

NEW MEXICO COVID-19 MORTALITY UPDATE

February 27th, 2023

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

Total Deaths

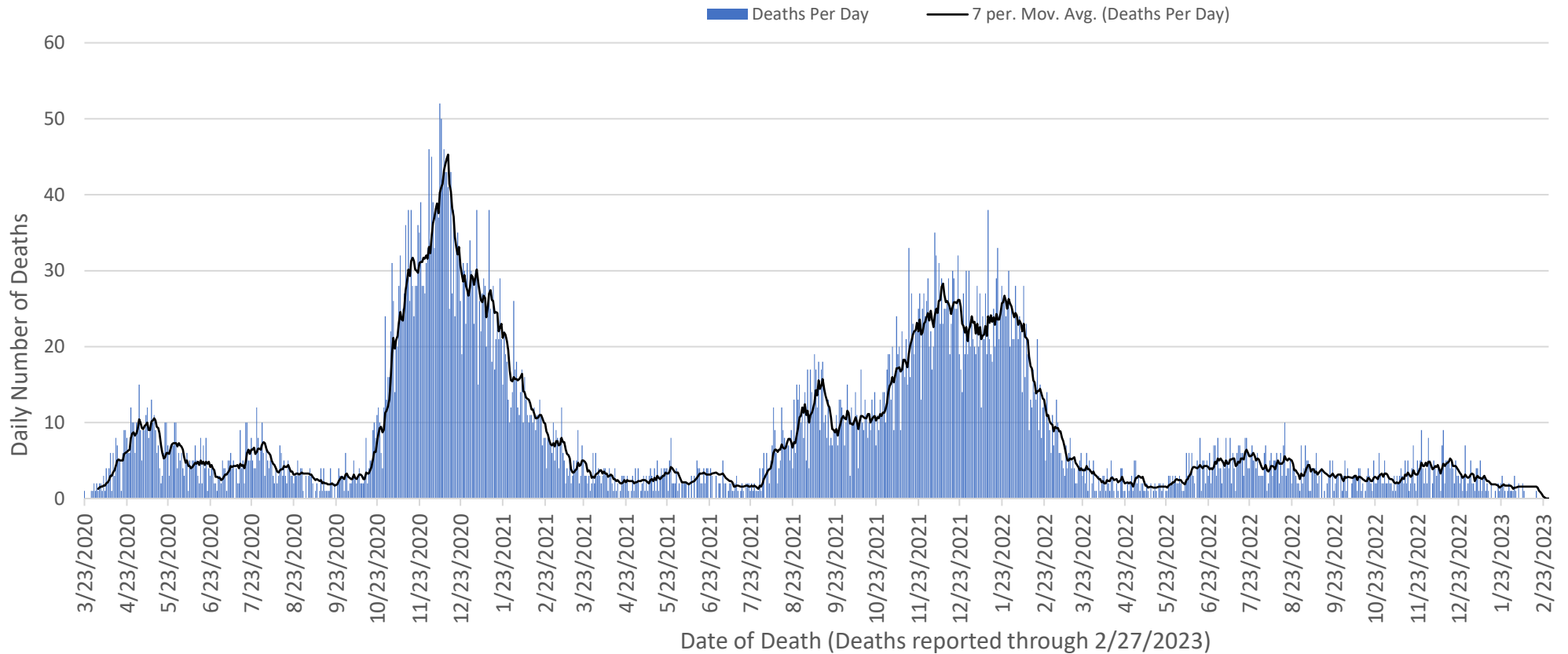
9,026

Deaths in the Last 14 Days

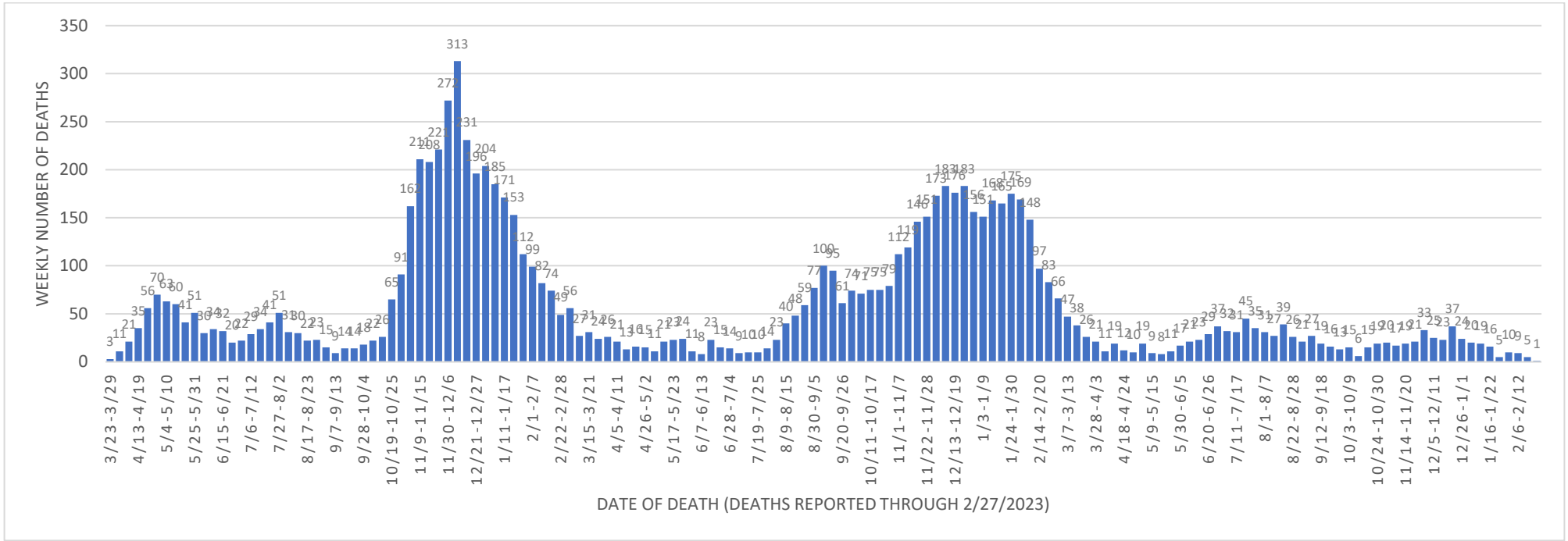
6

SECTION 1: DEATH COUNTS

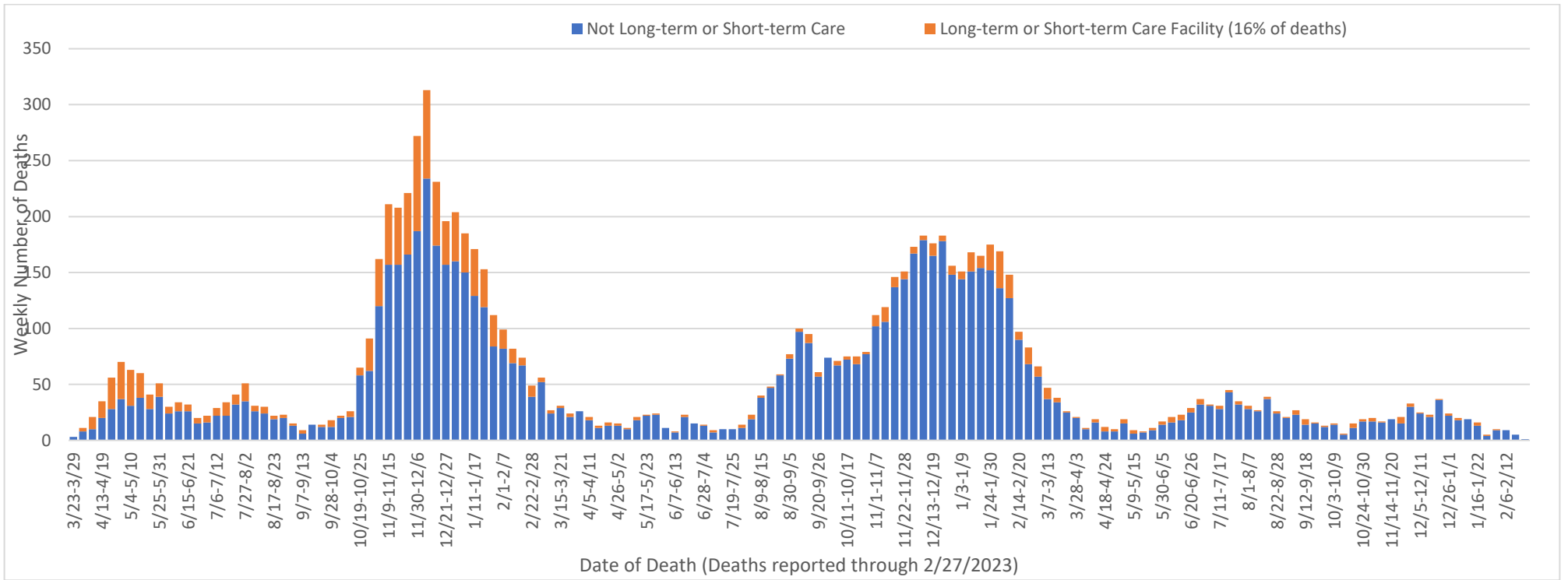
Daily Number of Deaths and 7-day Moving Average



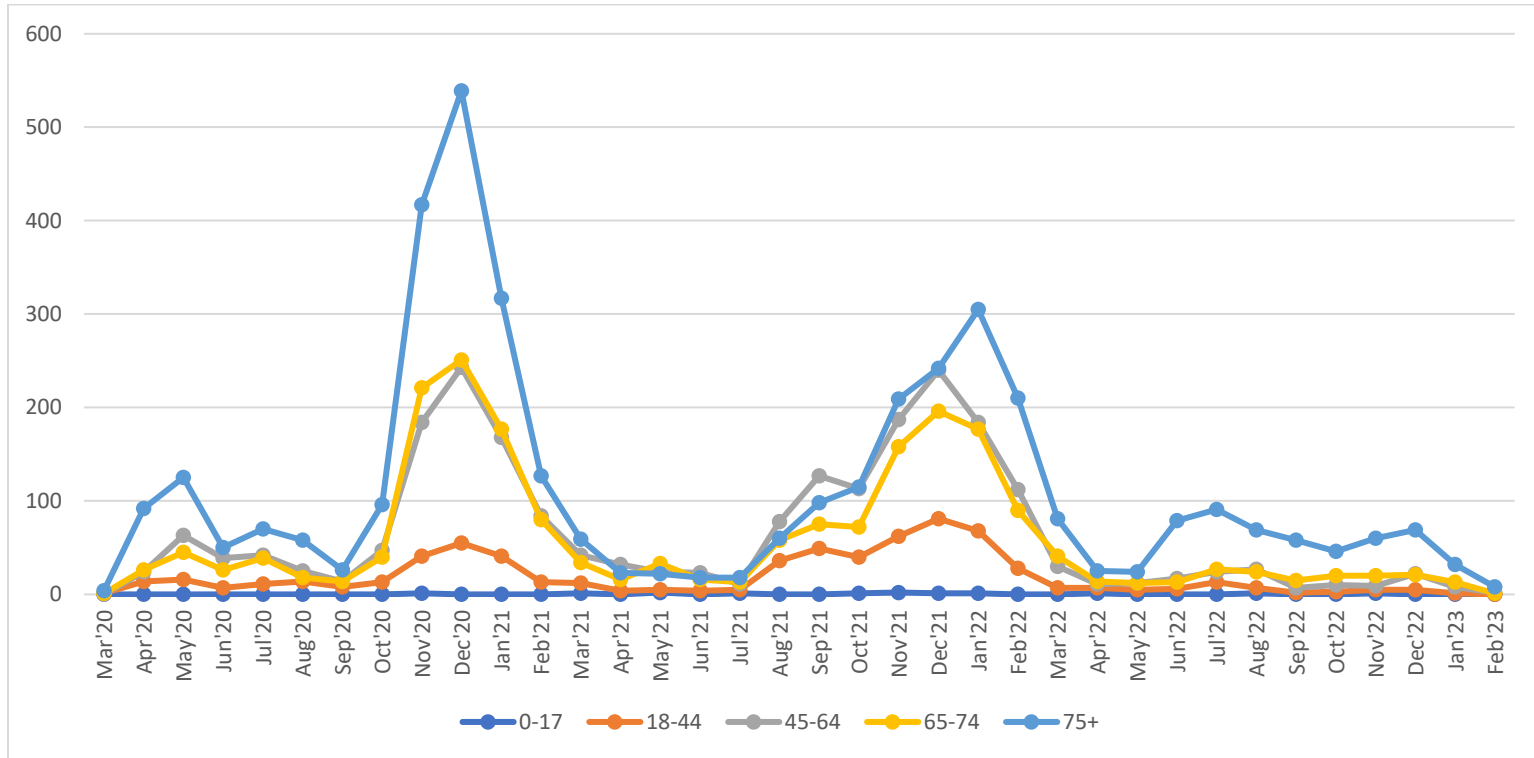
Number of Deaths Each Week



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



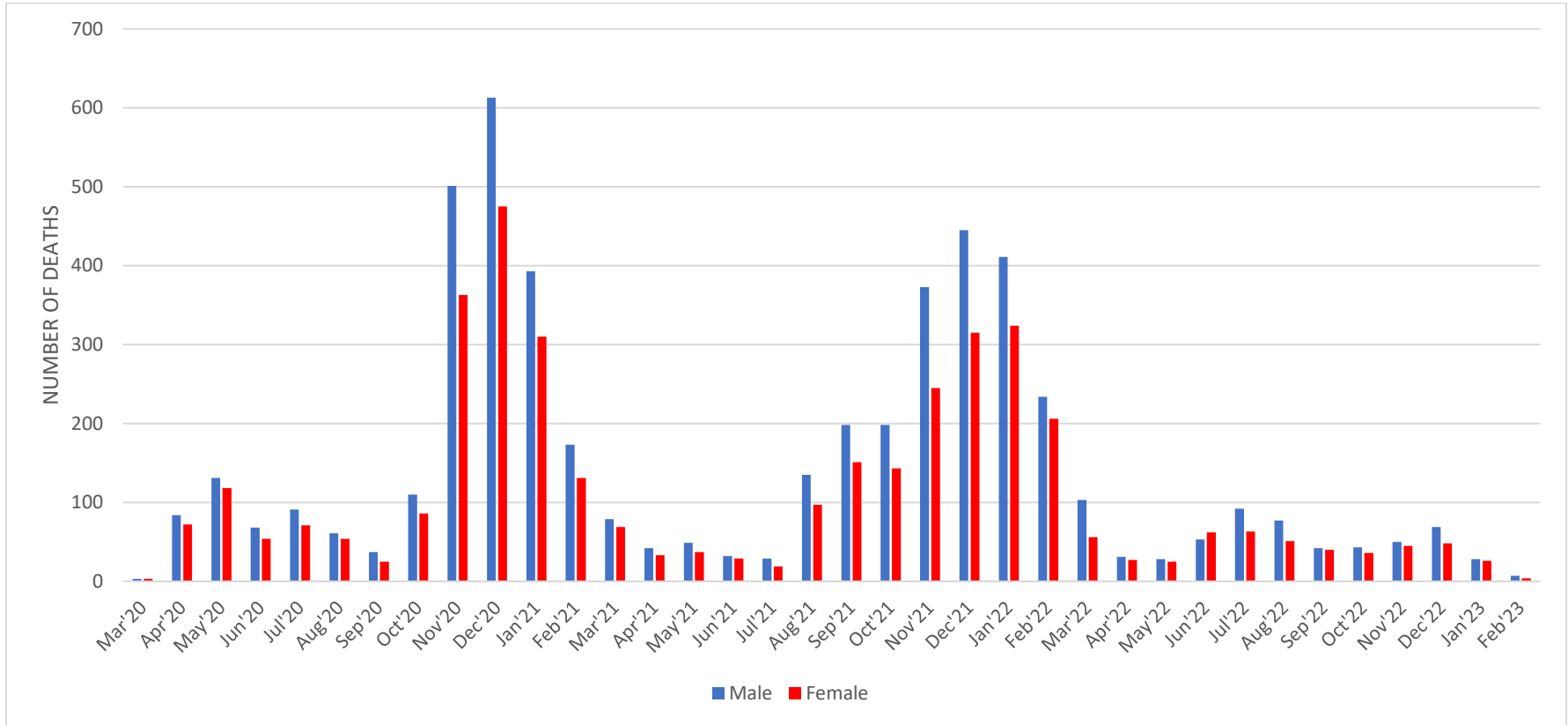
Number of Deaths by Age Group Each Month



Age Group (years)	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
0-17	10	0	0	1	0	0	0	1	0	0	1	0	0	0	13
18-44	600	28	7	7	5	6	13	7	2	3	5	5	1	0	689
45-64	1994	112	30	11	12	17	24	27	7	10	9	22	8	2	2285
65-74	1786	90	41	14	12	13	27	24	15	20	20	21	13	1	2097
75+	3090	210	81	25	24	79	91	69	58	46	60	69	32	8	3942
Total	7480	440	159	58	53	115	155	128	82	79	95	117	54	11	9026

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

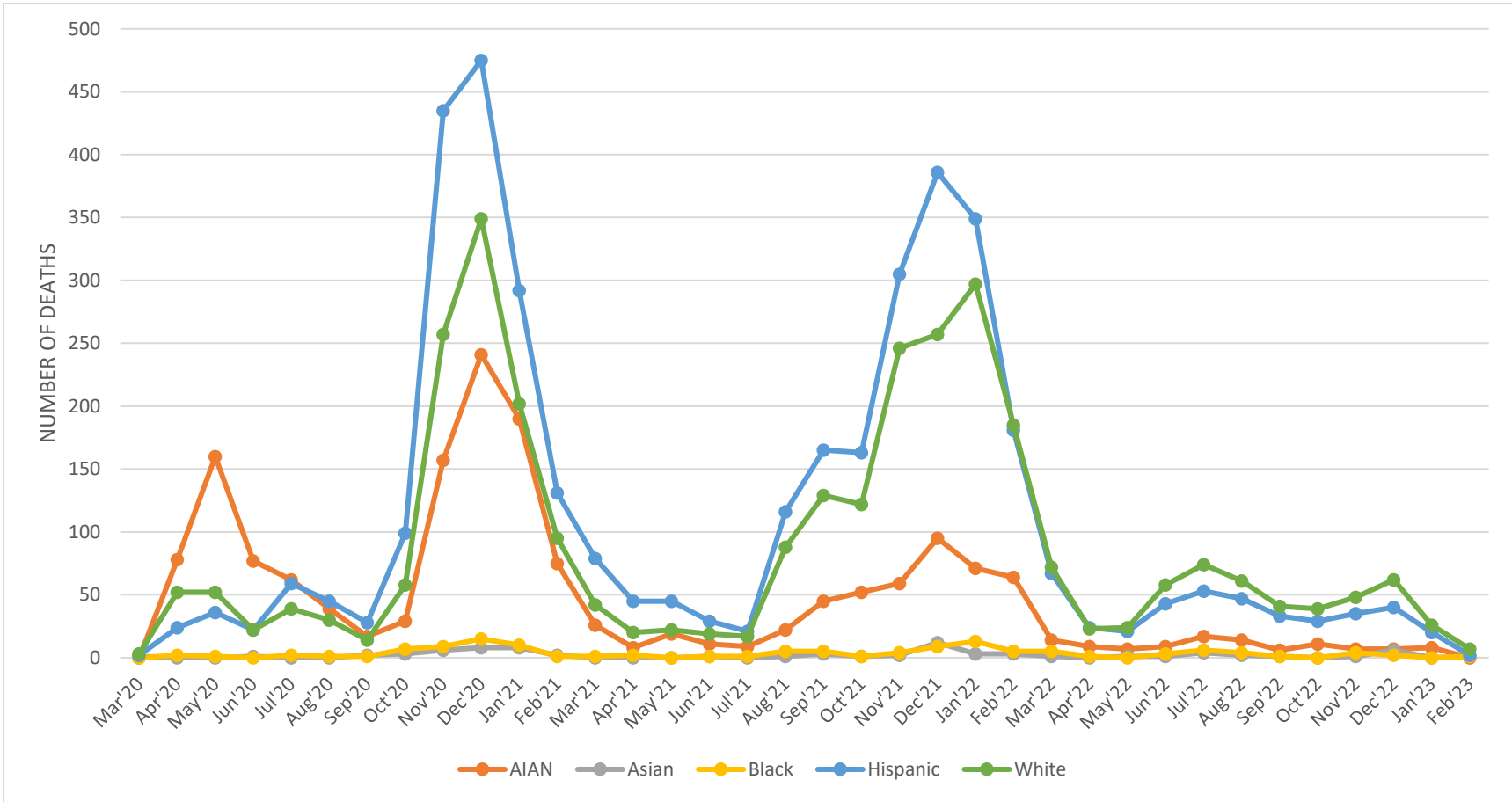
Number of Deaths by Gender Each Month



Gender	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
Female	3224	206	56	27	25	62	63	51	40	36	45	48	26	4	3913
Male	4256	234	103	31	28	53	92	77	42	43	50	69	28	7	5113
Total	7480	440	159	58	53	115	155	128	82	79	95	117	54	11	9026

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

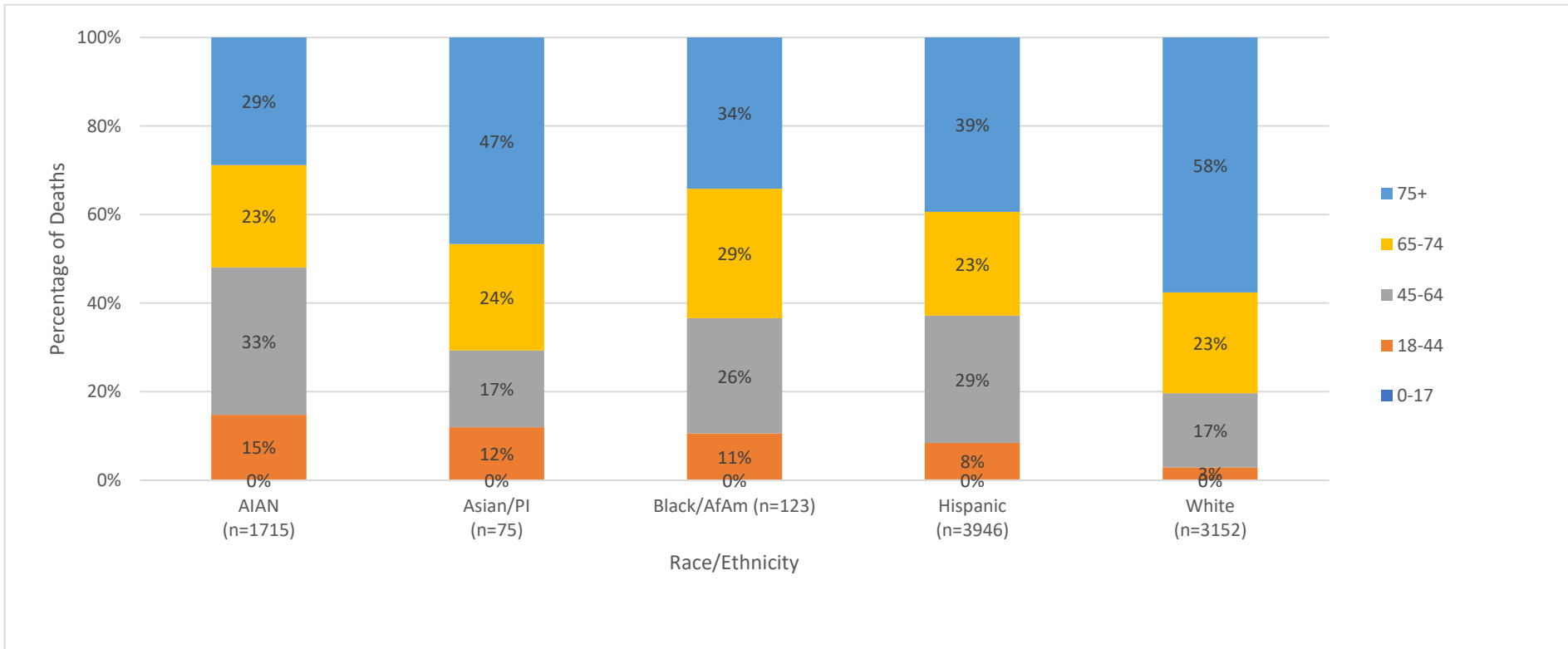
Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
AIAN	1542	64	14	9	7	9	17	14	6	11	7	7	8	0	1715
Asian	54	3	1	0	1	1	4	2	1	0	1	6	0	1	75
Black	91	5	5	1	0	3	6	4	1	0	4	2	0	1	123
Hispanic	3351	181	67	24	21	43	53	47	33	29	35	40	20	2	3946
White	2432	185	72	23	24	58	74	61	41	39	48	62	26	7	3152

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

Percentage of Deaths by Race/Ethnicity and Age Group

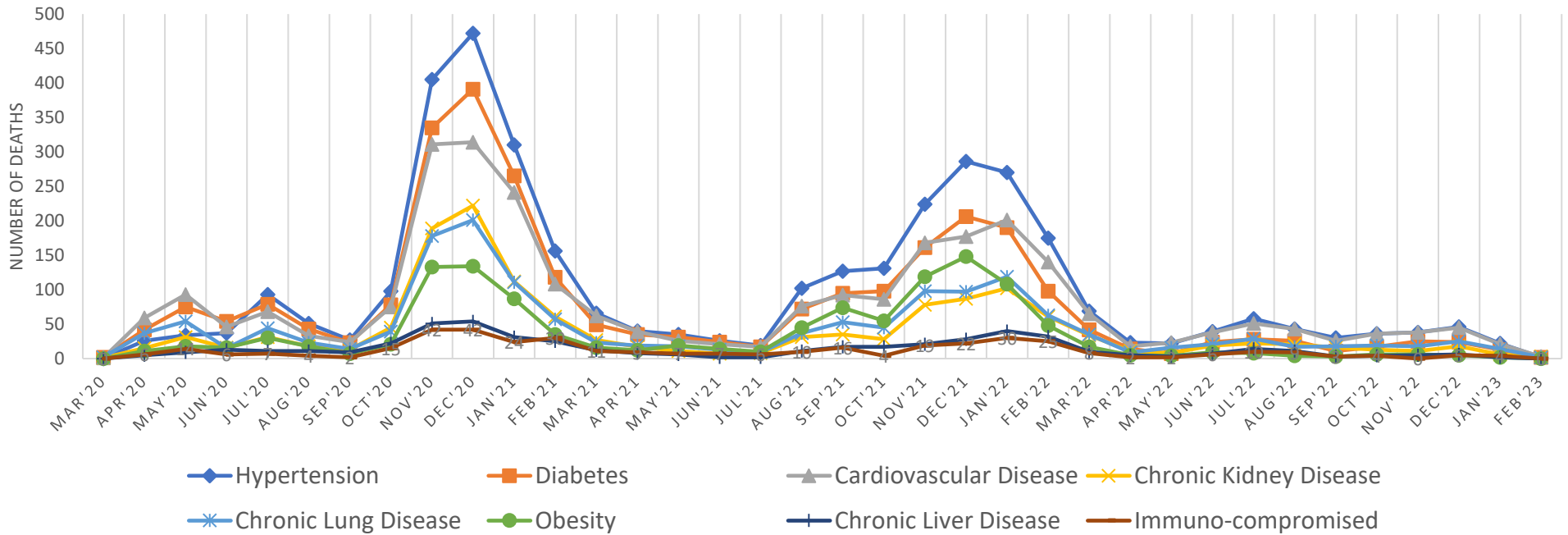


Number of deaths by New Mexico County of residence each month

County of Residence	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
Bernalillo	1767	117	47	15	14	50	52	38	22	27	38	30	11	4	2232
Dona Ana	794	46	15	5	7	5	19	10	10	4	1	12	4	0	932
San Juan	752	34	10	9	2	3	10	12	5	5	12	7	4	0	865
McKinley	585	22	6	1	1	2	9	7	5	4	3	4	4	0	653
Sandoval	414	27	10	4	4	6	7	8	7	4	4	11	2	1	509
Lea	360	18	7	4	0	1	4	6	5	1	0	2	1	0	409
Santa Fe	281	12	10	3	7	17	9	15	6	11	11	9	4	2	397
Chaves	312	23	10	0	2	1	2	5	1	0	1	0	4	1	362
Eddy	282	18	8	2	1	1	3	1	6	0	0	4	0	1	327
Valencia	253	17	9	3	2	2	7	6	2	6	8	5	4	0	324
Curry	197	22	0	4	3	2	2	1	1	0	1	1	1	0	235
Otero	180	17	2	1	1	5	4	4	3	3	1	6	1	1	229
Cibola	189	6	4	0	1	2	2	0	1	3	3	0	1	1	213
Rio Arriba	131	9	4	1	1	1	5	5	1	1	2	4	1	0	166
Luna	127	7	4	2	0	2	2	3	1	0	0	2	2	0	152
Grant	92	5	2	1	1	4	2	1	0	1	2	3	2	0	116
Roosevelt	103	3	1	1	0	0	0	1	1	0	0	1	0	0	111
Taos	85	7	0	0	1	3	1	0	2	3	3	1	1	0	107
Socorro	88	3	0	0	0	3	3	1	0	0	2	1	1	0	102
Sierra	78	2	0	0	1	2	1	0	1	1	0	0	1	0	87
San Miguel	60	5	2	2	2	0	4	1	0	1	0	7	2	0	86
Lincoln	64	6	0	0	0	0	1	0	0	0	1	2	1	0	75
Colfax	64	2	1	0	0	0	1	0	0	2	0	0	1	0	71
Quay	60	4	1	0	0	1	2	0	1	0	0	1	0	0	70
Torrance	55	3	1	0	0	0	1	0	0	1	0	1	0	0	62
Los Alamos	13	2	1	0	0	2	2	3	0	0	0	2	0	0	25
Catron	18	2	1	0	1	0	0	0	0	0	1	0	0	0	23
Mora	18	0	1	0	1	0	0	0	0	0	1	1	0	0	22
Union	17	0	1	0	0	0	0	0	0	1	0	0	0	0	19
Guadalupe	16	1	0	0	0	0	0	0	1	0	0	0	0	0	18
Hidalgo	15	0	1	0	0	0	0	0	0	0	0	0	1	0	17
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	7480	440	159	58	53	115	155	128	82	79	95	117	54	11	9026

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

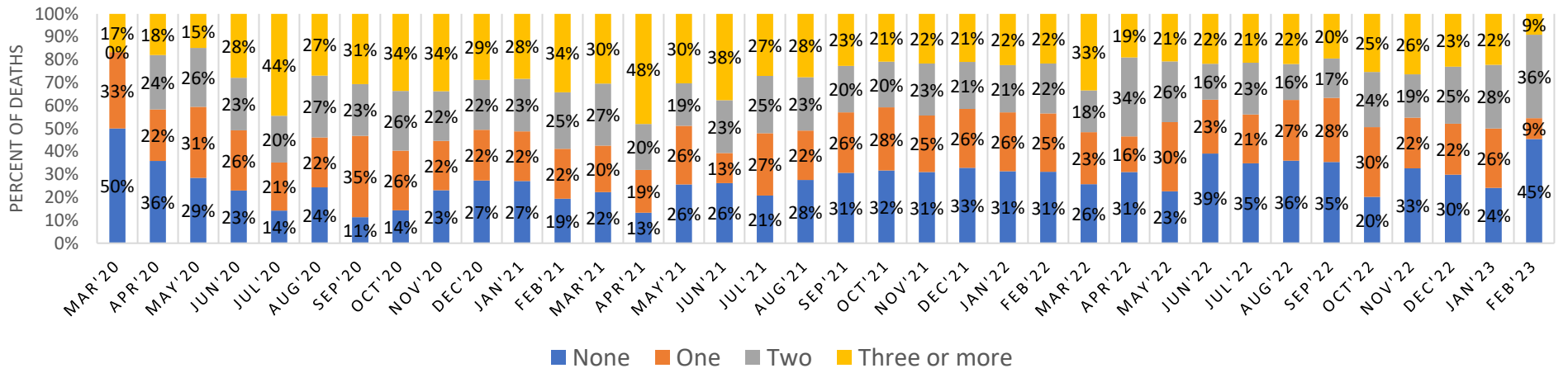
Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
Hypertension	3035	175	69	23	22	39	58	43	30	36	38	46	22	2	6673
Diabetes	2483	98	42	14	7	24	28	26	11	17	25	24	13	2	5297
Cardiovascular Disease	2338	140	65	18	23	38	51	43	26	36	38	45	21	3	5223
Chronic Kidney Disease	1185	61	34	11	8	19	22	21	16	13	11	18	6	3	2613
Chronic Lung Disease	1306	63	35	9	16	21	29	17	18	19	18	25	14	2	2898
Obesity	1130	48	17	5	4	9	8	4	3	6	6	5	2	0	2377
Chronic Liver Disease	405	32	10	5	3	7	14	11	3	4	5	6	2	0	912
Immuno-compromised	333	25	8	2	2	6	10	9	3	4	0	5	4	0	744

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

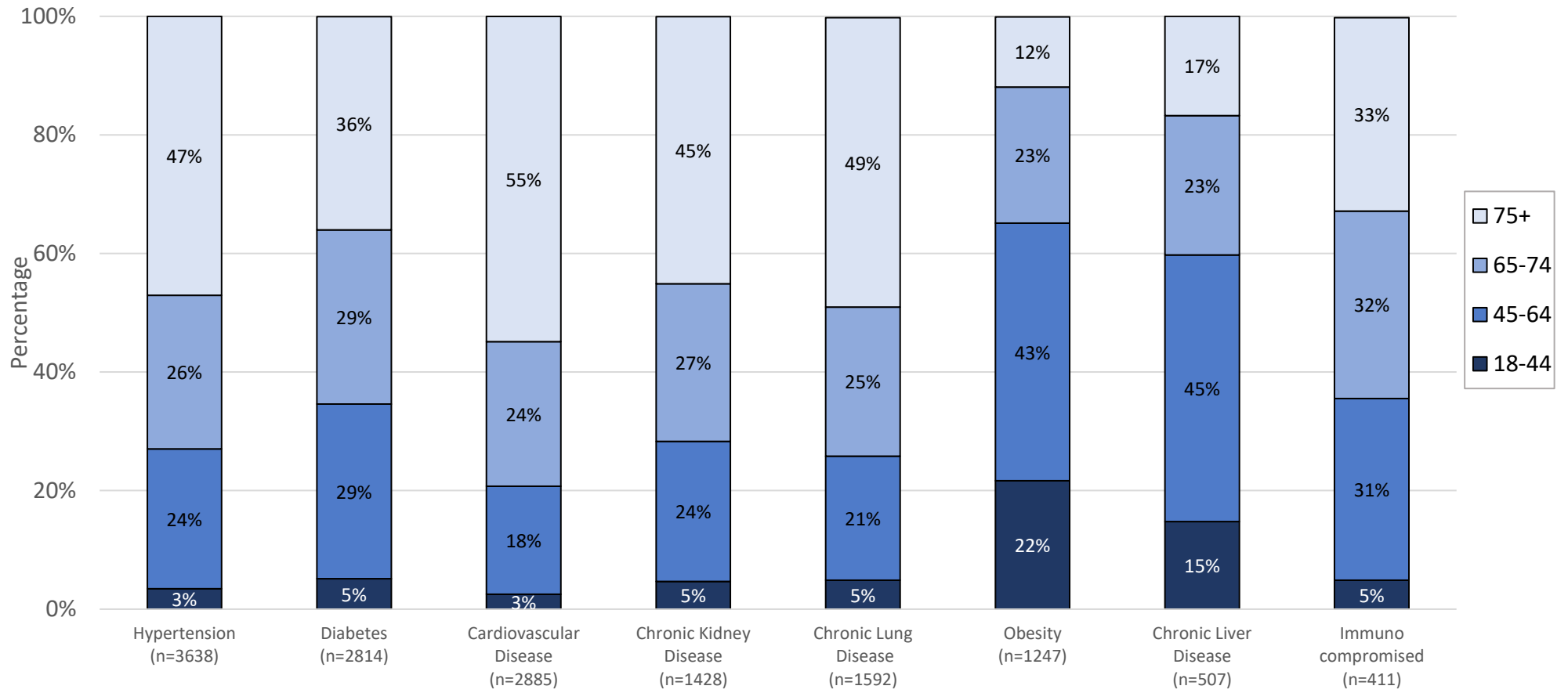
Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Subtotal ¹	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Total
None	2033	137	41	18	12	45	54	46	29	16	31	35	13	5	2515
One	1782	112	36	9	16	27	33	34	23	24	21	26	14	1	2158
Two	1656	96	29	20	14	18	35	20	14	19	18	29	15	4	1987
Three or more	2009	95	53	11	11	25	33	28	16	20	25	27	12	1	2366
Total	7480	440	159	58	53	115	155	128	82	79	95	117	54	11	9026

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

Percentage of Deaths by Underlying Condition and Age Group



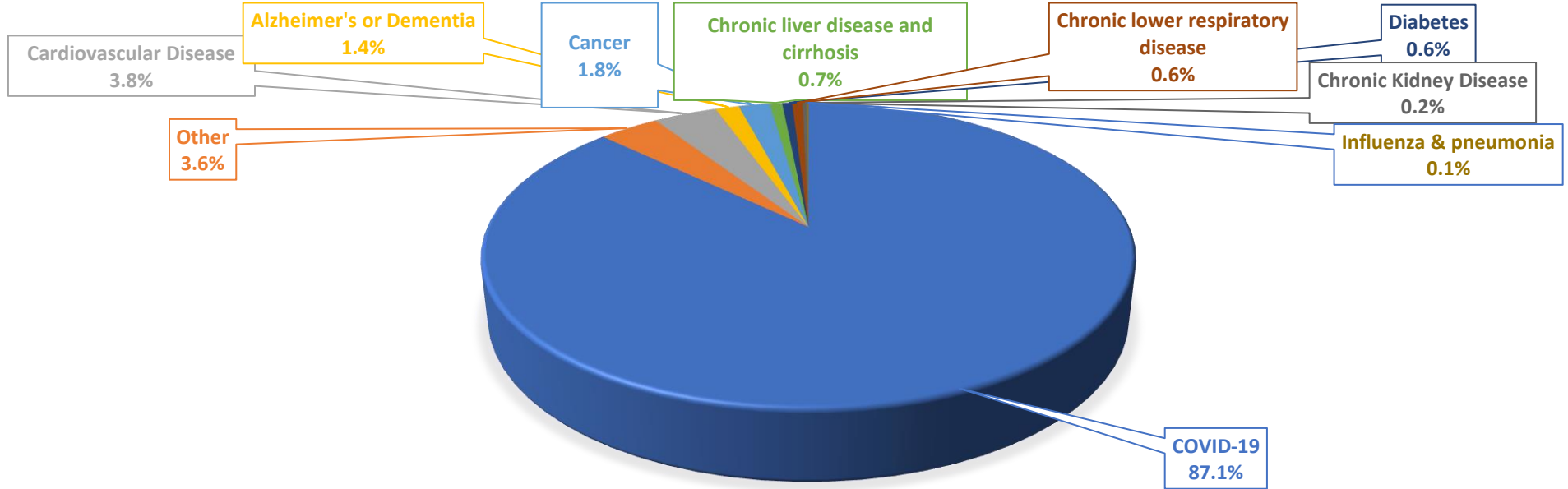
Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result ¹	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	8000	88.6%
Yes	No	339 ²	3.8%
No	Yes	687	7.6%
Total		9026	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.

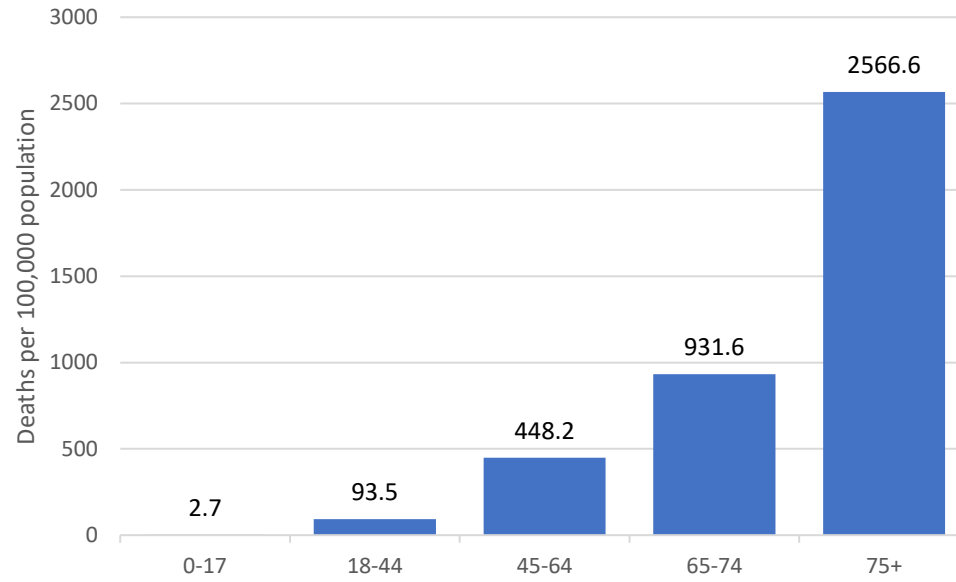
Number and percent of deaths by underlying cause of death on the death certificate



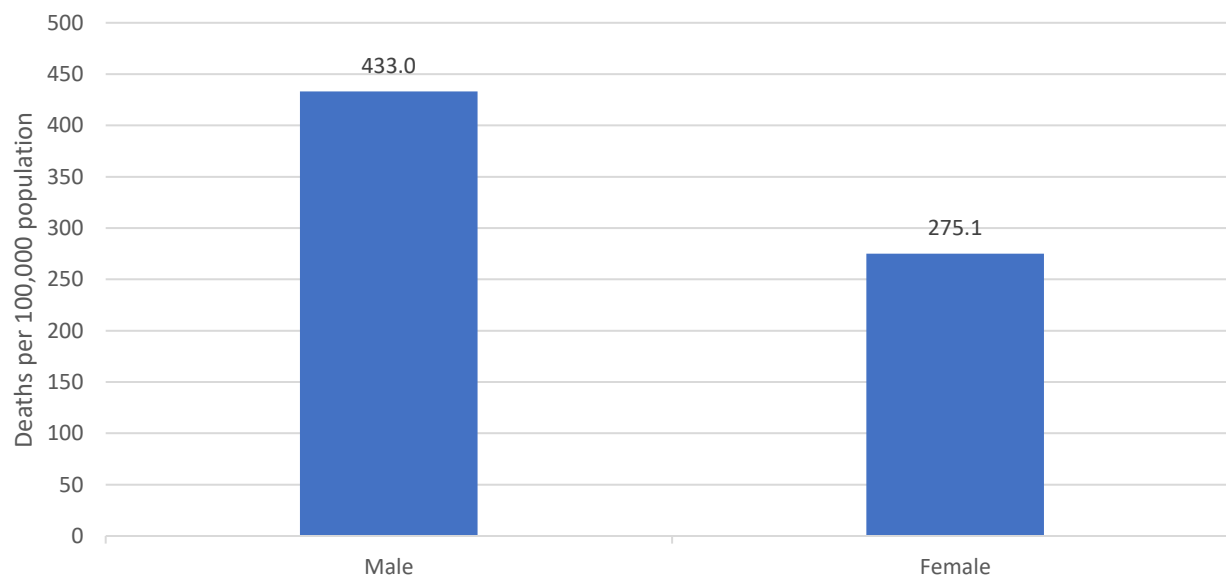
Underlying Cause	Number of Deaths*	Percent
COVID-19	7584	87.1%
Other	312	3.6%
Cardiovascular Disease	327	3.8%
Alzheimer's or Dementia	122	1.4%
Cancer	161	1.8%
Chronic liver disease and cirrhosis	65	0.7%
Diabetes	52	0.6%
Chronic lower respiratory disease	53	0.6%
Chronic Kidney Disease	21	0.2%
Influenza & pneumonia	9	0.1%
Total	8706	100.0%
*Excludes 320 (4%) deaths which have not yet been coded by the National Center for Health Statistics.		

SECTION 2: MORTALITY RATES

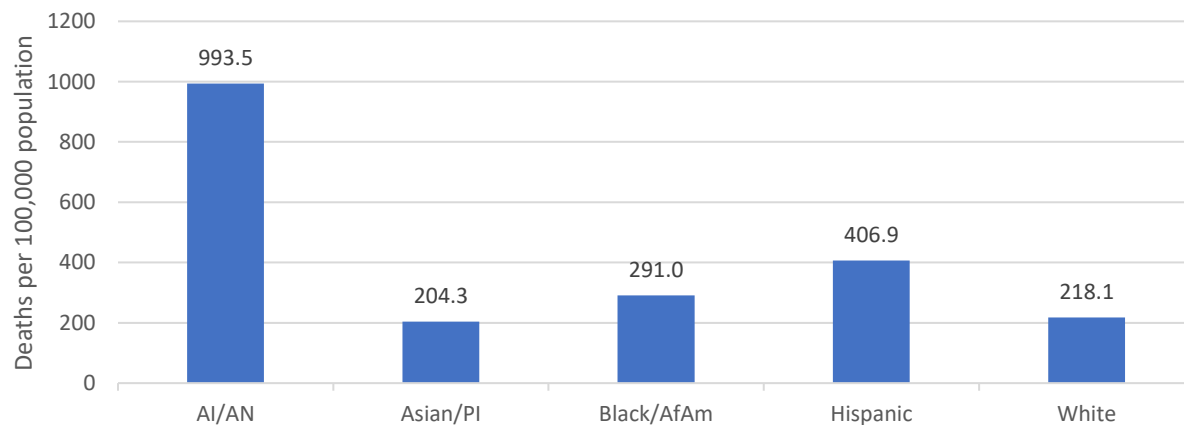
Mortality Rate per 100,000 Population by Age Group



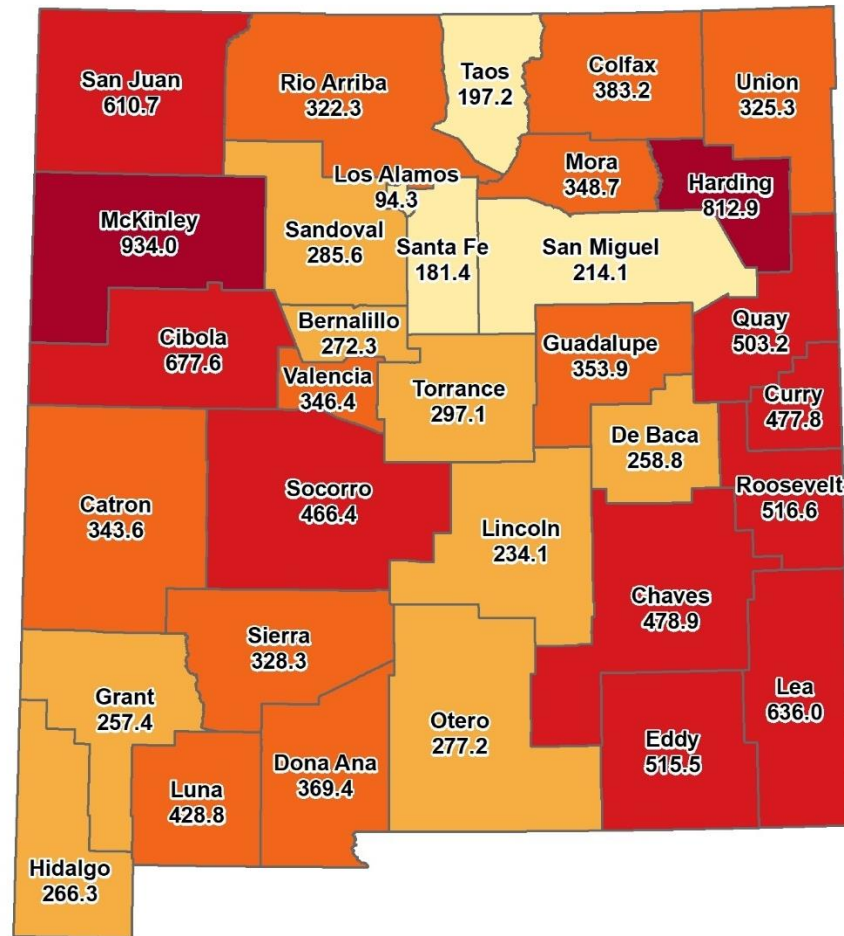
Age-adjusted Mortality Rate per 100,000 Population by Gender



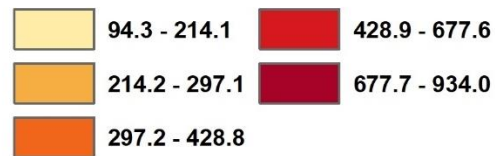
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



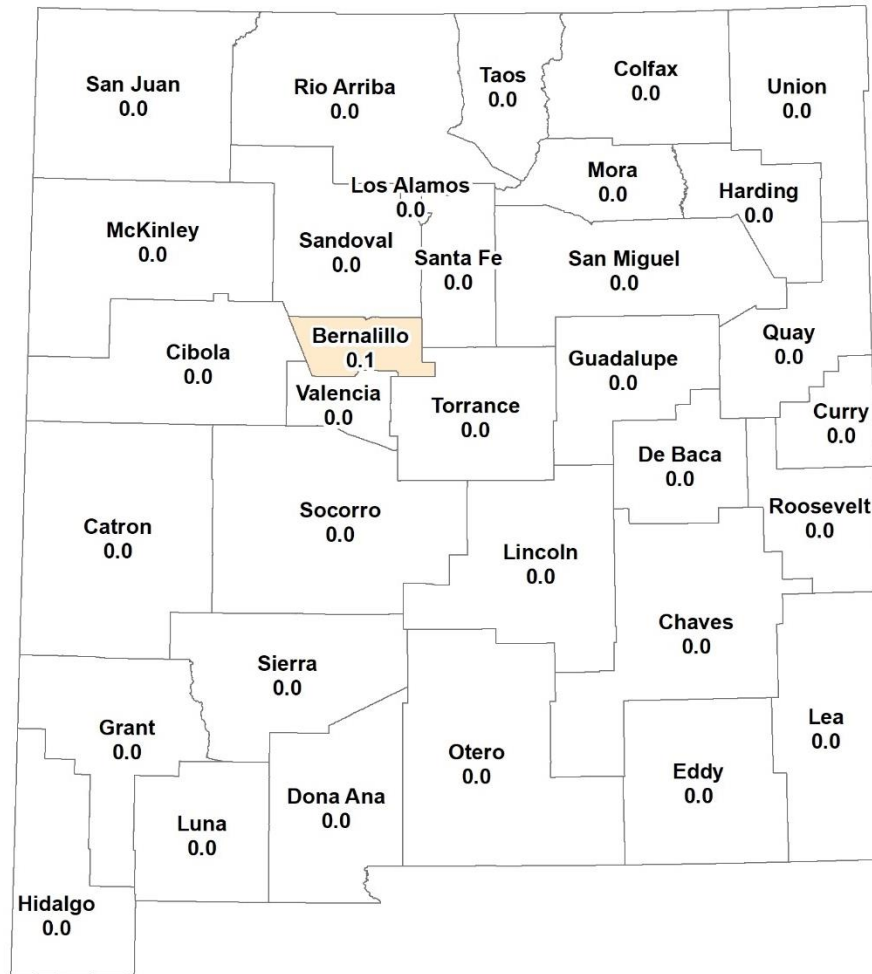
Age-adjusted Mortality Rate per 100,000 Population by New Mexico County



Rate Per 100,000 Population



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

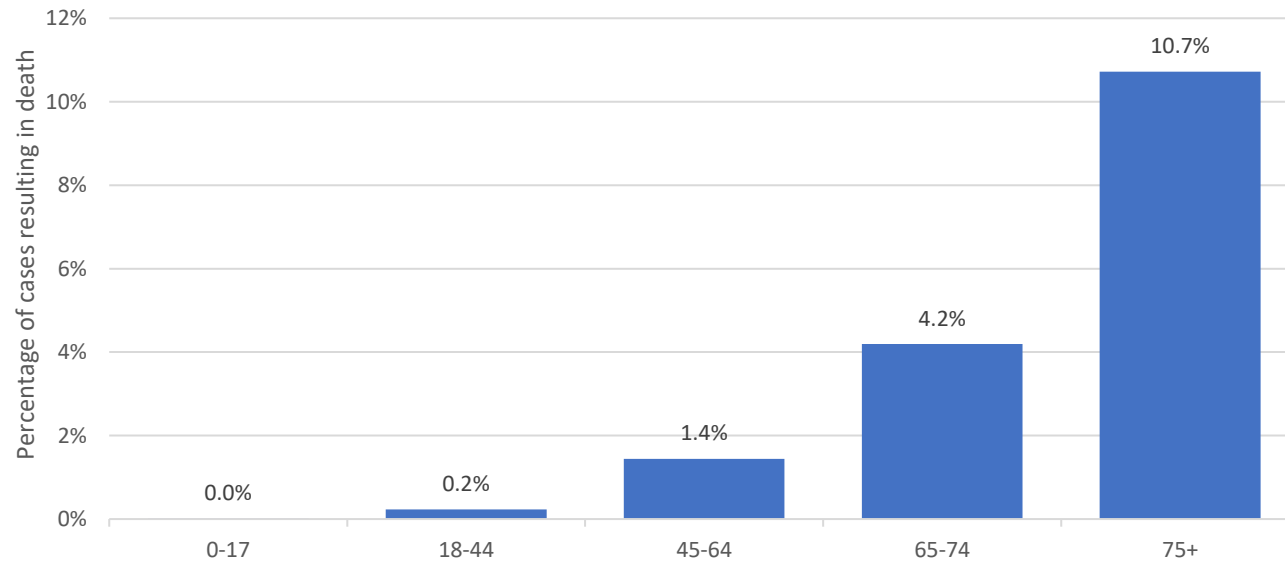


Rate Per 100,000 Population

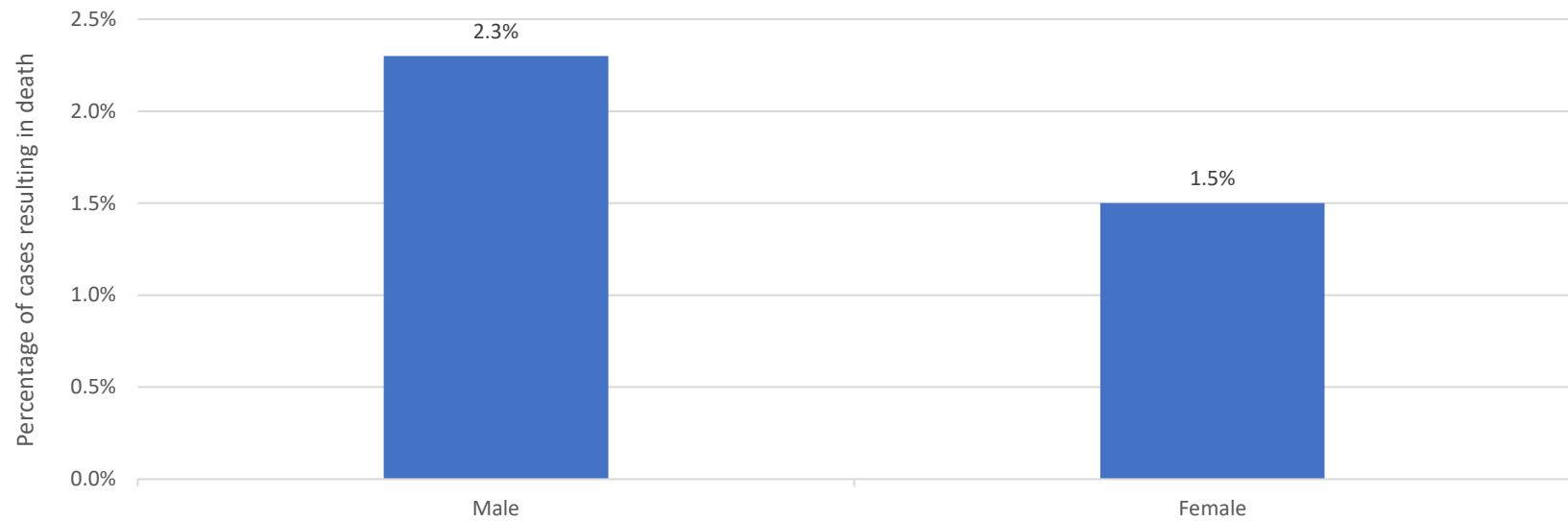


SECTION 3: CASE FATALITY RATES

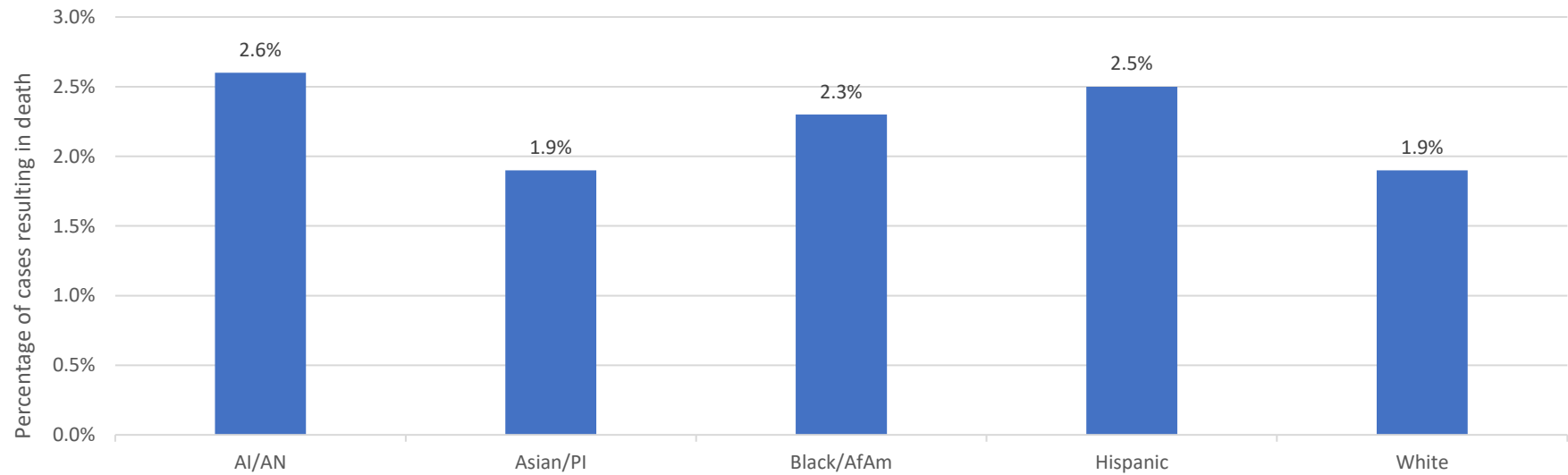
Case Fatality Rate by Age Group



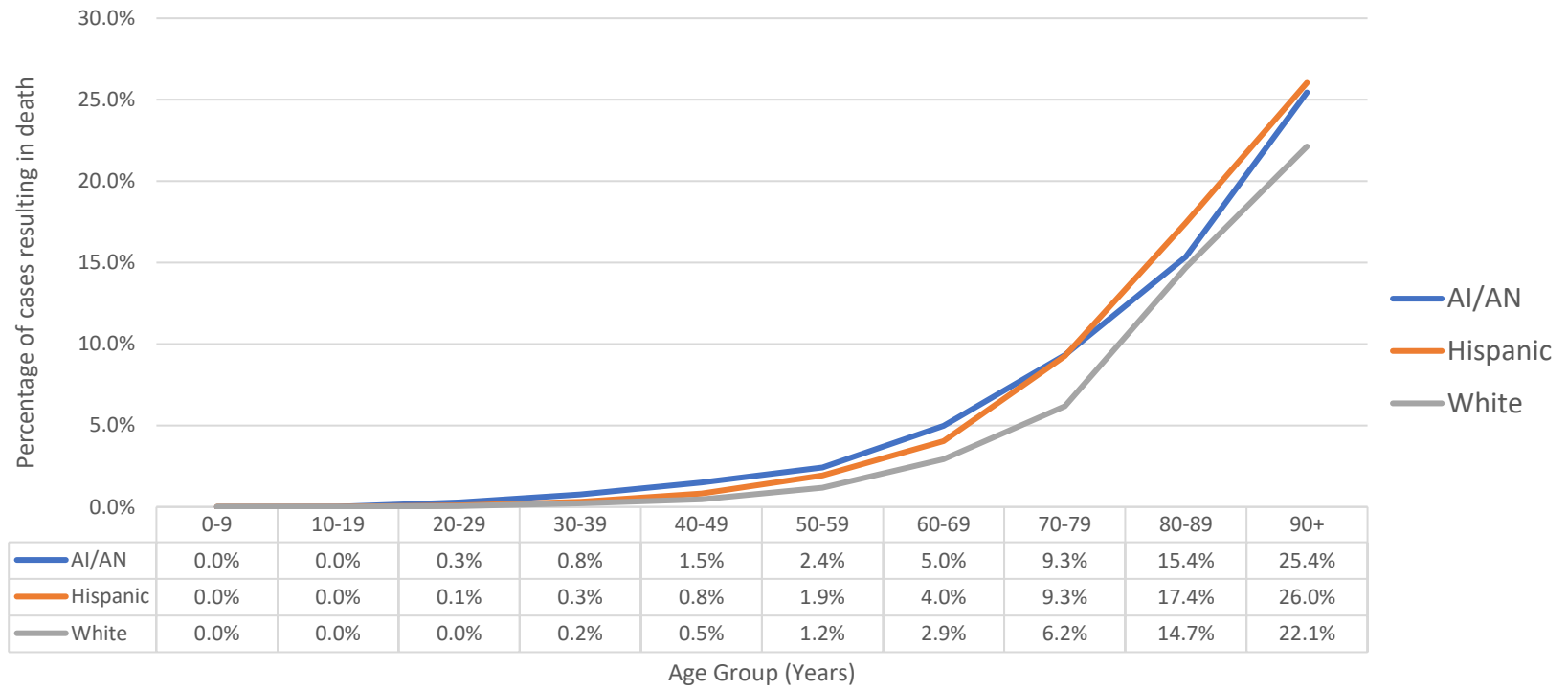
Age-adjusted* Case Fatality Rate by Gender



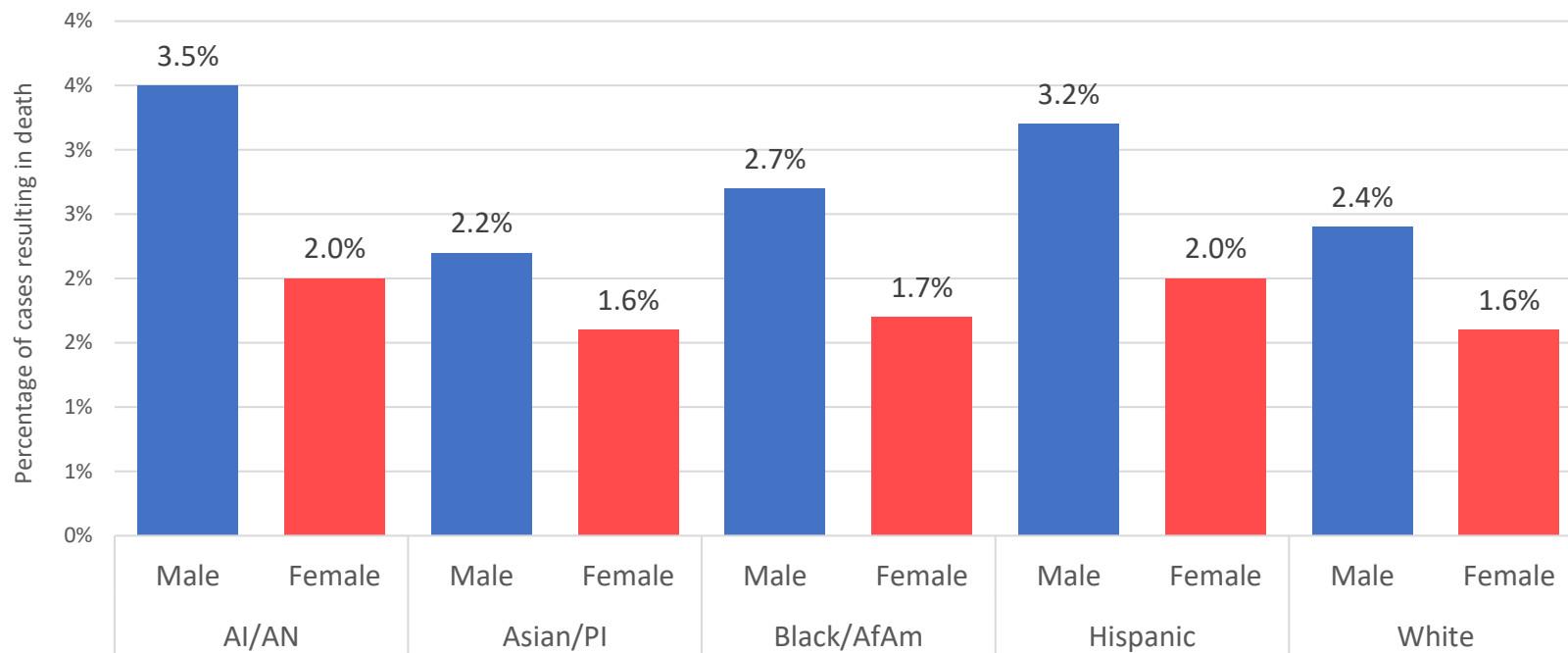
Age-adjusted* Case Fatality Rate by Race/Ethnicity



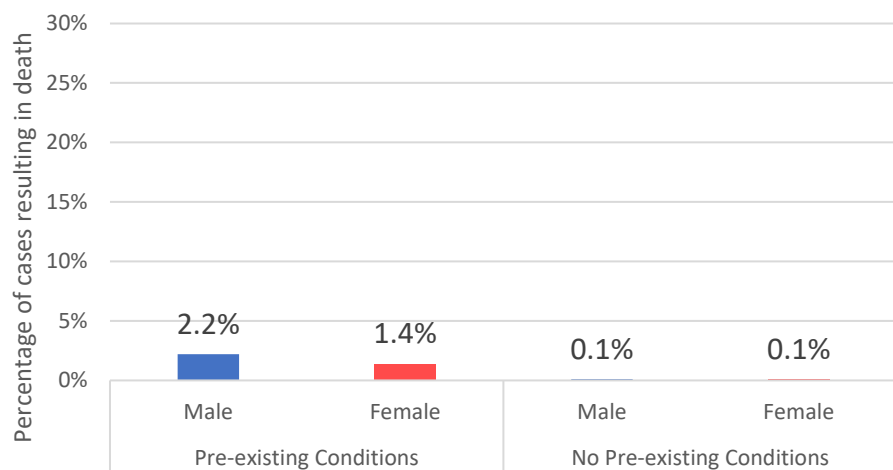
Case Fatality Rate by Race/Ethnicity and Age Group



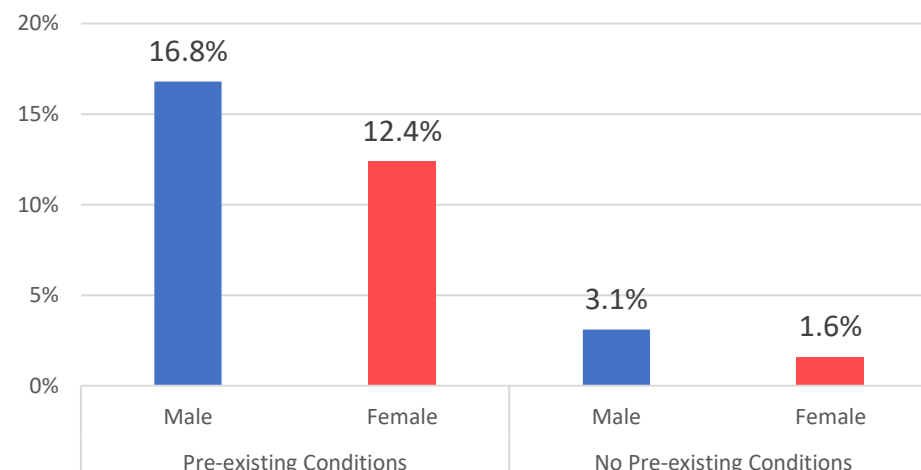
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender



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



Not Hospitalized



Hospitalized

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.