	4	2	4	27	30	2	264
Eddy	1	0	0	0	4	1	4	14	32	32	29	11	6	5	2	1	4	25	22	4	197
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	1	2	1	8	12	3	196
Santa Fe	0	2	2	0	0	1	2	10	32	44	38	10	2	1	5	4	1	7	6	0	167
Cibola	0	3	4	8	3	3	0	2	36	28	29	3	3	1	5	0	0	3	5	3	139
Valencia	0	0	1	0	2	0	1	3	30	43	17	11	3	3	6	1	3	10	4	0	138
Curry	0	0	0	0	3	3	1	9	16	27	12	7	3	3	2	0	2	6	19	3	116
Otero	0	0	4	3	5	2	0	2	15	15	5	16	11	1	2	5	2	4	5	0	97
Luna	0	1	0	2	0	2	2	6	27	17	16	15	3	1	0	0	0	0	1	1	94
Rio Arriba	0	0	1	0	3	9	0	0	12	23	13	8	6	1	0	5	1	1	0	0	83
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	0	1	4	4	0	68
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	1	2	0	6	1	63
Socorro	0	2	3	0	1	0	0	9	17	17	5	4	2	0	1	0	0	1	0	0	62
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	0	0	1	1	1	55
Grant	0	0	0	0	1	0	0	2	4	18	9	6	1	0	0	0	2	3	3	0	49
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	2	0	0	0	1	47
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	1	1	0	3	6	0	29
San Miguel	0	0	0	0	0	0	0	0	2	4	3	3	5	0	0	0	0	1	2	2	22
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	1	0	0	2	7	1	21
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	3	0	1	1	1	19
Guadalupe	0	0	0	0	0	1	0	0	1	5	4	0	0	1	1	2	0	0	0	0	15
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	0	0	0	0	0	2	1	12
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	0	0	0	0	1	1	0	11
Mora	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	1	0	2	0	1	11
Los Alamos	0	0	0	0	0	0	0	0	0	1	2	2	1	0	1	0	0	2	0	0	9
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	0	7
De Baca	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	3
Harding	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
<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>863</b>	<b>1087</b>	<b>704</b>	<b>304</b>	<b>147</b>	<b>74</b>	<b>85</b>	<b>56</b>	<b>47</b>	<b>204</b>	<b>246</b>	<b>48</b>	<b>4942</b>

## Number of Deaths by Underlying Conditions Each Month



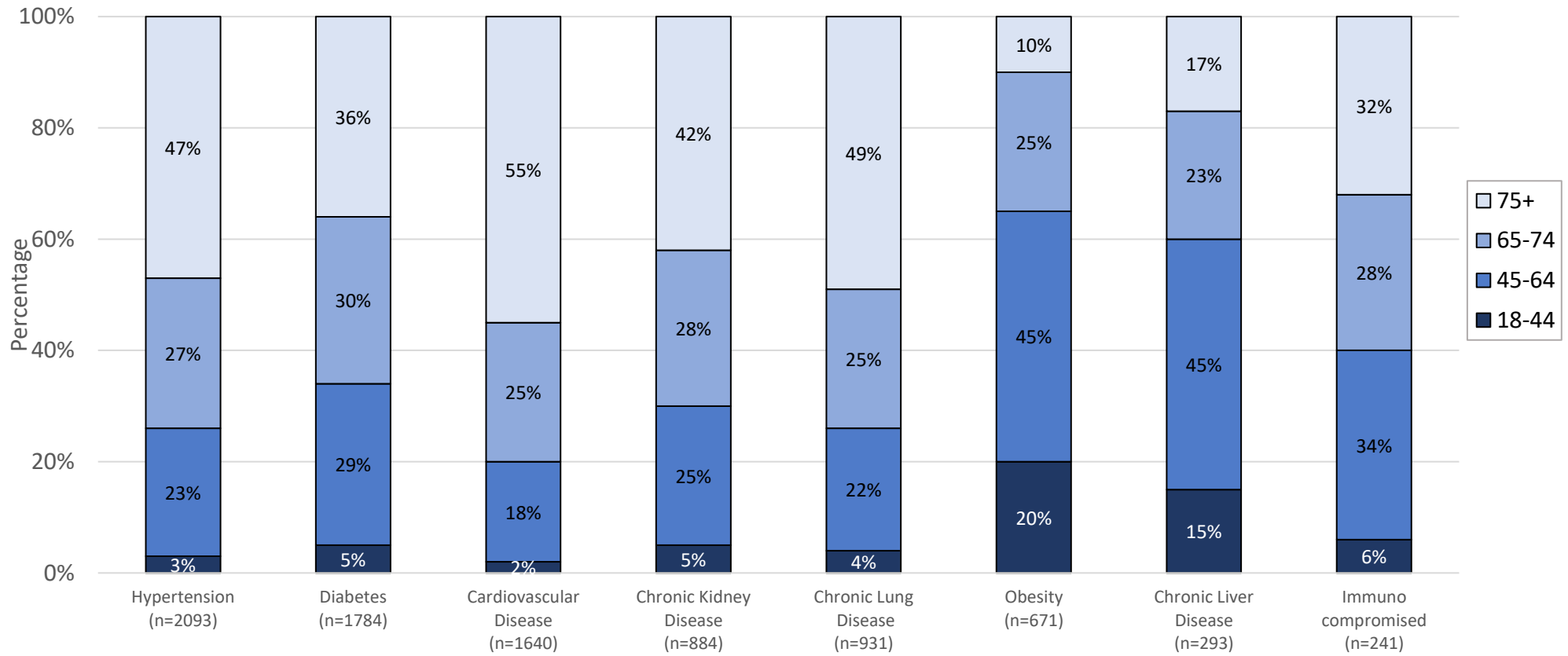
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Total
<b>Hypertension</b>	0	17	32	37	94	52	28	98	405	467	312	156	66	40	35	24	18	93	96	23	2093
<b>Diabetes</b>	2	38	74	54	78	44	23	76	334	388	263	118	49	32	29	20	17	64	67	14	1784
<b>Cardiovascular Disease</b>	1	57	93	46	68	34	24	75	308	315	238	106	62	26	22	18	15	64	61	7	1640
<b>Chronic Kidney Disease</b>	1	15	30	16	32	18	13	45	188	222	113	61	27	16	10	6	8	31	27	5	884
<b>Chronic Lung Disease</b>	2	33	56	15	44	23	14	39	177	200	110	57	23	19	16	12	9	34	44	4	931
<b>Obesity</b>	0	8	19	16	30	18	7	21	132	134	86	35	17	13	23	12	9	39	43	9	671
<b>Chronic Liver Disease</b>	0	5	8	13	11	11	9	22	51	55	32	25	12	8	6	2	2	9	12	0	293
<b>Immuno-compromised</b>	0	6	14	6	8	4	2	15	39	42	23	30	11	6	4	4	5	9	12	1	241

## 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	Total
<b>None</b>	3	63	74	29	25	28	8	29	200	299	192	59	32	12	22	17	11	54	75	16	1248
<b>One</b>	2	37	78	32	35	25	21	51	186	241	153	66	29	15	21	8	12	44	63	14	1133
<b>Two</b>	0	33	64	28	32	31	15	50	187	237	162	77	41	20	17	12	11	48	52	9	1126
<b>Three or more</b>	1	23	36	34	73	32	19	66	290	310	197	102	45	27	25	19	13	58	56	9	1435
<b>Total</b>	6	156	252	123	165	116	63	196	863	1087	704	304	147	74	85	56	47	204	246	48	4942

## Percentage of Deaths by Underlying Condition and Age Group

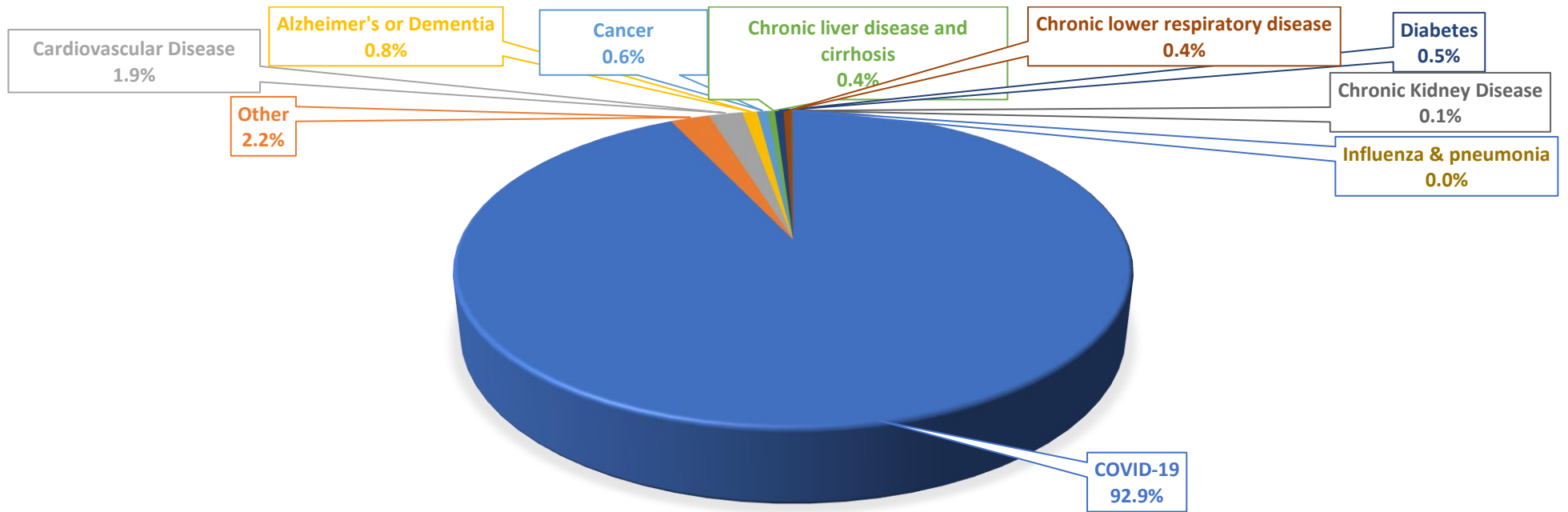


## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
<b>Yes</b>	<b>Yes</b>	4663	94.4%
<b>Yes</b>	<b>Pending</b>	15	0.3%
<b>No</b>	<b>Yes</b>	264	5.3%
<b>Total</b>		4942	100.0%

\* Positive RT-PCR or Rapid Test

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

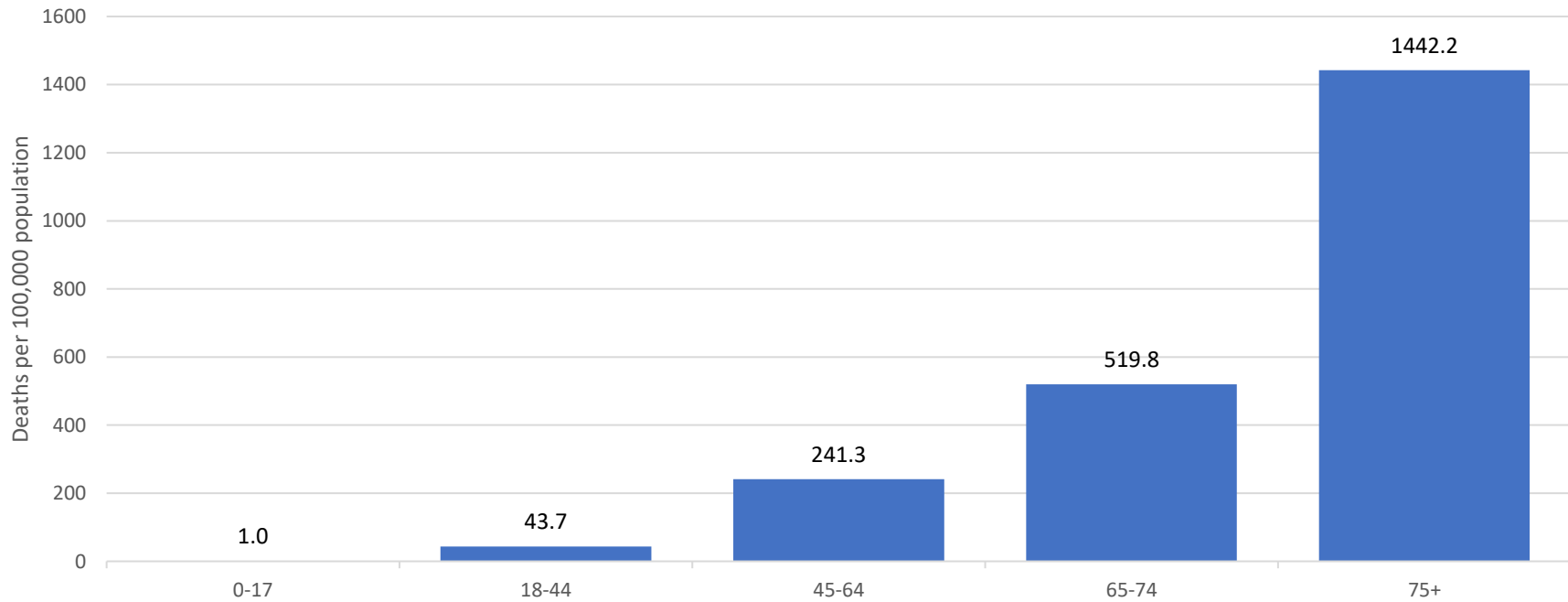


Underlying Cause	Number of Deaths*	Percent
COVID-19	4428	92.9%
Other	106	2.2%
Cardiovascular Disease	92	1.9%
Alzheimer's or Dementia	40	0.8%
Cancer	28	0.6%
Chronic liver disease and cirrhosis	20	0.4%
Diabetes	24	0.5%
Chronic lower respiratory disease	19	0.4%
Chronic Kidney Disease	6	0.1%
Influenza & pneumonia	1	0.0%
<b>Total</b>	<b>4764</b>	<b>100.0%</b>
*Excludes 178 (4%) deaths which have not yet been coded by the National Center for Health Statistics.		

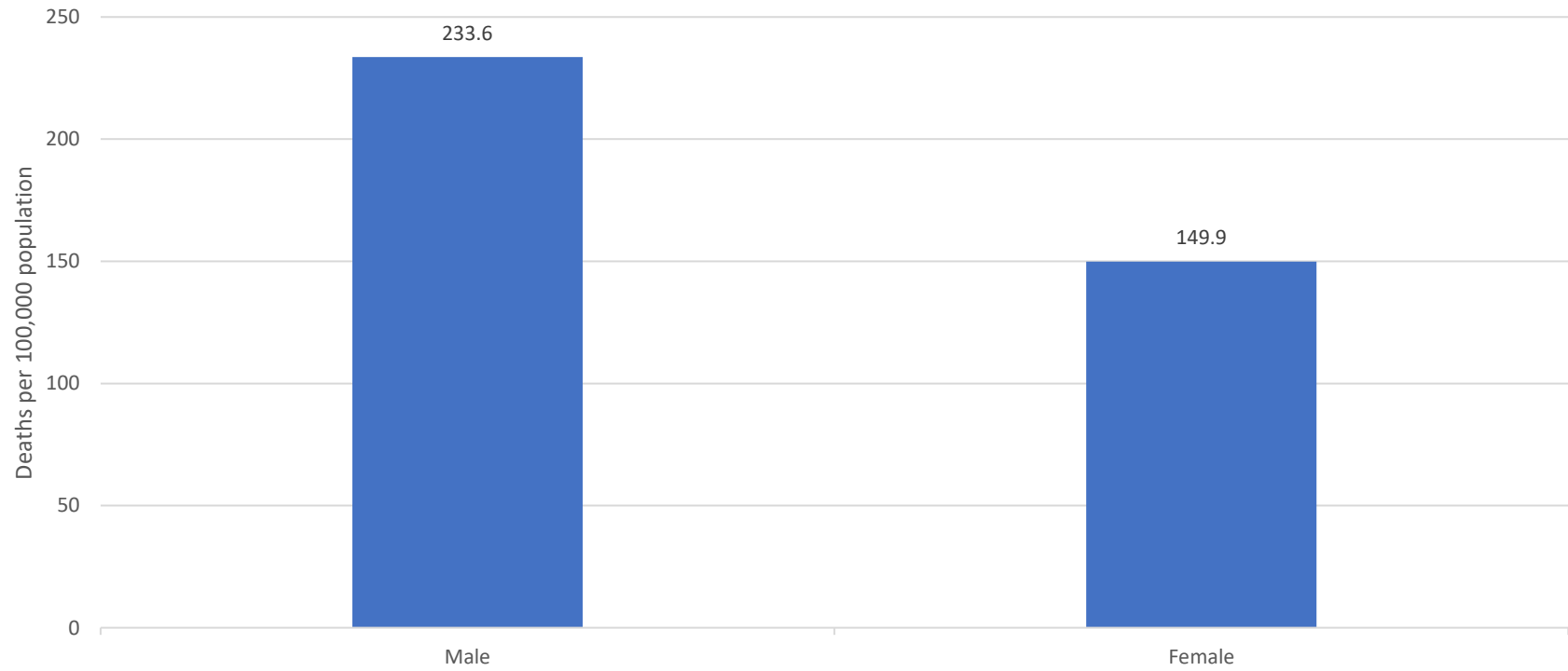
## SECTION 2: MORTALITY RATES

### 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.**

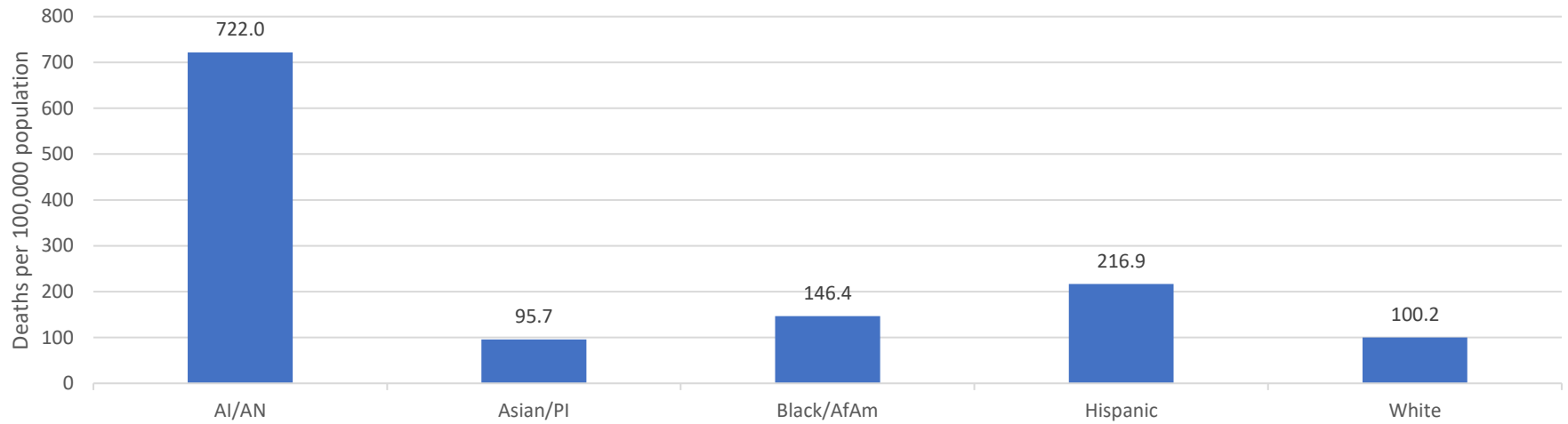


## Age-adjusted Mortality Rate per 100,000 Population by Gender

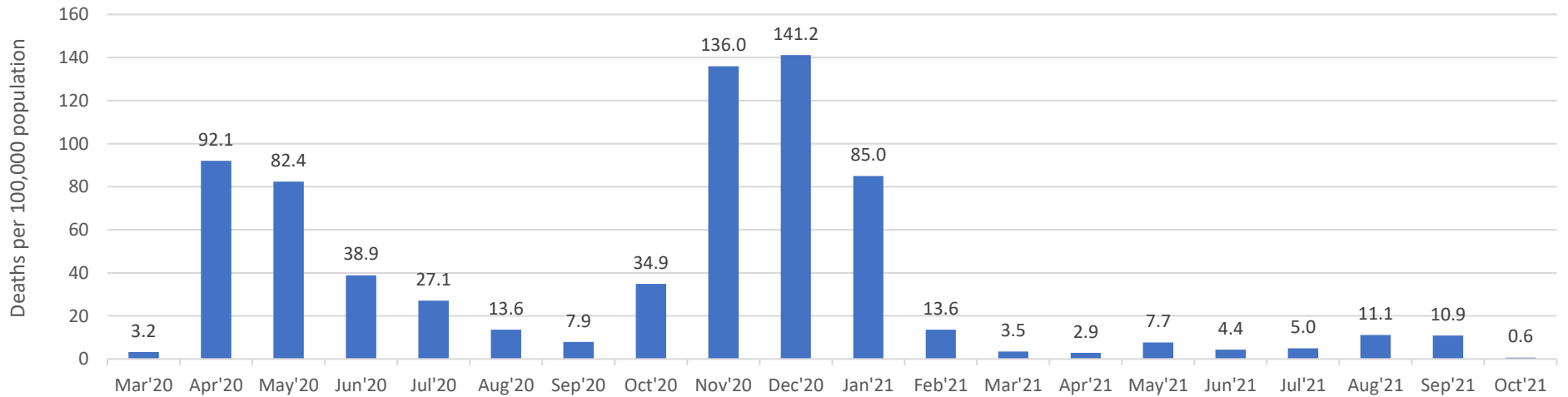




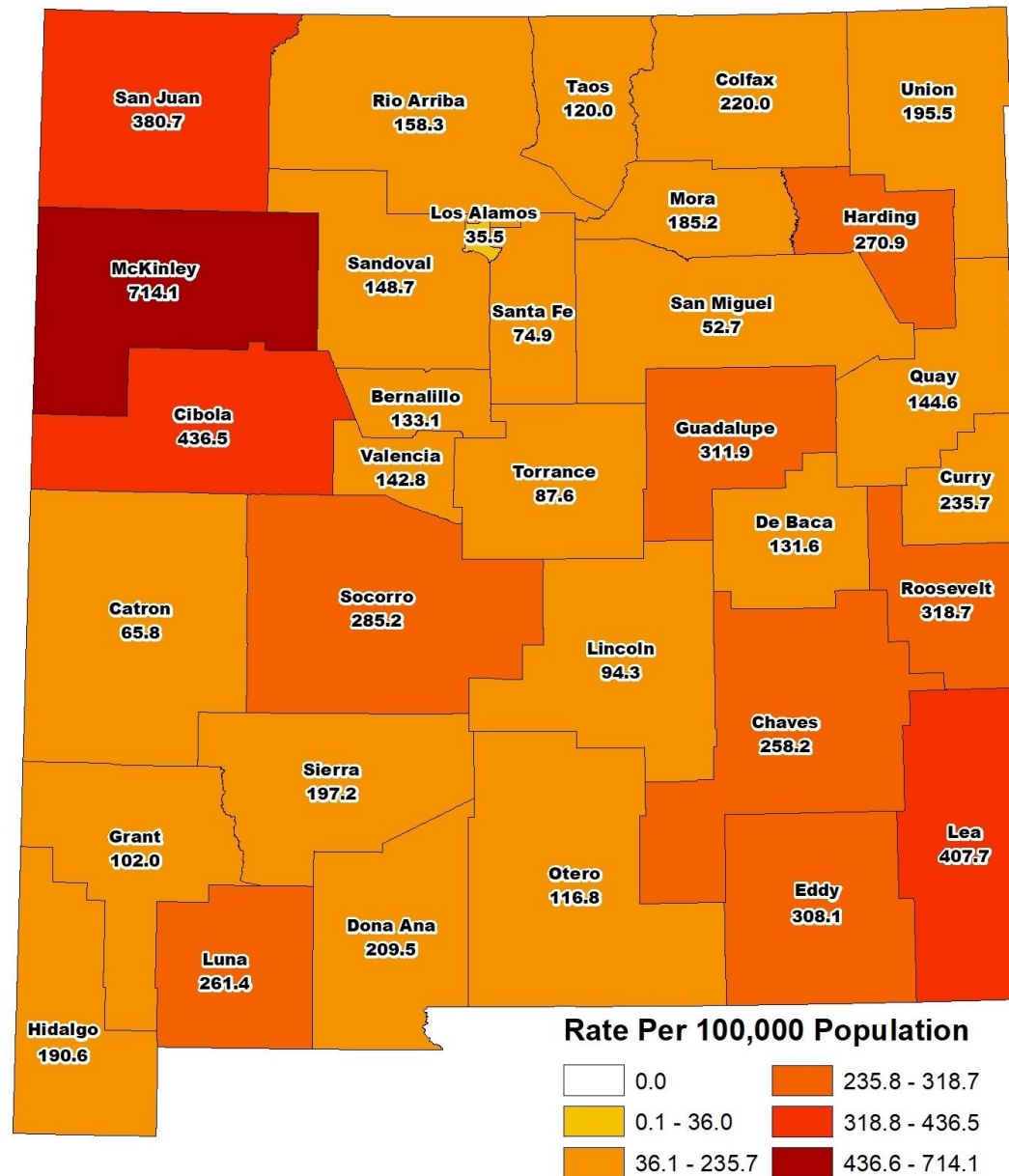
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



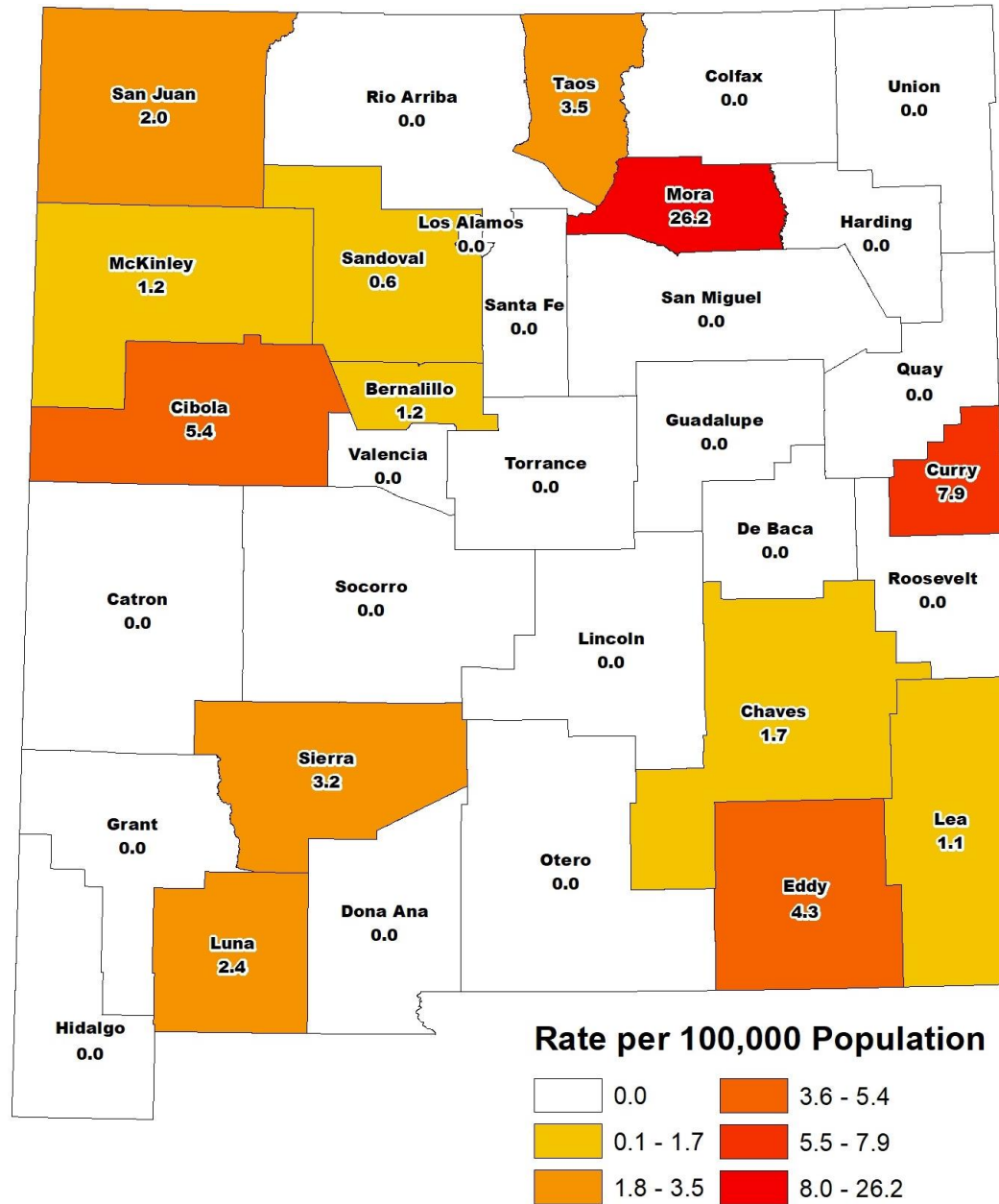
### Age-adjusted Mortality rate among AI/AN by Month of 1<sup>st</sup> Positive Test



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

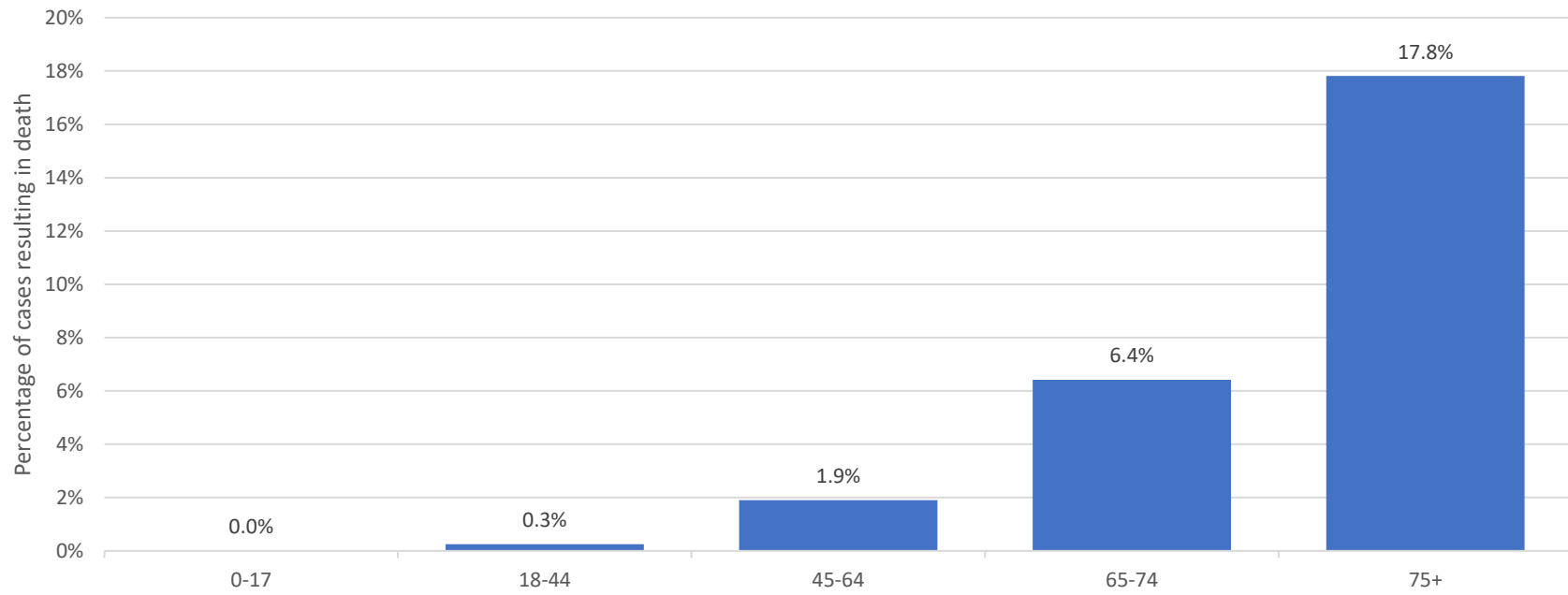


Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

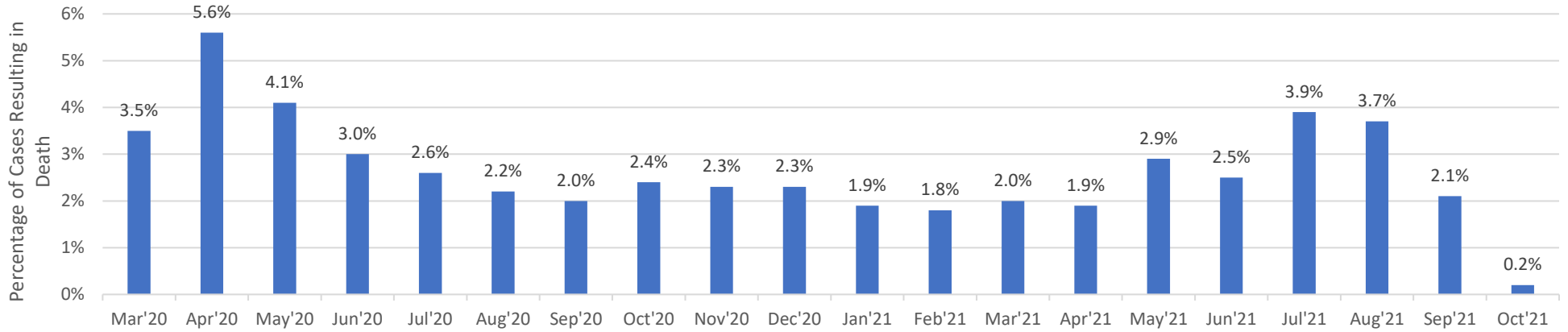


## SECTION 3: CASE FATALITY RATES

### Case Fatality Rate by Age Group



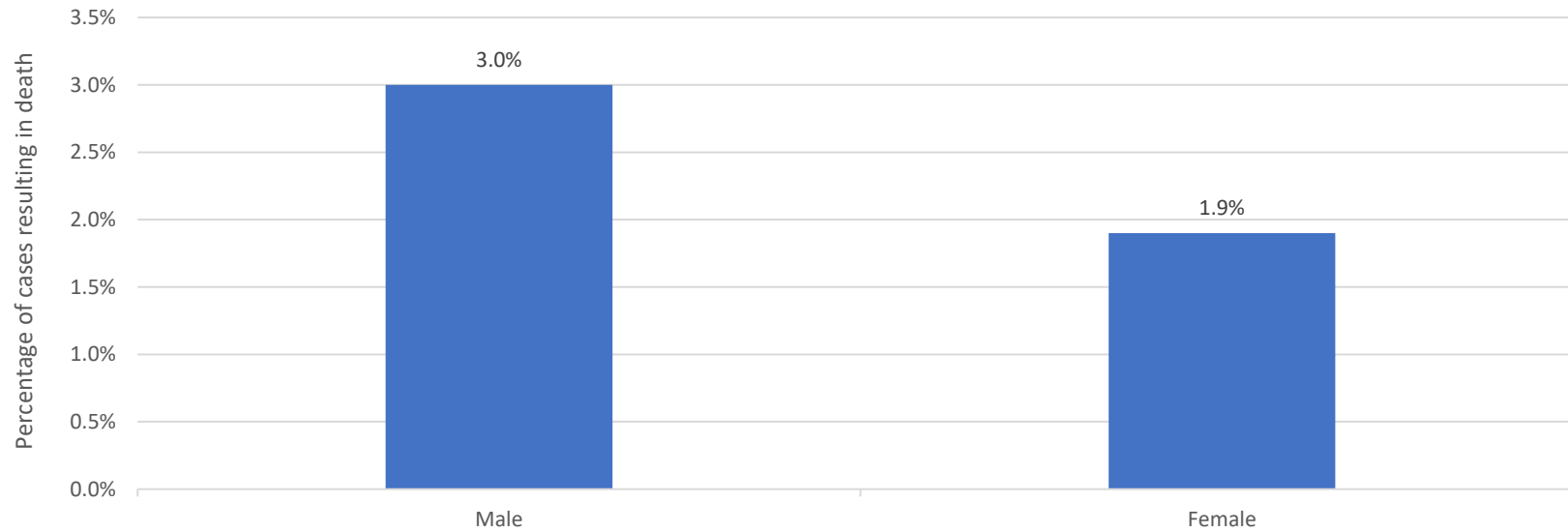
## Age-adjusted\* Case Fatality Rate by Month of 1<sup>st</sup> Positive Test



\*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>

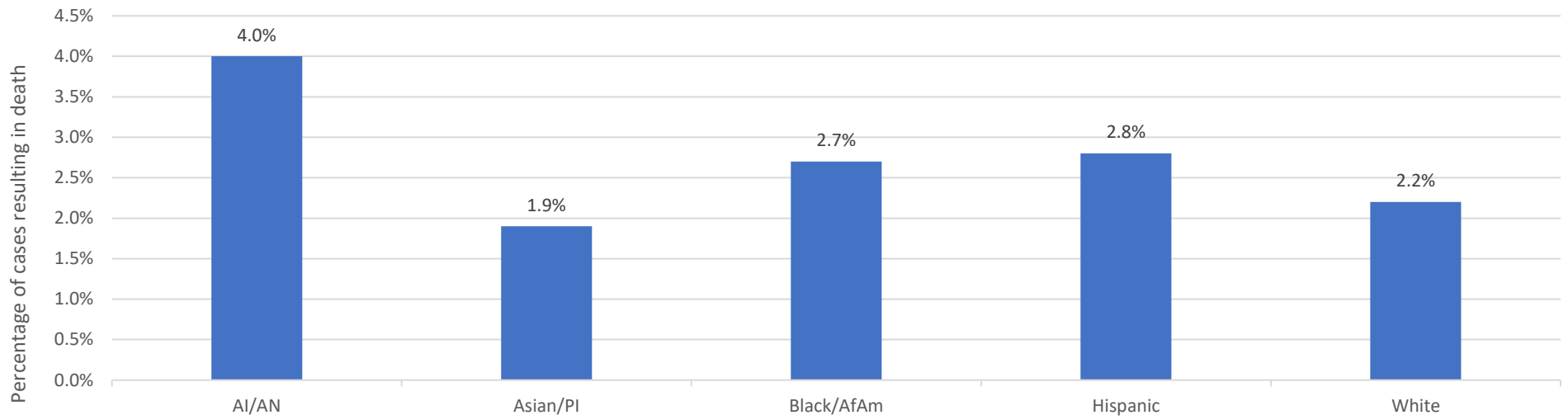
## Age-adjusted\* Case Fatality Rate by Gender



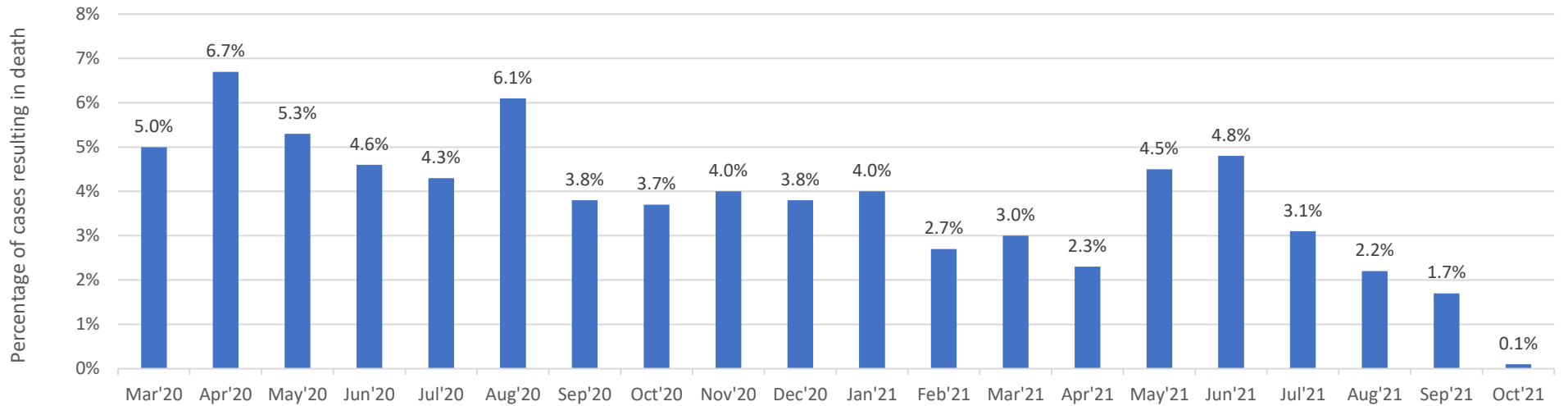
\*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

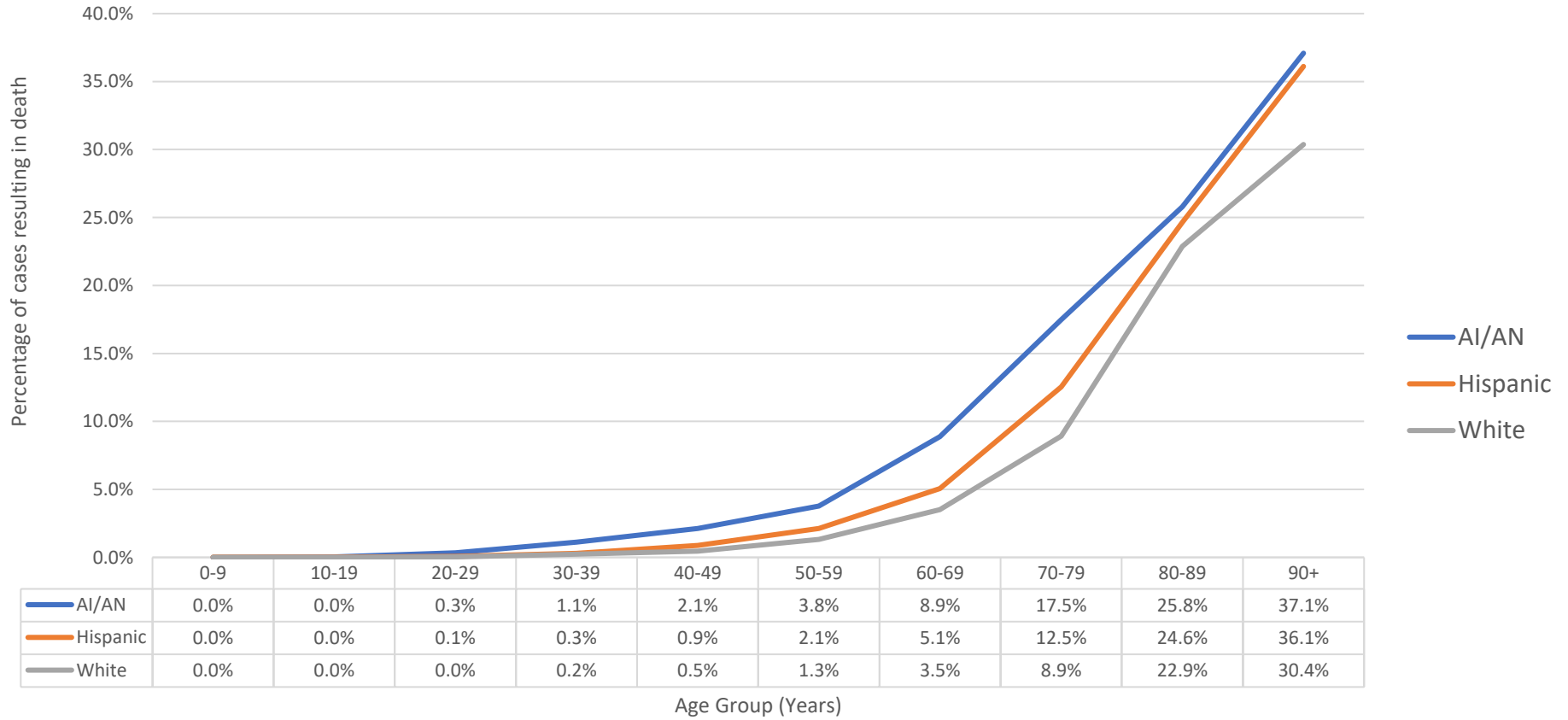
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



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

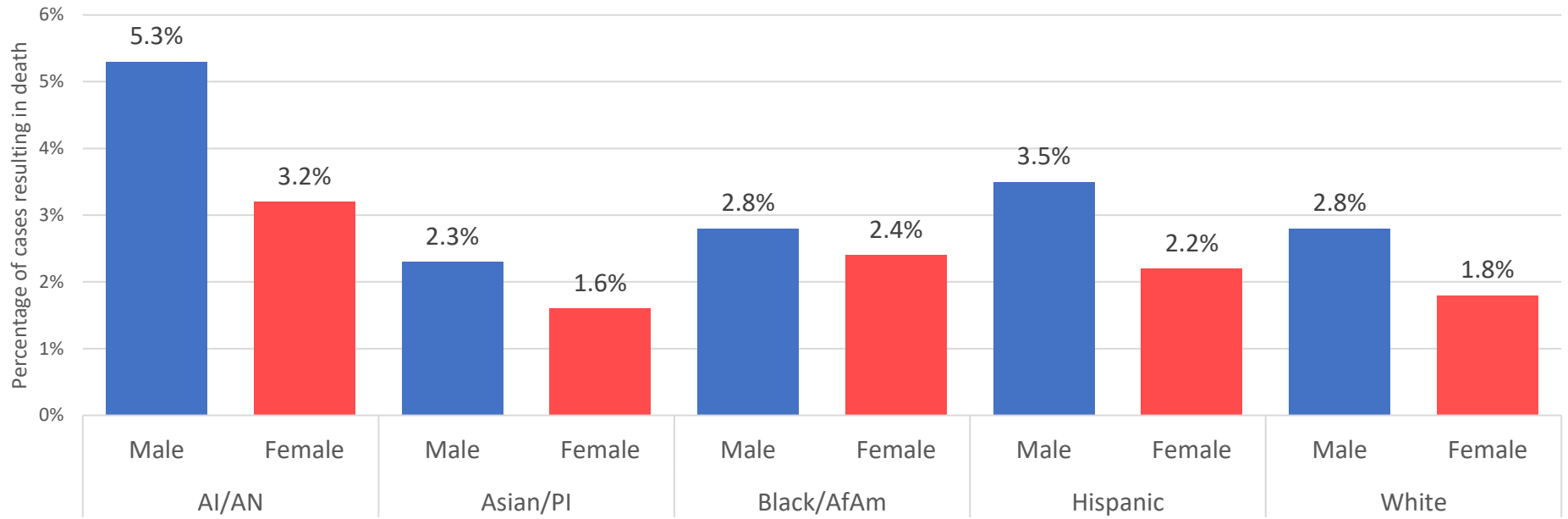


### Case Fatality Rate by Race/Ethnicity and Age Group

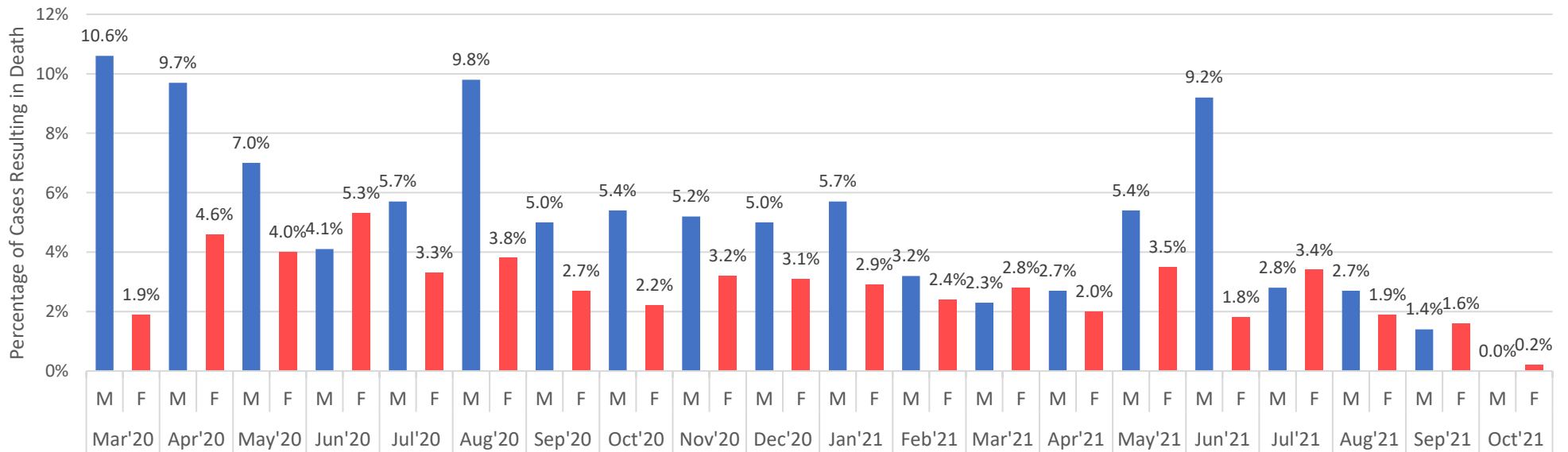




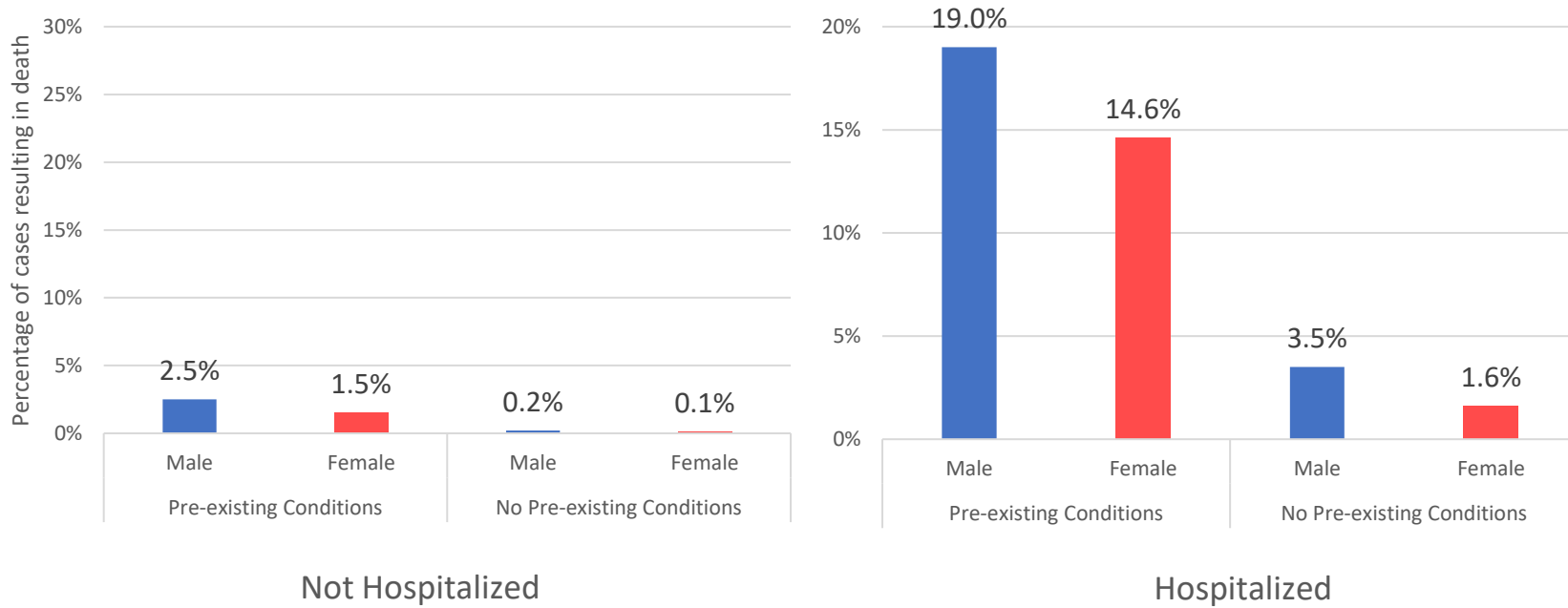
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity and Gender



### 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.

- **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.