

NEW MEXICO COVID-19 MORTALITY UPDATE

March 15, 2021

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

Total Deaths

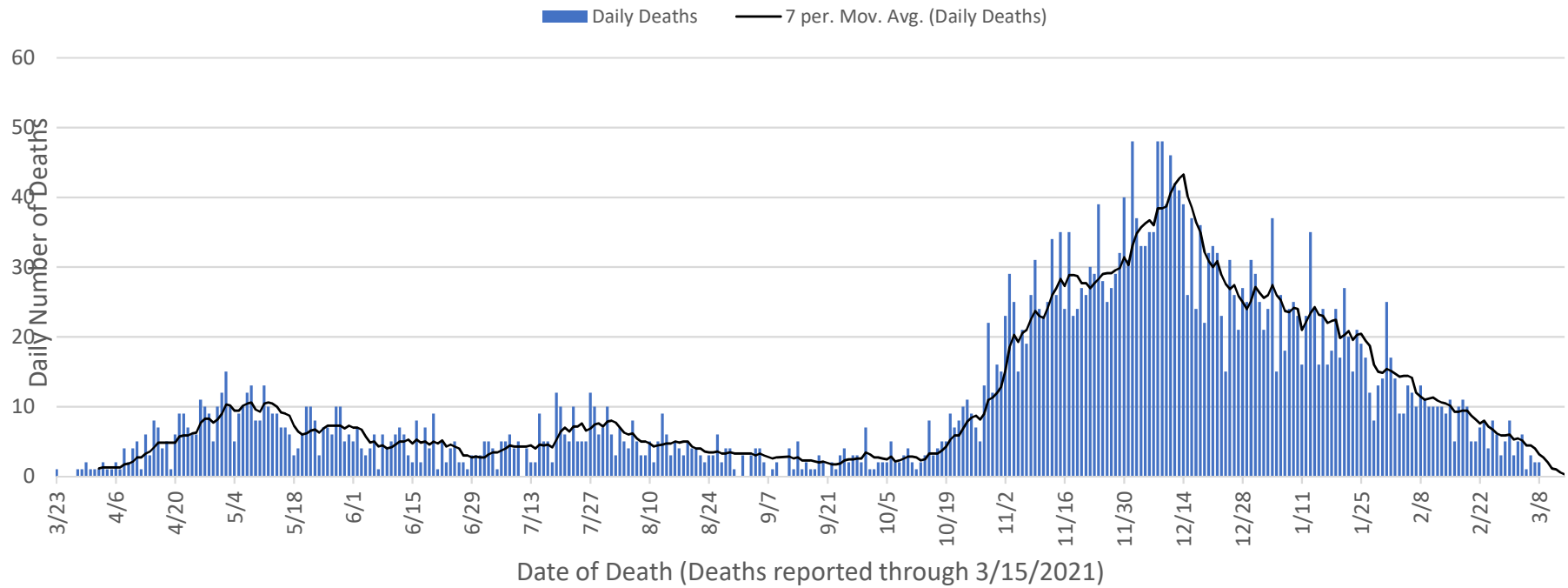
3,853

Deaths in the Last 14 Days

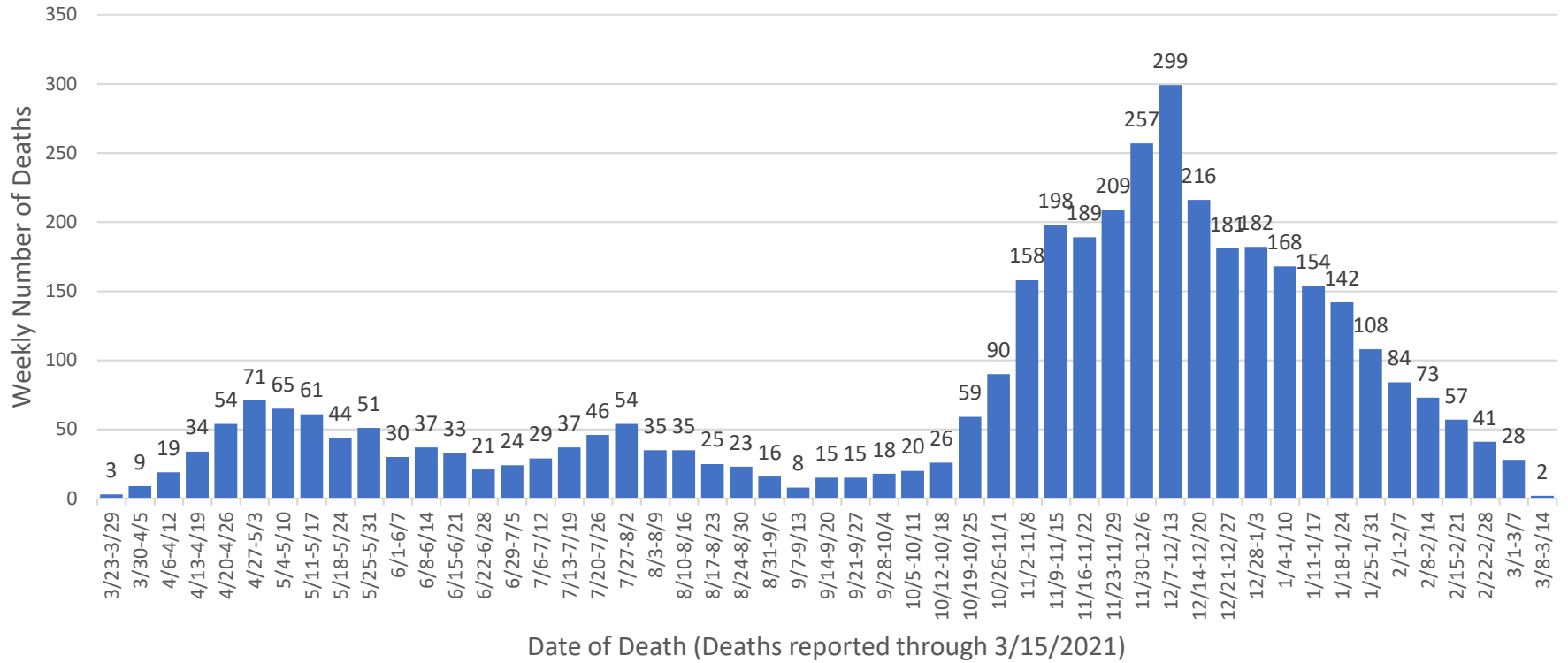
30

SECTION 1: DEATH COUNTS

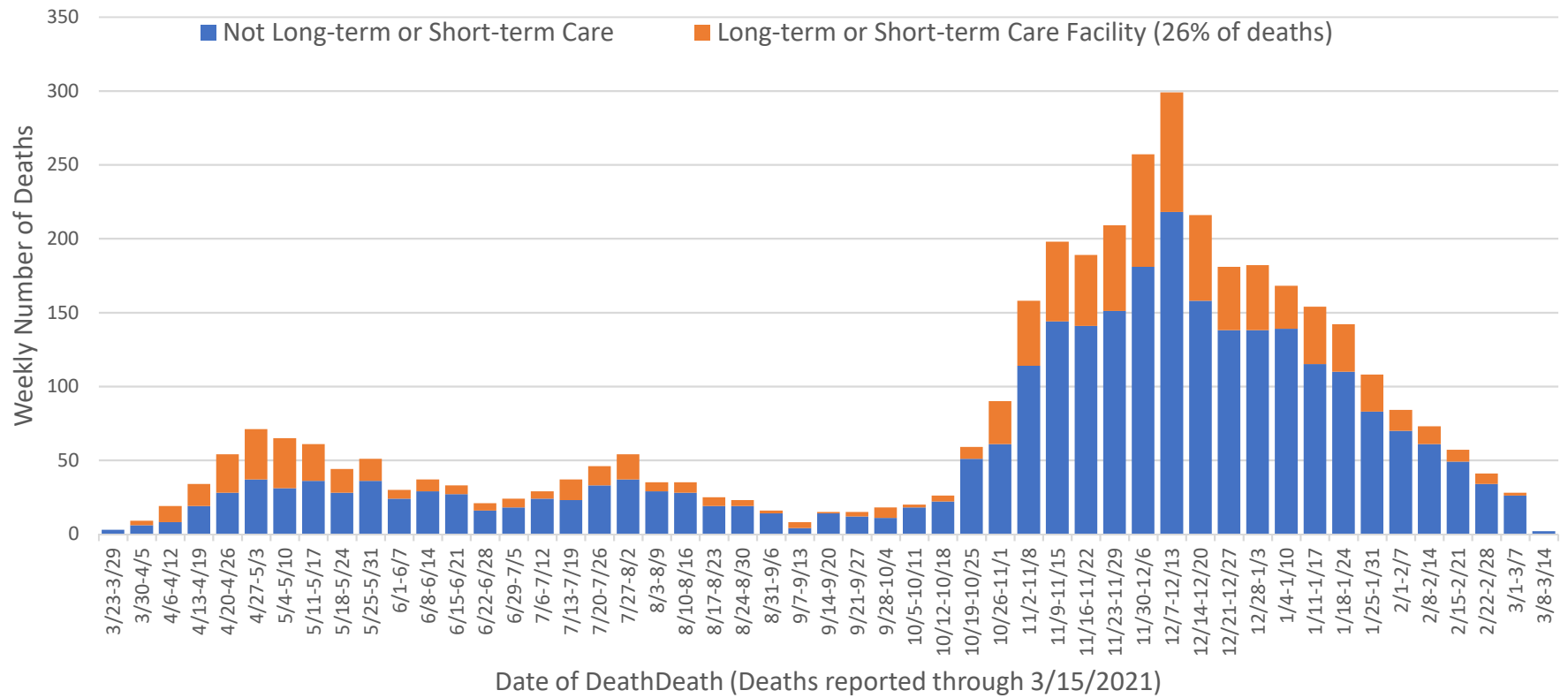
Daily Number of Deaths and 7-day Moving Average



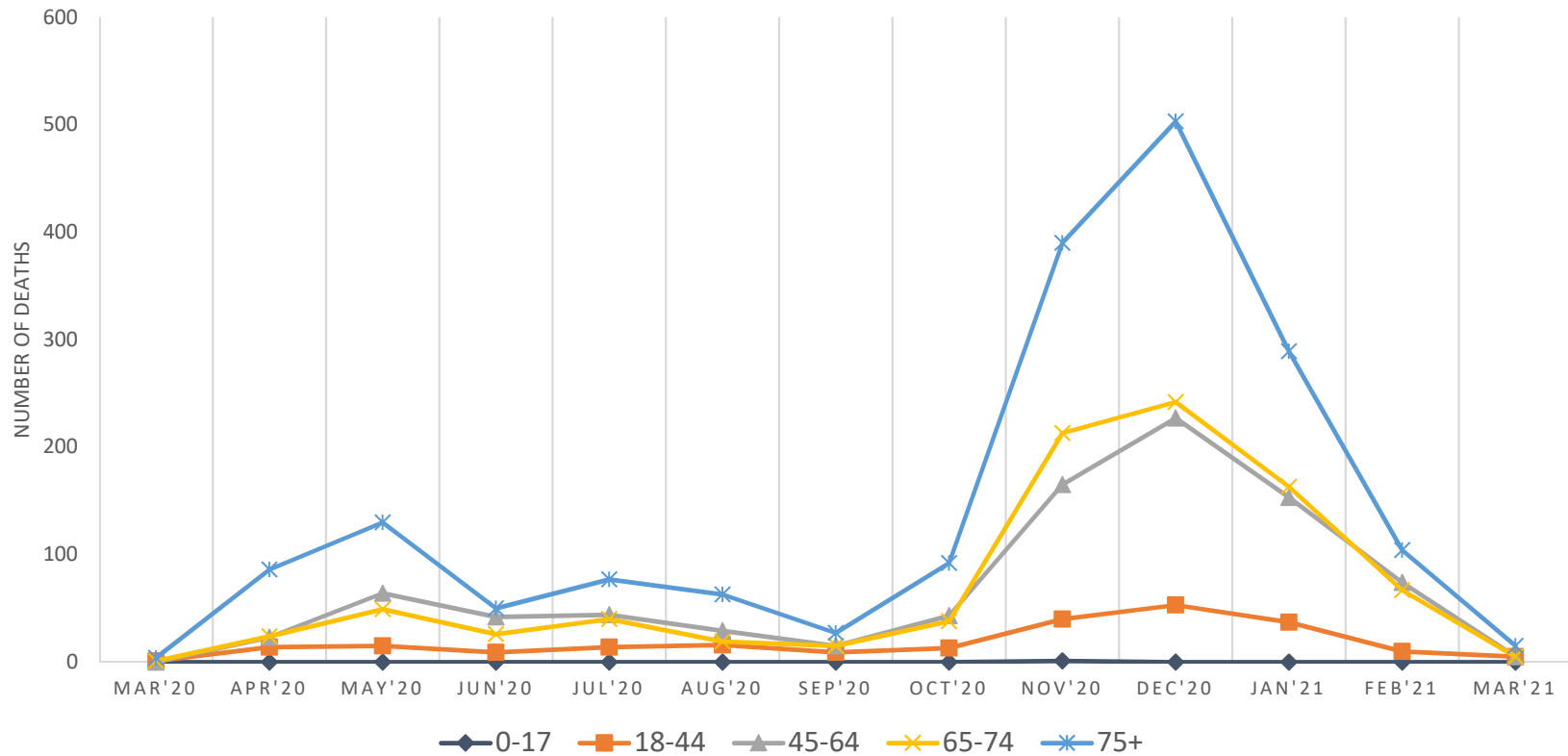
Number of Deaths Each Week



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

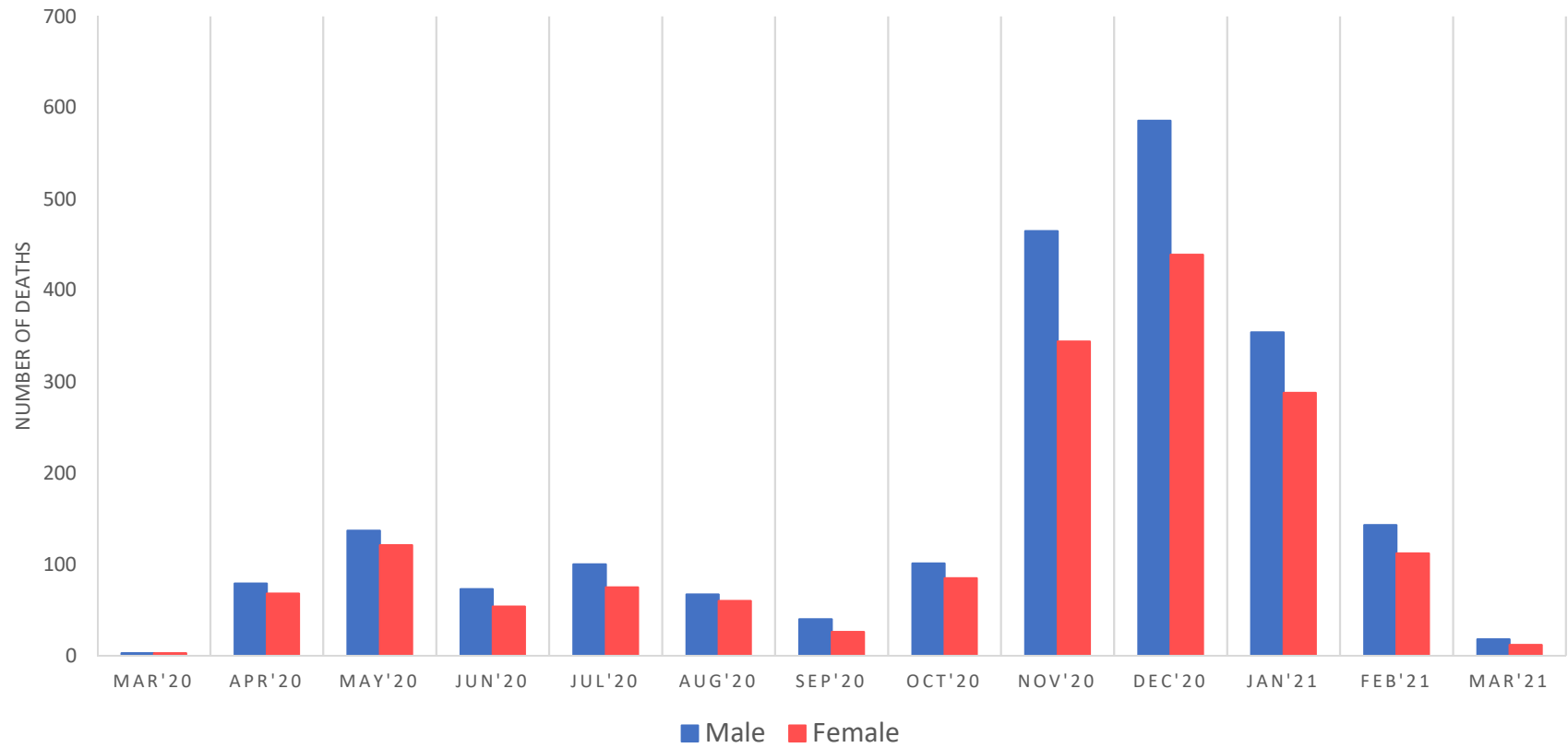


Number of Deaths by Age Group Each Month



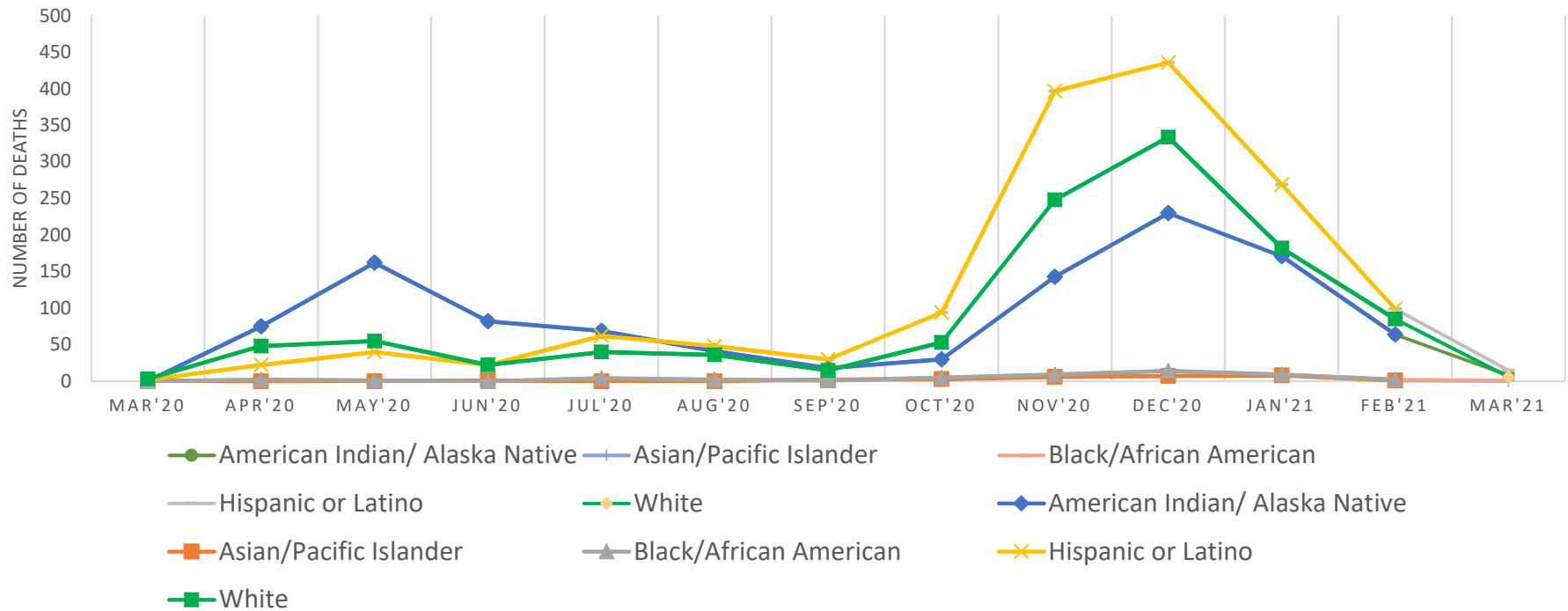
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Total
0-17	0	0	0	0	0	0	0	0	1	0	0	0	0	1
18-44	1	14	15	9	14	16	9	13	40	53	37	10	5	236
45-64	0	23	64	42	44	29	15	43	165	227	153	74	5	884
65-74	1	24	49	26	40	19	15	38	213	242	163	67	5	902
75+	4	86	130	50	77	63	27	92	390	503	289	104	15	1830
Total	6	147	258	127	175	127	66	186	809	1025	642	255	30	3853

Number of Deaths by Gender Each Month

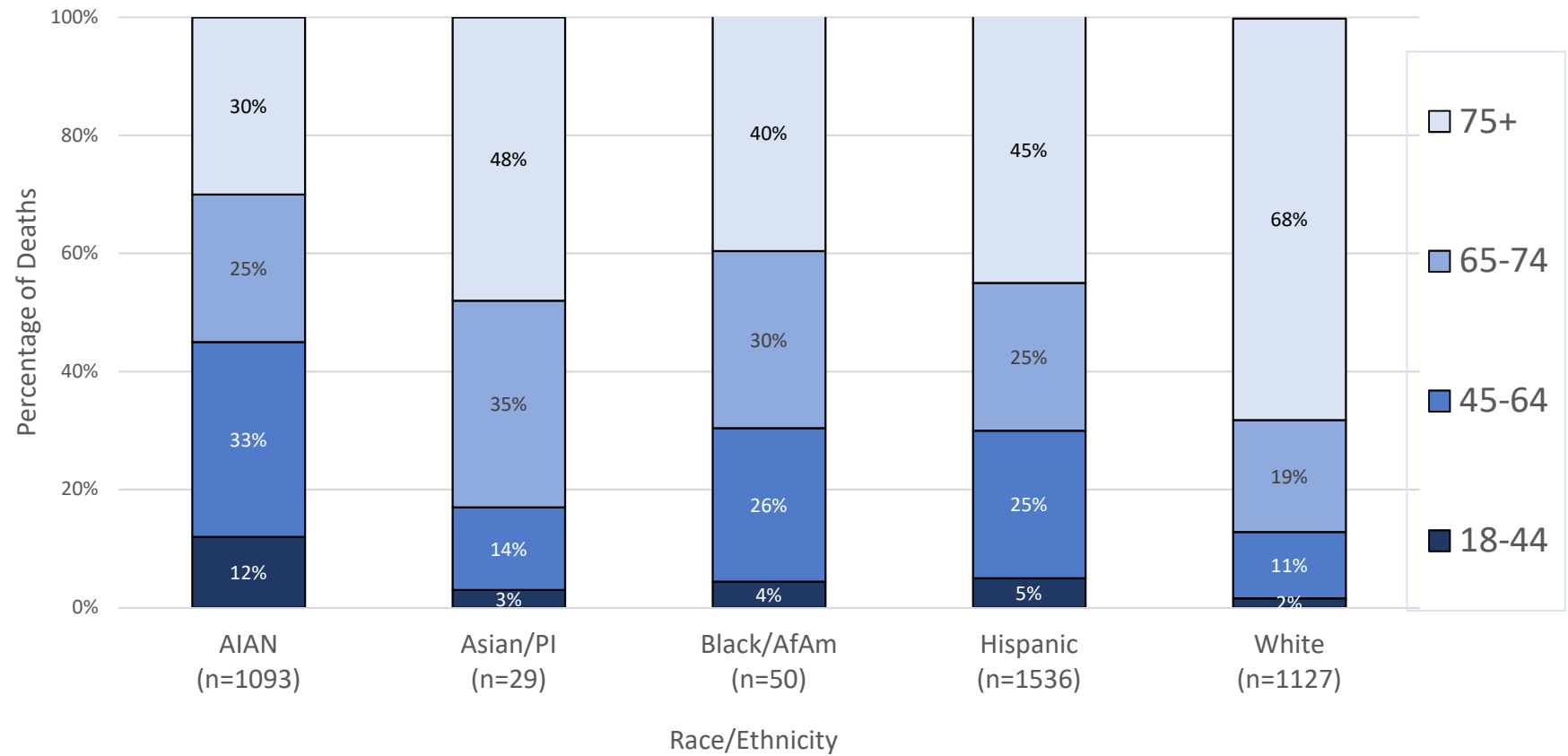


Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Total
Male	3	79	137	73	100	67	40	101	465	586	354	143	18	2166
Female	3	68	121	54	75	60	26	85	344	439	288	112	12	1687
Total	6	147	258	127	175	127	66	186	809	1025	642	255	30	3853

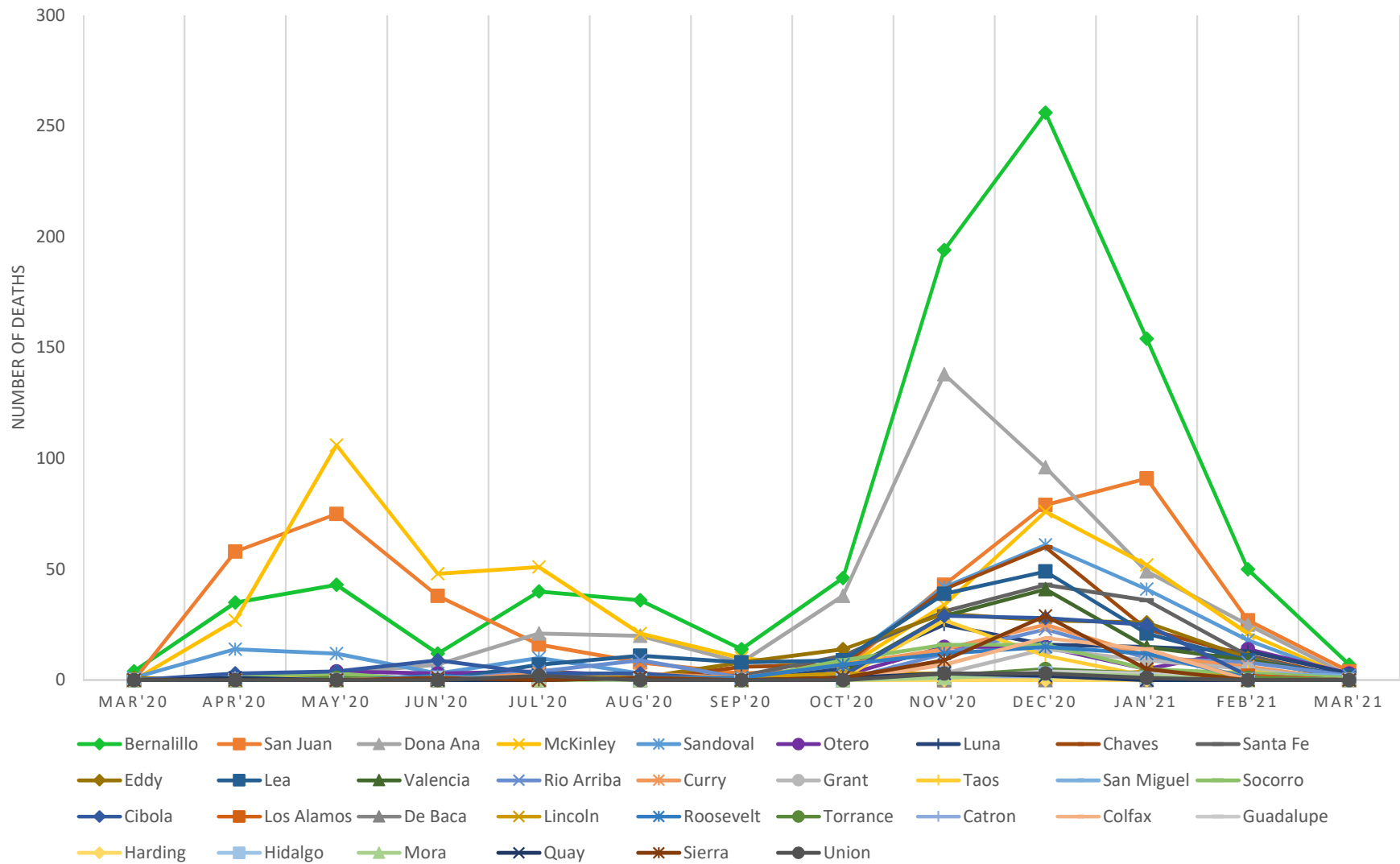
Number of Deaths by Race/Ethnicity Each Month



Percentage of Deaths by Race/Ethnicity and Age Group



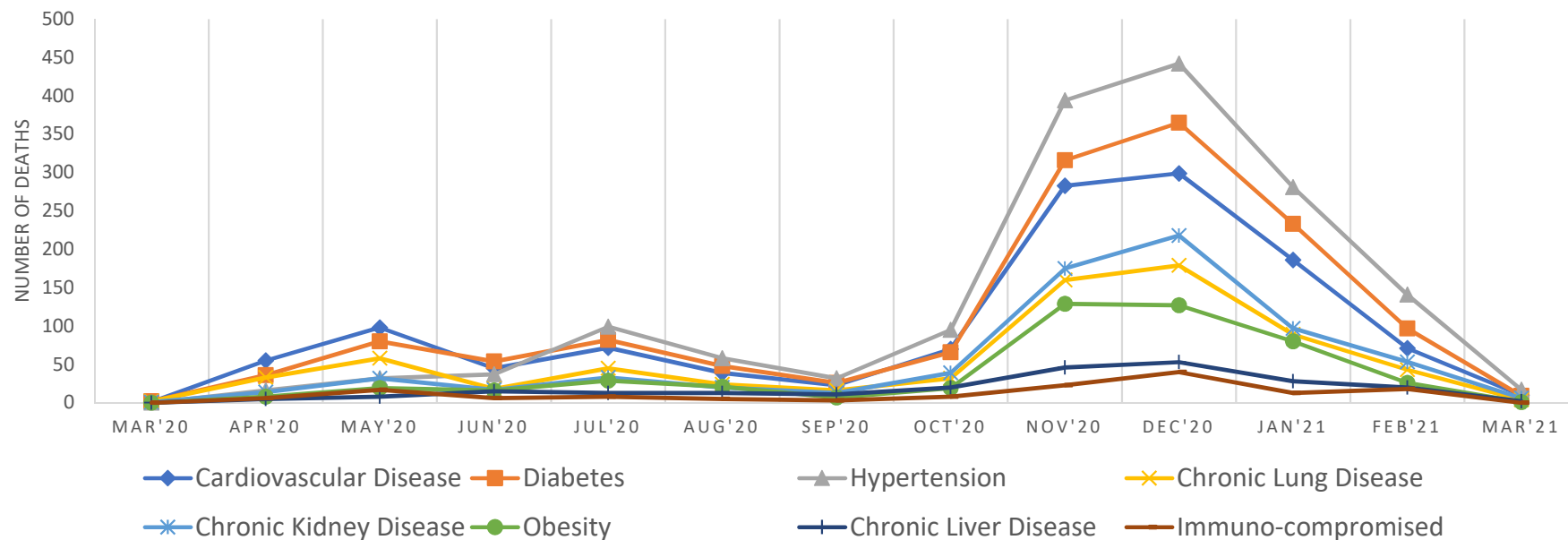
Number of deaths by New Mexico County of residence each month



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

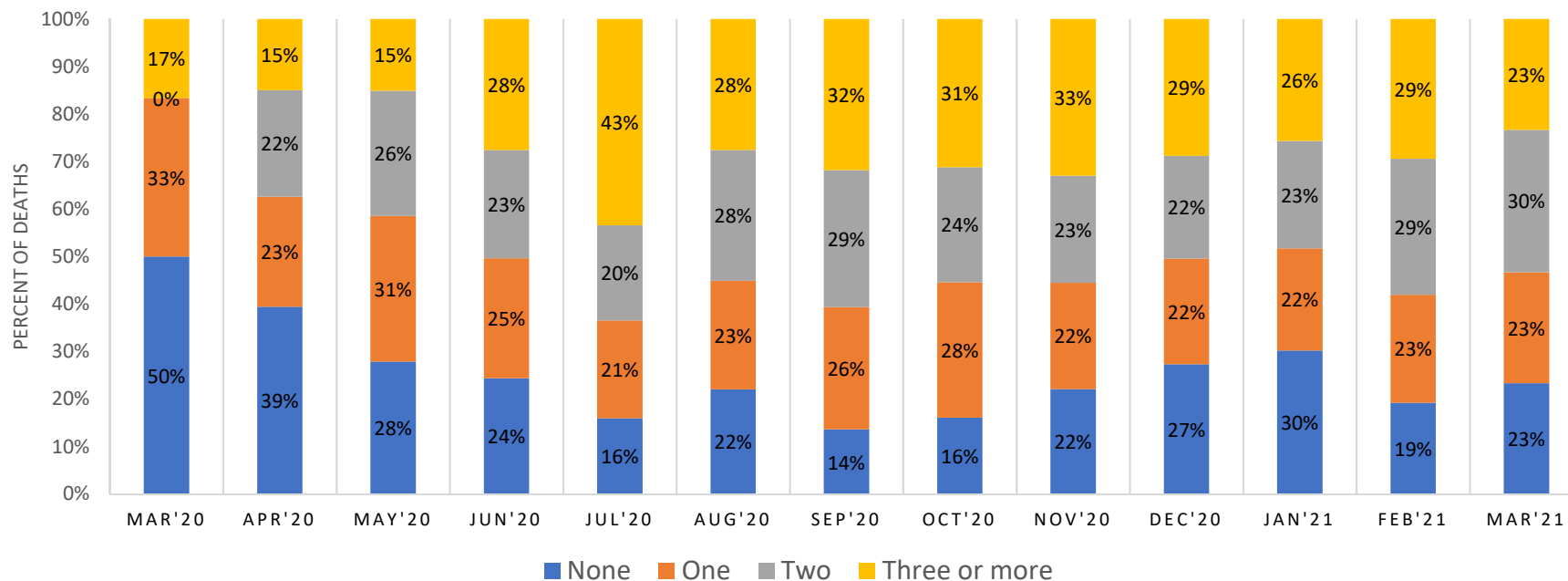
County of Residence	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Total
Bernalillo	4	35	43	12	40	36	14	46	194	256	154	50	7	891
San Juan	0	58	75	38	16	8	3	5	43	79	91	27	4	447
Dona Ana	0	1	3	7	21	20	8	38	138	96	49	25	2	408
McKinley	0	27	106	48	51	21	10	5	34	76	52	21	1	452
Sandoval	1	14	12	3	10	3	0	8	42	61	41	18	1	214
Otero	0	0	4	3	4	2	0	2	15	15	5	14	3	67
Luna	0	1	0	2	0	2	2	5	25	16	15	13	3	84
Chaves	0	1	2	0	3	0	6	7	41	60	23	11	1	155
Santa Fe	0	2	2	0	0	1	2	11	31	43	36	11	0	139
Eddy	1	0	0	0	4	1	8	14	30	27	26	10	0	121
Lea	0	0	0	0	7	11	8	9	39	49	21	9	2	155
Valencia	0	0	1	0	2	0	1	3	29	41	15	9	1	102
Rio Arriba	0	0	1	0	4	9	1	0	12	23	10	8	2	70
Curry	0	0	0	0	3	3	1	7	14	25	11	6	0	70
Grant	0	0	0	0	2	0	0	2	3	14	9	5	0	35
Taos	0	1	1	0	0	2	0	1	27	11	2	4	0	49
San Miguel	0	0	0	0	0	0	0	0	2	3	3	3	2	13
Socorro	0	2	3	0	1	0	0	9	16	16	5	3	1	56
Cibola	0	3	4	9	3	3	0	2	29	28	25	2	0	108
Los Alamos	0	0	0	0	0	0	0	0	0	1	2	2	0	5
De Baca	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Lincoln	0	0	0	0	1	1	1	3	3	1	4	1	0	15
Roosevelt	0	0	0	2	0	1	1	7	12	15	12	1	0	51
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	12
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	5
Colfax	0	0	0	1	0	0	0	0	7	19	14	0	0	41
Guadalupe	0	0	0	0	0	1	0	0	1	4	3	0	0	9
Harding	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	9
Mora	0	0	0	0	0	0	0	0	1	3	2	0	0	6
Quay	0	1	0	0	0	1	0	1	3	2	0	0	0	8
Sierra	0	0	0	1	0	1	0	1	9	29	5	0	0	46
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	9
Total	6	147	258	127	175	127	66	186	809	1025	642	255	30	3853

Number of Deaths by Underlying Conditions Each Month



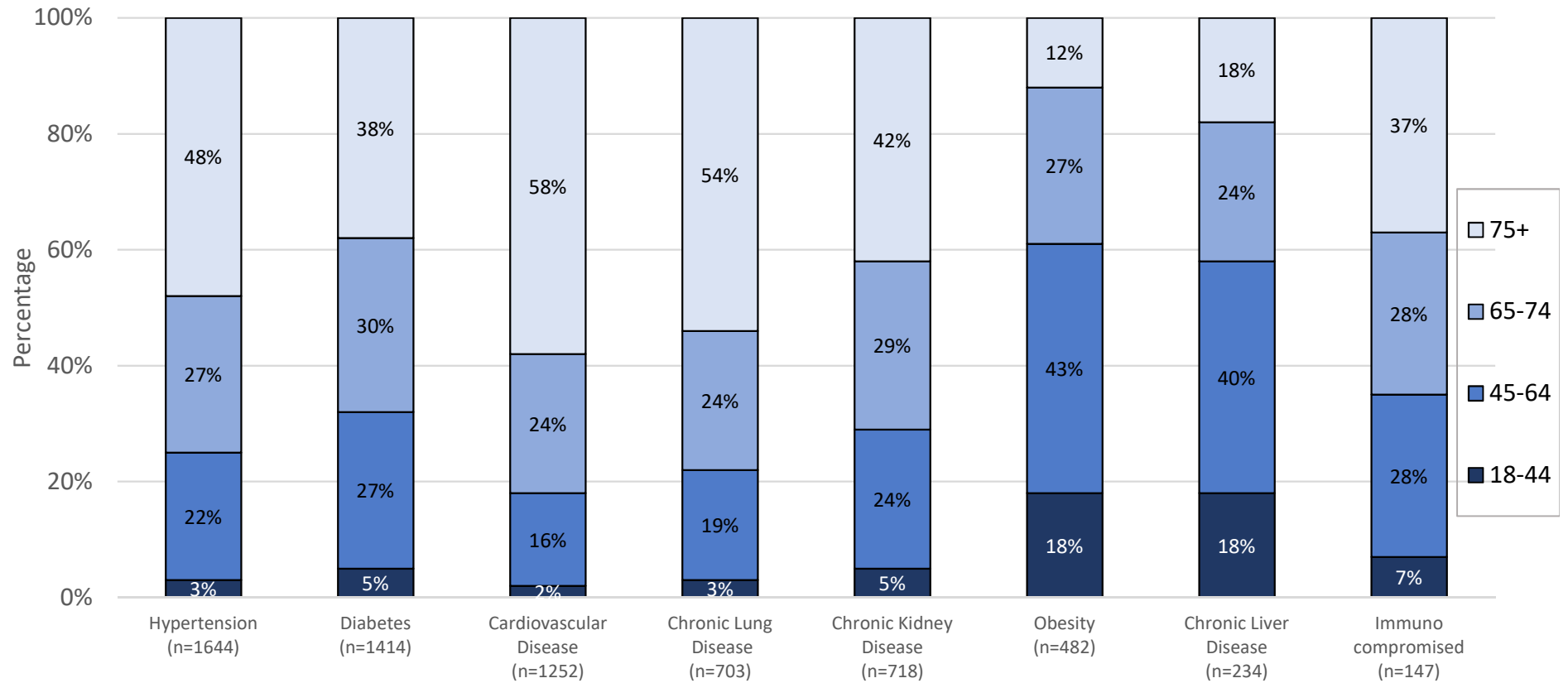
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Total
Hypertension	0	16	32	37	99	58	32	95	394	442	281	141	17	1644
Diabetes	2	36	80	54	82	48	26	66	316	365	233	97	9	1414
Cardiovascular Disease	1	55	98	45	72	39	23	70	283	299	186	71	10	1252
Chronic Lung Disease	2	33	58	18	45	24	16	32	160	179	89	43	4	703
Chronic Kidney Disease	1	14	32	17	33	20	13	39	175	218	97	53	6	718
Obesity	0	8	19	16	29	21	7	19	129	127	80	26	1	482
Chronic Liver Disease	0	5	8	15	13	13	11	20	46	53	28	20	2	234
Immuno-compromised	0	6	17	6	8	5	3	8	23	40	13	18	0	147

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	Total
None	3	58	72	31	28	28	9	30	179	280	194	49	7	968
One	2	34	79	32	36	29	17	53	181	228	138	58	7	894
Two	0	33	68	29	35	35	19	45	182	222	145	73	9	895
Three or more	1	22	39	35	76	35	21	58	267	295	165	75	7	1096
Total	6	147	258	127	175	127	66	186	809	1025	642	255	30	3853

Percentage of Deaths by Underlying Condition and Age Group

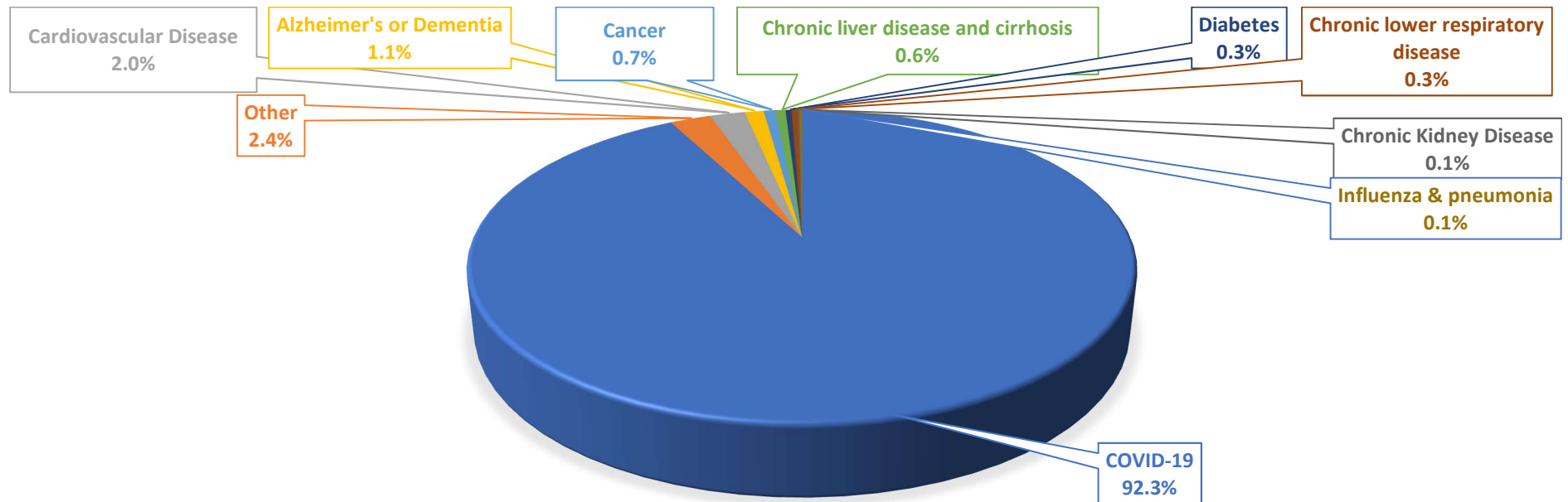


Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result*	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	3525	91.5%
Yes	No	89	2.3%
Yes	Pending	174	4.5%
No	Yes	65	1.7%
Total		3853	100.0%

* Positive RT-PCR or Rapid Test

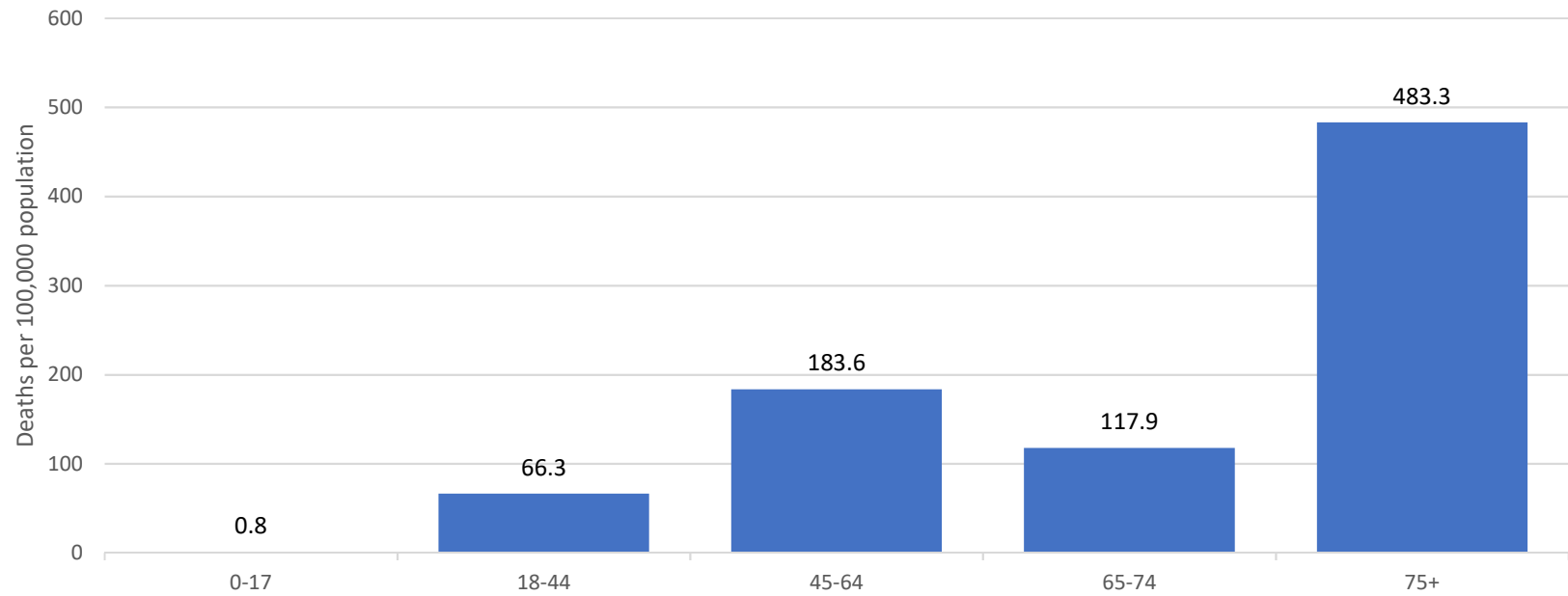
Number and percent of deaths by underlying cause of death on the death certificate



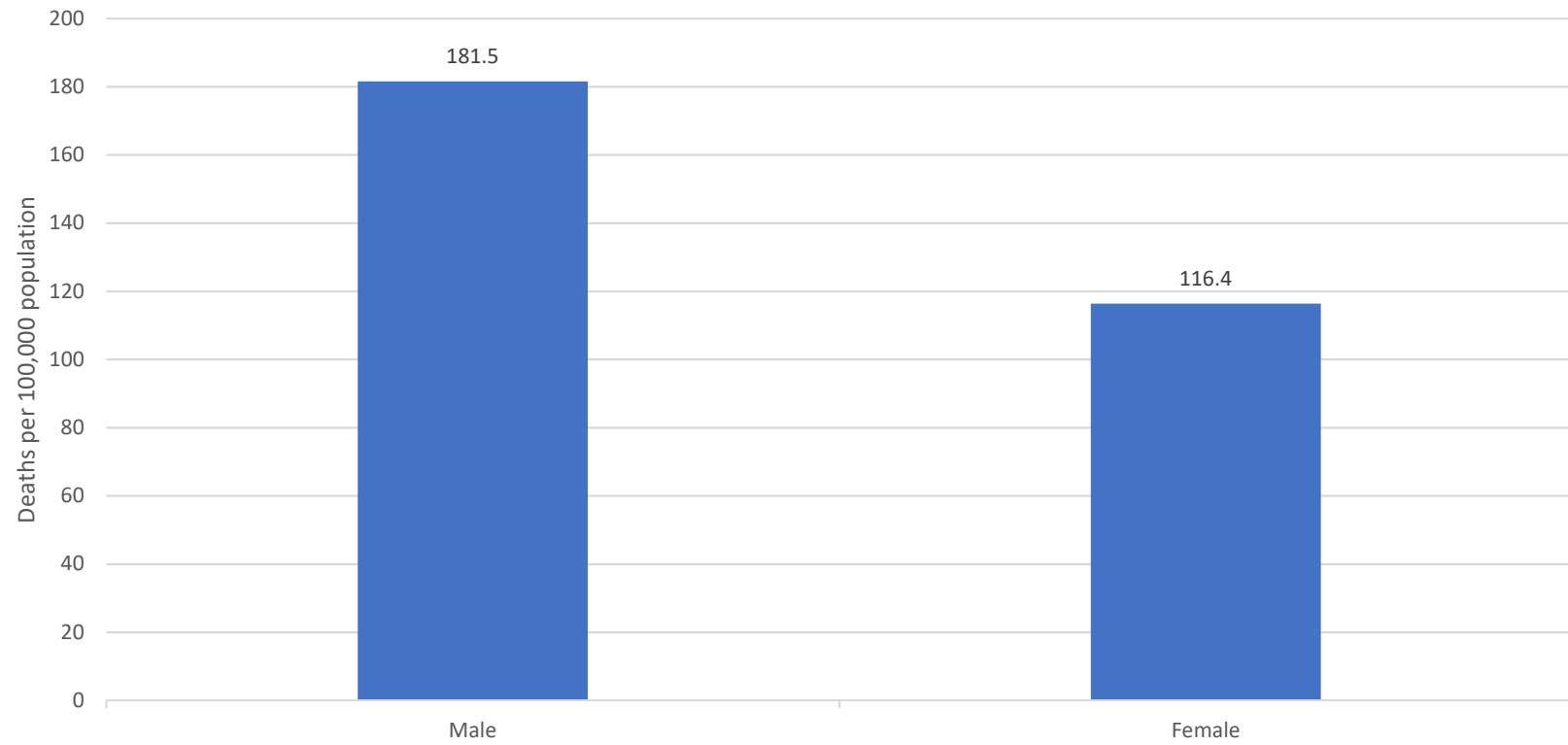
Underlying Cause	Number of Deaths*	Percent
COVID-19	3207	92.3%
Other	82	2.4%
Cardiovascular Disease	71	2.0%
Alzheimer's or Dementia	38	1.1%
Cancer	24	0.7%
Chronic liver disease and cirrhosis	20	0.6%
Diabetes	12	0.3%
Chronic lower respiratory disease	12	0.3%
Chronic Kidney Disease	4	0.1%
Influenza & pneumonia	5	0.1%
Total	3475	100.0%
*Excludes 378 (10%) deaths which have not yet been coded by the National Center for Health Statistics.		

SECTION 2: MORTALITY RATES

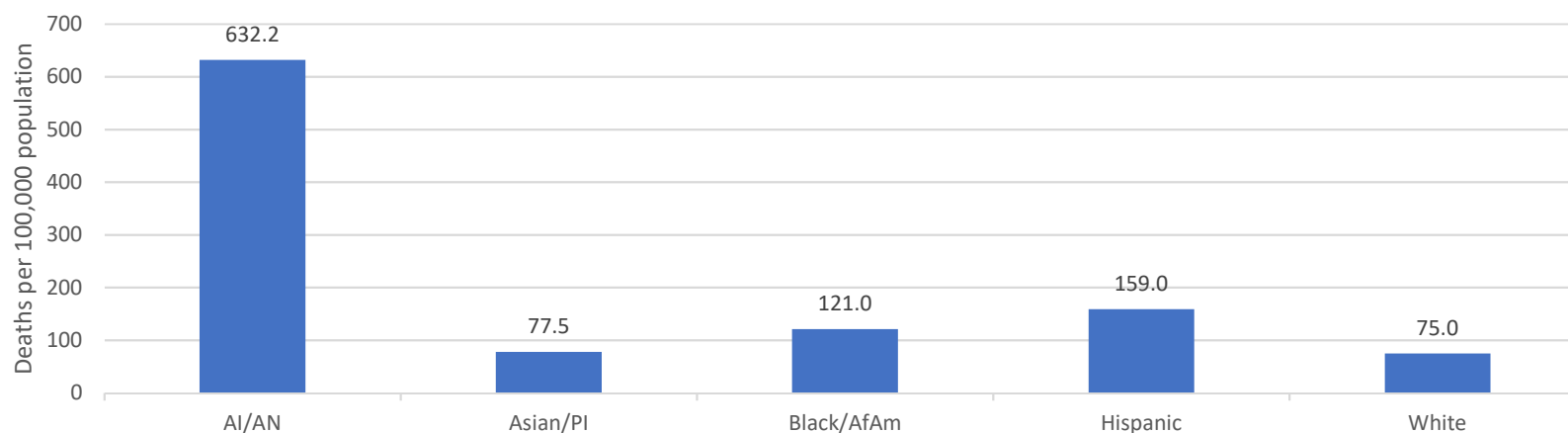
Mortality Rate per 100,000 Population by Age Group



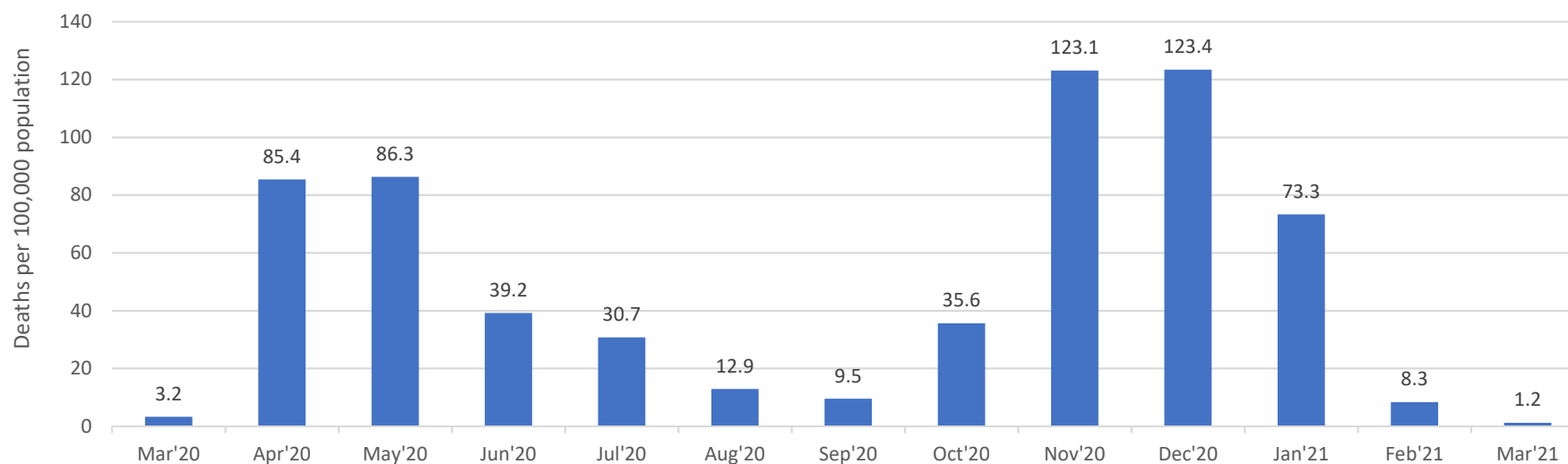
Age-adjusted Mortality Rate per 100,000 Population by Gender



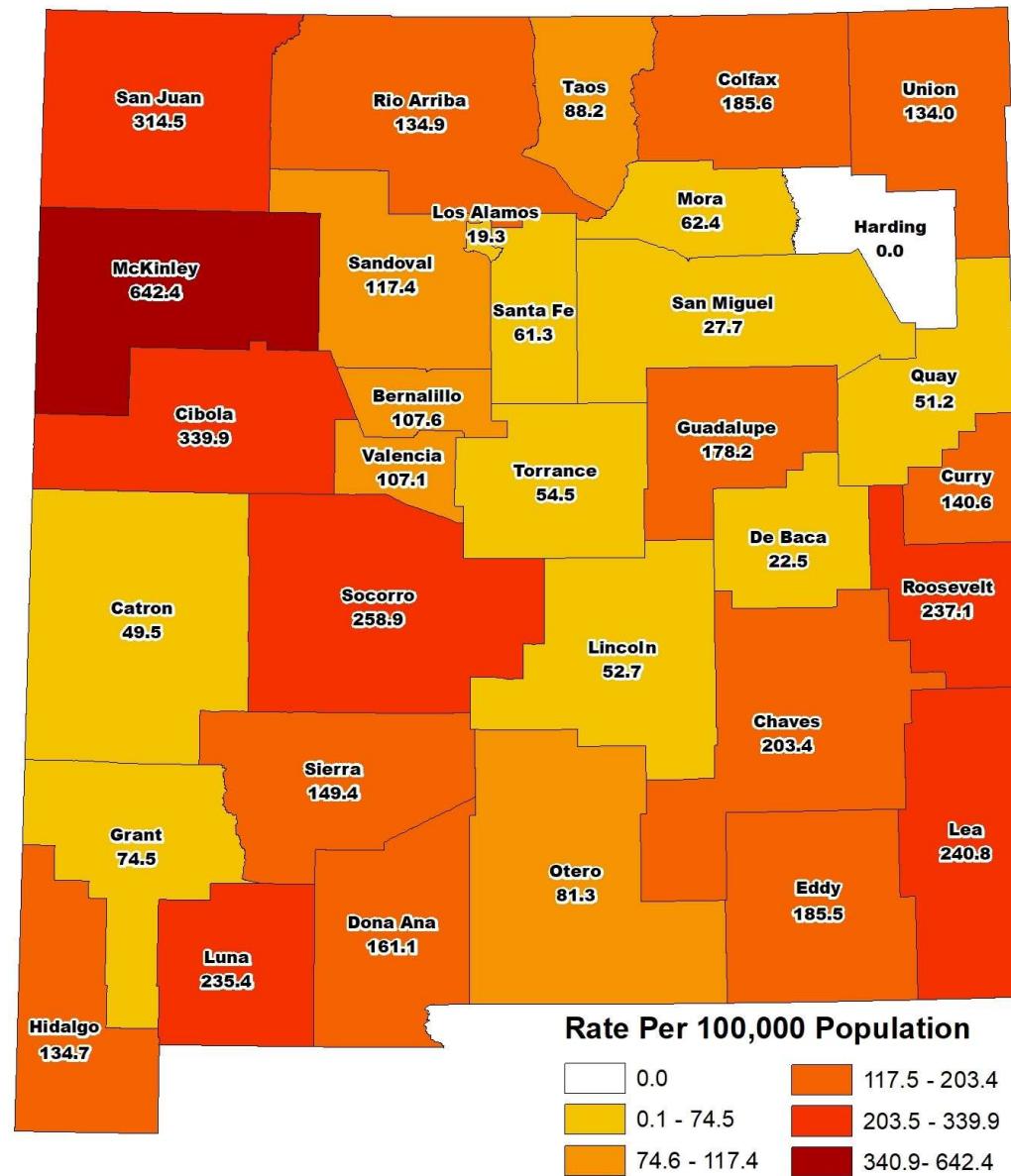
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



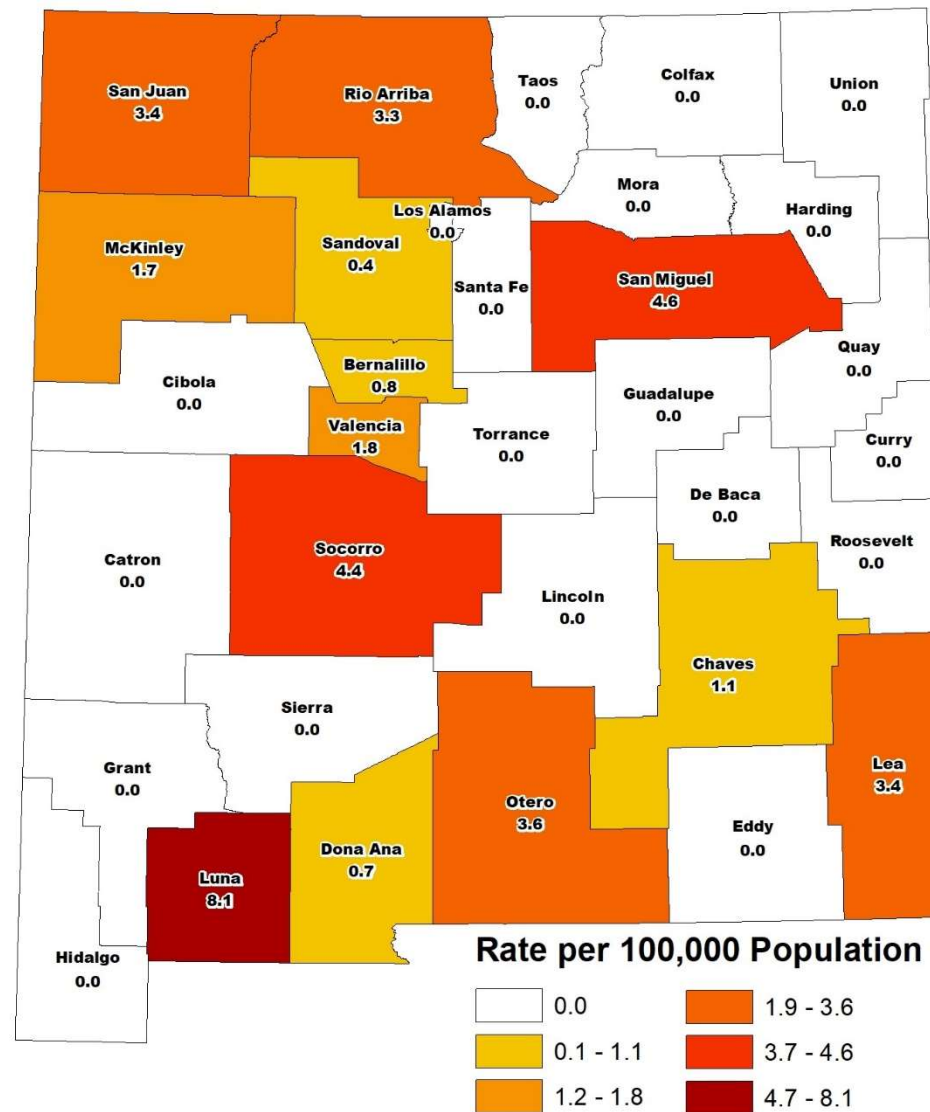
Age-adjusted Mortality rate among AI/AN by Month of 1st Positive Test



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

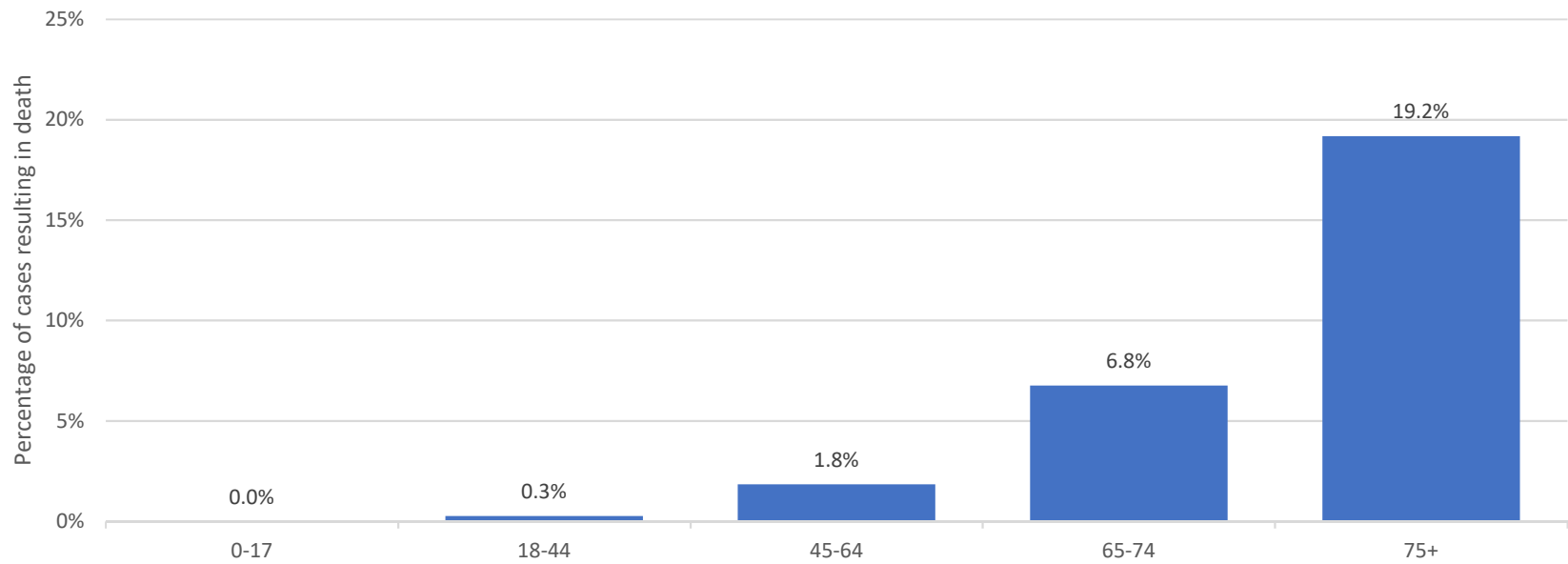


Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

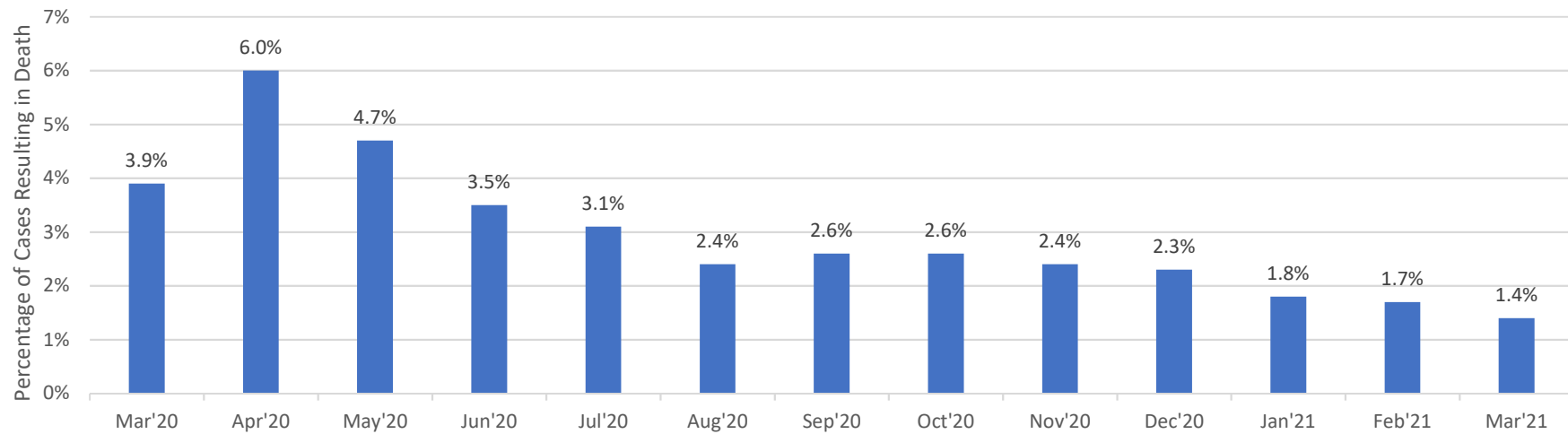


SECTION 3: CASE FATALITY RATES

Case Fatality Rate by Age Group



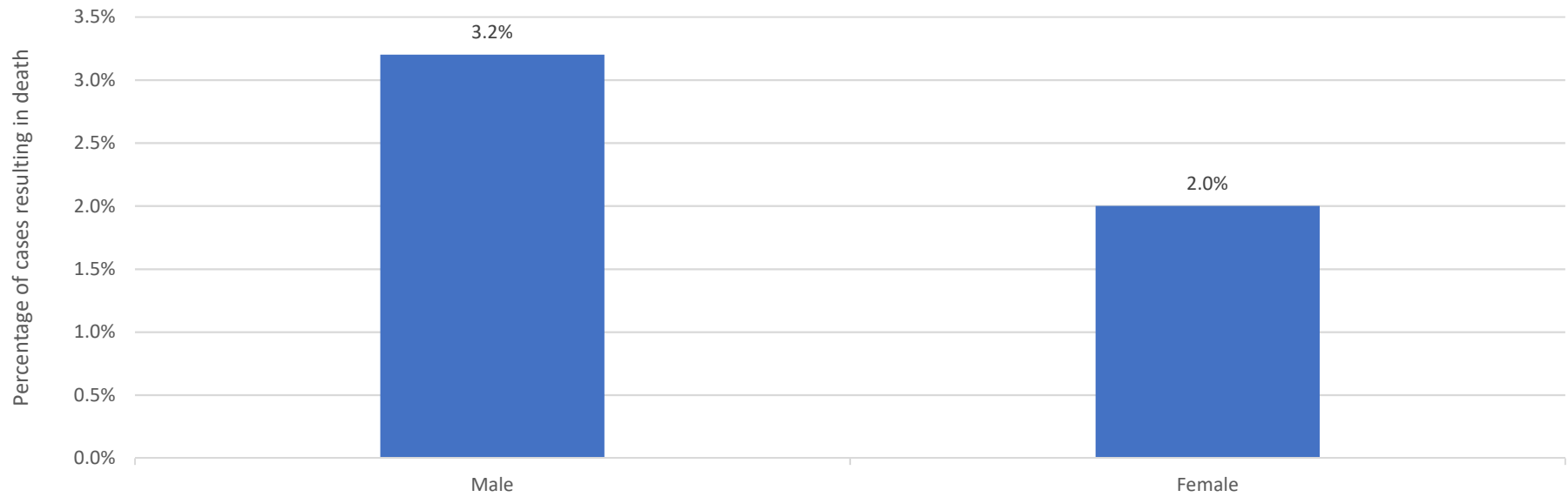
Age-adjusted* Case Fatality Rate by Month of 1st Positive Test



*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>

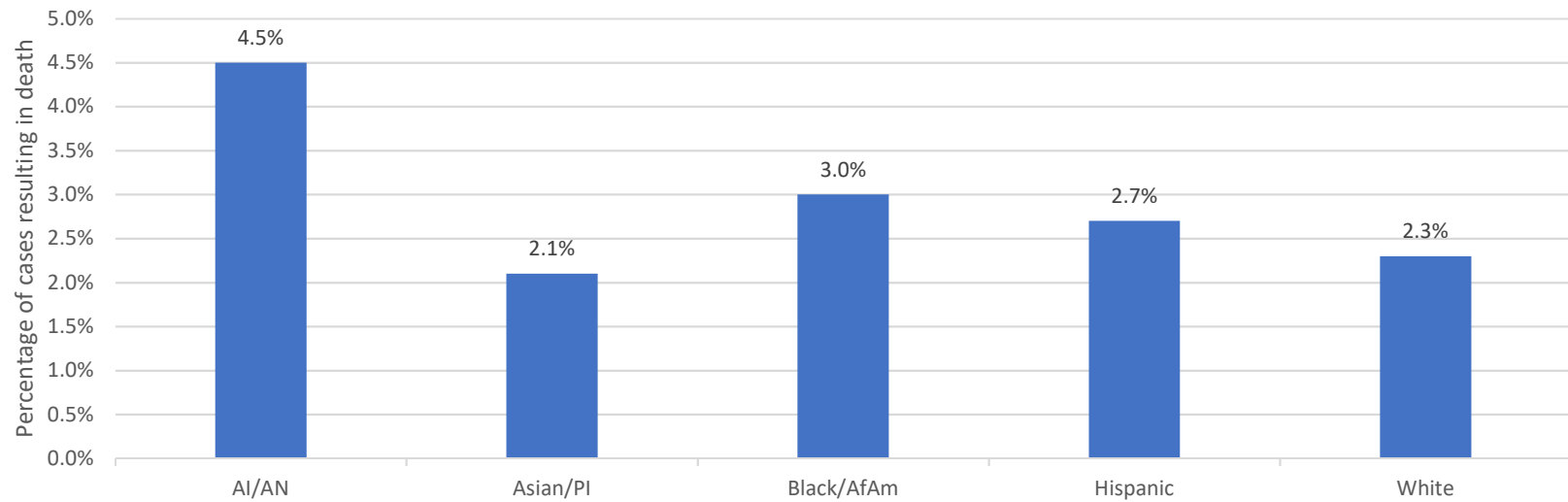
Age-adjusted* Case Fatality Rate by Gender



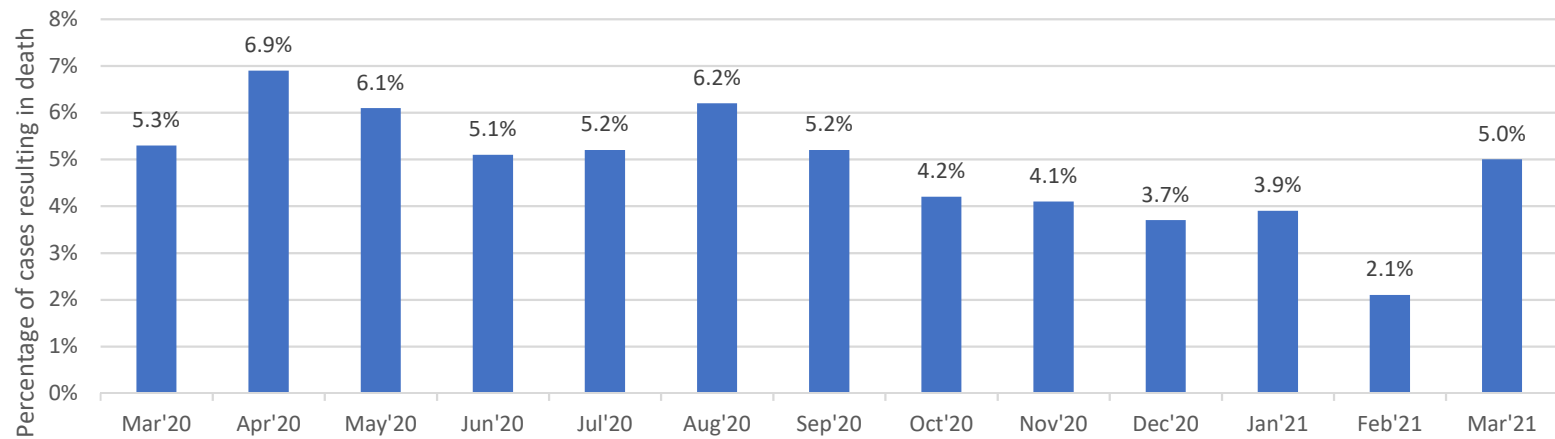
*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

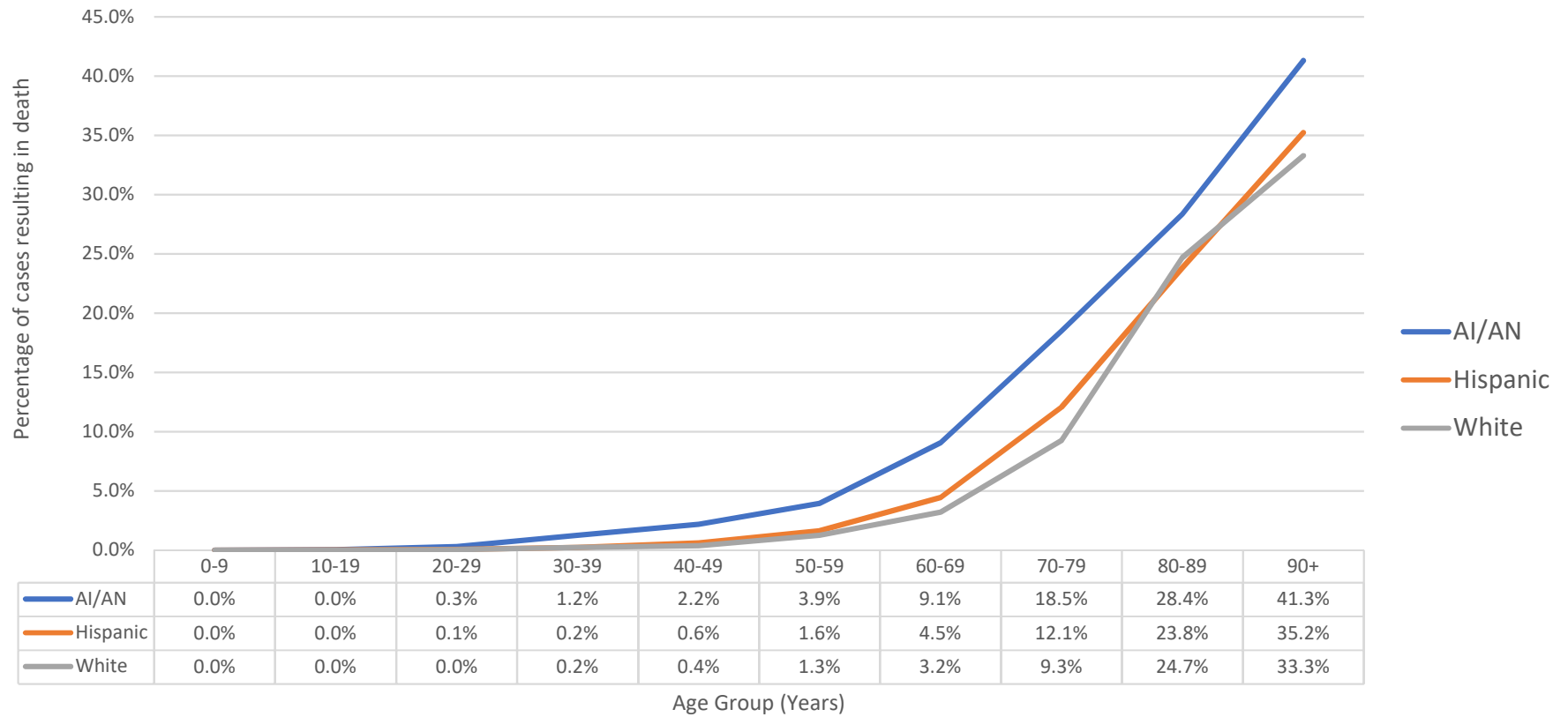
Age-adjusted* Case Fatality Rate by Race/Ethnicity



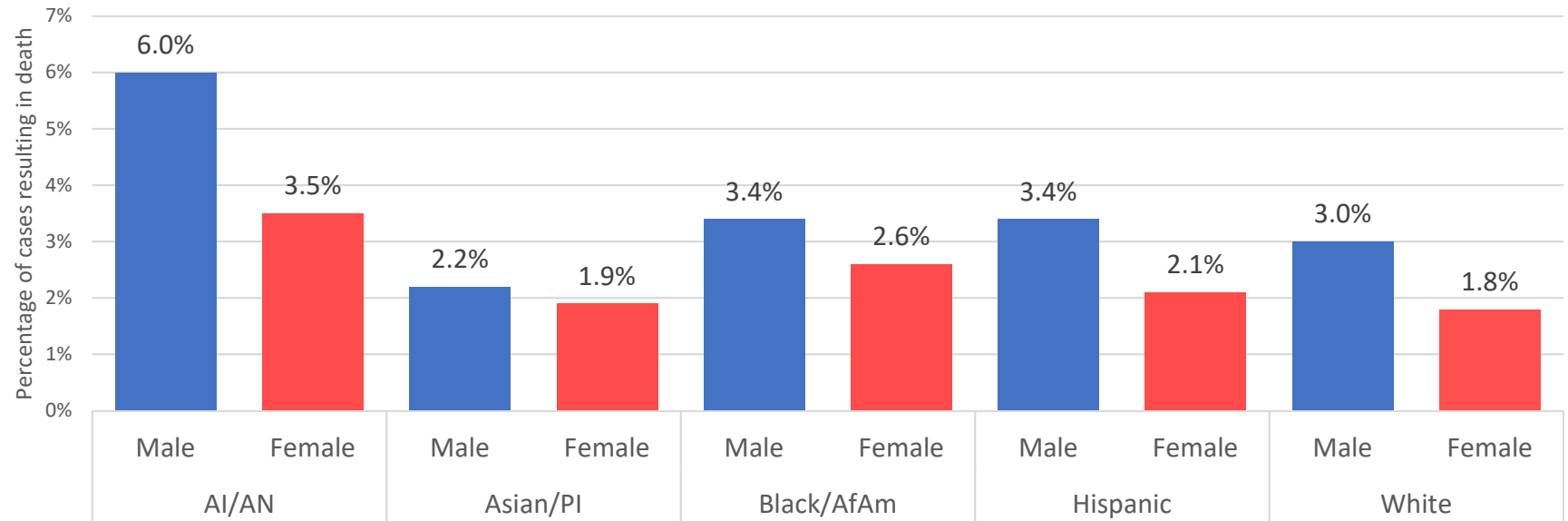
Age-adjusted* Case Fatality Rate Among AI/AN, by Month of 1st Positive Test



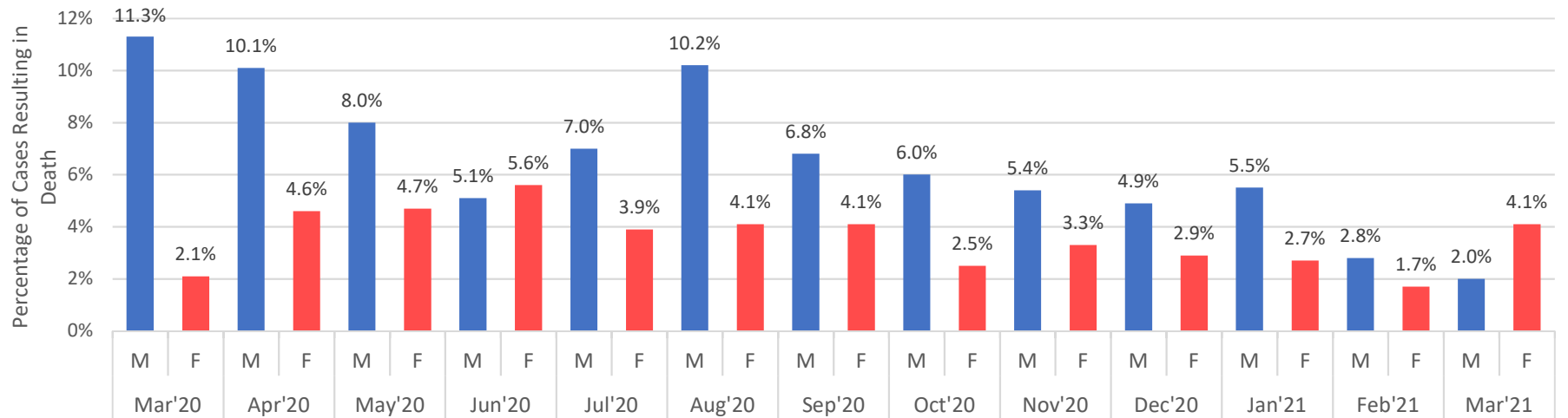
Case Fatality Rate by Race/Ethnicity and Age Group



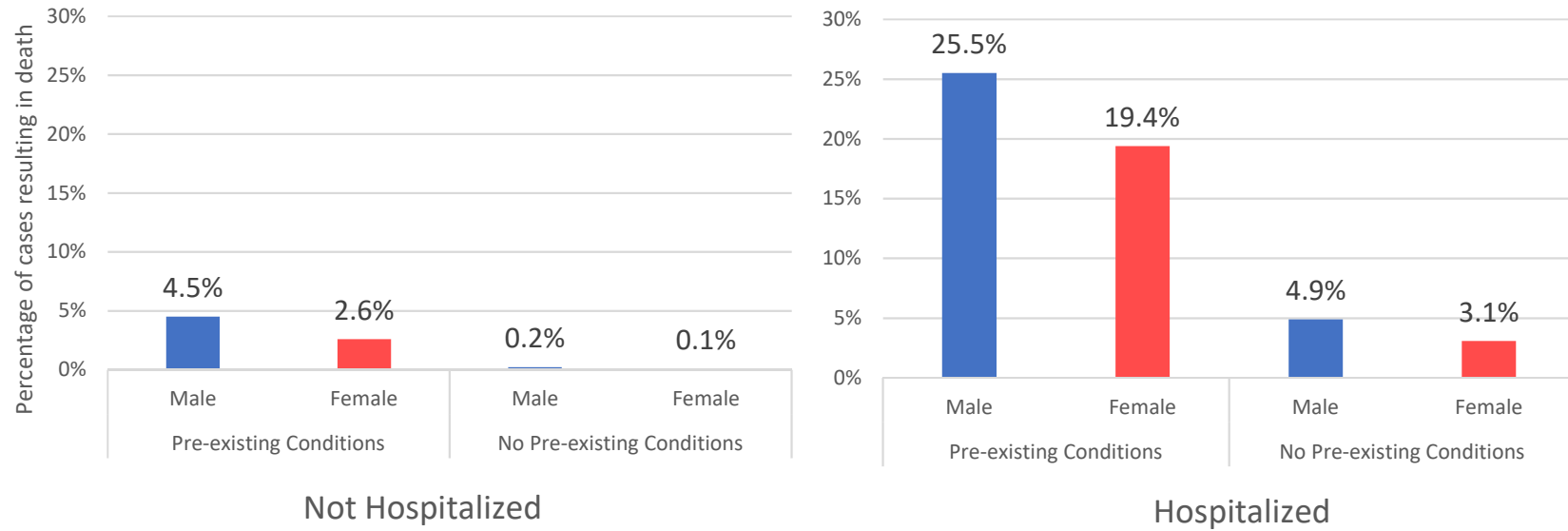
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender



Age-adjusted* Case Fatality Rate Among AI/AN, by Month of 1st 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.