

NEW MEXICO COVID-19 MORTALITY UPDATE

February 28, 2022

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

Total Deaths

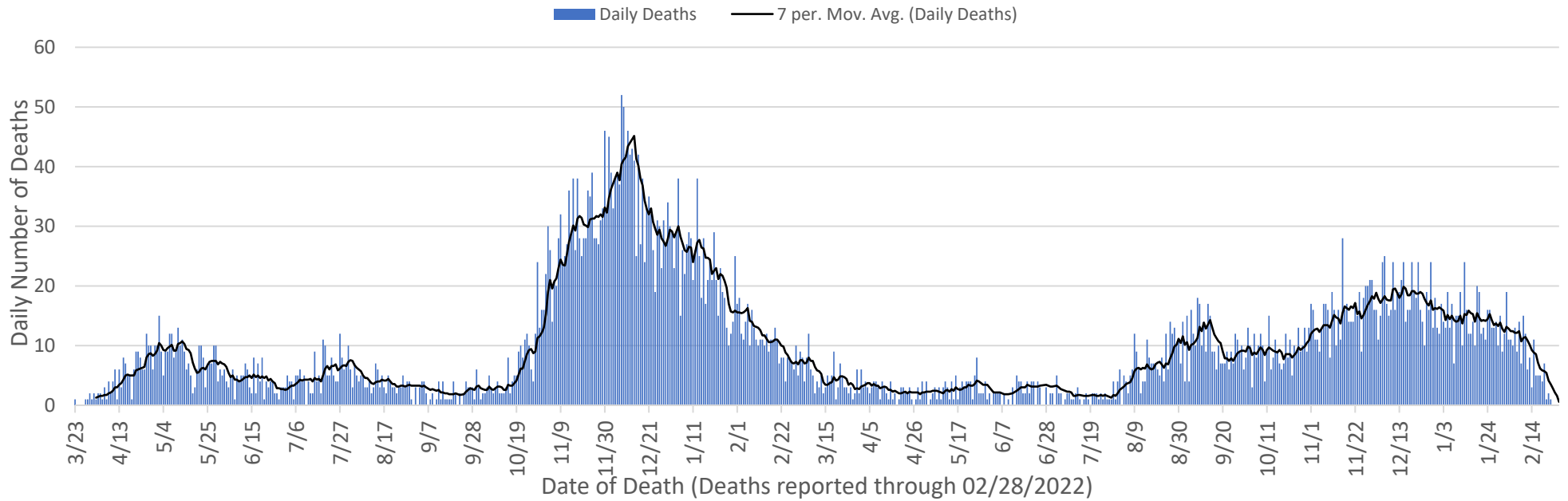
6,919

Deaths in the Last 14 Days

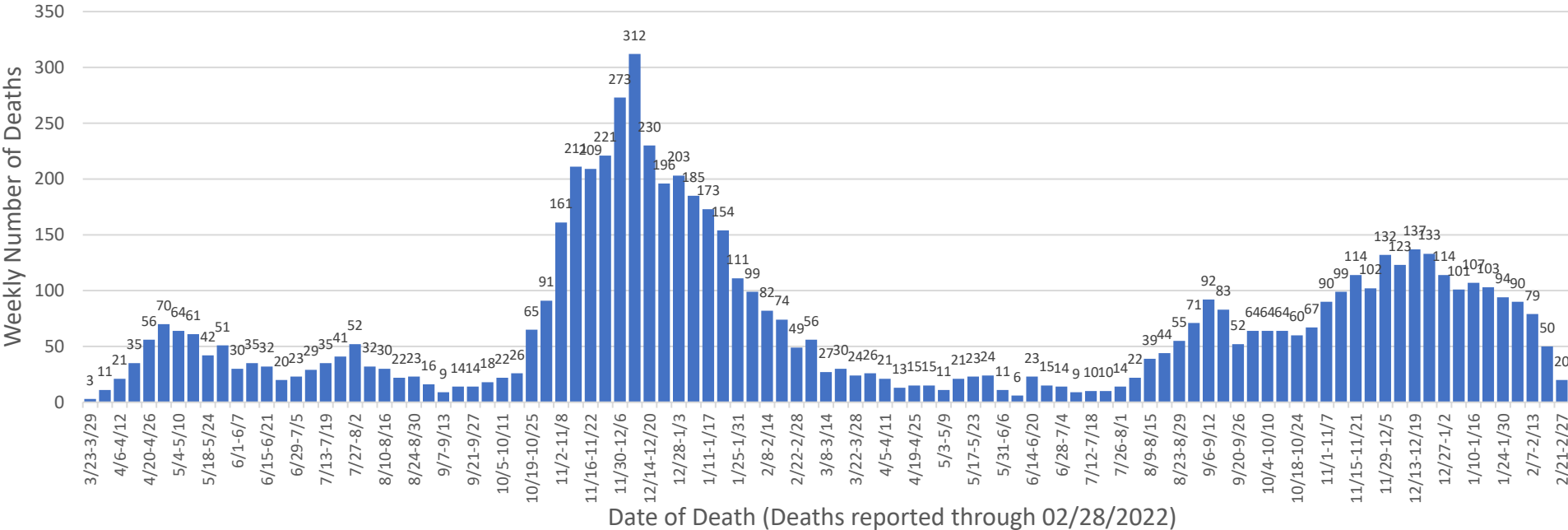
70

SECTION 1: DEATH COUNTS

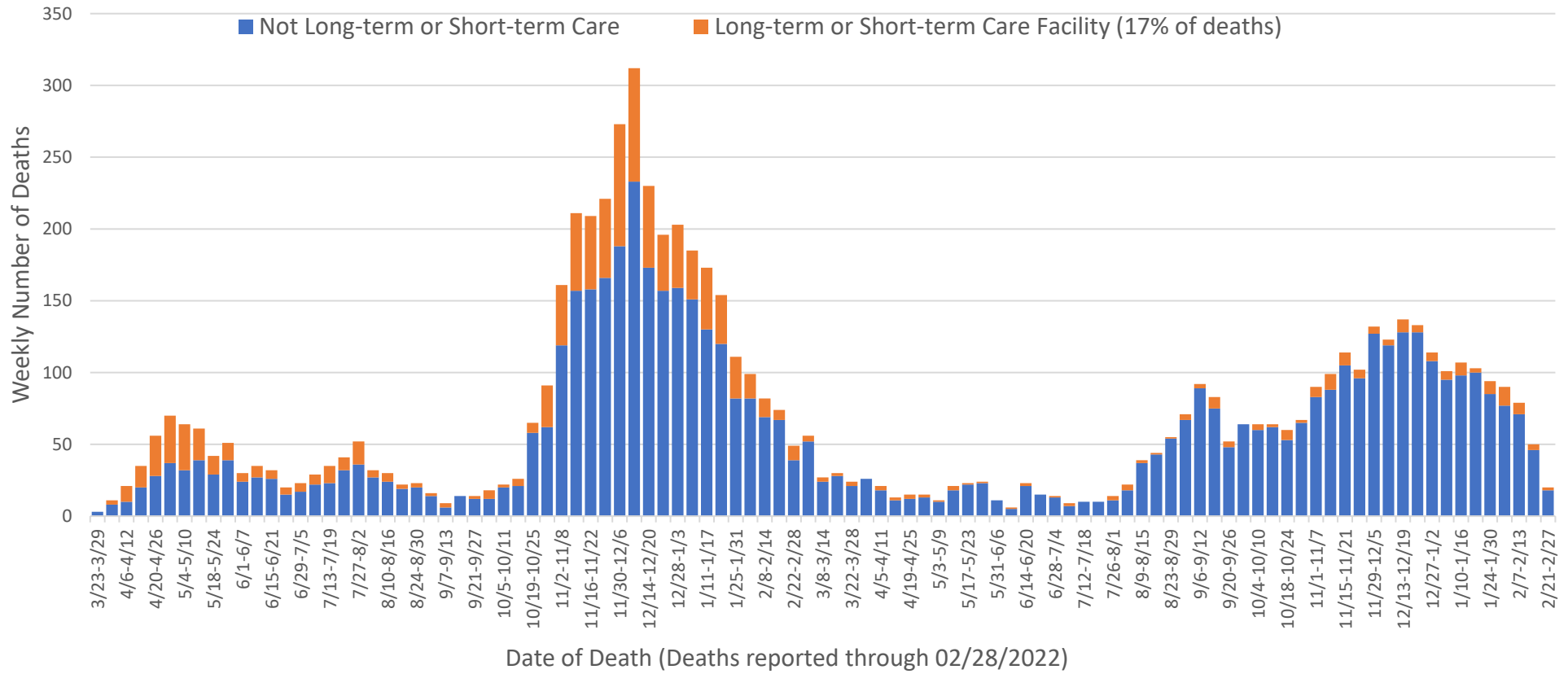
Daily Number of Deaths and 7-day Moving Average



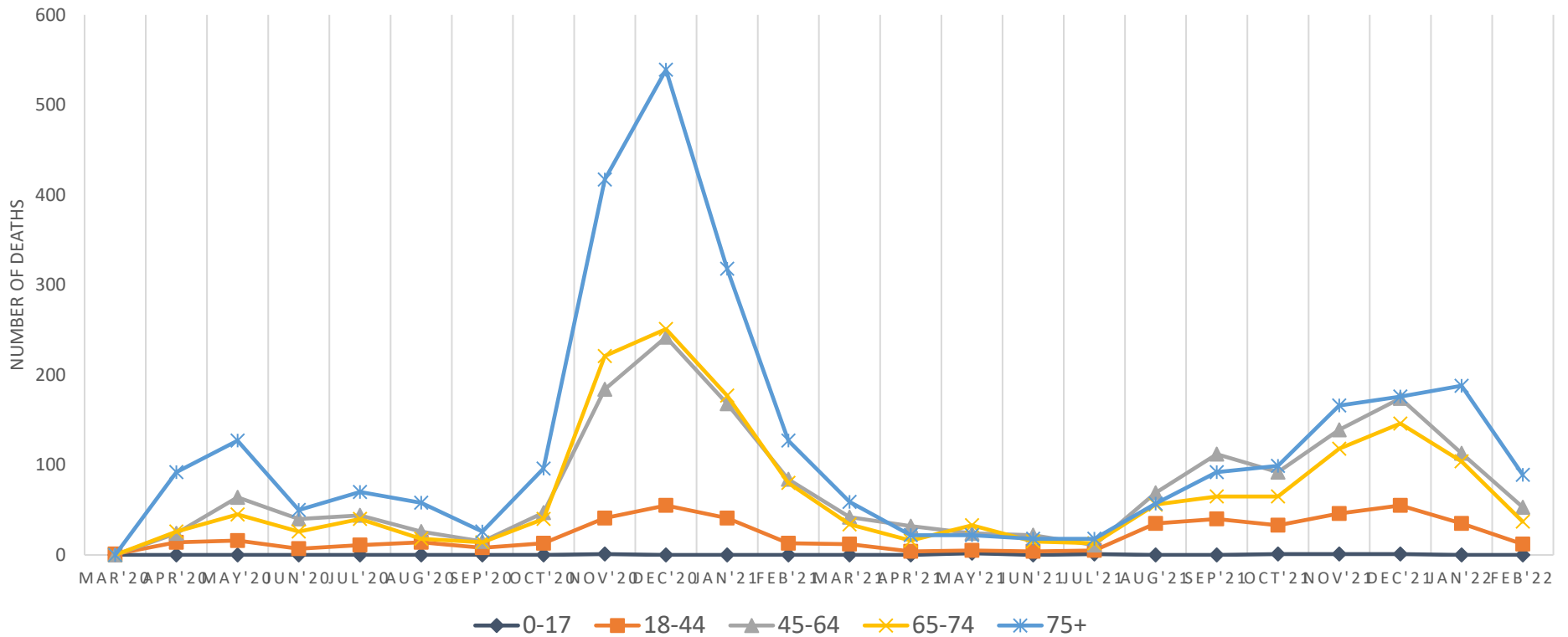
Number of Deaths Each Week



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

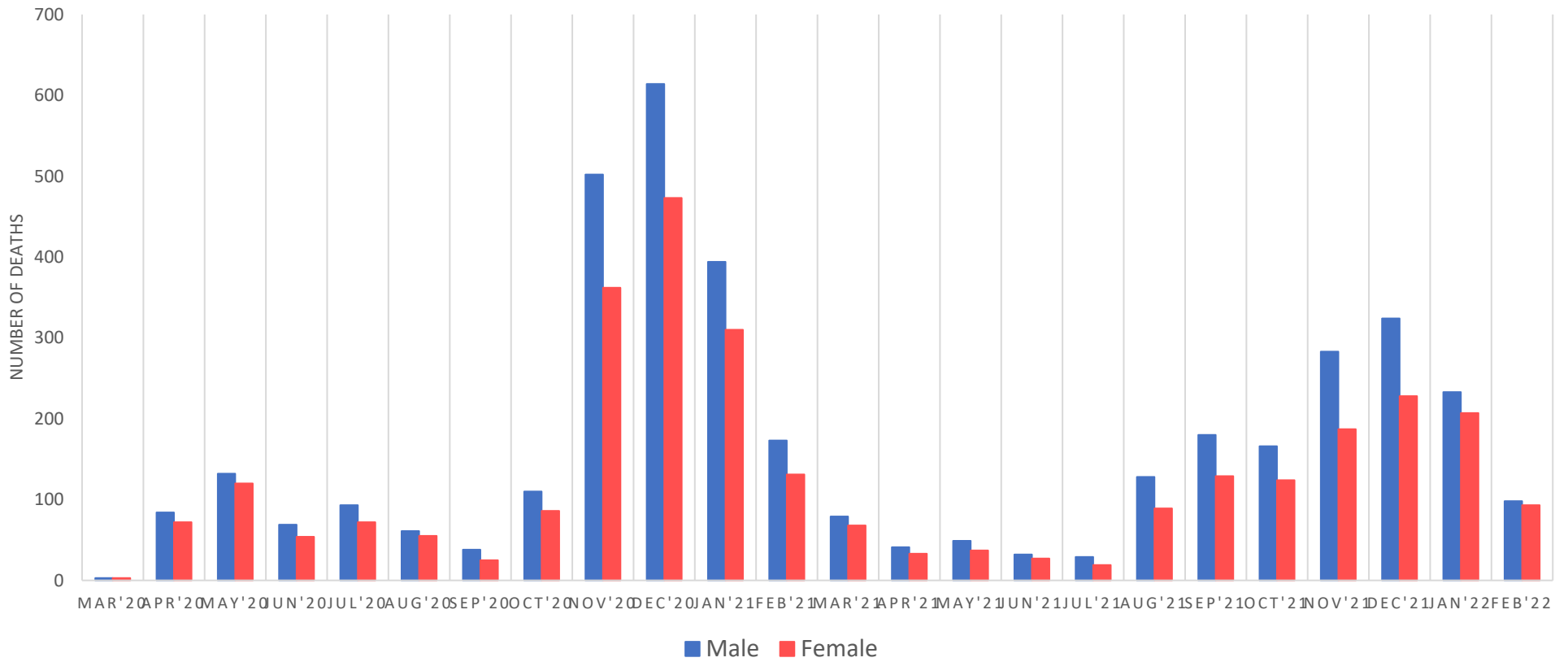


Number of Deaths by Age Group Each Month



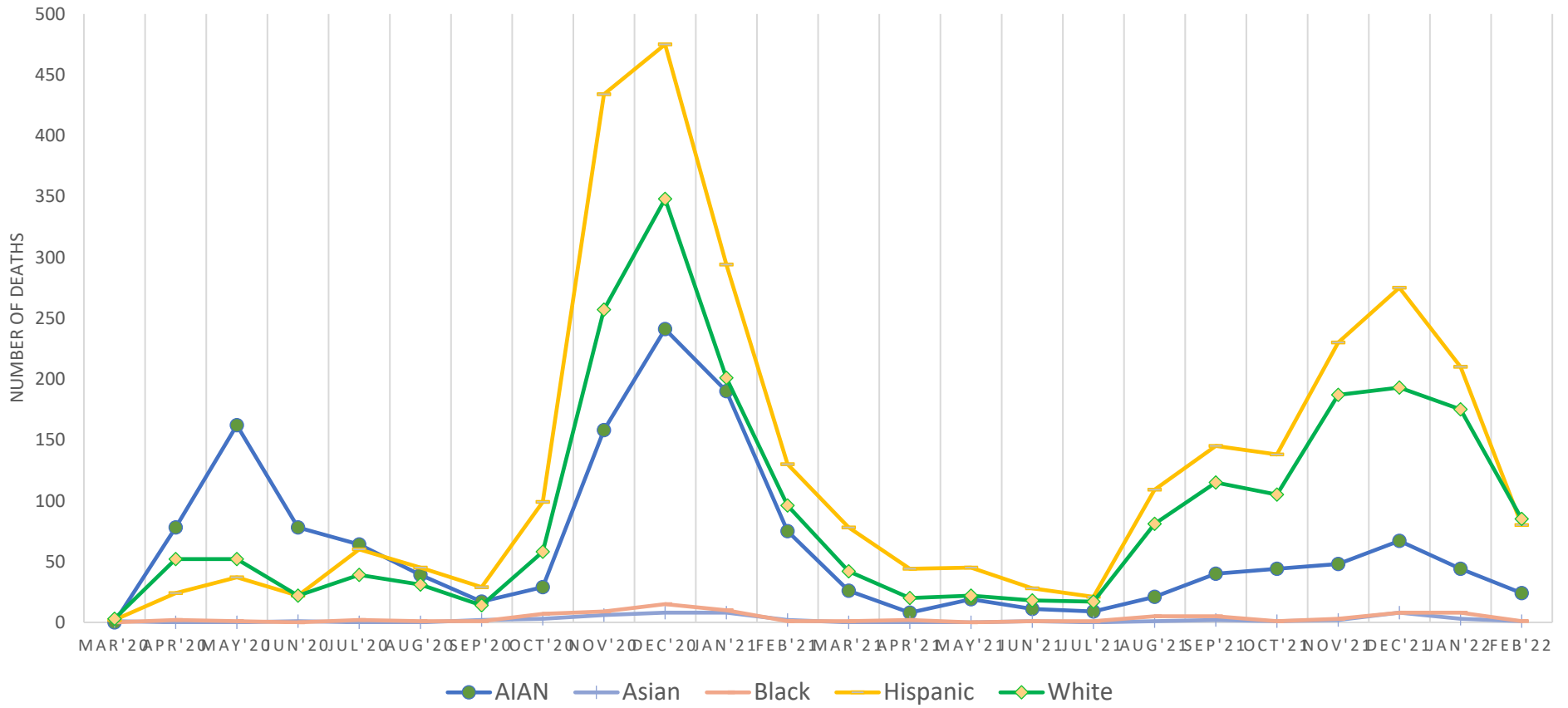
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Total
0-17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	1	1	1	0	0	7
18-44	1	14	16	7	11	14	8	13	41	55	41	13	12	4	5	4	5	35	40	33	46	55	35	12	520
45-64	0	24	64	40	44	26	15	47	184	242	168	84	42	32	24	22	11	69	112	92	139	174	113	53	1821
65-74	1	26	45	26	40	18	14	40	221	251	177	80	34	16	33	15	13	56	65	65	118	146	104	37	1641
75+	4	92	127	50	70	58	26	96	417	539	318	127	59	22	22	18	18	57	92	99	166	176	188	89	2930
Total	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	86	59	48	217	309	290	470	552	440	191	6919

Number of Deaths by Gender Each Month



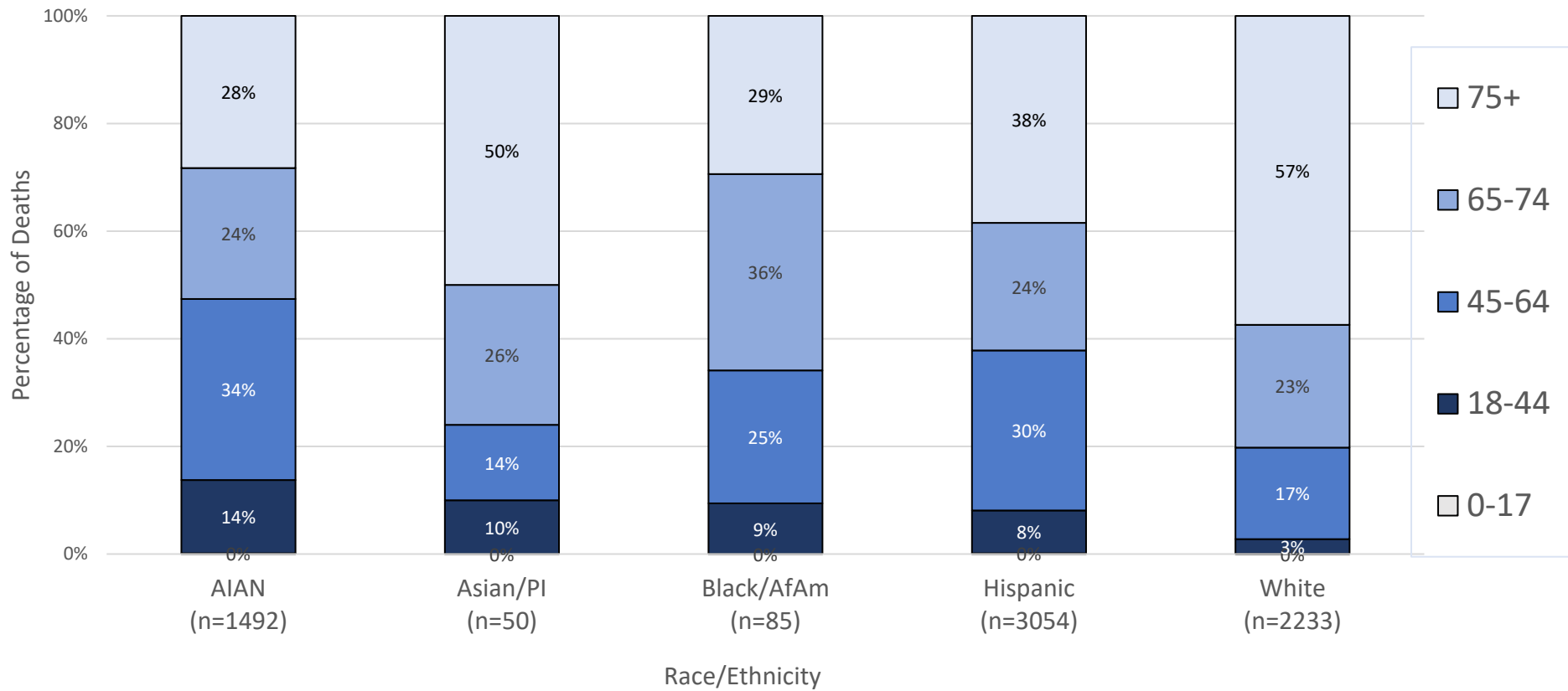
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Total
Male	3	84	132	69	93	61	38	110	502	614	394	173	79	41	49	32	29	128	180	166	283	324	233	98	3915
Female	3	72	120	54	72	55	25	86	362	473	310	131	68	33	37	27	19	89	129	124	187	228	207	93	3004
Total	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	86	59	48	217	309	290	470	552	440	191	6919

Number of Deaths by Race/Ethnicity Each Month

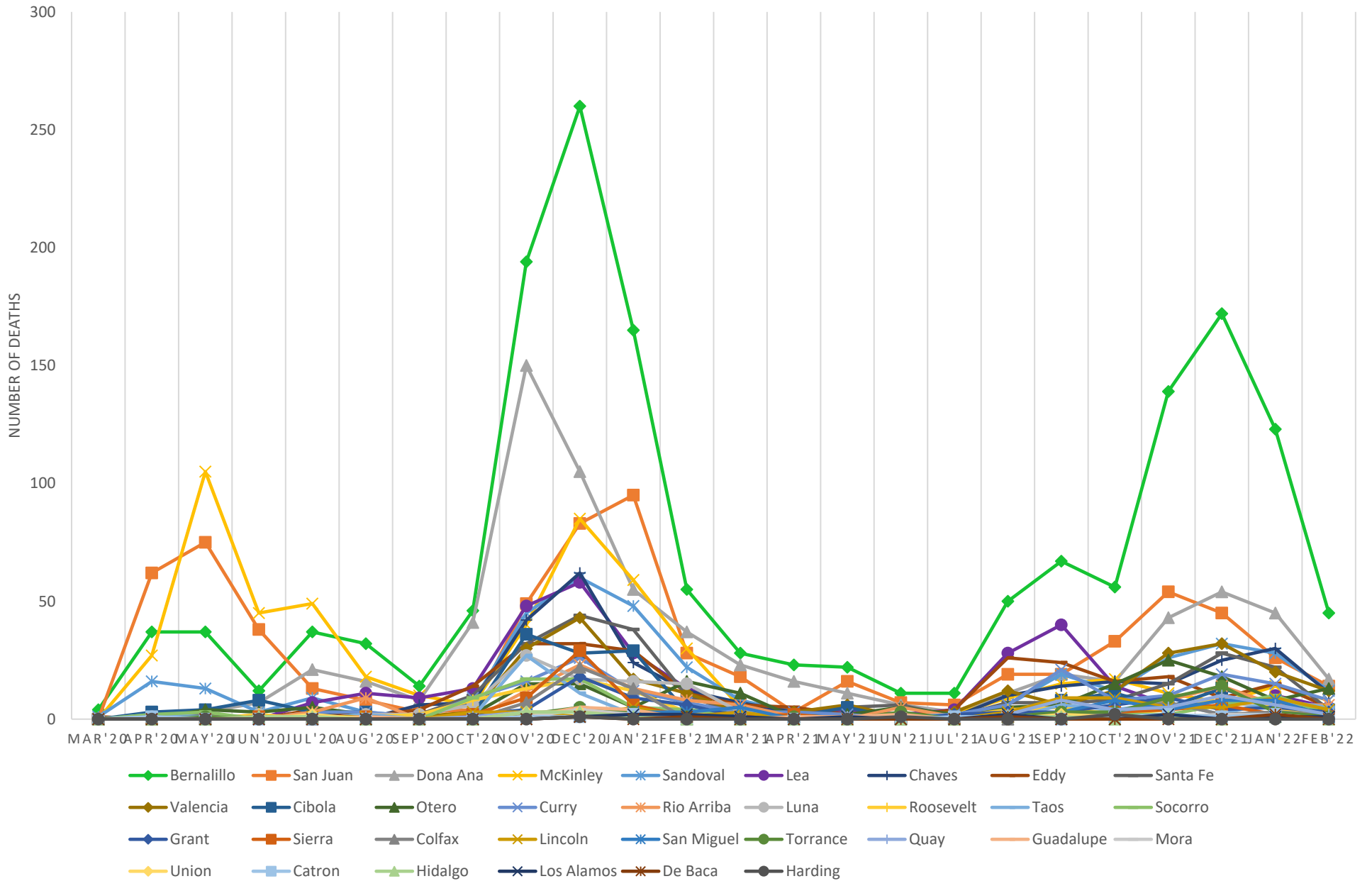


Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Total
AIAN	0	78	162	78	64	39	17	29	158	241	190	75	26	8	19	11	9	21	40	44	48	67	44	24	1492
Asian	1	0	0	1	0	0	2	3	6	8	8	2	0	0	0	1	0	1	2	1	2	8	3	1	50
Black	0	2	1	0	2	1	1	7	9	15	10	1	1	2	0	1	1	5	5	1	3	8	8	1	85
Hispanic	2	24	37	22	60	45	29	99	434	475	294	130	78	44	45	28	21	109	145	138	230	275	210	80	3054
White	3	52	52	22	39	31	14	58	257	348	201	96	42	20	22	18	17	81	115	105	187	193	175	85	2233

Percentage of Deaths by Race/Ethnicity and Age Group



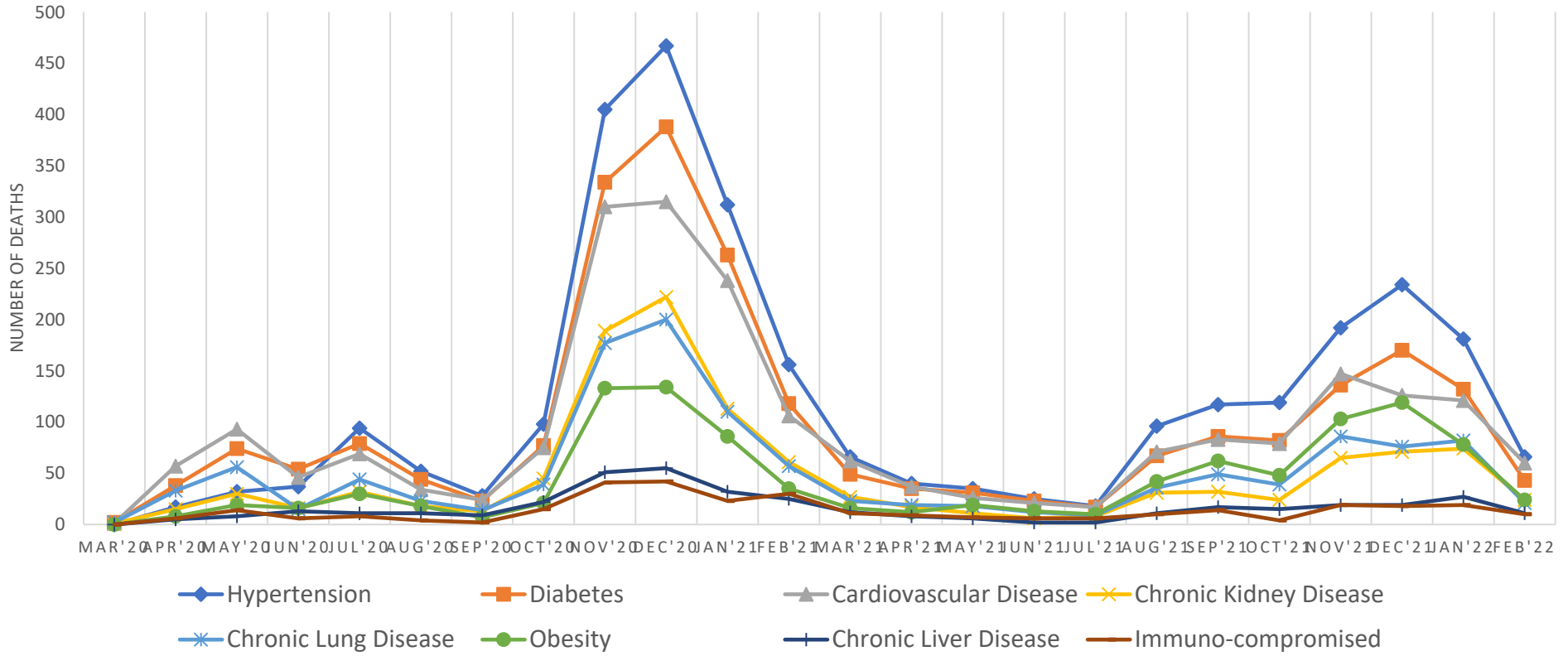
Number of deaths by New Mexico County of residence each month



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

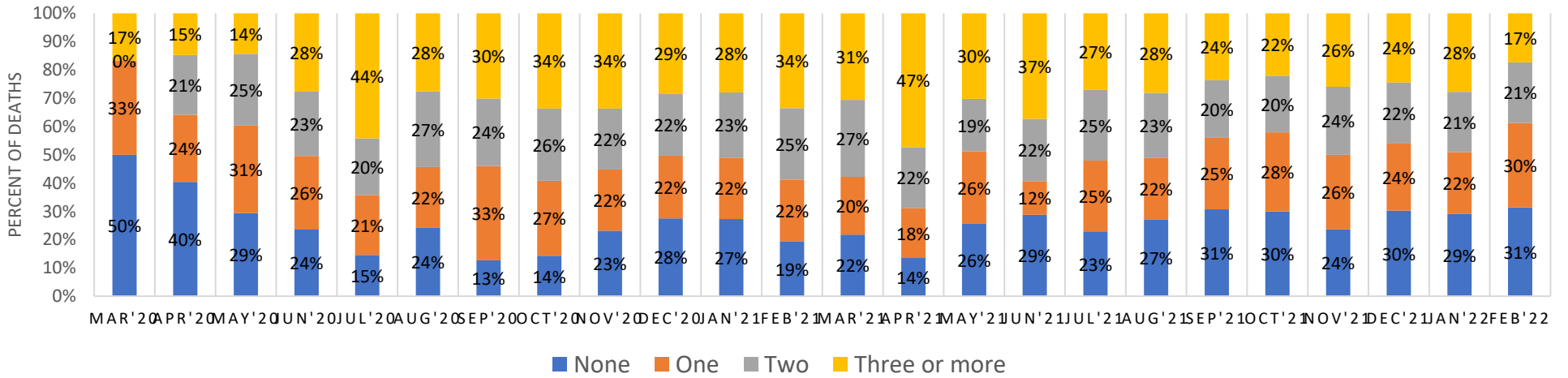
County of Residence	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Total
Bernalillo	4	37	37	12	37	32	14	46	194	260	165	55	28	23	22	11	11	50	67	56	139	172	123	45	1640
San Juan	0	62	75	38	13	8	3	4	49	83	95	28	18	3	16	7	6	19	19	33	54	45	26	14	718
Dona Ana	0	1	3	7	21	16	8	41	150	105	55	37	23	16	11	6	3	11	19	16	43	54	45	17	708
McKinley	0	27	105	45	49	18	10	6	40	85	59	30	5	1	2	1	2	9	15	17	11	7	14	8	566
Sandoval	1	16	13	3	9	3	1	7	45	60	48	22	8	3	3	1	2	6	19	12	26	32	28	12	380
Lea	0	0	0	0	7	11	9	13	48	58	28	13	5	3	4	2	4	28	40	14	6	5	10	5	313
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	1	2	1	10	14	16	15	25	30	11	294
Eddy	1	0	0	0	4	1	4	14	32	32	29	11	6	5	2	1	4	26	24	16	18	9	15	5	259
Santa Fe	0	2	2	0	0	1	2	10	32	44	38	10	2	1	5	6	1	7	7	8	15	28	22	4	247
Valencia	0	0	1	0	2	0	1	3	30	43	17	11	3	3	6	1	3	12	6	12	28	32	20	12	246
Cibola	0	3	4	8	3	3	0	2	36	28	29	3	3	1	5	0	0	3	8	11	5	13	6	4	178
Otero	0	0	4	3	5	2	0	2	15	15	5	16	11	1	2	5	2	5	6	15	25	18	8	13	178
Curry	0	0	0	0	3	3	1	9	16	26	12	7	3	3	2	0	2	6	21	8	10	19	15	8	174
Rio Arriba	0	0	1	0	3	9	0	0	12	23	13	8	6	1	0	5	1	2	0	3	8	14	6	6	121
Luna	0	1	0	2	0	2	2	6	27	17	16	15	3	1	0	0	0	0	1	4	4	8	4	3	116
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	0	1	4	5	2	4	10	5	1	91
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	1	2	0	6	4	7	2	8	5	88
Socorro	0	2	3	0	1	0	0	9	17	17	5	4	2	0	1	0	0	1	1	2	2	6	10	2	85
Grant	0	0	0	0	1	0	0	2	4	18	9	6	1	0	0	0	2	3	3	6	9	4	5	3	76
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	0	0	1	1	3	4	6	2	1	70
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	2	0	0	1	3	7	2	3	2	64
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	1	1	0	3	9	9	5	5	9	4	64
San Miguel	0	0	0	0	0	0	0	0	2	4	3	3	5	0	0	0	0	1	3	8	4	8	8	1	50
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	3	0	1	3	3	9	14	3	1	50
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	1	0	0	2	8	4	5	10	6	2	48
Guadalupe	0	0	0	0	0	1	0	0	1	5	4	0	0	1	1	2	0	0	0	0	0	0	1	1	17
Mora	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	1	0	2	0	1	1	2	2	0	16
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	0	0	0	0	0	2	1	1	1	0	0	14
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	1	2	1	2	0	13
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	0	0	0	0	1	1	0	1	0	1	0	13
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	1	13
De Baca	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	2	0	5
Harding	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	4
Total	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	86	59	48	217	309	290	470	552	440	191	6919

Number of Deaths by Underlying Conditions Each Month



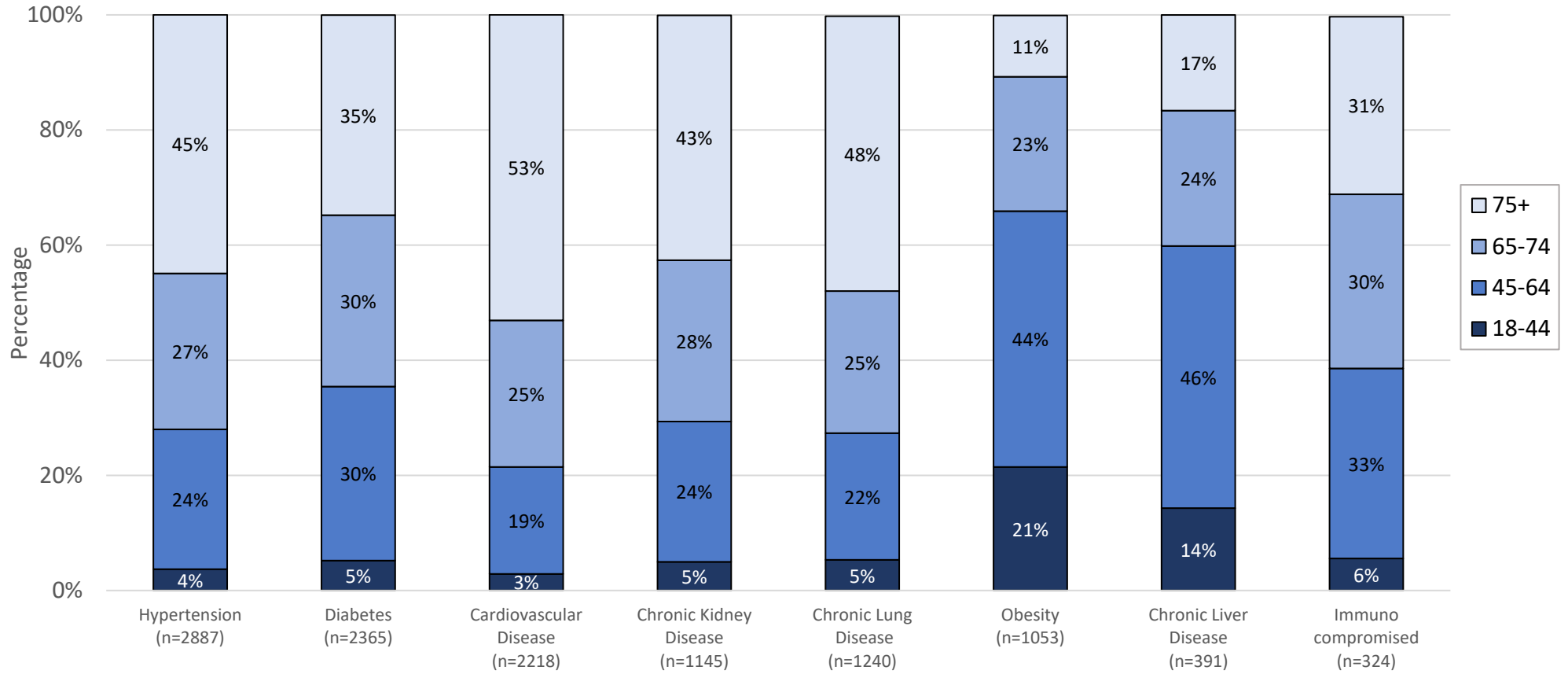
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Total
Hypertension	0	17	32	37	94	52	28	98	405	467	312	156	66	40	35	25	18	96	117	119	192	234	181	66	2887
Diabetes	2	38	74	54	79	44	23	77	334	388	263	118	49	35	31	23	17	67	86	82	136	170	132	43	2365
Cardiovascular Disease	1	57	93	46	69	34	24	75	310	315	238	106	62	37	26	21	17	71	83	79	147	126	121	60	2218
Chronic Kidney Disease	1	15	30	16	32	18	13	45	189	222	113	61	27	17	11	6	8	31	32	24	65	71	74	24	1145
Chronic Lung Disease	2	33	56	15	44	23	14	39	177	200	110	57	23	19	18	12	9	36	49	39	86	76	82	21	1240
Obesity	0	8	19	16	30	18	7	21	133	134	86	35	16	12	19	13	10	42	62	48	103	119	78	24	1053
Chronic Liver Disease	0	5	8	13	11	11	9	22	51	55	32	25	12	8	6	2	2	11	17	15	19	19	27	11	391
Immuno-compromised	0	6	14	6	8	4	2	15	41	42	23	30	11	9	7	6	6	10	14	4	19	18	19	10	324

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	Feb'22	Total
None	3	63	74	29	24	28	8	28	200	299	192	59	32	10	22	17	11	59	95	87	111	167	128	60	1806
One	2	37	78	32	35	25	21	52	187	241	153	66	30	13	22	7	12	47	78	81	124	131	96	57	1627
Two	0	33	64	28	33	31	15	50	186	237	162	77	40	16	16	13	12	50	63	58	113	119	94	41	1551
Three or more	1	23	36	34	73	32	19	66	291	310	197	102	45	35	26	22	13	61	73	64	122	135	122	33	1935
Total	6	156	252	123	165	116	63	196	864	1087	704	304	147	74	86	59	48	217	309	290	470	552	440	191	6919

Percentage of Deaths by Underlying Condition and Age Group



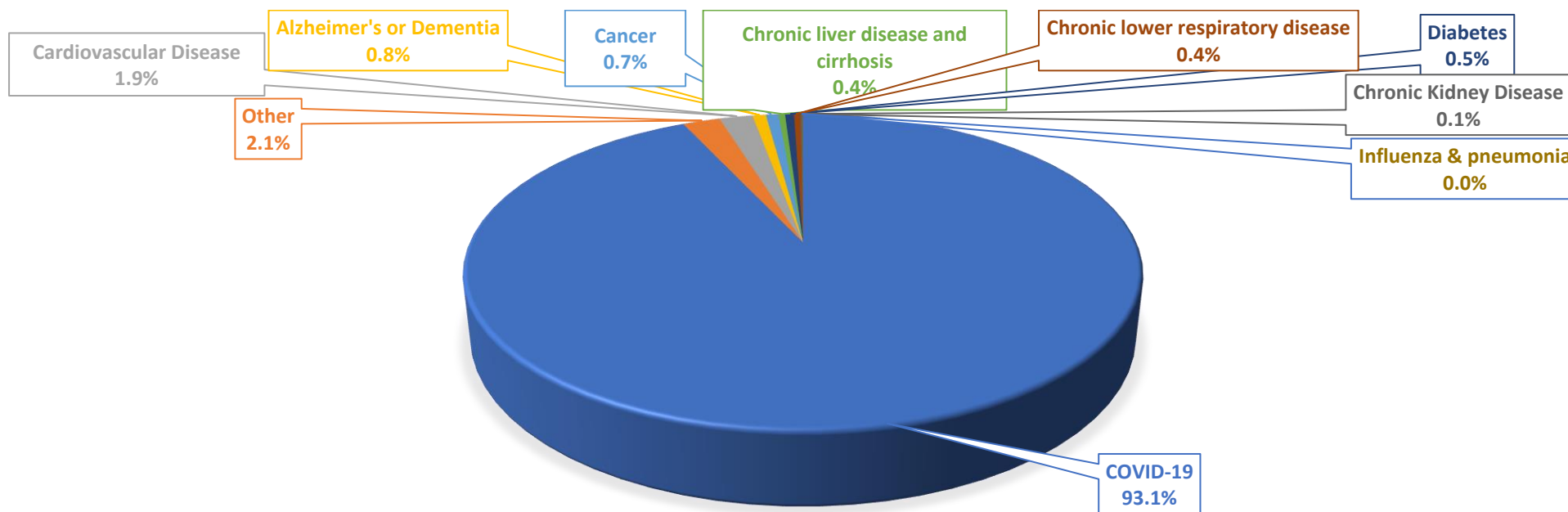
Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result ¹	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	6606	95.5%
Yes	No	29 ²	0.4%
Yes	Pending	15	0.2%
No	Yes	269	3.9%
Total		6919	100.0%

¹ Positive RT-PCR or Rapid Test

² 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.

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

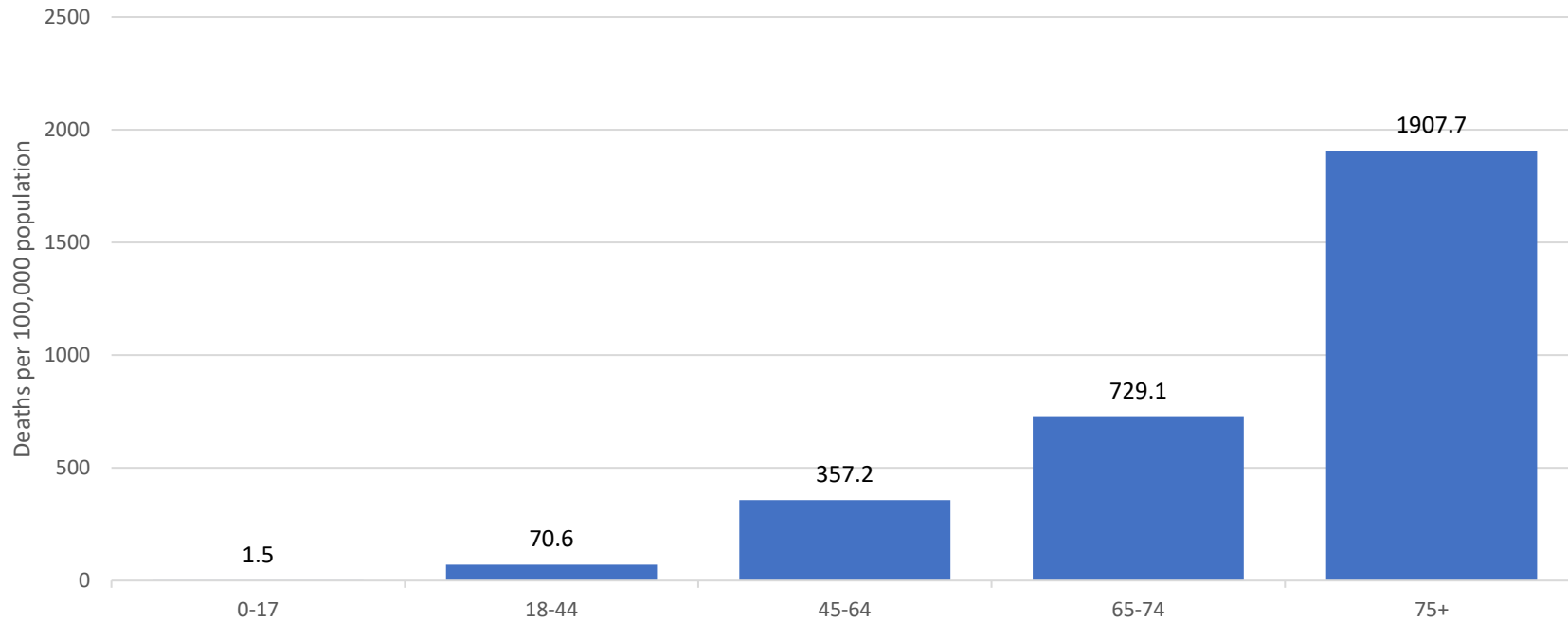


Underlying Cause	Number of Deaths*	Percent
COVID-19	5975	93.1%
Other	137	2.1%
Cardiovascular Disease	122	1.9%
Alzheimer's or Dementia	49	0.8%
Cancer	46	0.7%
Chronic liver disease and cirrhosis	24	0.4%
Diabetes	33	0.5%
Chronic lower respiratory disease	24	0.4%
Chronic Kidney Disease	8	0.1%
Influenza & pneumonia	1	0.0%
Total	6419	100.0%
*Excludes 500 (7%) deaths which have not yet been coded by the National Center for Health Statistics.		

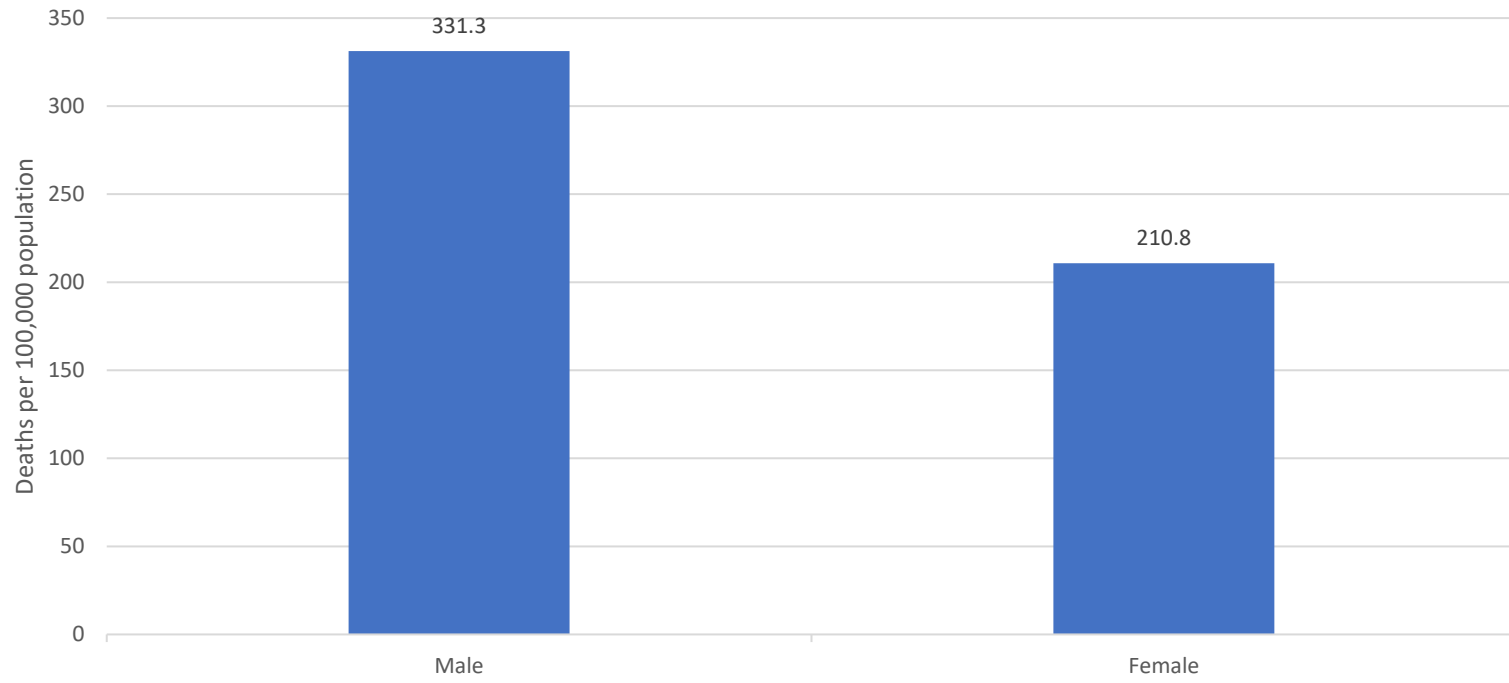
SECTION 2: MORTALITY RATES

Mortality Rate per 100,000 Population by Age Group

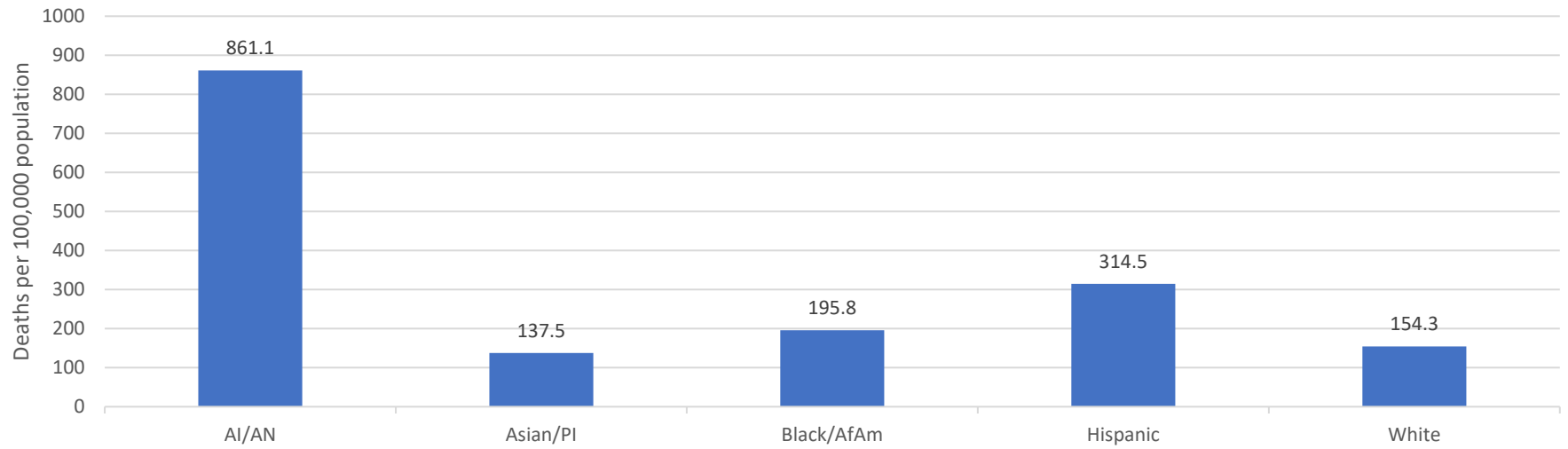
Note: This graph was in error for the reports on February 1, 2021 – March 22, 2021, due to incorrect population denominators. We regret the error and appreciate being notified of it.



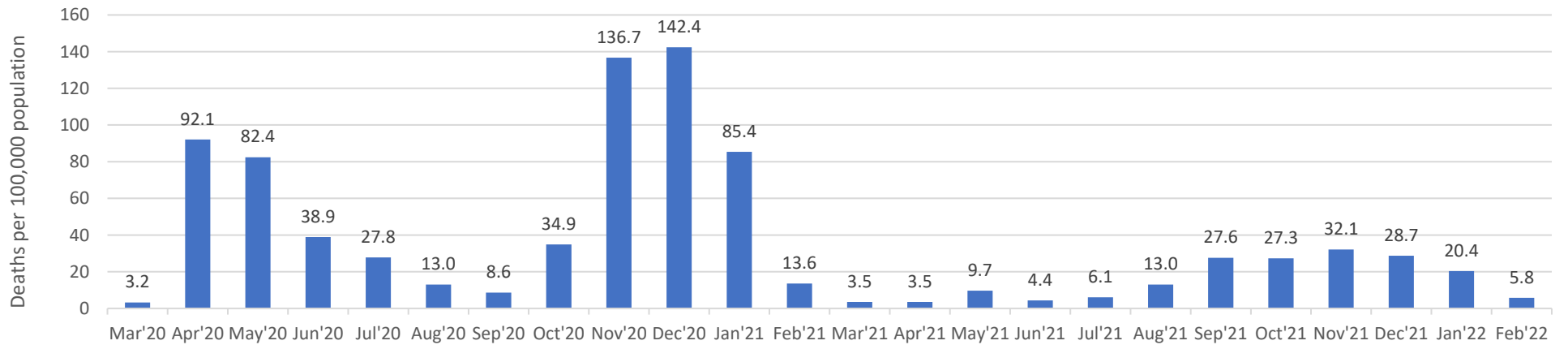
Age-adjusted Mortality Rate per 100,000 Population by Gender



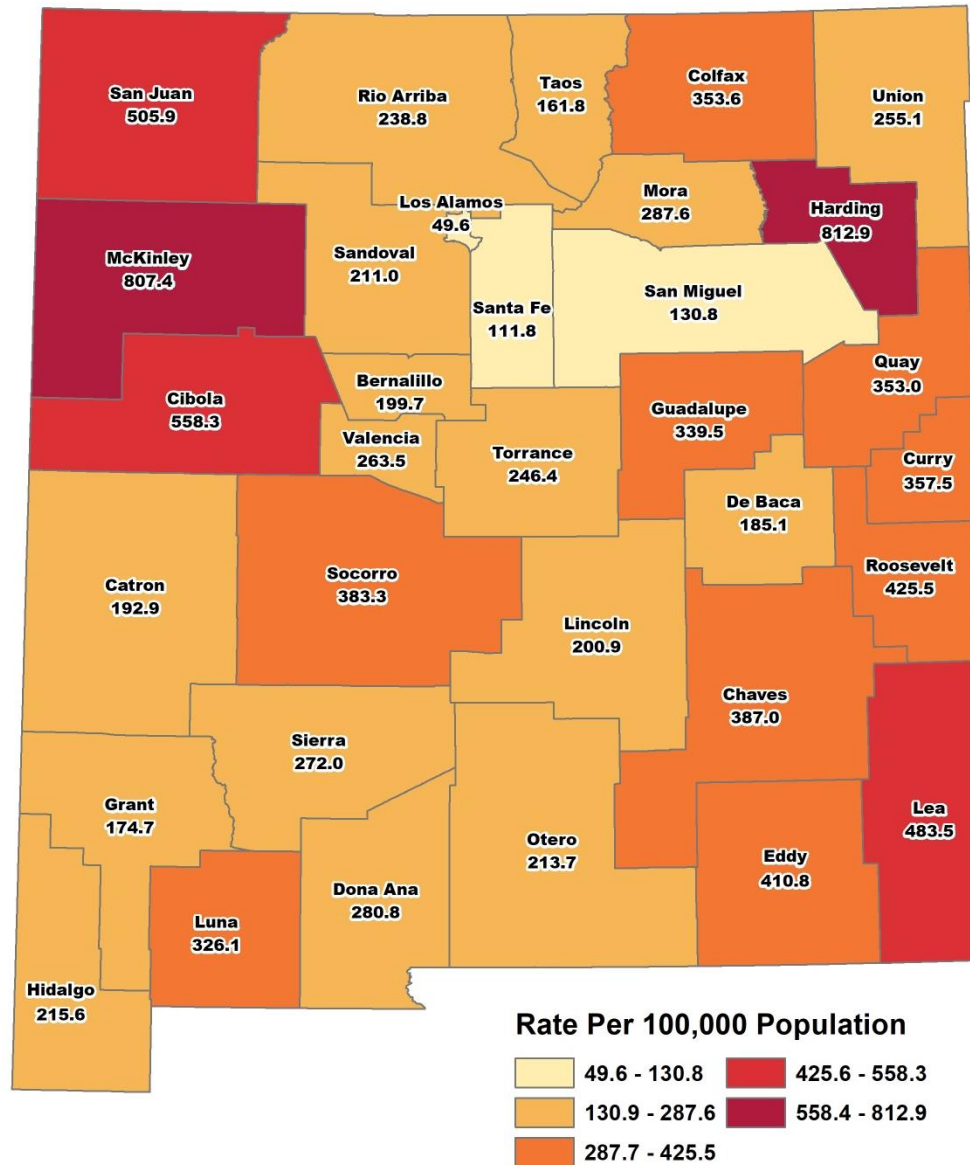
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



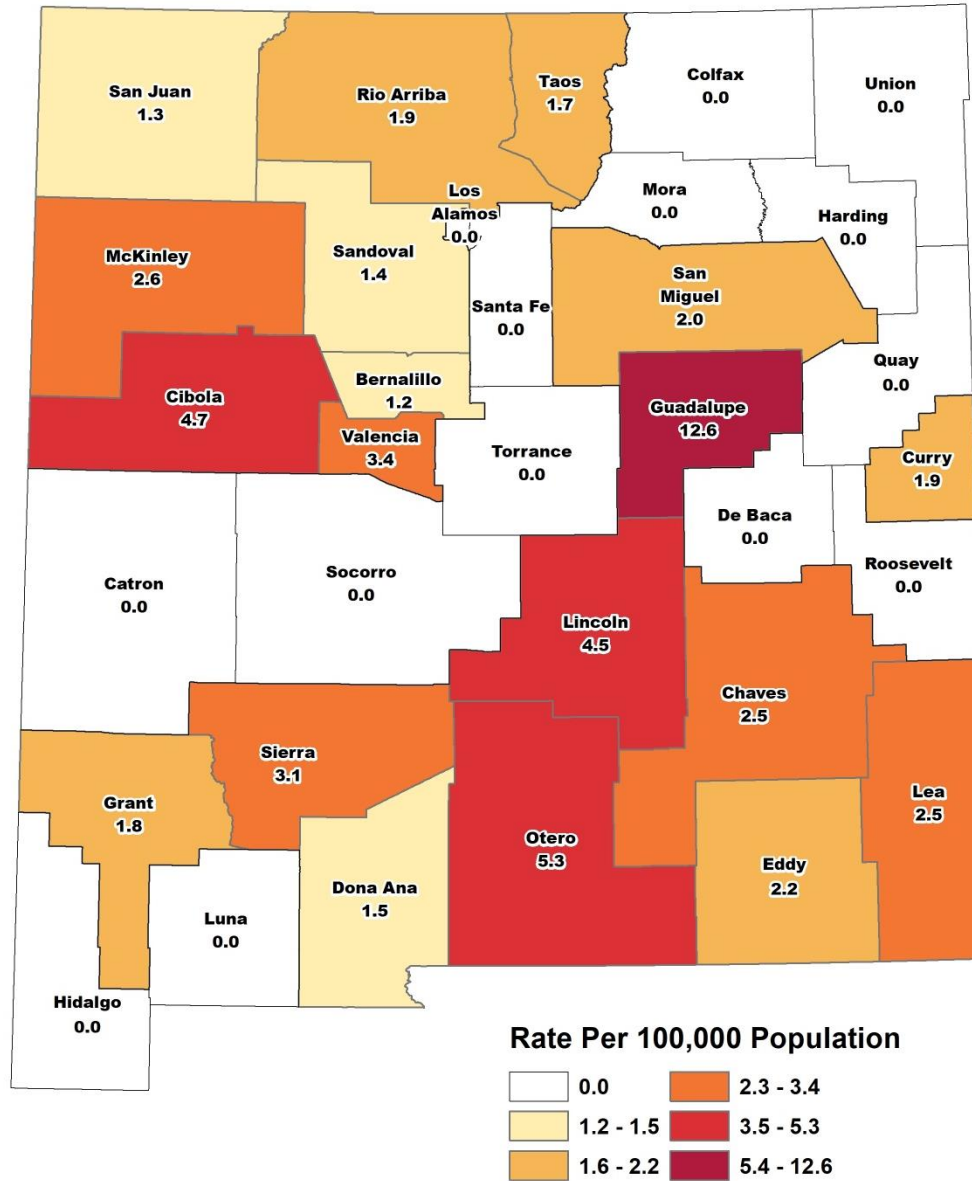
Age-adjusted Mortality rate among AI/AN by Month of 1st Positive Test



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

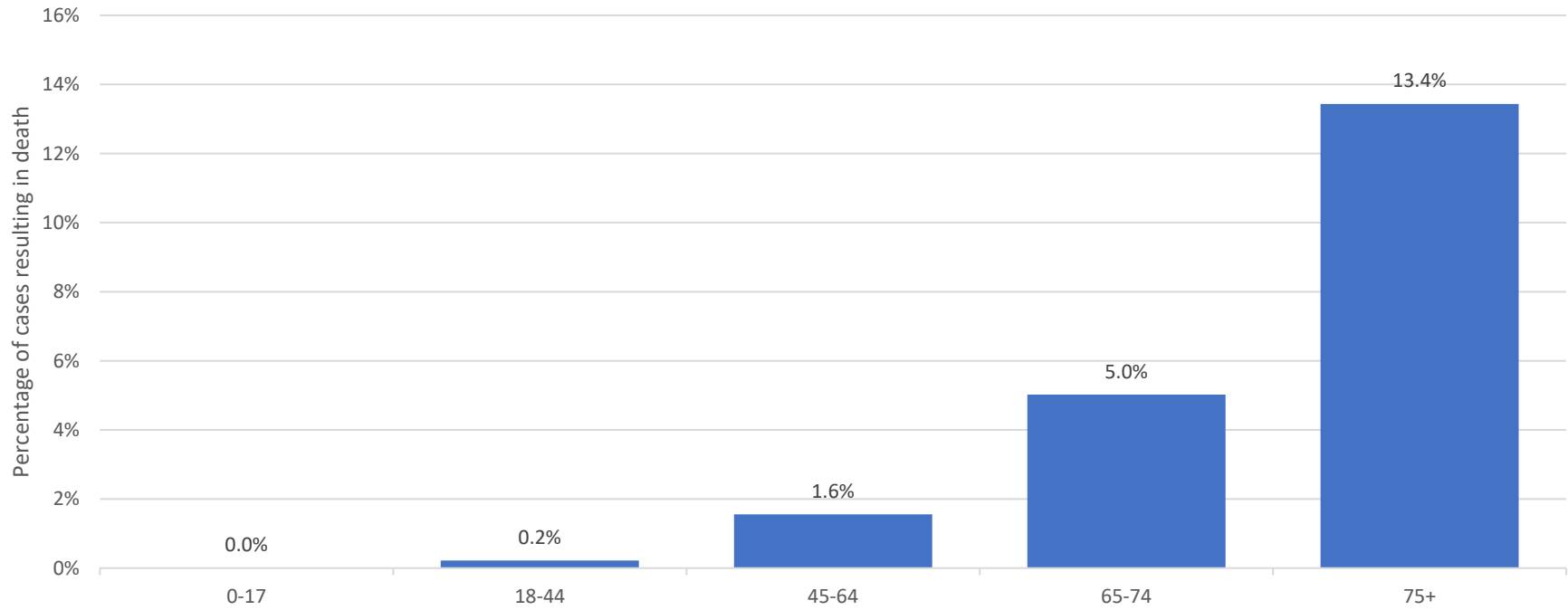


Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

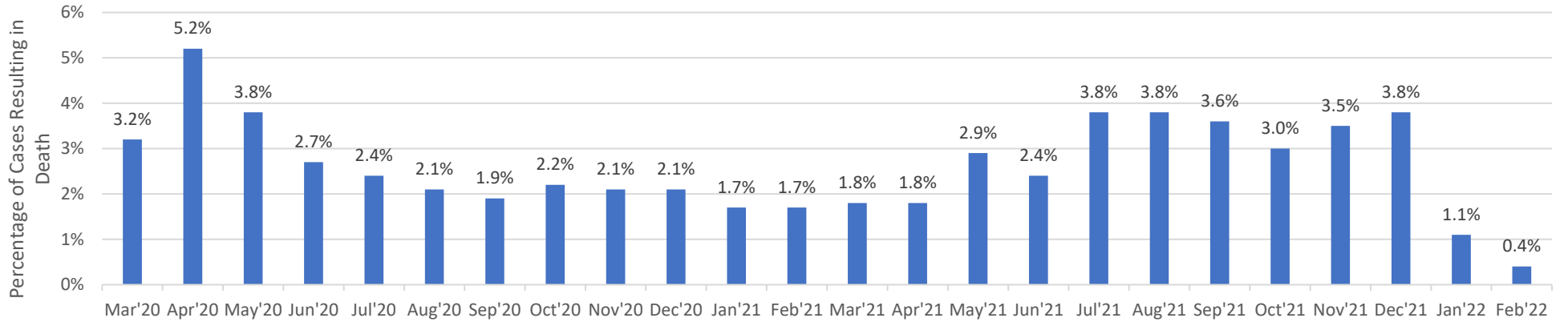


SECTION 3: CASE FATALITY RATES

Case Fatality Rate by Age Group



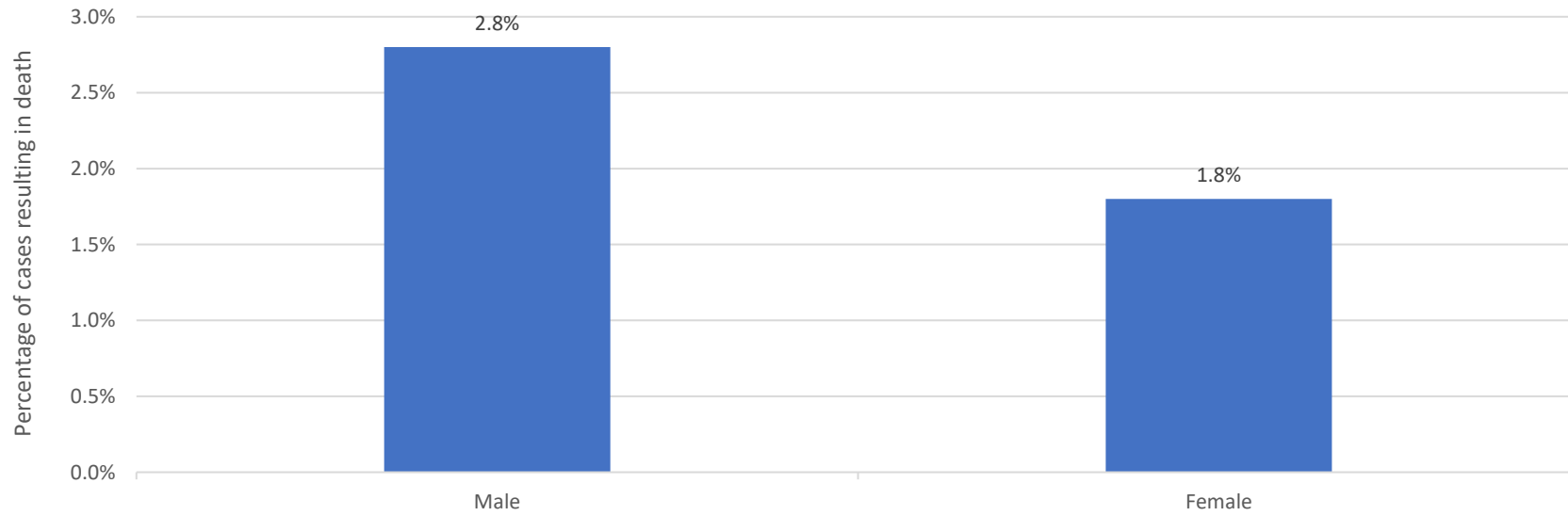
Age-adjusted* Case Fatality Rate by Month of 1st Positive Test



*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>

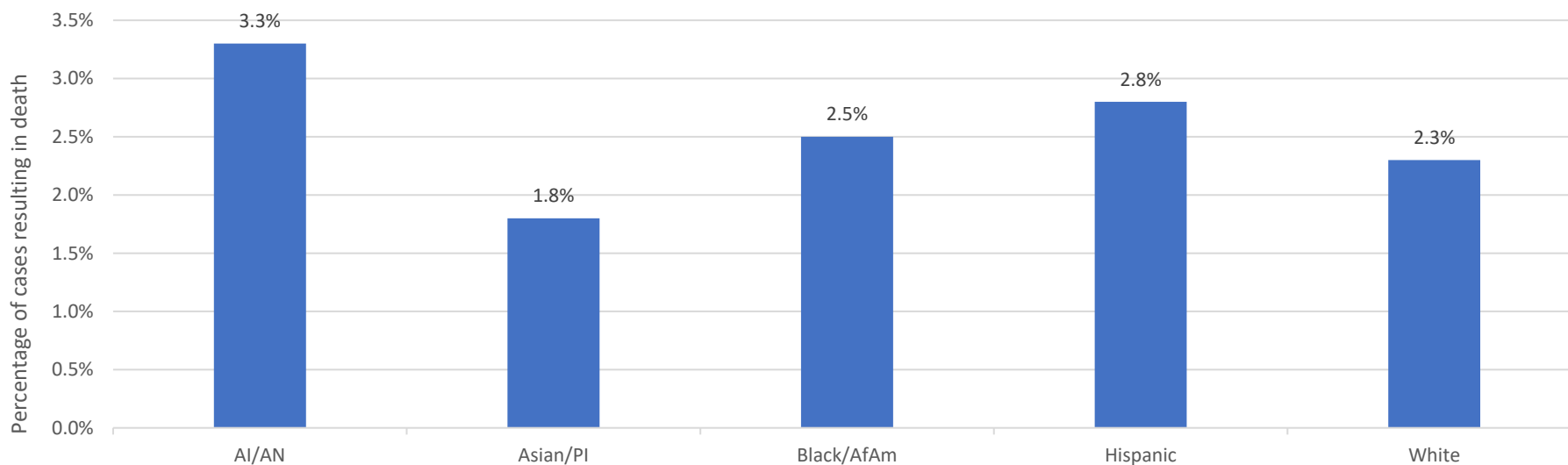
Age-adjusted* Case Fatality Rate by Gender



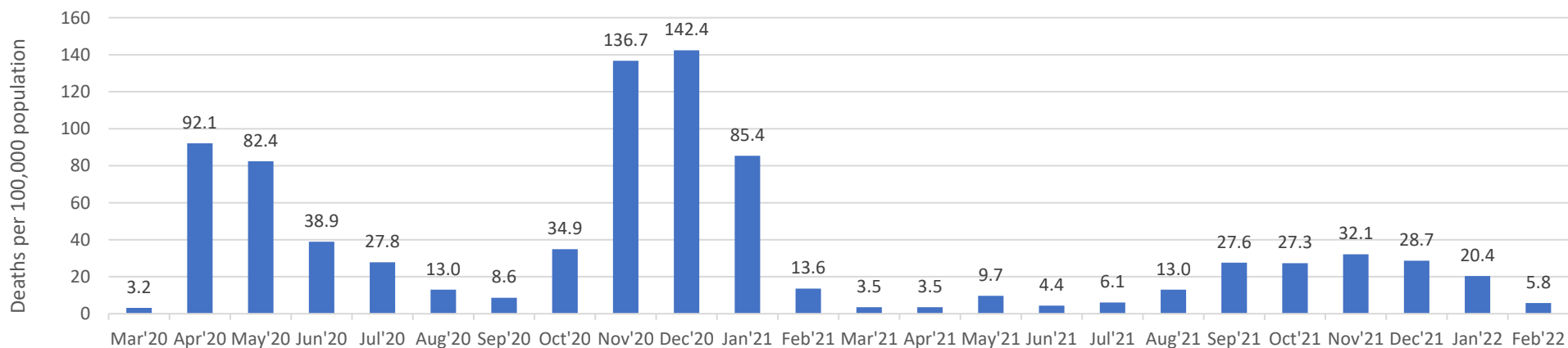
*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.

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

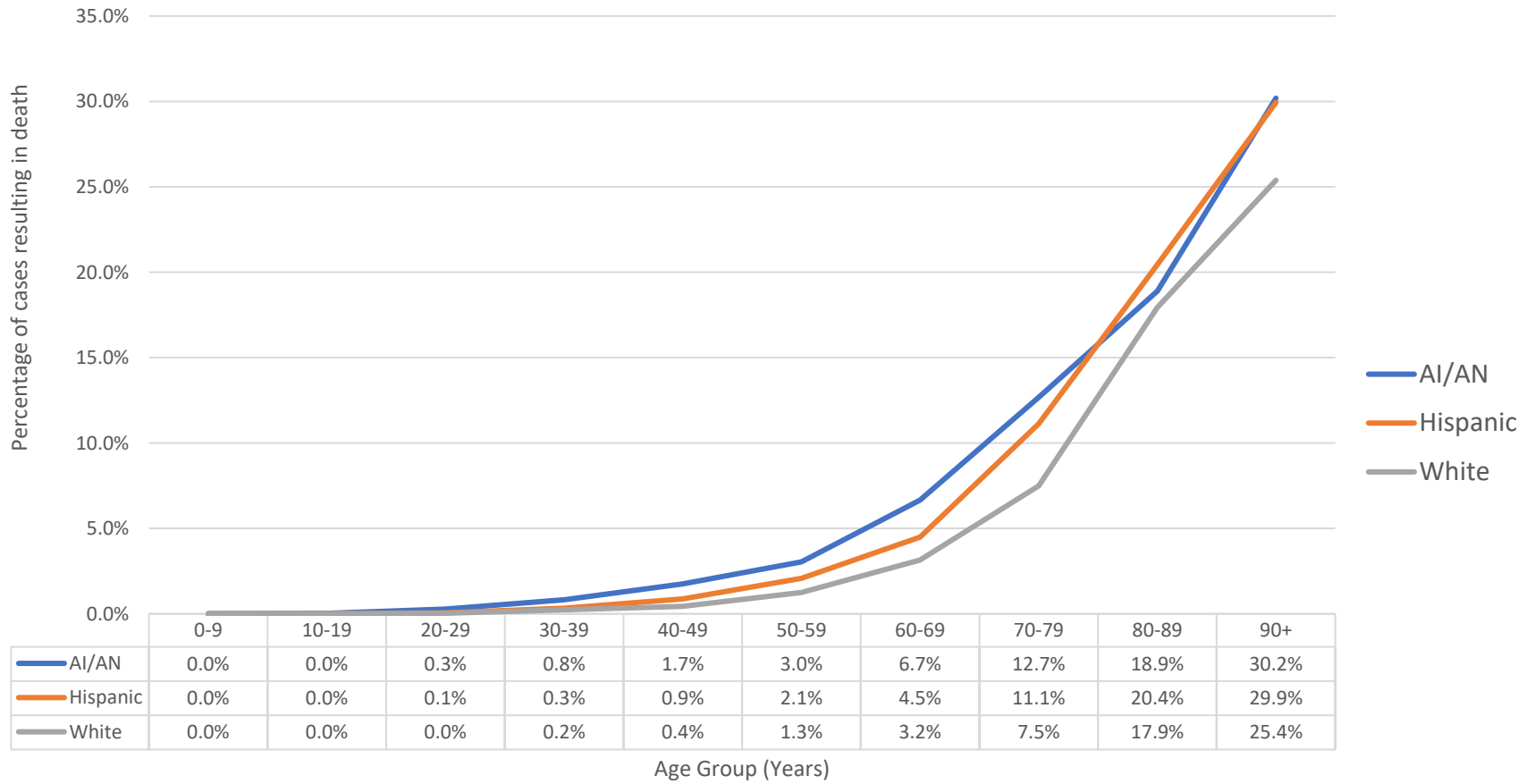
Age-adjusted* Case Fatality Rate by Race/Ethnicity



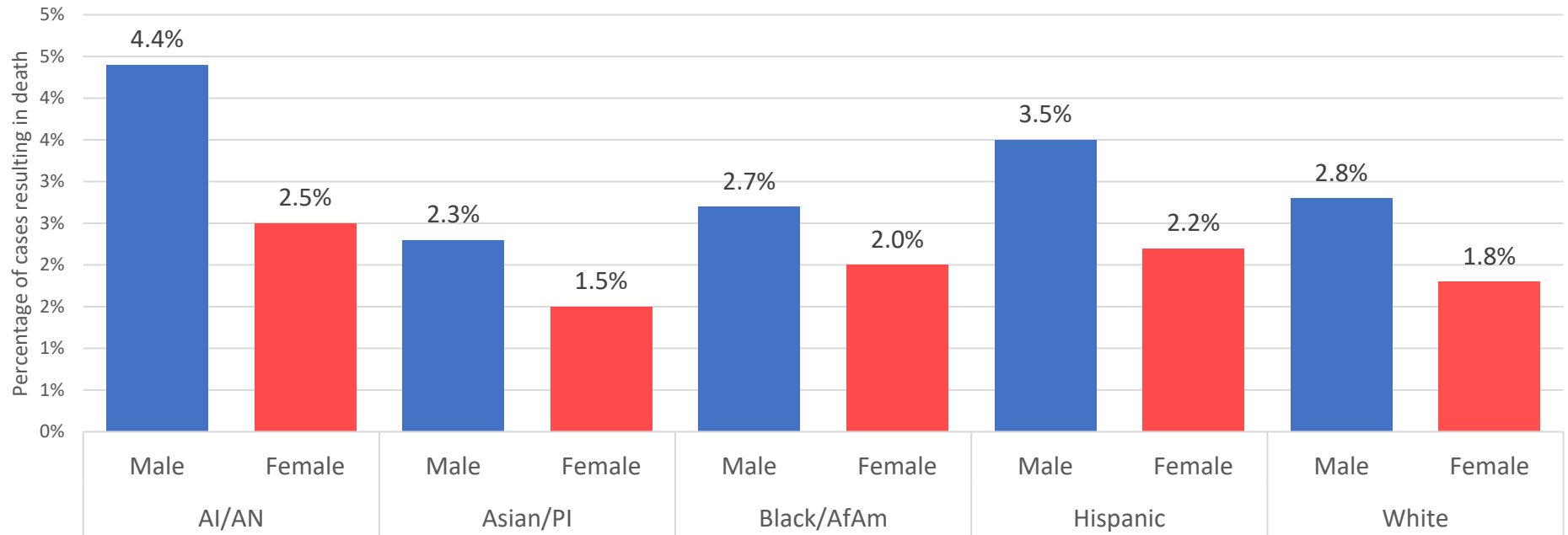
Age-adjusted* Case Fatality Rate Among AI/AN, by Month of 1st Positive Test



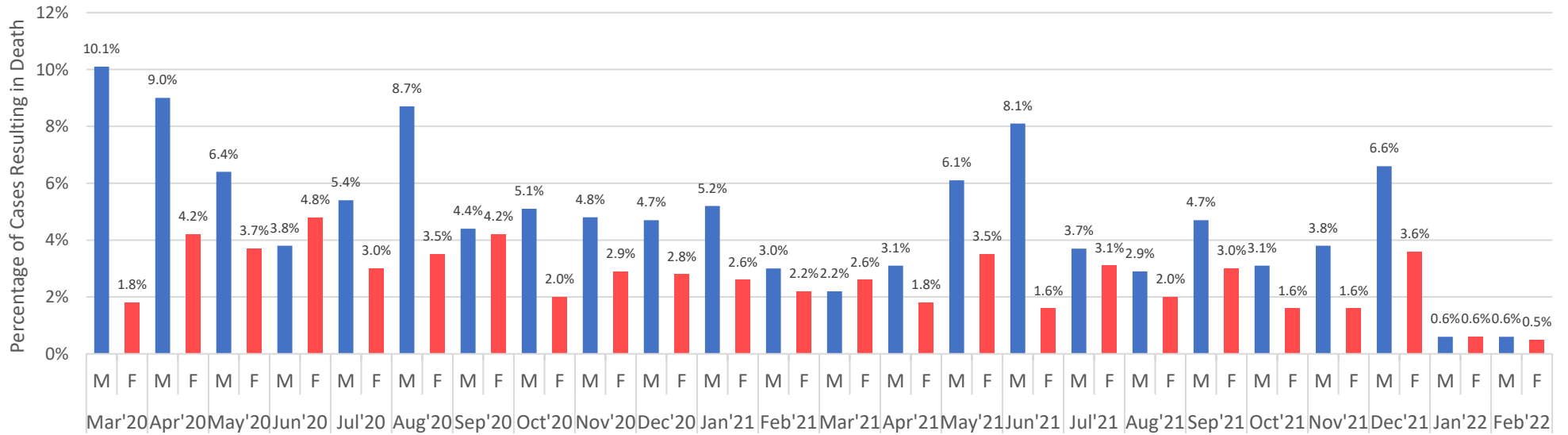
Case Fatality Rate by Race/Ethnicity and Age Group



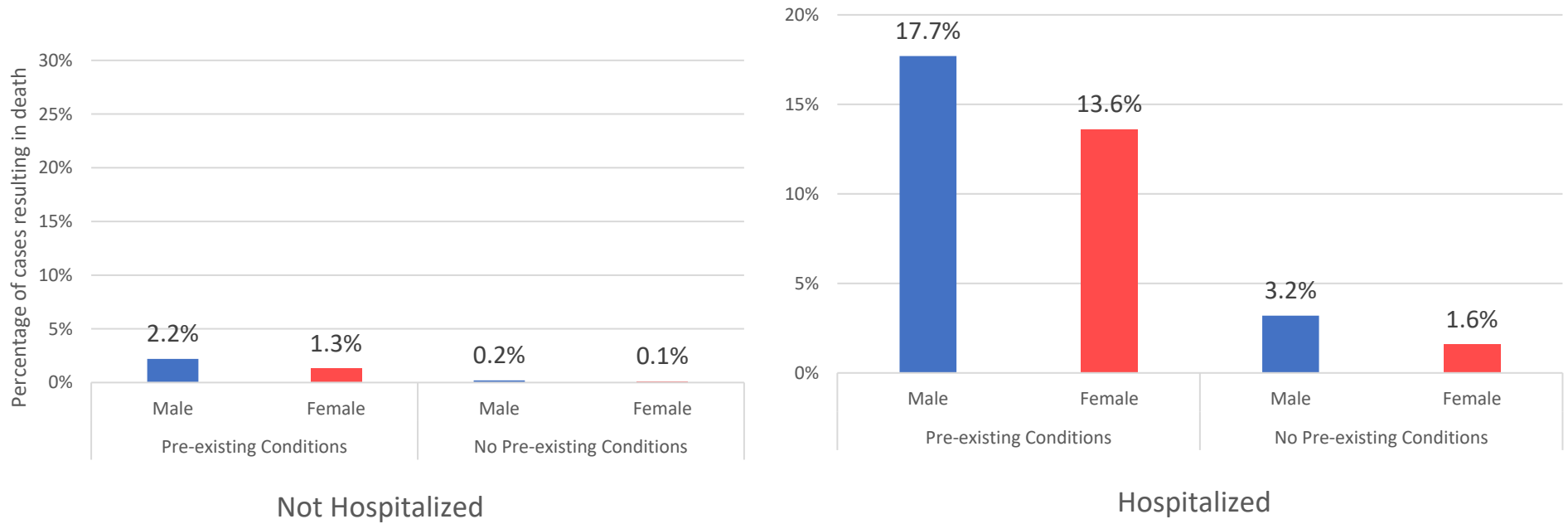
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender



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 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.