

NEW MEXICO COVID-19 MORTALITY UPDATE

March 13th, 2023

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

Total Deaths

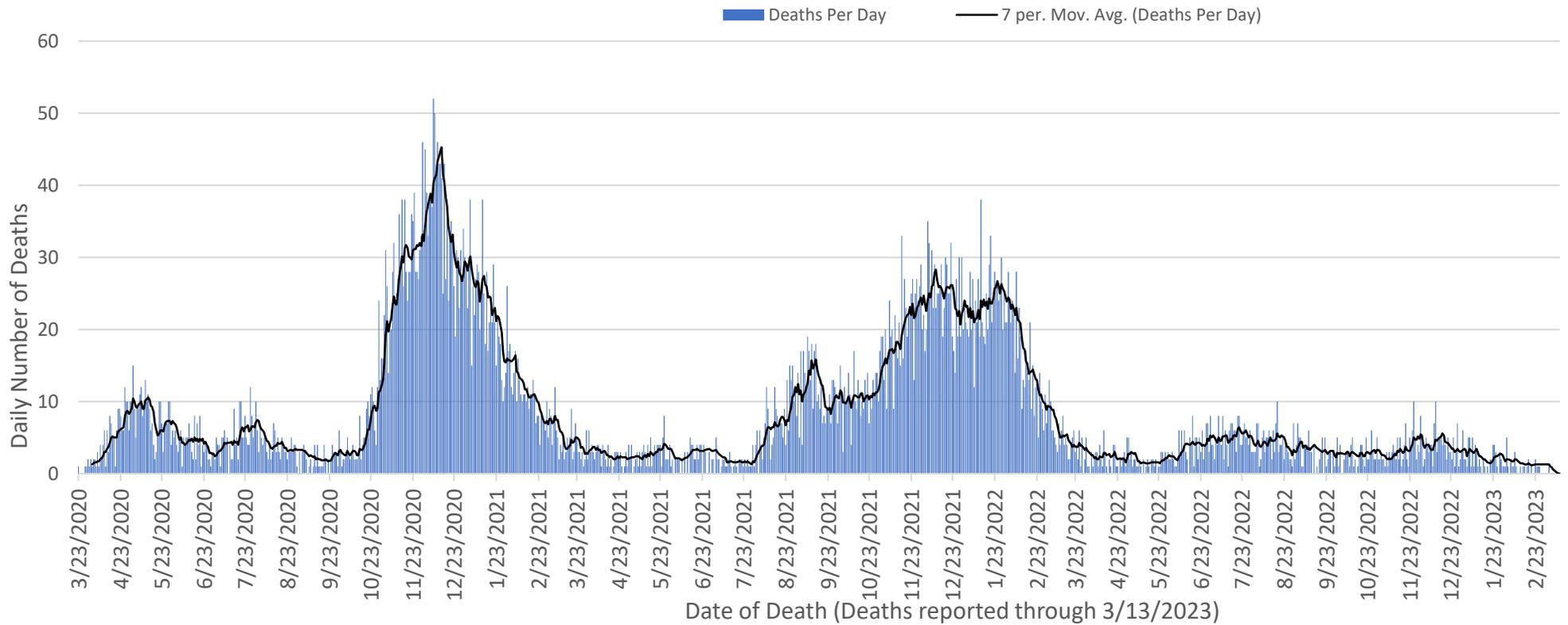
9,071

Deaths in the Last 14 Days

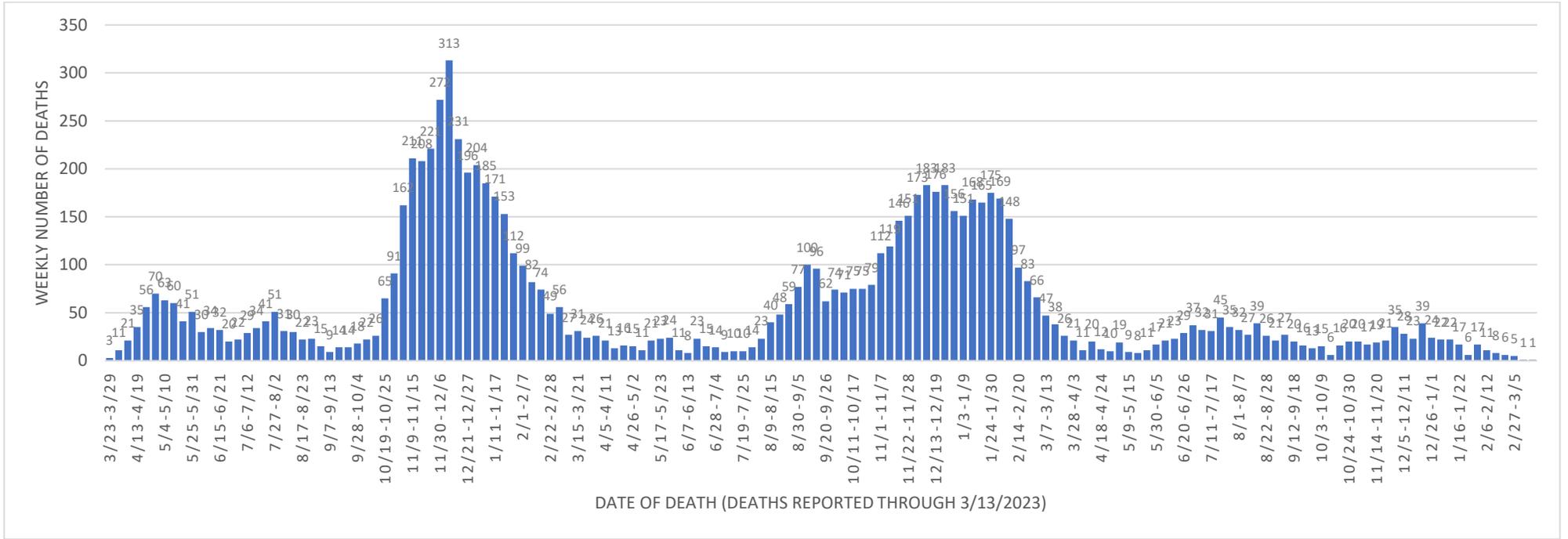
2

SECTION 1: DEATH COUNTS

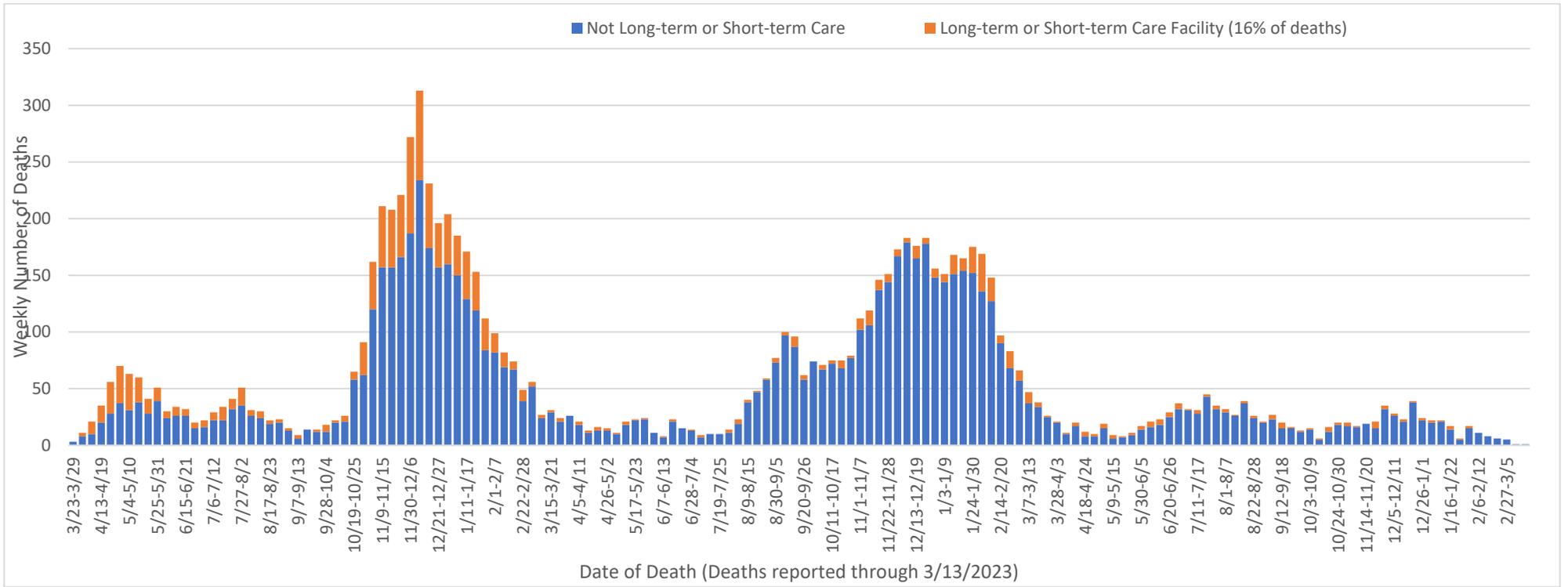
Daily Number of Deaths and 7-day Moving Average



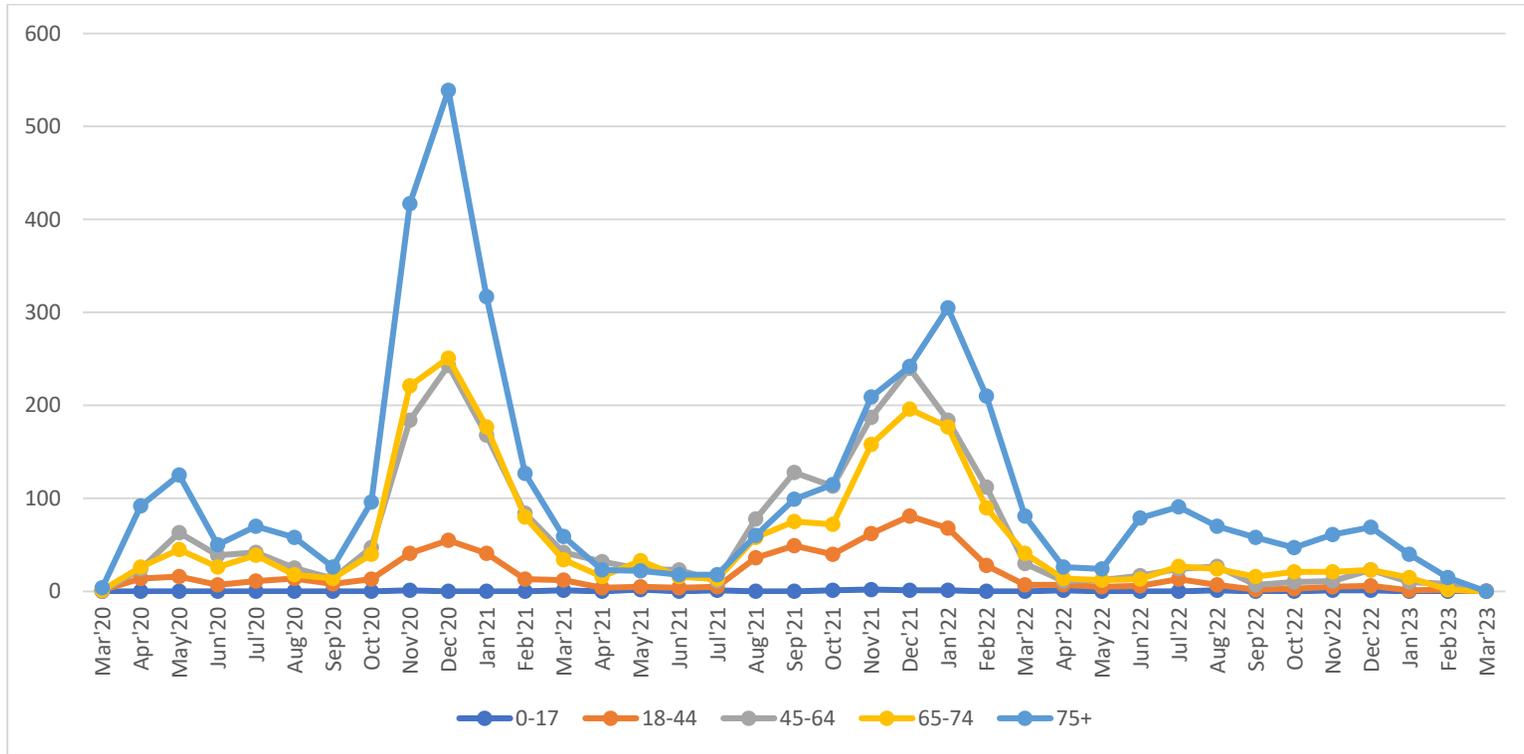
Number of Deaths Each Week



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



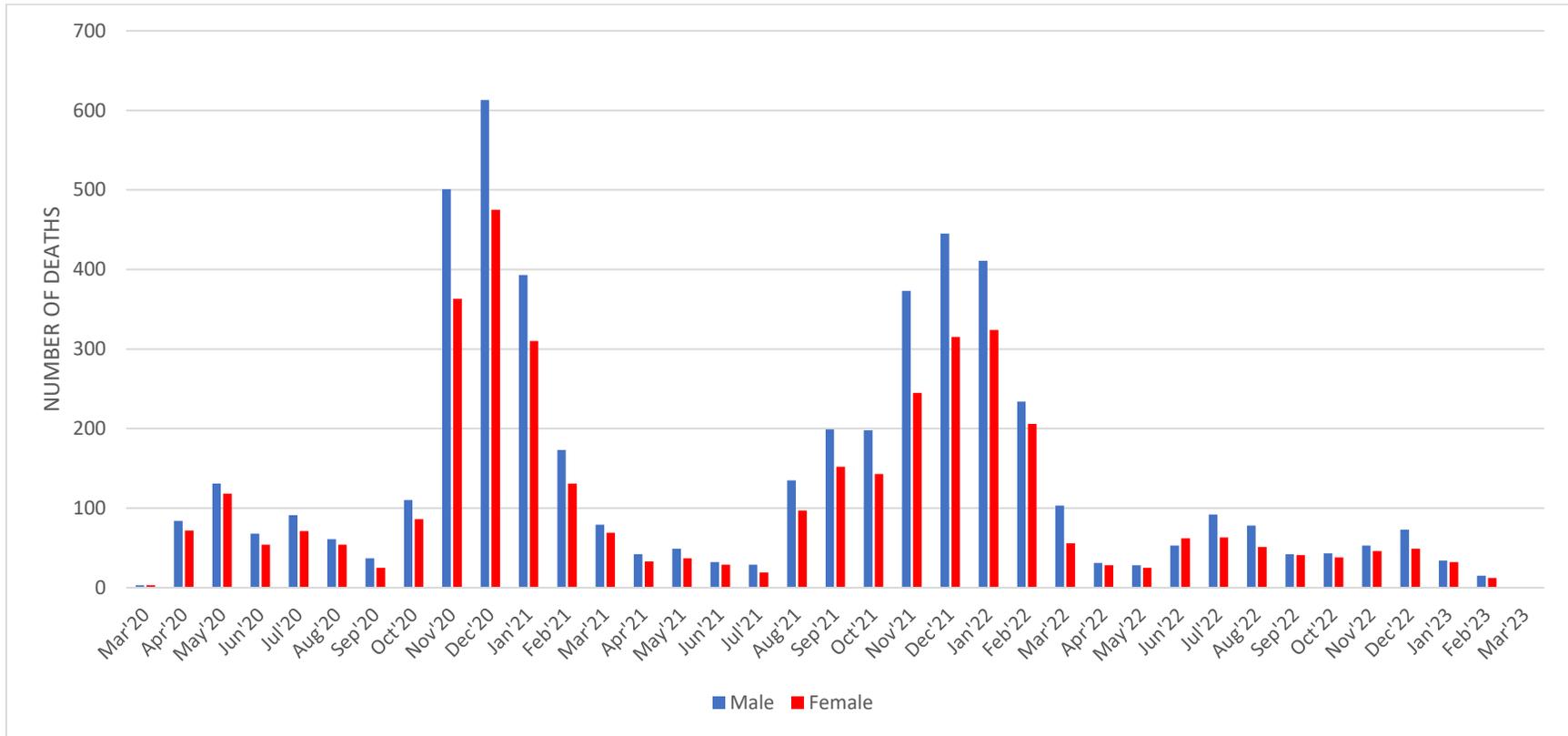
Number of Deaths by Age Group Each Month



Age Group (years)	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
0-17	10	0	1	0	0	0	1	0	0	1	1	0	0	0	14
18-44	628	7	7	5	6	13	7	2	3	5	6	1	2	0	692
45-64	2107	30	11	12	17	24	27	7	10	11	23	10	8	0	2297
65-74	1876	41	14	12	13	27	24	16	21	21	23	15	2	0	2105
75+	3301	81	26	24	79	91	70	58	47	61	69	40	15	1	3963
Total	7922	159	59	53	115	155	129	83	81	99	122	66	27	1	9071

¹ – The subtotal column includes deaths from March 2020 through February 2022.

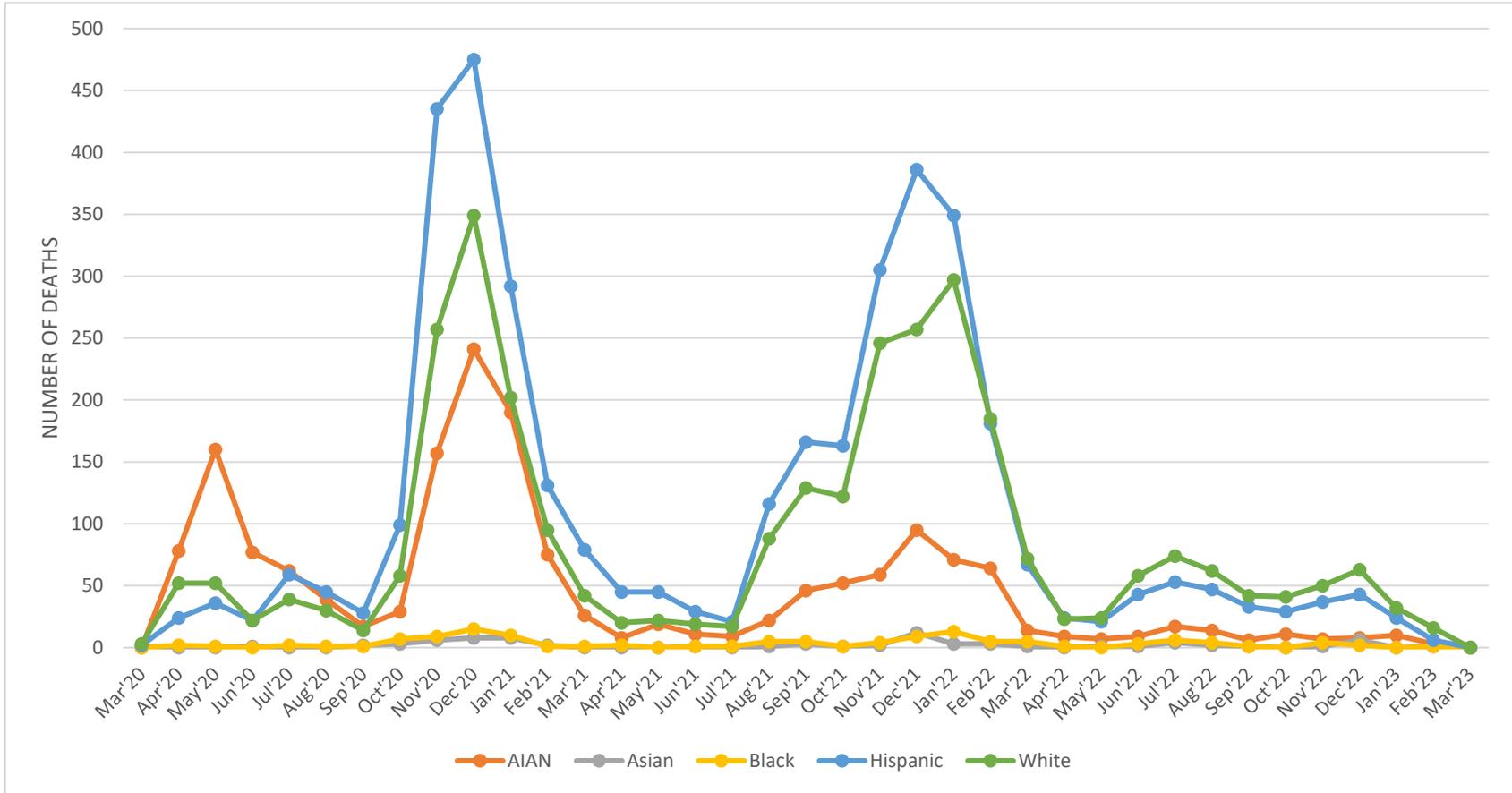
Number of Deaths by Gender Each Month



Gender	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
Female	3431	56	28	25	62	63	51	41	38	46	49	32	12	0	3934
Male	4491	103	31	28	53	92	78	42	43	53	73	34	15	1	5137
Total	7922	159	59	53	115	155	129	83	81	99	122	66	27	1	9071

¹ – The subtotal column includes deaths from March 2020 through February 2022.

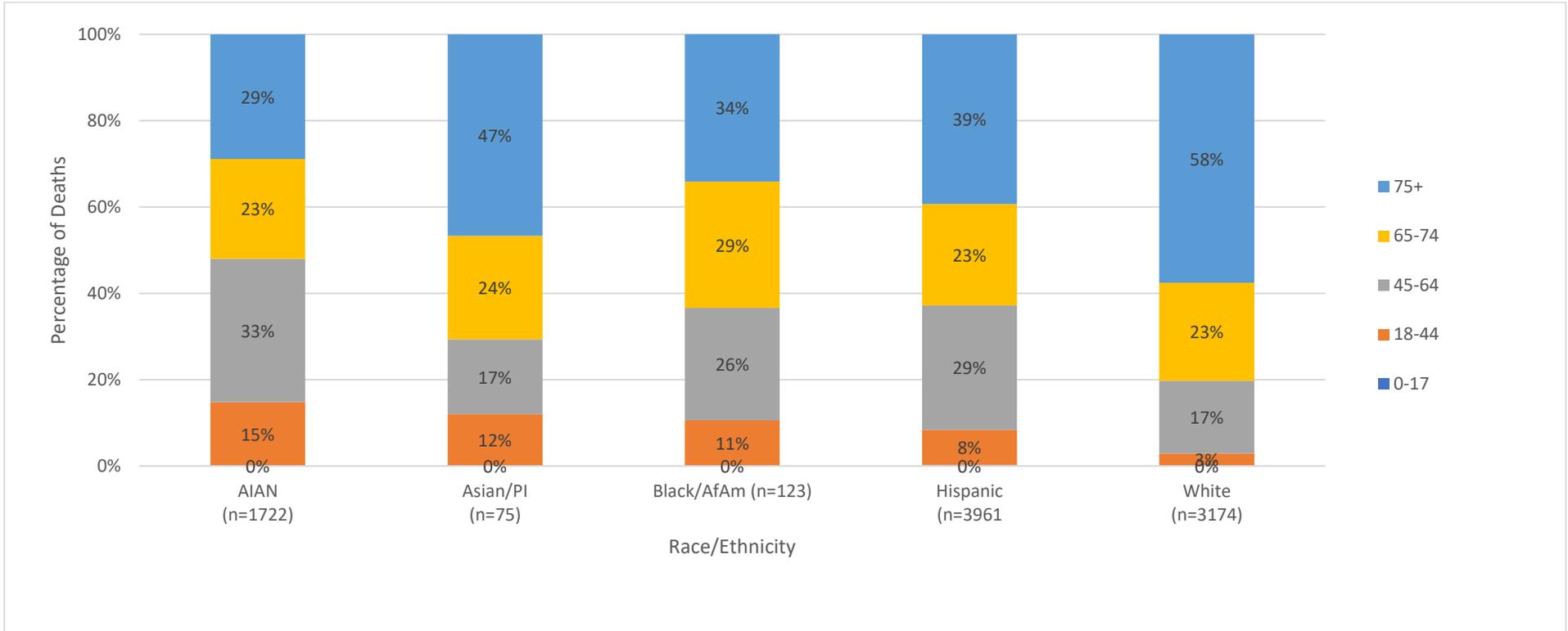
Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
AIAN	1607	14	9	7	9	17	14	6	11	7	8	10	3	0	1722
Asian	57	1	0	1	1	4	2	1	0	1	6	0	1	0	75
Black	96	5	1	0	3	6	4	1	0	4	2	0	1	0	123
Hispanic	3533	67	24	21	43	53	47	33	29	37	43	24	6	1	3961
White	2617	72	23	24	58	74	62	42	41	50	63	32	16	0	3174

¹ – The subtotal column includes deaths from March 2020 through February 2022.

Percentage of Deaths by Race/Ethnicity and Age Group

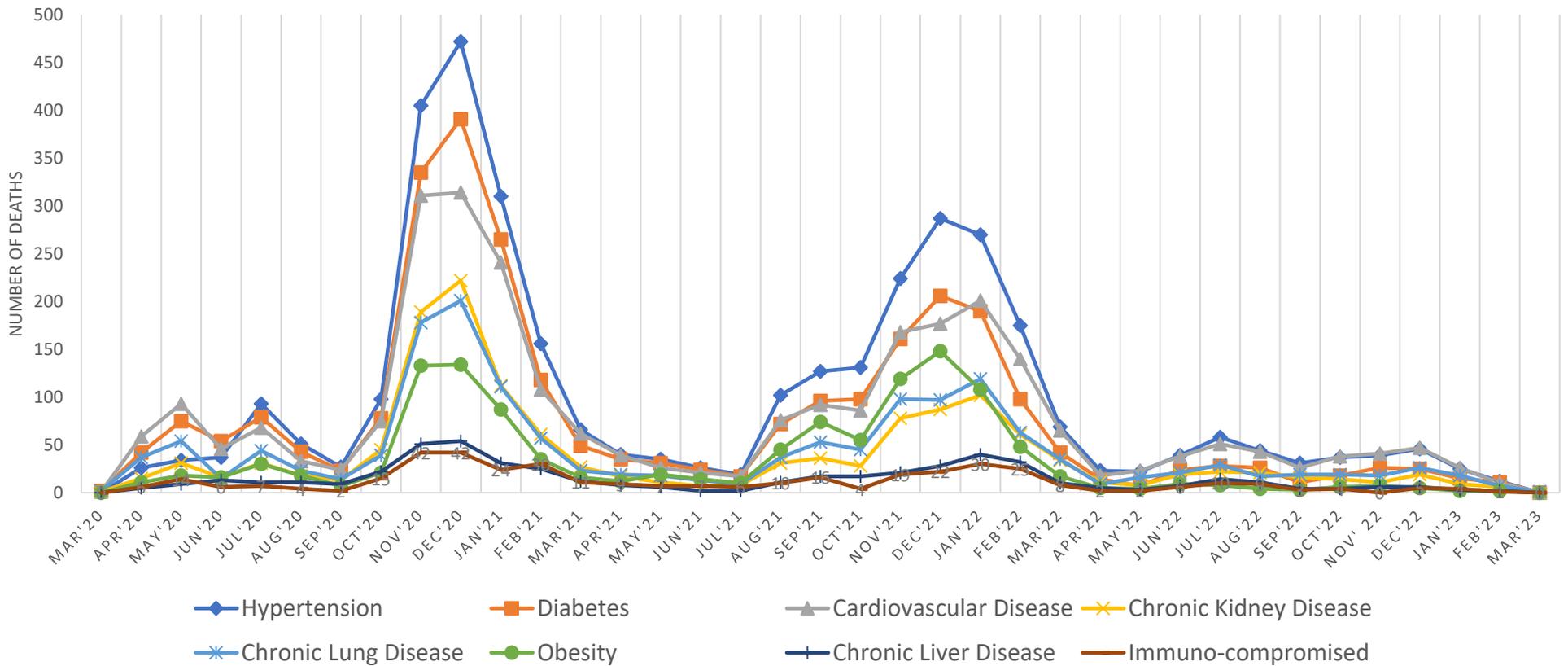


Number of deaths by New Mexico County of residence each month

County of Residence	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
Bernalillo	1884	47	16	14	50	52	39	23	28	40	32	16	10	0	2251
Dona Ana	840	15	5	7	5	19	10	10	4	1	14	6	1	0	937
San Juan	786	10	9	2	3	10	12	5	5	12	7	4	1	0	866
McKinley	608	6	1	1	2	9	7	5	4	3	5	4	1	0	656
Sandoval	441	10	4	4	6	7	8	7	4	5	11	3	3	0	513
Lea	378	7	4	0	1	4	6	5	1	0	2	1	0	0	409
Santa Fe	294	10	3	7	17	9	15	6	11	11	9	6	3	0	401
Chaves	335	10	0	2	1	2	5	1	0	1	0	4	1	0	362
Eddy	300	8	2	1	1	3	1	6	0	0	4	0	1	0	327
Valencia	270	9	3	2	2	7	6	2	6	8	5	4	1	0	325
Curry	219	0	4	3	2	2	1	1	0	1	1	1	0	0	235
Otero	197	2	1	1	5	4	4	3	3	1	6	1	1	0	229
Cibola	195	4	0	1	2	2	0	1	3	3	0	1	1	0	213
Rio Arriba	140	4	1	1	1	5	5	1	1	3	4	1	1	0	168
Luna	134	4	2	0	2	2	3	1	0	0	2	2	1	0	153
Grant	97	2	1	1	4	2	1	0	1	2	3	2	0	1	117
Roosevelt	106	1	1	0	0	0	1	1	0	0	1	0	0	0	111
Taos	92	0	0	1	3	1	0	2	4	3	1	1	0	0	108
Socorro	91	0	0	0	3	3	1	0	0	2	1	1	0	0	102
San Miguel	65	2	2	2	0	4	1	0	1	0	7	3	0	0	87
Sierra	80	0	0	1	2	1	0	1	1	0	0	1	0	0	87
Lincoln	70	0	0	0	0	1	0	0	0	1	2	1	0	0	75
Colfax	66	1	0	0	0	1	0	0	2	0	0	2	0	0	72
Quay	64	1	0	0	1	2	0	1	0	0	1	0	0	0	70
Torrance	58	1	0	0	0	1	0	0	1	0	1	0	0	0	62
Los Alamos	15	1	0	0	2	2	3	0	0	0	2	0	0	0	25
Catron	20	1	0	1	0	0	0	0	0	1	0	0	0	0	23
Mora	18	1	0	1	0	0	0	0	0	1	1	0	0	0	22
Union	17	1	0	0	0	0	0	0	1	0	0	0	0	0	19
Guadalupe	17	0	0	0	0	0	0	1	0	0	0	0	0	0	18
Hidalgo	15	1	0	0	0	0	0	0	0	0	0	1	1	0	18
De Baca	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Harding	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	7922	159	59	53	115	155	129	83	81	99	122	66	27	1	9071

¹ – The subtotal column includes deaths from March 2020 through February 2022.

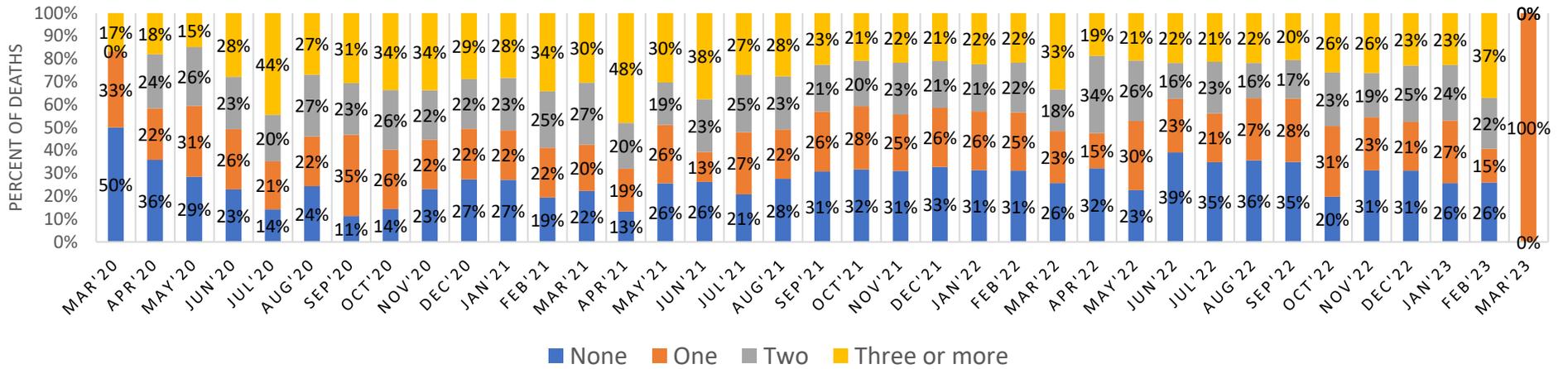
Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
Hypertension	3211	69	23	22	39	58	44	31	37	39	46	25	12	0	3656
Diabetes	2582	42	14	7	24	28	26	11	18	26	25	15	11	0	2829
Cardiovascular Disease	2478	65	18	23	38	51	43	26	38	41	47	26	10	0	2904
Chronic Kidney Disease	1247	34	11	8	19	22	21	16	14	11	19	9	6	0	1437
Chronic Lung Disease	1369	35	9	16	21	29	17	19	19	18	26	18	7	1	1604
Obesity	1178	17	5	4	9	8	4	3	6	7	5	2	2	0	1250
Chronic Liver Disease	437	10	5	3	7	14	11	4	4	6	6	3	2	0	512
Immuno-compromised	358	8	2	2	6	10	9	3	4	0	5	4	1	0	412

¹ – The subtotal column includes deaths from March 2020 through February 2022.

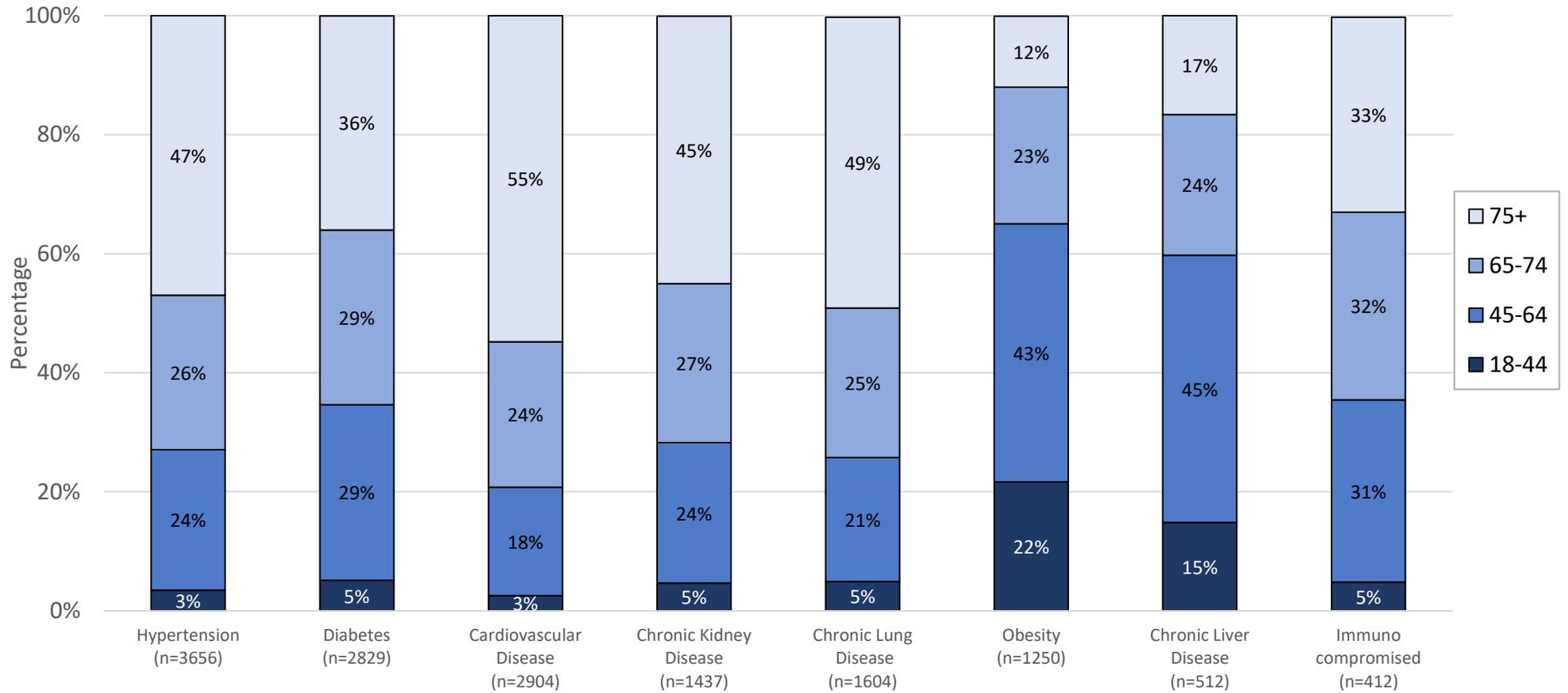
Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Subtotal ¹	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Total
None	2170	41	19	12	45	54	46	29	16	31	38	17	7	0	2525
One	1895	36	9	16	27	33	35	23	25	23	26	18	4	1	2171
Two	1753	29	20	14	18	35	20	14	19	19	30	16	6	0	1993
Three or more	2104	53	11	11	25	33	28	17	21	26	28	15	10	0	2382
Total	7922	159	59	53	115	155	129	83	81	99	122	66	27	1	9071

¹ – The subtotal column includes deaths from March 2020 through February 2022.

Percentage of Deaths by Underlying Condition and Age Group



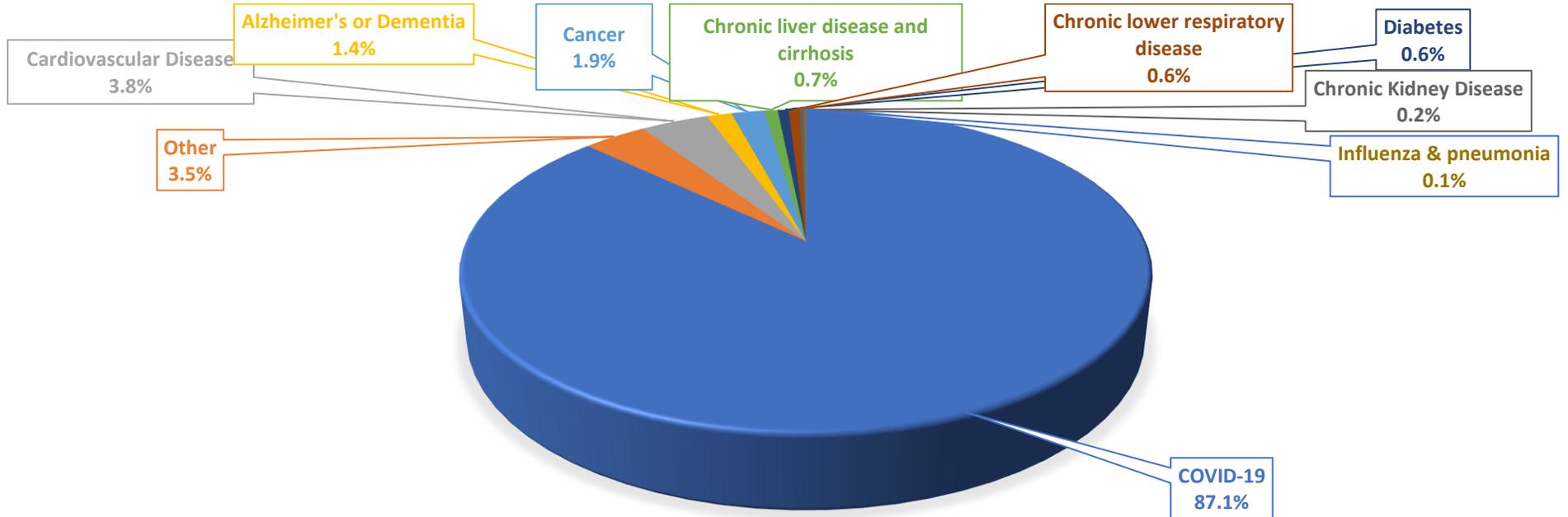
Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result ¹	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	8043	88.7%
Yes	No	328 ²	3.6%
No	Yes	700	7.7%
Total		9071	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.

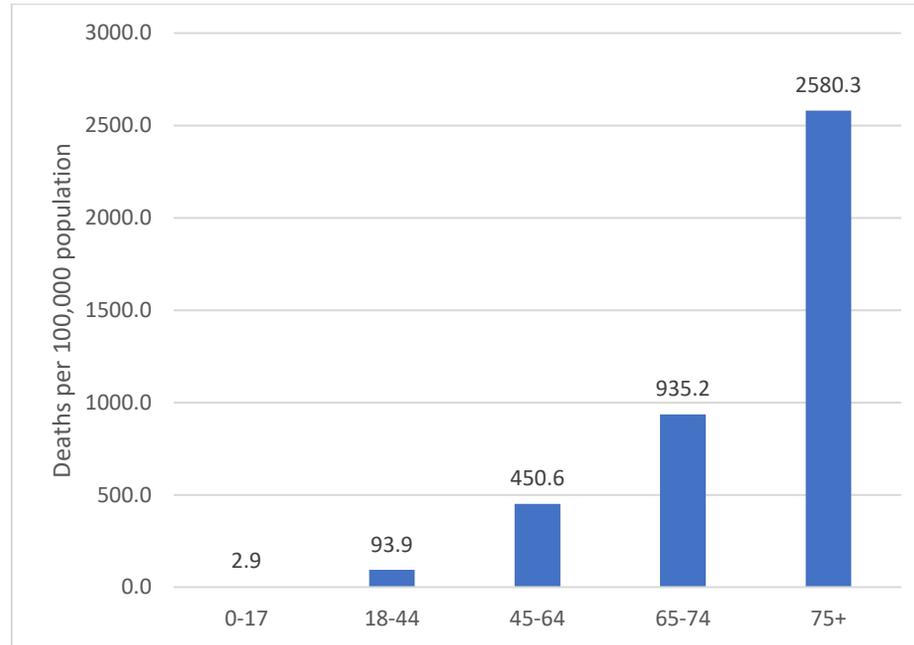
Number and percent of deaths by underlying cause of death on the death certificate



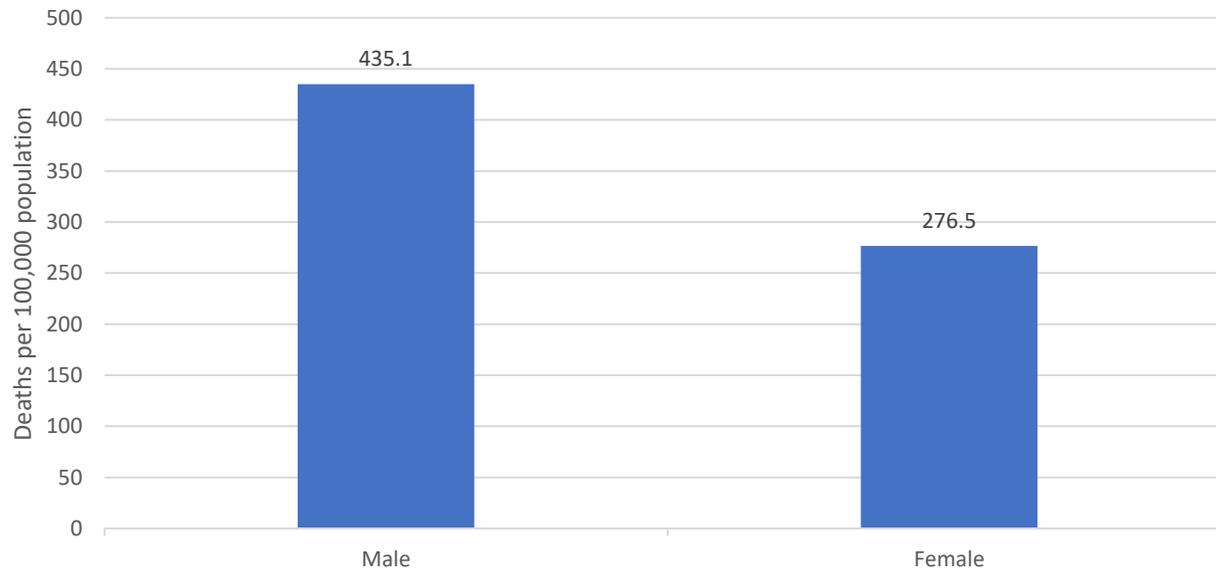
Underlying Cause	Number of Deaths*	Percent
COVID-19	7630	87.1%
Other	311	3.5%
Cardiovascular Disease	335	3.8%
Alzheimer's or Dementia	122	1.4%
Cancer	163	1.9%
Chronic liver disease and cirrhosis	65	0.7%
Diabetes	53	0.6%
Chronic lower respiratory disease	55	0.6%
Chronic Kidney Disease	21	0.2%
Influenza & pneumonia	9	0.1%
Total	8764	100.0%
*Excludes 307 (3%) deaths which have not yet been coded by the National Center for Health Statistics.		

SECTION 2: MORTALITY RATES

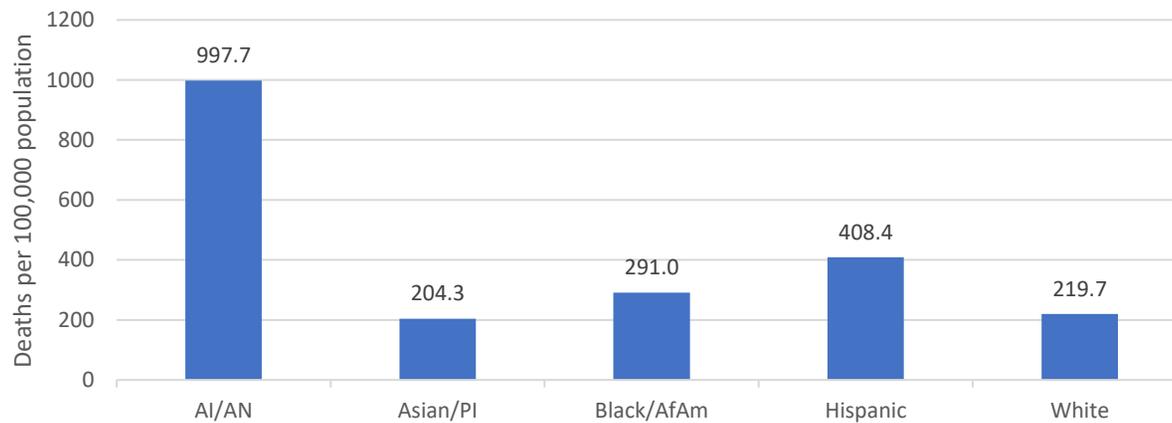
Mortality Rate per 100,000 Population by Age Group



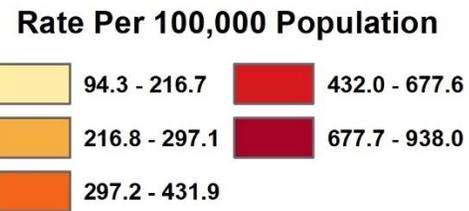
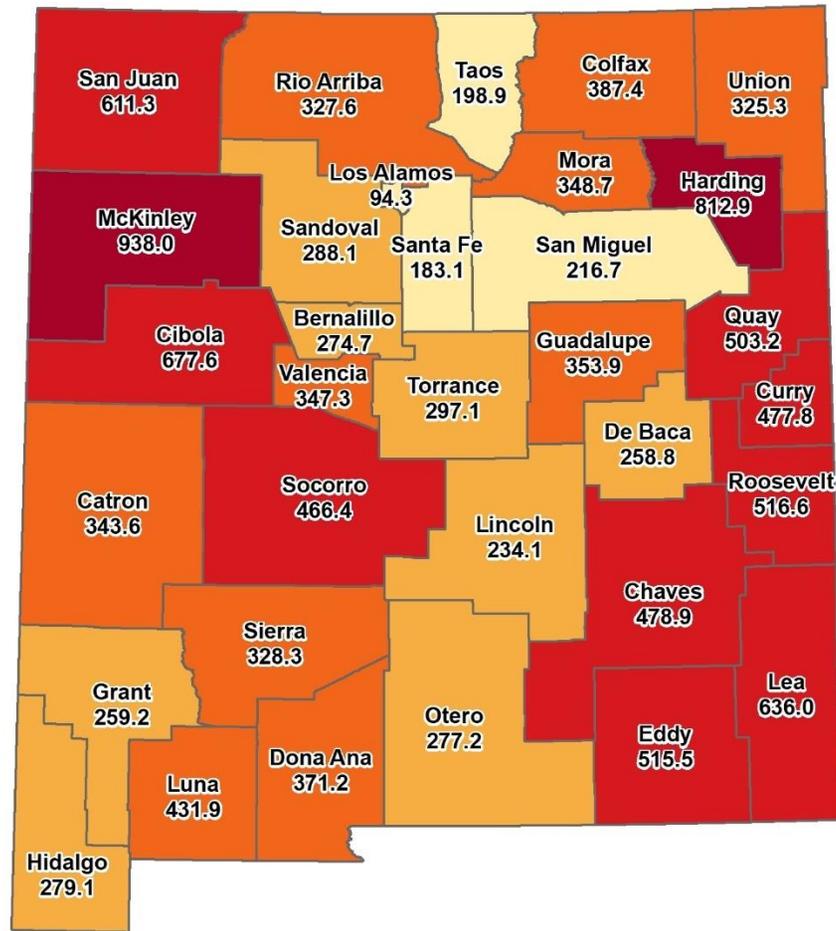
Age-adjusted Mortality Rate per 100,000 Population by Gender



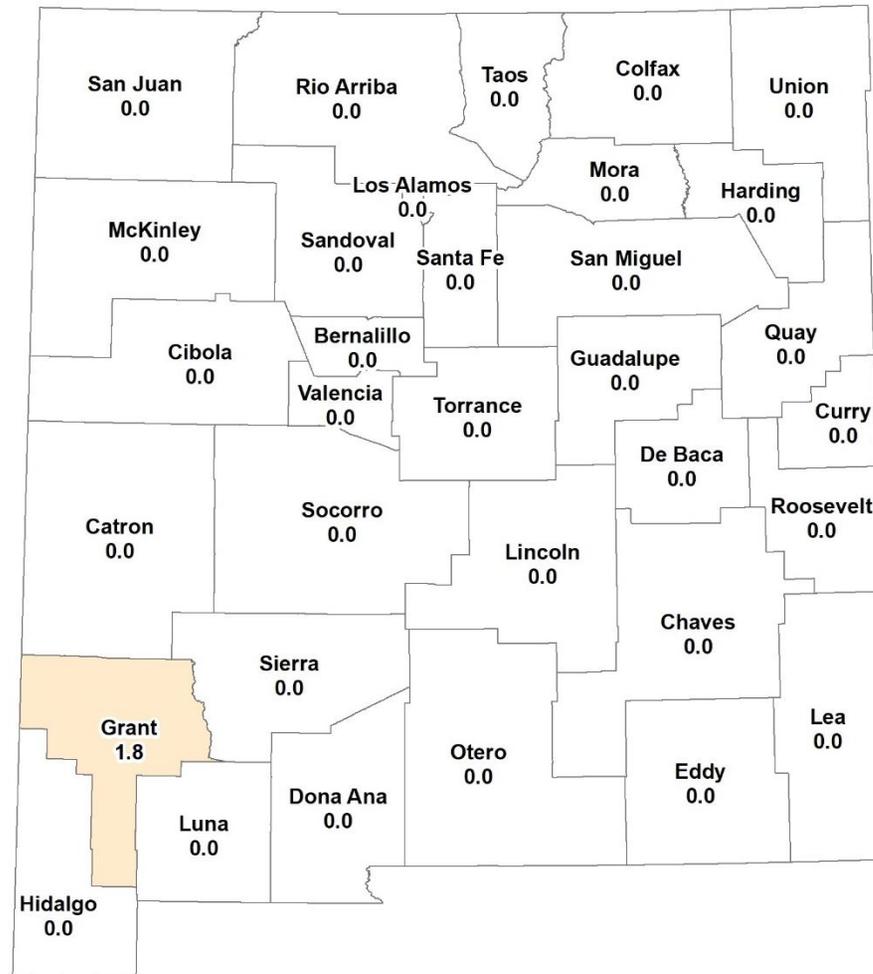
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



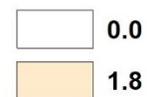
Age-adjusted Mortality Rate per 100,000 Population by New Mexico County



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

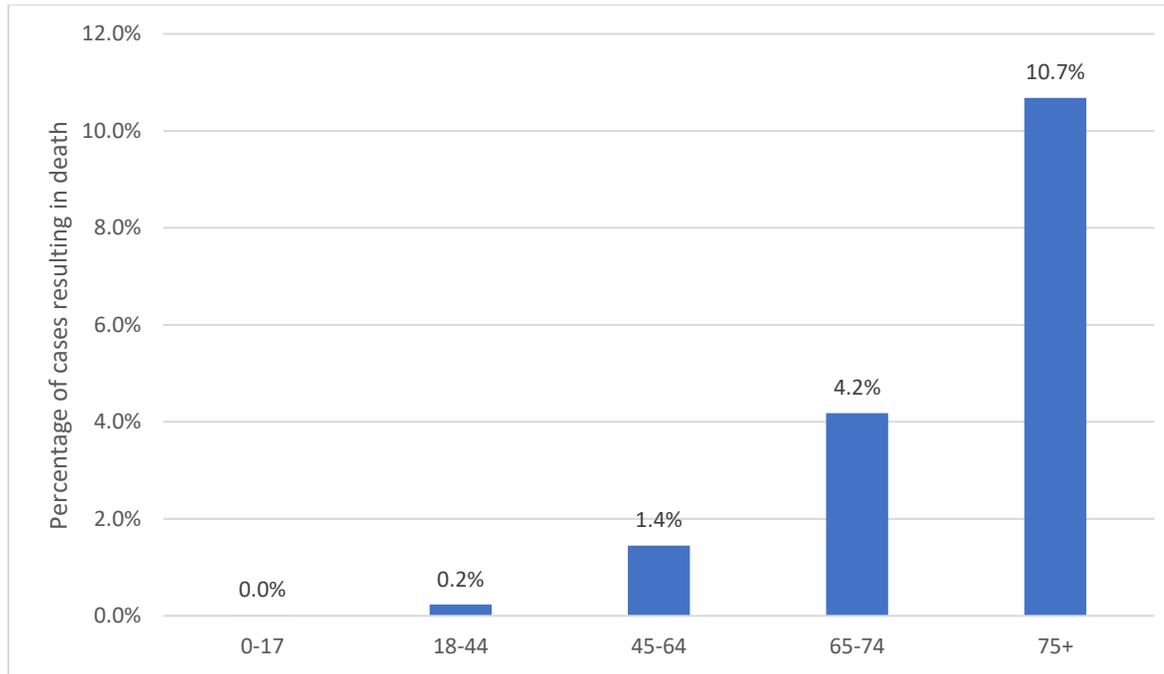


Rate Per 100,000 Population

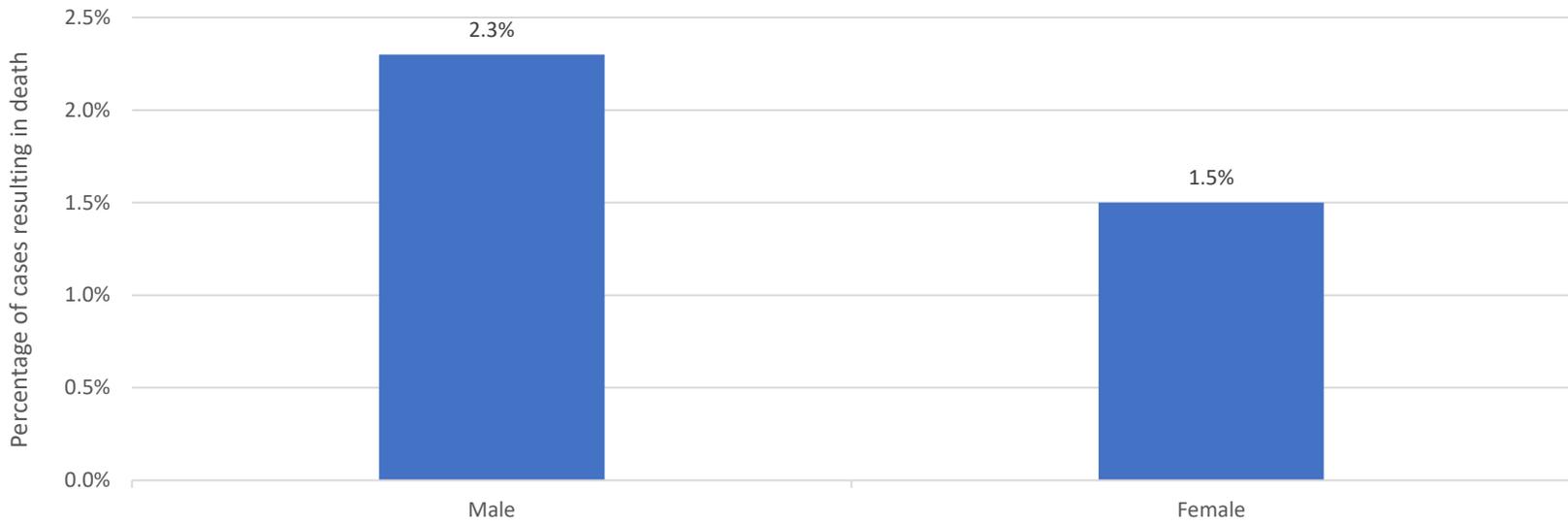


SECTION 3: CASE FATALITY RATES

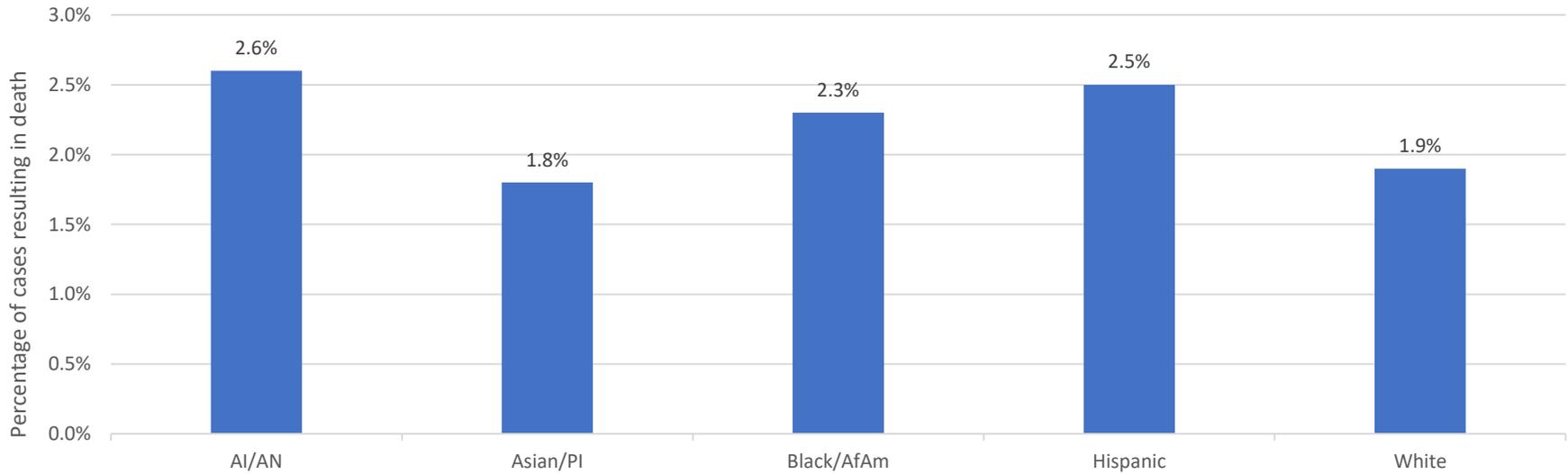
Case Fatality Rate by Age Group



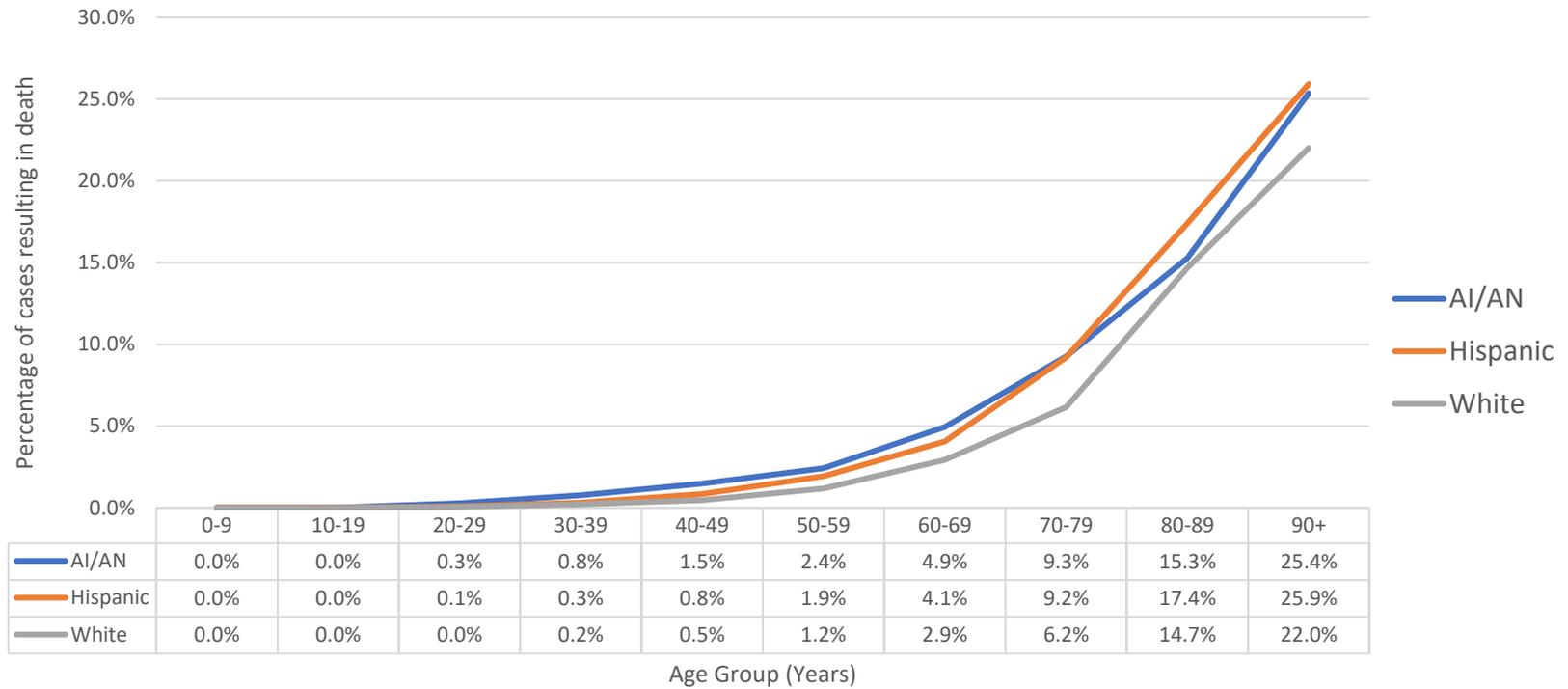
Age-adjusted* Case Fatality Rate by Gender



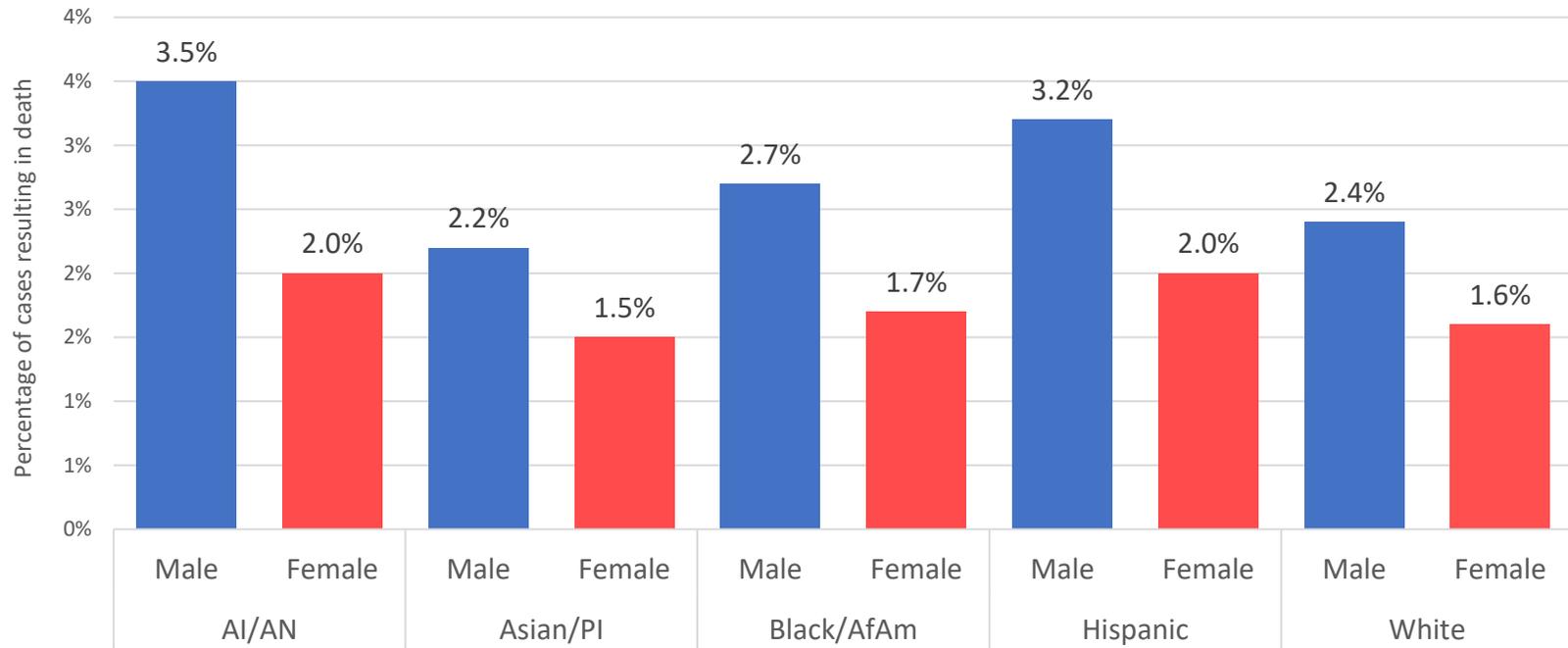
Age-adjusted* Case Fatality Rate by Race/Ethnicity



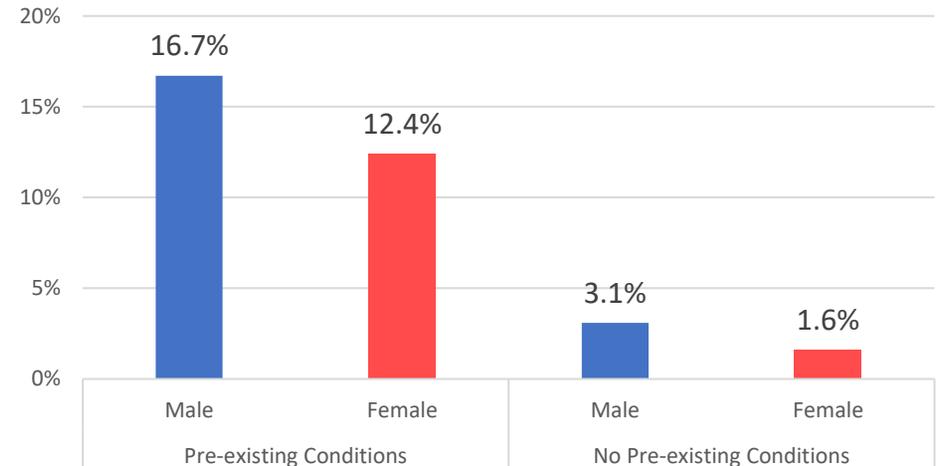
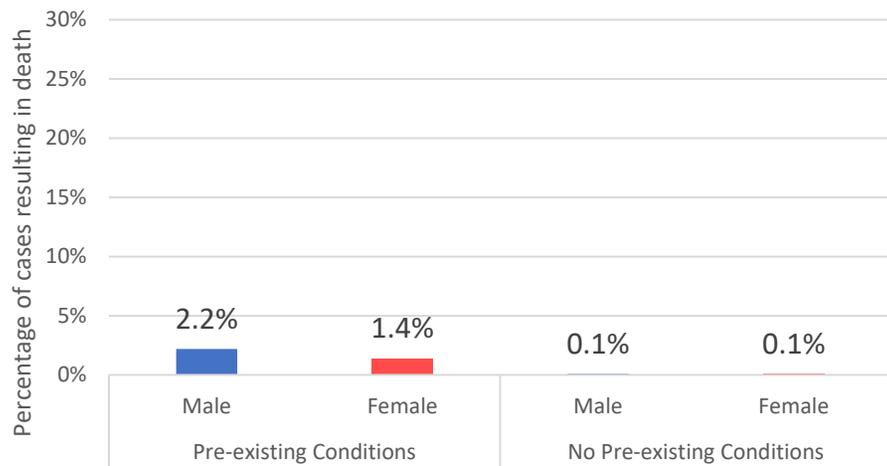
Case Fatality Rate by Race/Ethnicity and Age Group



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



Age-adjusted* Case Fatality Rate by Gender, Underlying Conditions, and Hospitalization Status



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. From May 12, 2020 through February 9, 2021 12 COVID-19 deaths were reported publicly following notification of a COVID-related death from a facility to NMDOH before receipt of the death certificate. Because death reporting is based on death

certificates and we did not subsequently receive a death certificate associated with these individuals, we are removing these 12 deaths as of June 13, 2022, from the cumulative death count for COVID-19 deaths in NM.

- **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.