

# NEW MEXICO COVID-19 MORTALITY UPDATE

February 13th, 2023

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

**Total Deaths**

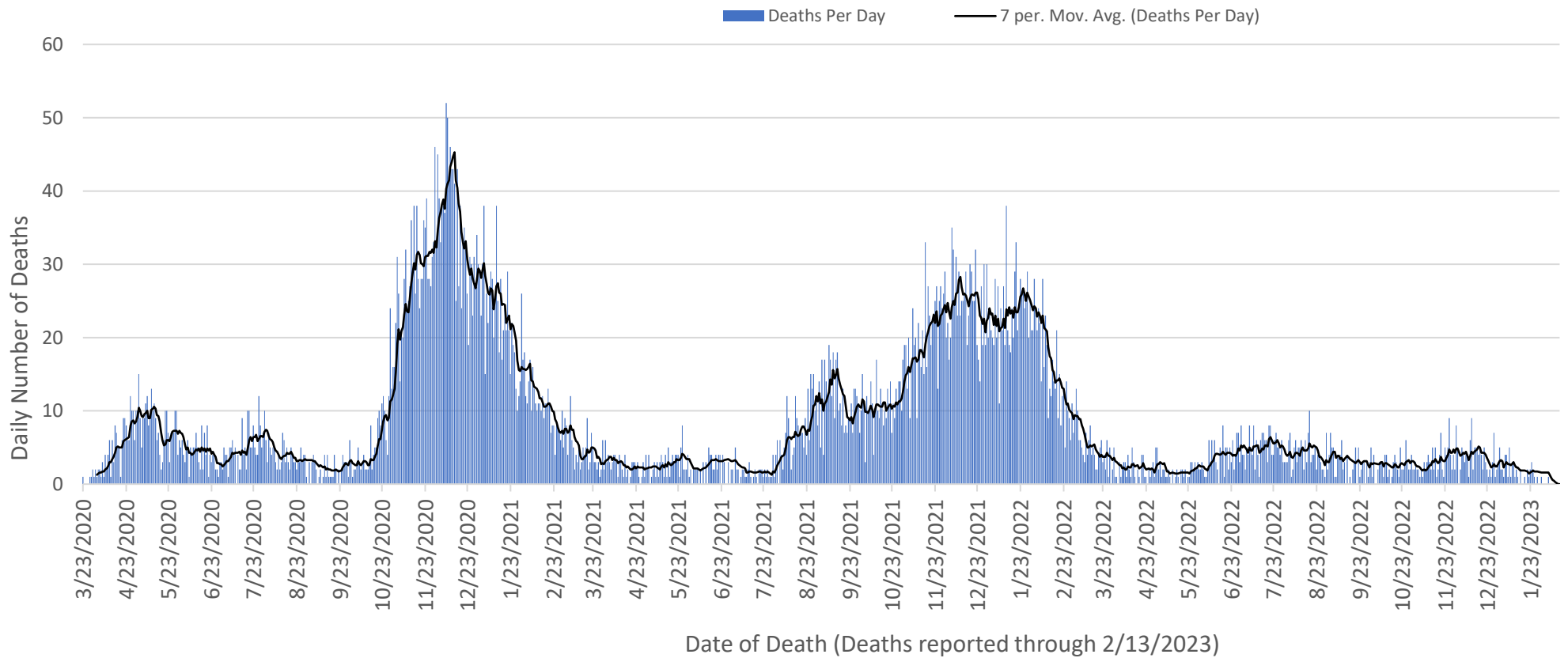
**9,004**

**Deaths in the Last 14 Days**

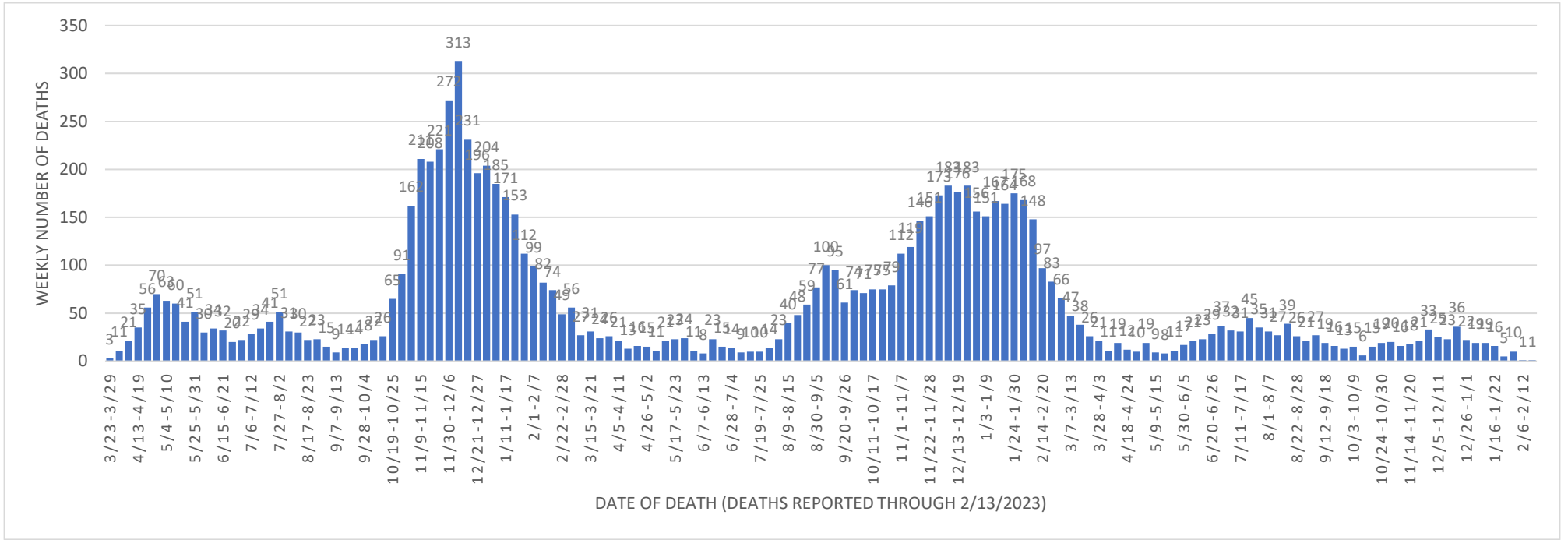
**2**

## SECTION 1: DEATH COUNTS

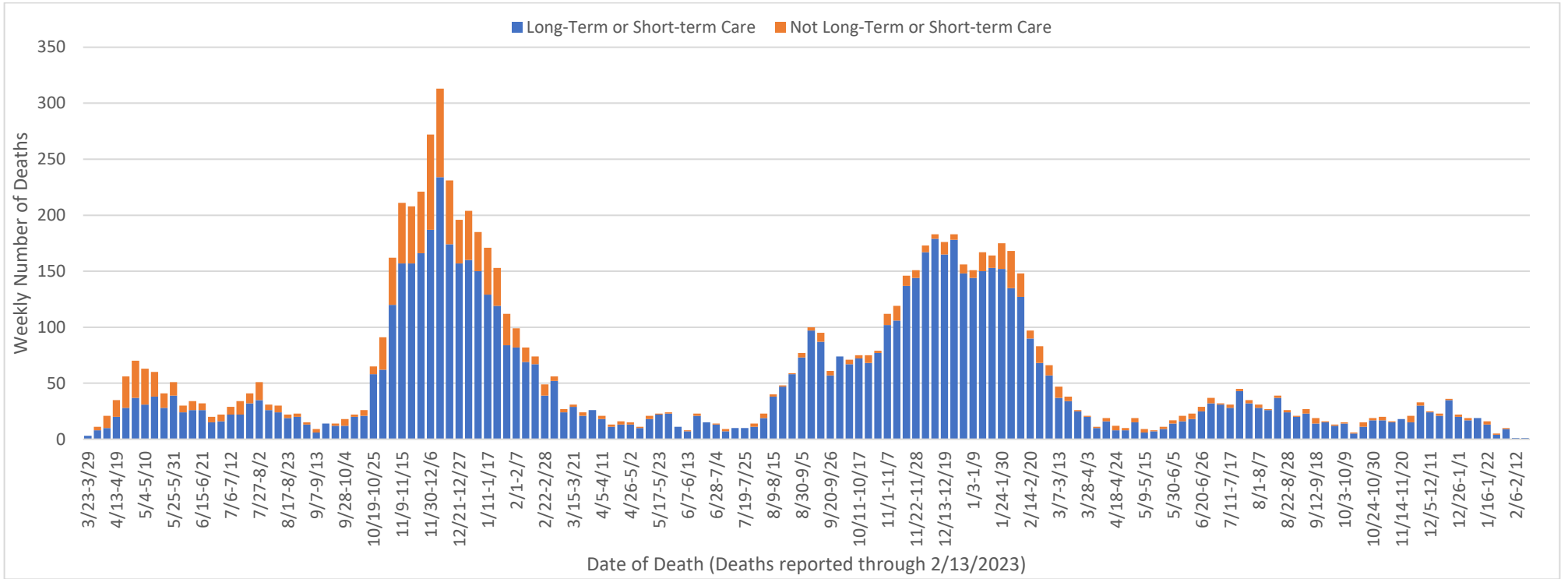
### Daily Number of Deaths and 7-day Moving Average



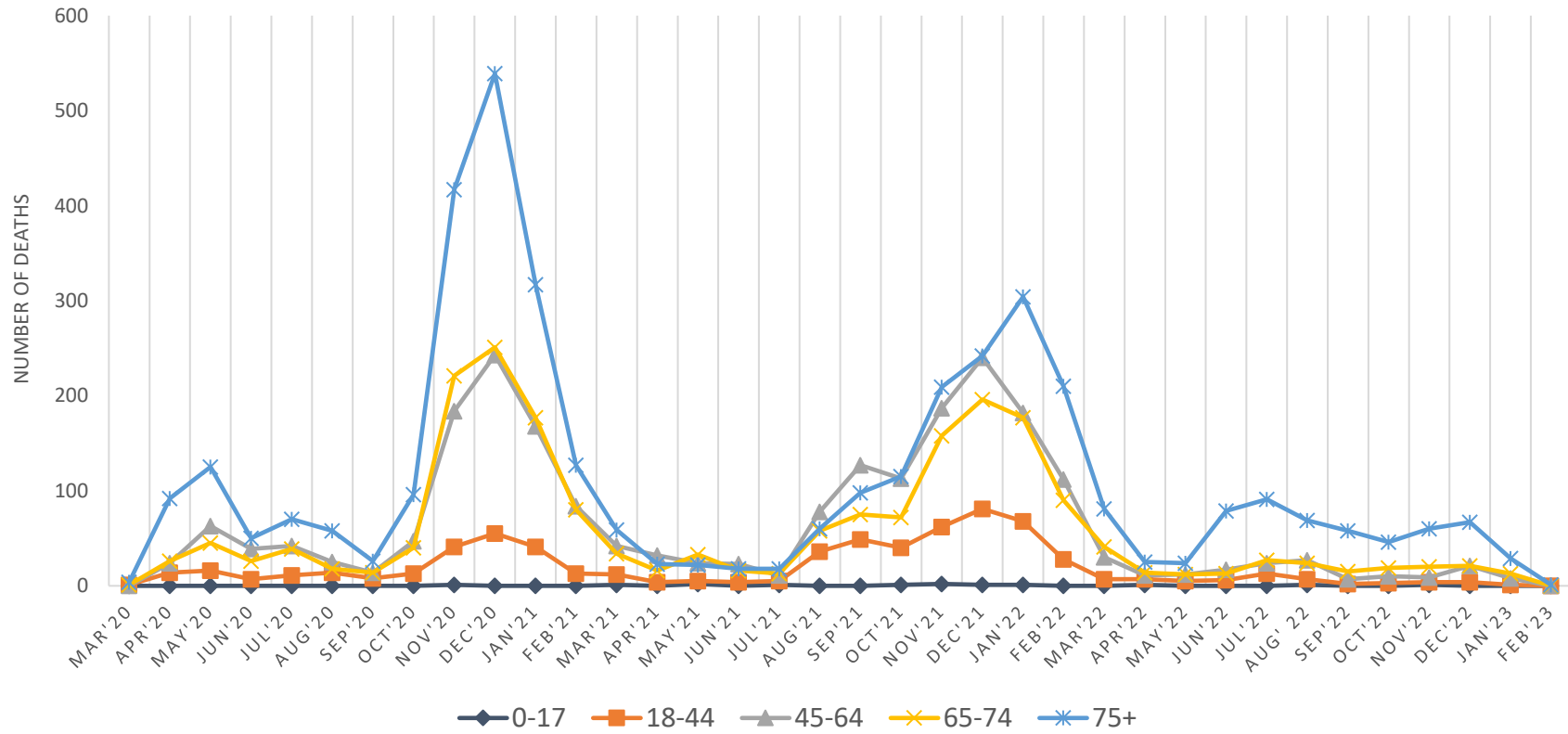
## Number of Deaths Each Week



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



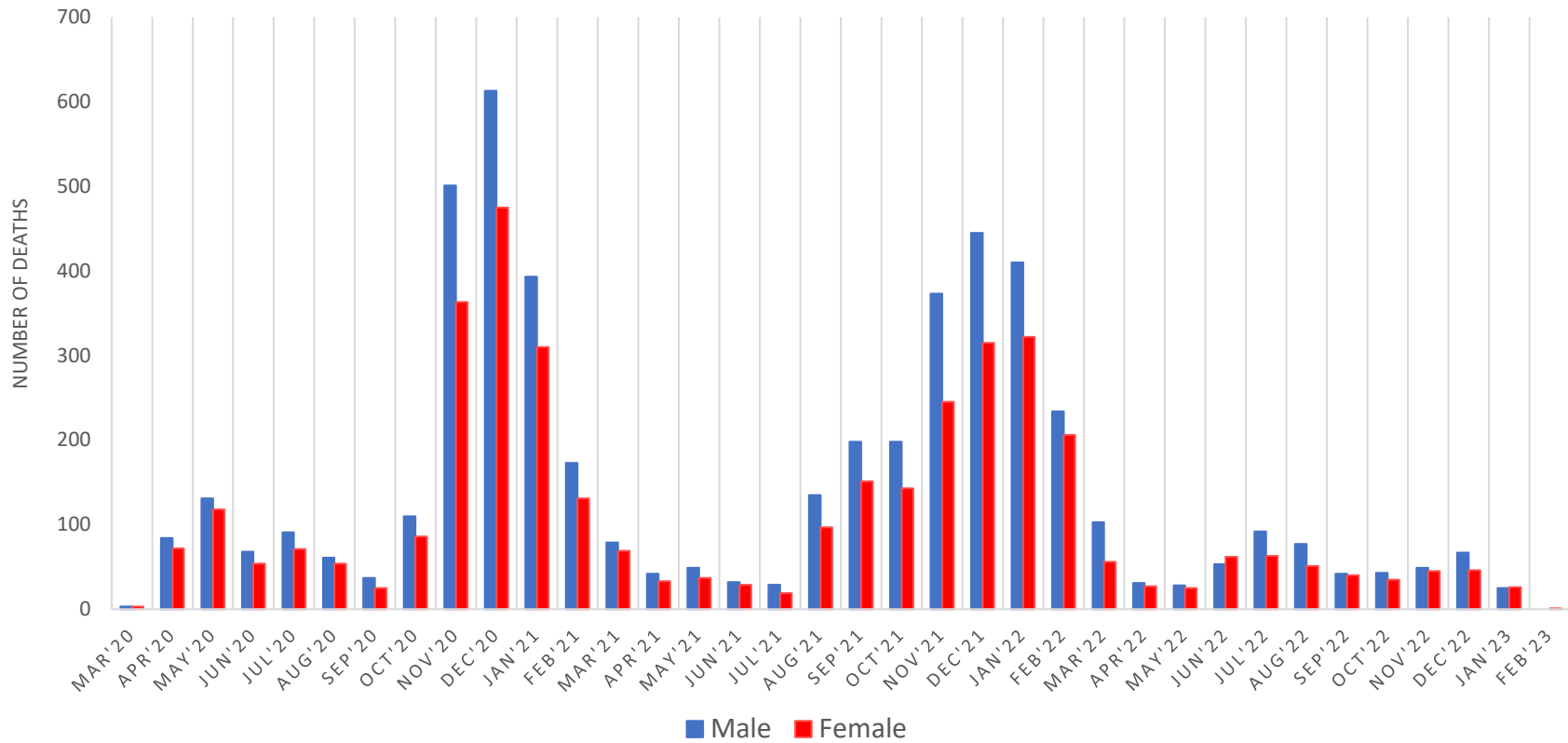
## Number of Deaths by Age Group Each Month



Age Group (years)	Subtotal <sup>1</sup>	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
<b>0-17</b>	10	0	0	1	0	0	0	1	0	0	1	0	0	0	13
<b>18-44</b>	600	28	7	7	5	6	13	7	2	3	4	4	1	0	687
<b>45-64</b>	1992	112	30	11	12	17	24	27	7	10	9	21	8	0	2280
<b>65-74</b>	1786	90	41	14	12	13	27	24	15	19	20	21	13	0	2095
<b>75+</b>	3089	210	81	25	24	79	91	69	58	46	60	67	29	1	3929
<b>Total</b>	7477	440	159	58	53	115	155	128	82	78	94	113	51	1	9004

<sup>1</sup> – The subtotal column includes deaths from March 2020 through January 2022.

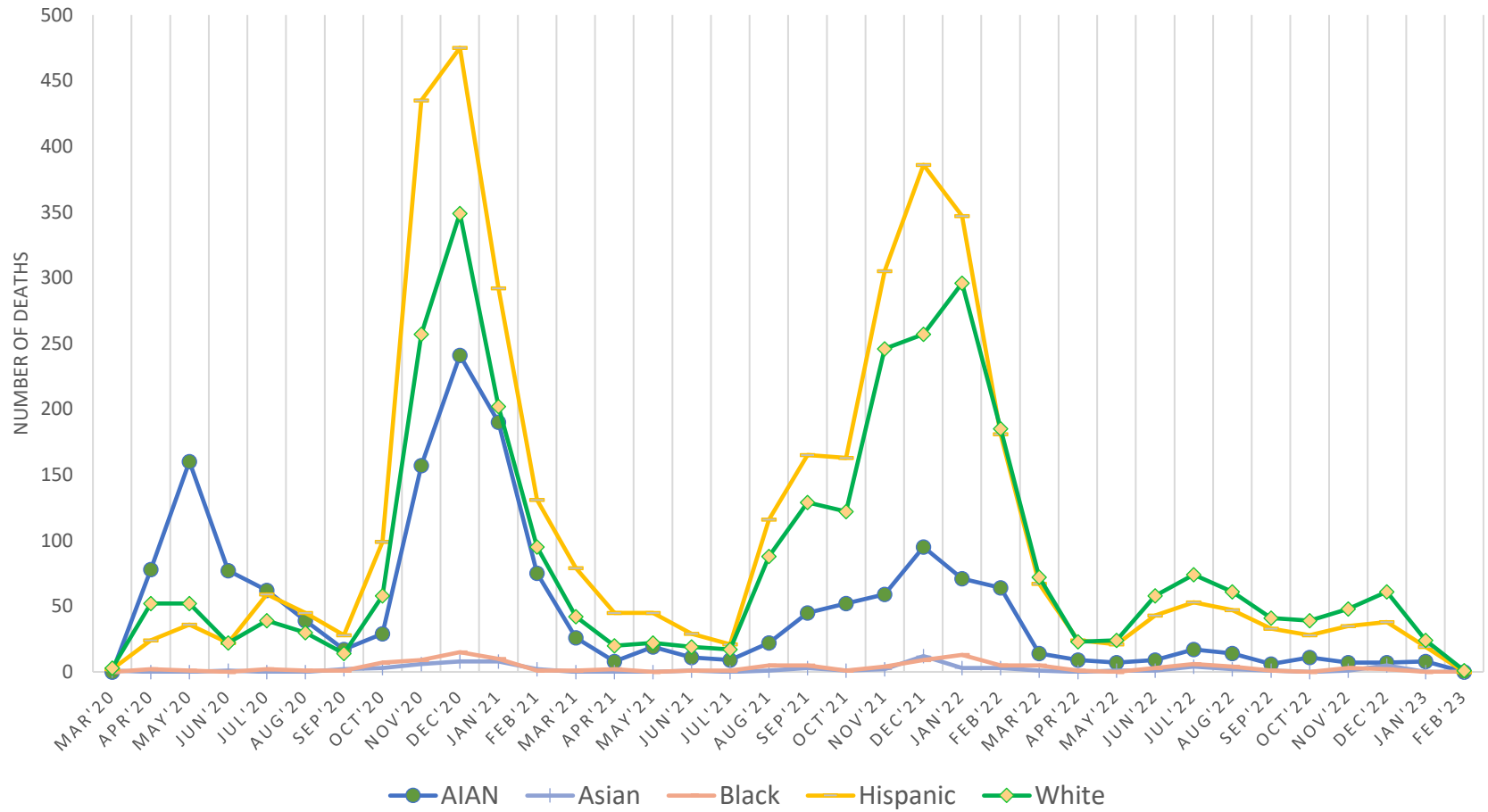
## Number of Deaths by Gender Each Month



Gender	Subtotal <sup>1</sup>	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
<b>Female</b>	3222	206	56	27	25	62	63	51	40	35	45	46	26	1	3905
<b>Male</b>	4255	234	103	31	28	53	92	77	42	43	49	67	25	0	5099
<b>Total</b>	7477	440	159	58	53	115	155	128	82	78	94	113	51	1	9004

<sup>1</sup> – The subtotal column includes deaths from March 2020 through January 2022.

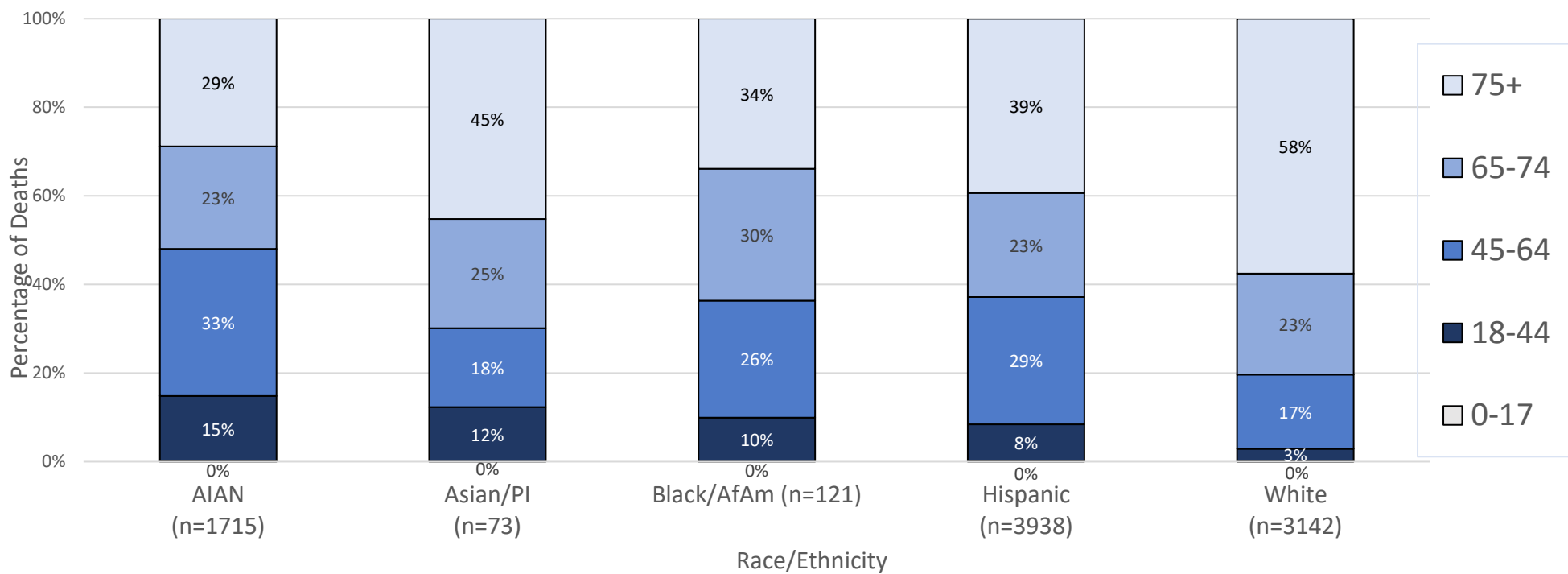
## Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Subtotal <sup>1</sup>	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
<b>AIAN</b>	1542	64	14	9	7	9	17	14	6	11	7	7	8	0	1715
<b>Asian</b>	54	3	1	0	1	1	4	2	1	0	1	5	0	0	73
<b>Black</b>	91	5	5	1	0	3	6	4	1	0	3	2	0	0	121
<b>Hispanic</b>	3349	181	67	24	21	43	53	47	33	28	35	38	19	0	3938
<b>White</b>	2431	185	72	23	24	58	74	61	41	39	48	61	24	1	3142

<sup>1</sup> – The subtotal column includes deaths from March 2020 through January 2022.

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



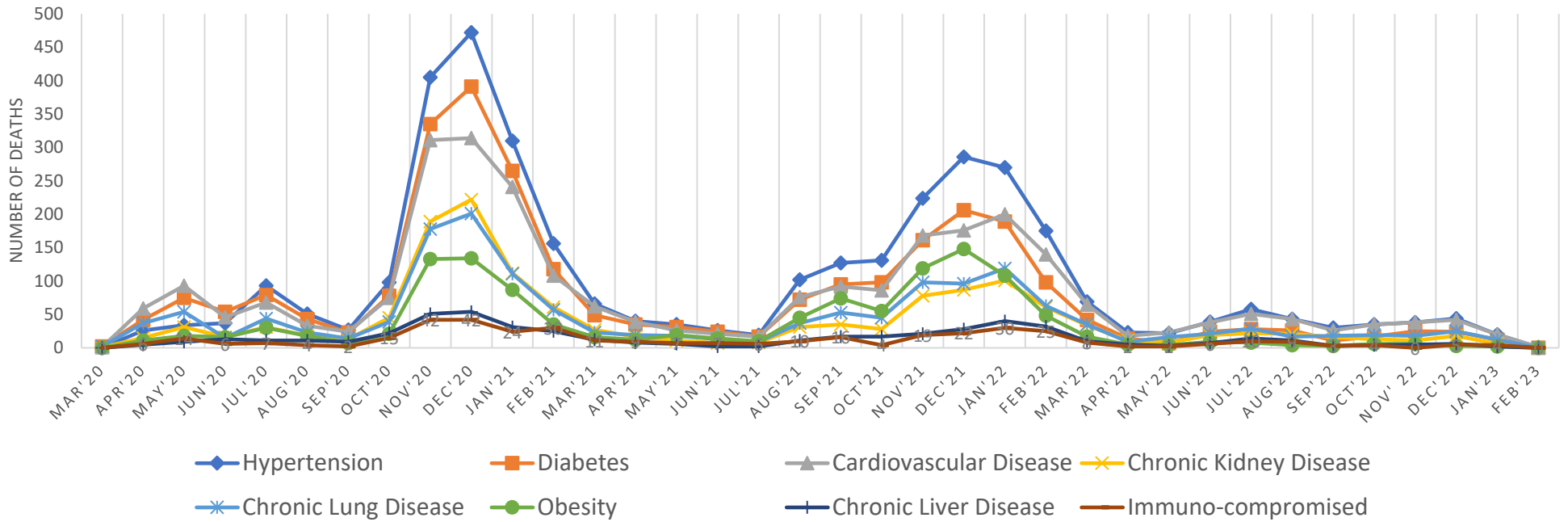
**Number of deaths by New Mexico County of residence each month**

County of Residence	Subtotal <sup>1</sup>	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
<b>Bernalillo</b>	1766	117	47	15	14	50	52	38	22	27	37	29	9	0	2223
<b>Dona Ana</b>	793	46	15	5	7	5	19	10	10	4	1	11	4	0	930
<b>San Juan</b>	752	34	10	9	2	3	10	12	5	5	12	7	4	0	865
<b>McKinley</b>	585	22	6	1	1	2	9	7	5	4	3	4	4	0	653
<b>Sandoval</b>	413	27	10	4	4	6	7	8	7	4	4	11	2	1	508
<b>Lea</b>	360	18	7	4	0	1	4	6	5	1	0	2	1	0	409
<b>Santa Fe</b>	281	12	10	3	7	17	9	15	6	11	11	9	4	0	395
<b>Chaves</b>	312	23	10	0	2	1	2	5	1	0	1	0	4	0	361
<b>Eddy</b>	282	18	8	2	1	1	3	1	6	0	0	2	0	0	324
<b>Valencia</b>	253	17	9	3	2	2	7	6	2	6	8	5	4	0	324
<b>Curry</b>	197	22	0	4	3	2	2	1	1	0	1	1	1	0	235
<b>Otero</b>	180	17	2	1	1	5	4	4	3	3	1	6	1	0	228
<b>Cibola</b>	189	6	4	0	1	2	2	0	1	2	3	0	1	0	211
<b>Rio Arriba</b>	131	9	4	1	1	1	5	5	1	1	2	4	1	0	166
<b>Luna</b>	127	7	4	2	0	2	2	3	1	0	0	2	2	0	152
<b>Grant</b>	92	5	2	1	1	4	2	1	0	1	2	3	2	0	116
<b>Roosevelt</b>	103	3	1	1	0	0	0	1	1	0	0	1	0	0	111
<b>Taos</b>	85	7	0	0	1	3	1	0	2	3	3	1	0	0	106
<b>Socorro</b>	88	3	0	0	0	3	3	1	0	0	2	1	1	0	102
<b>Sierra</b>	78	2	0	0	1	2	1	0	1	1	0	0	1	0	87
<b>San Miguel</b>	60	5	2	2	2	0	4	1	0	1	0	7	2	0	86
<b>Lincoln</b>	64	6	0	0	0	0	1	0	0	0	1	2	1	0	75
<b>Colfax</b>	64	2	1	0	0	0	1	0	0	2	0	0	1	0	71
<b>Quay</b>	60	4	1	0	0	1	2	0	1	0	0	1	0	0	70
<b>Torrance</b>	55	3	1	0	0	0	1	0	0	1	0	1	0	0	62
<b>Los Alamos</b>	13	2	1	0	0	2	2	3	0	0	0	2	0	0	25
<b>Catron</b>	18	2	1	0	1	0	0	0	0	0	1	0	0	0	23
<b>Mora</b>	18	0	1	0	1	0	0	0	0	0	1	1	0	0	22
<b>Union</b>	17	0	1	0	0	0	0	0	0	1	0	0	0	0	19
<b>Guadalupe</b>	16	1	0	0	0	0	0	0	1	0	0	0	0	0	18
<b>Hidalgo</b>	15	0	1	0	0	0	0	0	0	0	0	0	1	0	17
<b>De Baca</b>	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
<b>Harding</b>	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
<b>Total</b>	7477	440	159	58	53	115	155	128	82	78	94	113	51	1	9004

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



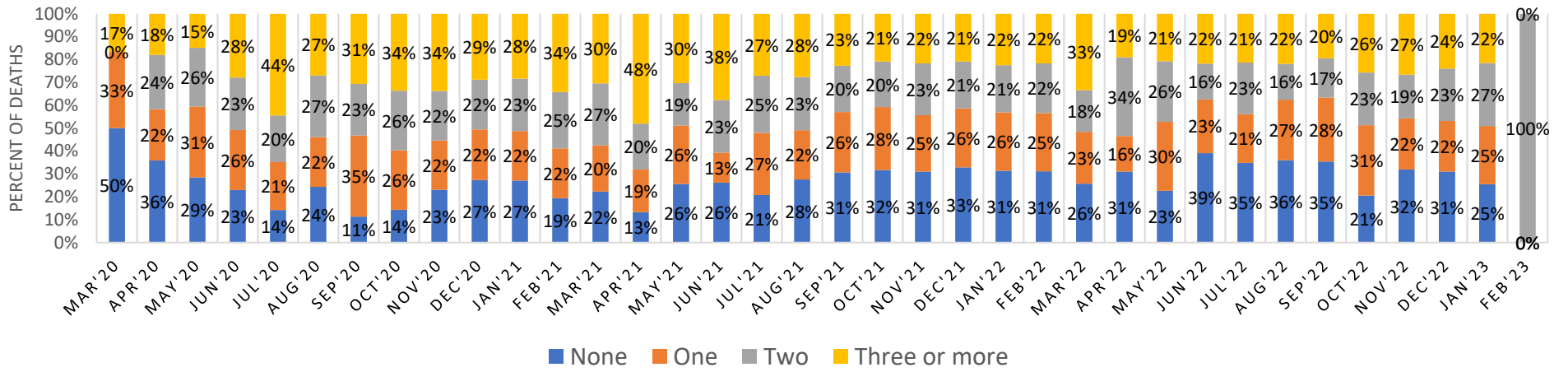
## Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Subtotal <sup>1</sup>	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
<b>Hypertension</b>	3035	175	69	23	22	39	58	43	30	35	38	44	20	1	3632
<b>Diabetes</b>	2482	98	42	14	7	24	28	26	11	17	25	24	12	0	2810
<b>Cardiovascular Disease</b>	2336	140	65	18	23	38	51	43	26	35	38	42	20	1	2876
<b>Chronic Kidney Disease</b>	1184	61	34	11	8	19	22	21	16	13	11	18	6	0	1424
<b>Chronic Lung Disease</b>	1305	63	35	9	16	21	29	17	18	19	18	25	12	0	1587
<b>Obesity</b>	1130	48	17	5	4	9	8	4	3	6	6	3	2	0	1245
<b>Chronic Liver Disease</b>	405	32	10	5	3	7	14	11	3	4	5	6	2	0	507
<b>Immuno-compromised</b>	333	25	8	2	2	6	10	9	3	4	0	5	4	0	411

<sup>1</sup> – The subtotal column includes deaths from March 2020 through January 2022.

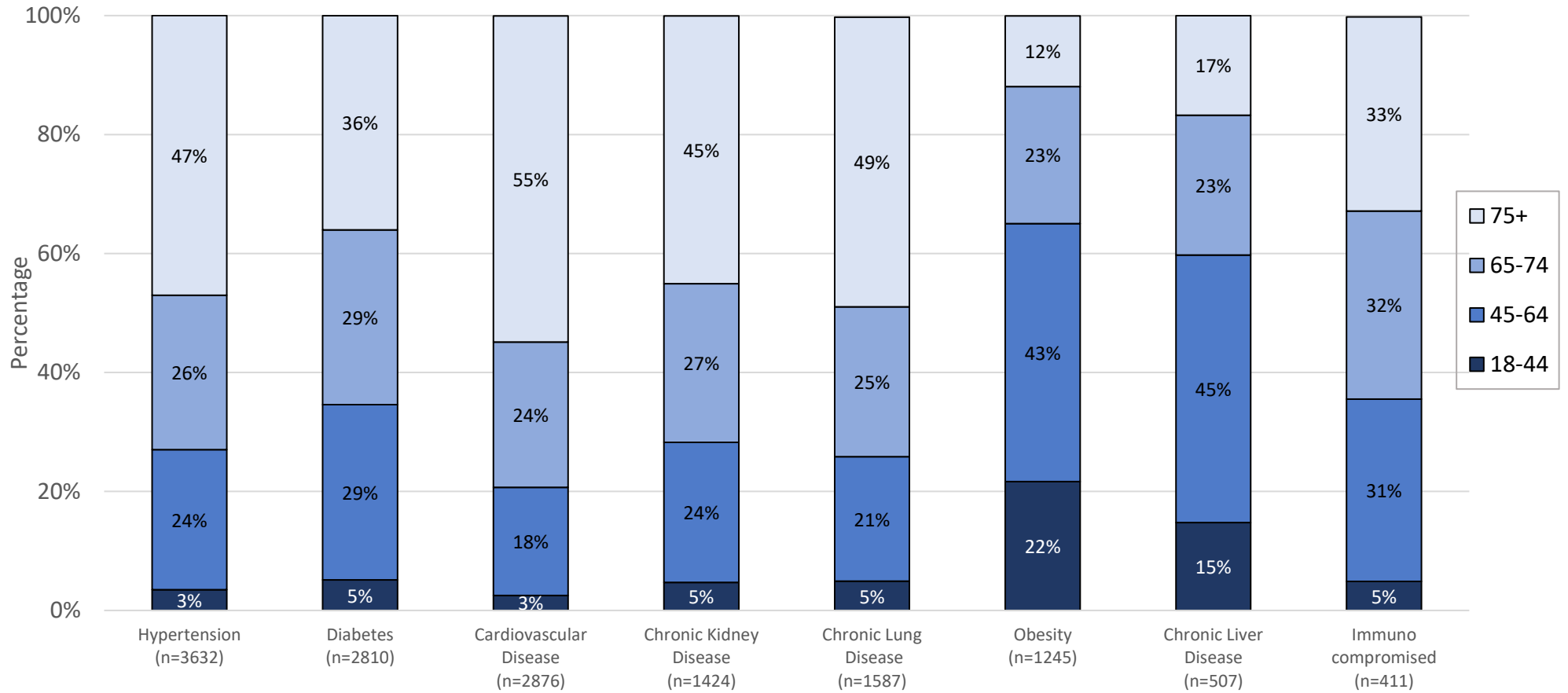
## Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Subtotal <sup>1</sup>	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
<b>None</b>	2032	137	41	18	12	45	54	46	29	16	30	35	13	0	2508
<b>One</b>	1782	112	36	9	16	27	33	34	23	24	21	25	13	0	2155
<b>Two</b>	1655	96	29	20	14	18	35	20	14	18	18	26	14	1	1978
<b>Three or more</b>	2008	95	53	11	11	25	33	28	16	20	25	27	11	0	2363
<b>Total</b>	7477	440	159	58	53	115	155	128	82	78	94	113	51	1	9004

<sup>1</sup> – The subtotal column includes deaths from March 2020 through January 2022.

## Percentage of Deaths by Underlying Condition and Age Group



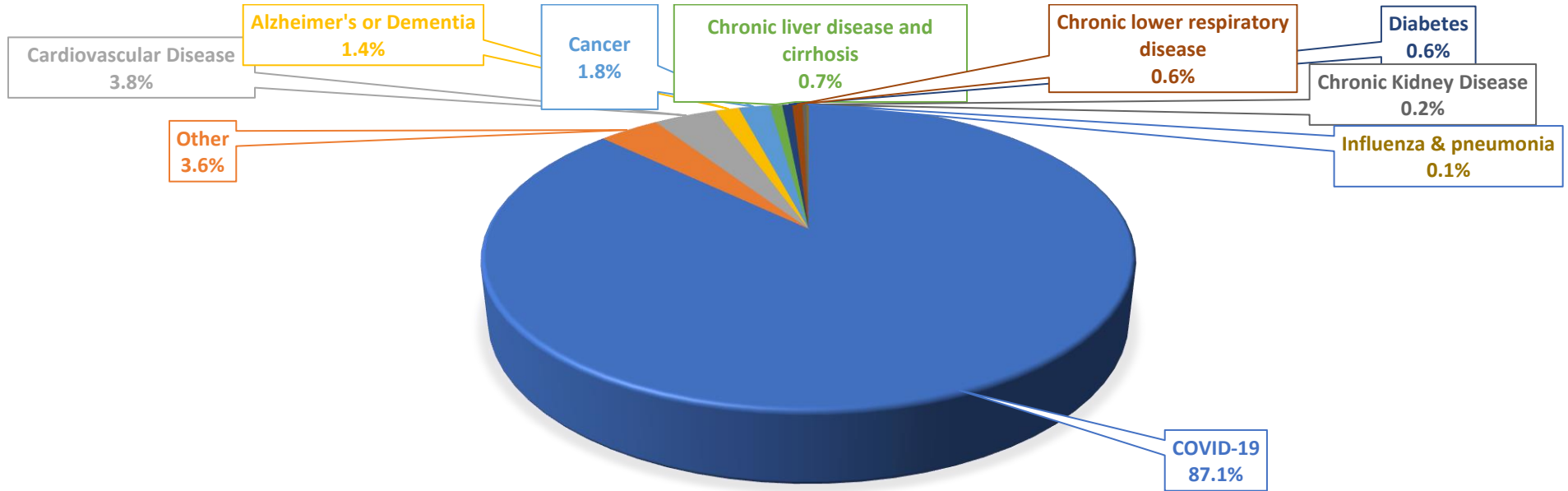
## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result <sup>1</sup>	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
<b>Yes</b>	<b>Yes</b>	7978	88.6%
<b>Yes</b>	<b>No</b>	339 <sup>2</sup>	3.8%
<b>No</b>	<b>Yes</b>	687	7.6%
<b>Total</b>		9004	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.

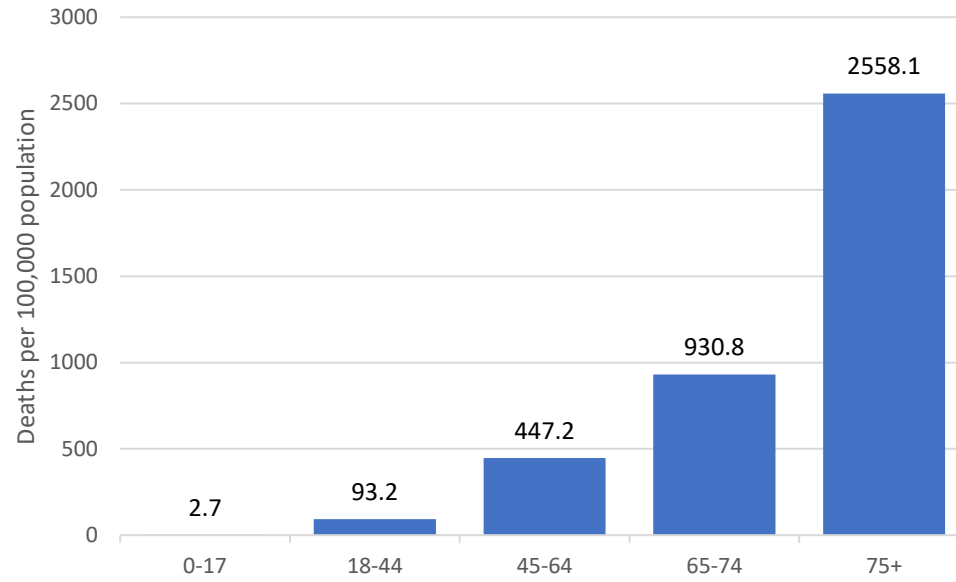
## Number and percent of deaths by underlying cause of death on the death certificate



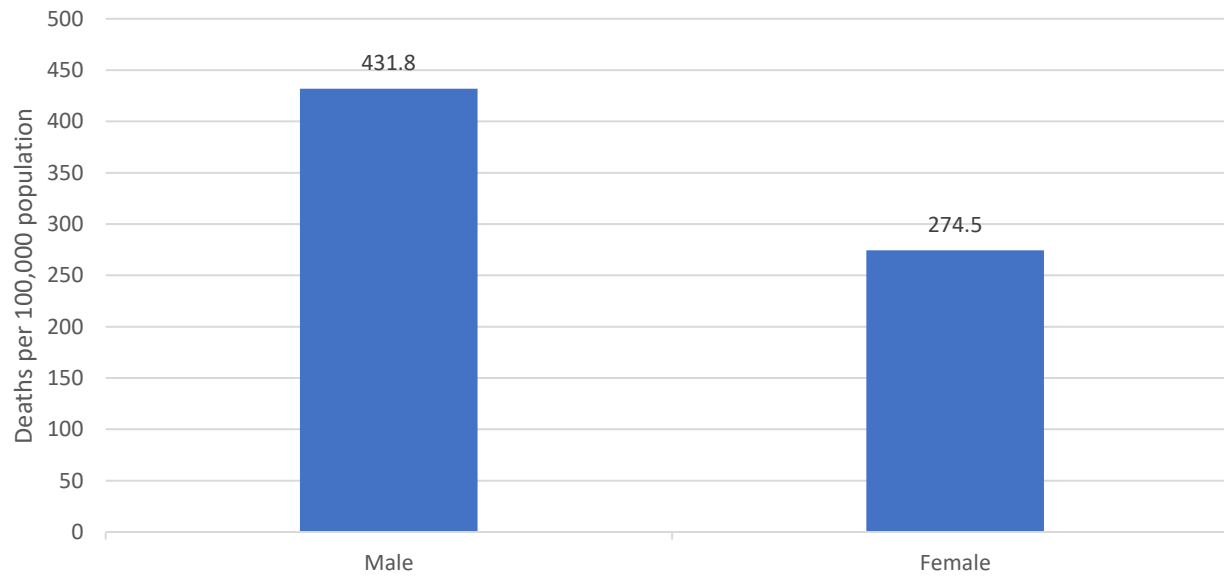
Underlying Cause	Number of Deaths*	Percent
COVID-19	7575	87.1%
Other	312	3.6%
Cardiovascular Disease	327	3.8%
Alzheimer's or Dementia	121	1.4%
Cancer	160	1.8%
Chronic liver disease and cirrhosis	65	0.7%
Diabetes	52	0.6%
Chronic lower respiratory disease	53	0.6%
Chronic Kidney Disease	21	0.2%
Influenza & pneumonia	9	0.1%
<b>Total</b>	<b>8695</b>	<b>100.0%</b>
*Excludes 309 (3%) deaths which have not yet been coded by the National Center for Health Statistics.		

## SECTION 2: MORTALITY RATES

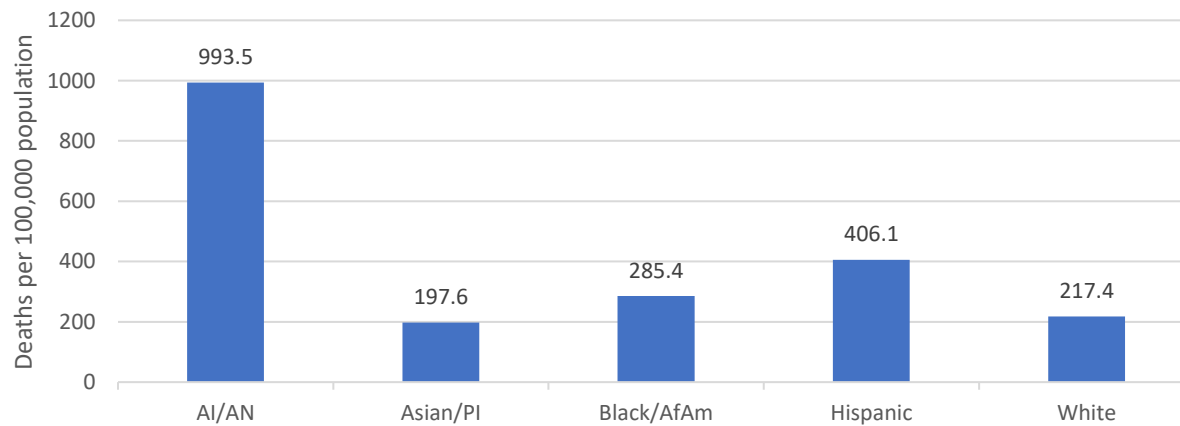
### Mortality Rate per 100,000 Population by Age Group



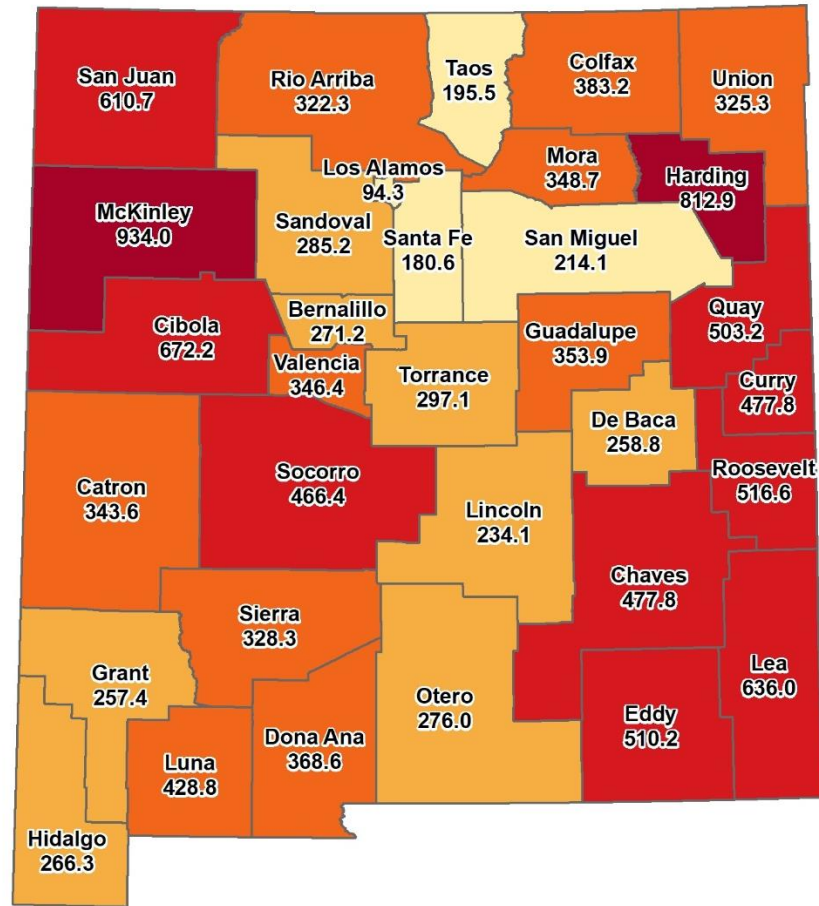
### Age-adjusted Mortality Rate per 100,000 Population by Gender



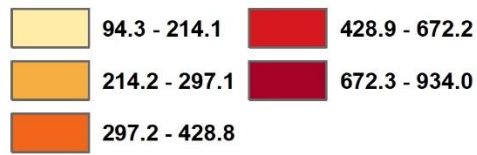
### Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



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

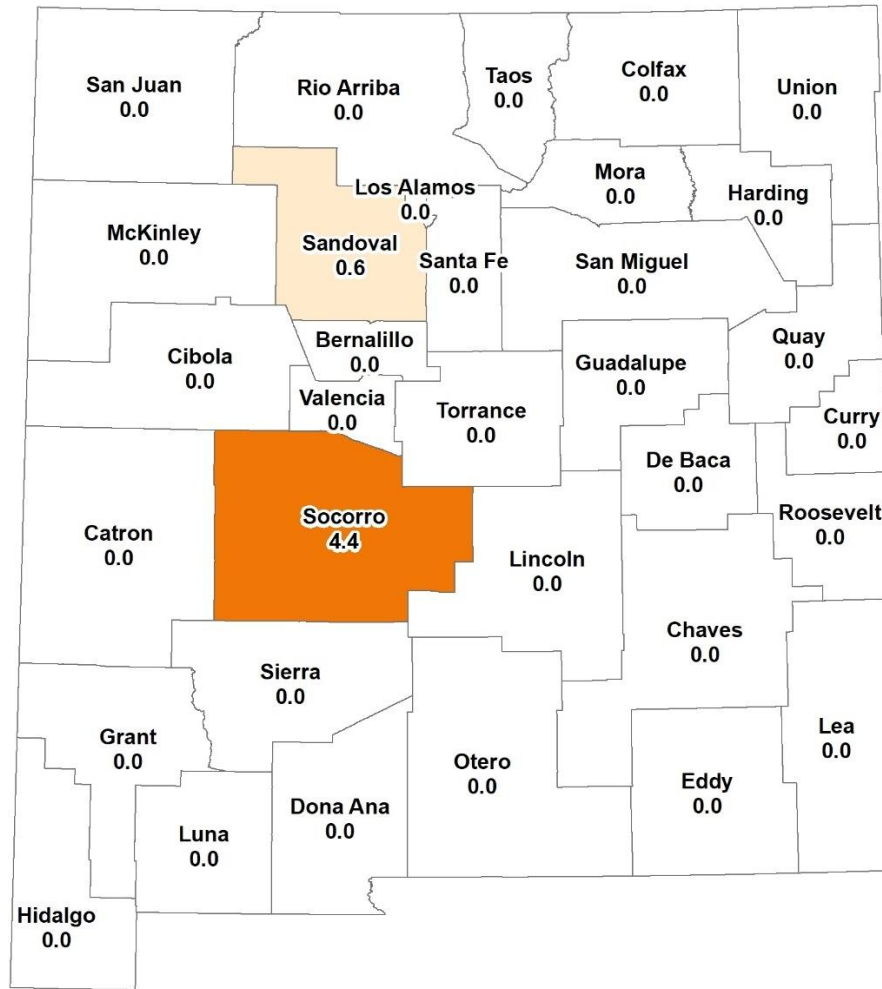


### Rate Per 100,000 Population





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

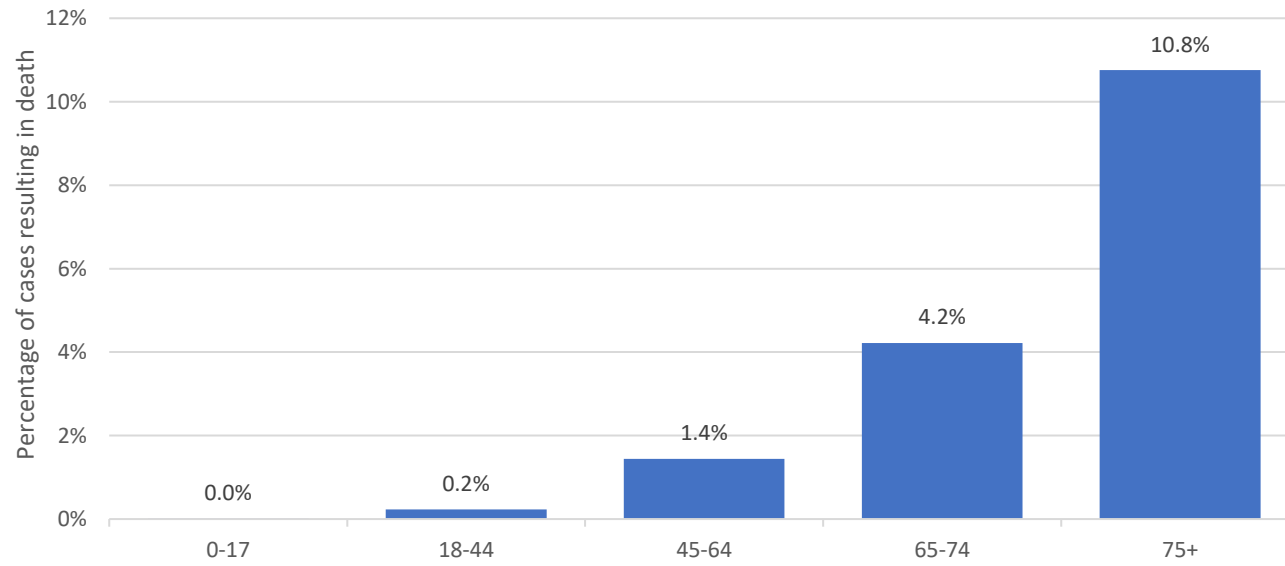


Rate Per 100,000 Population

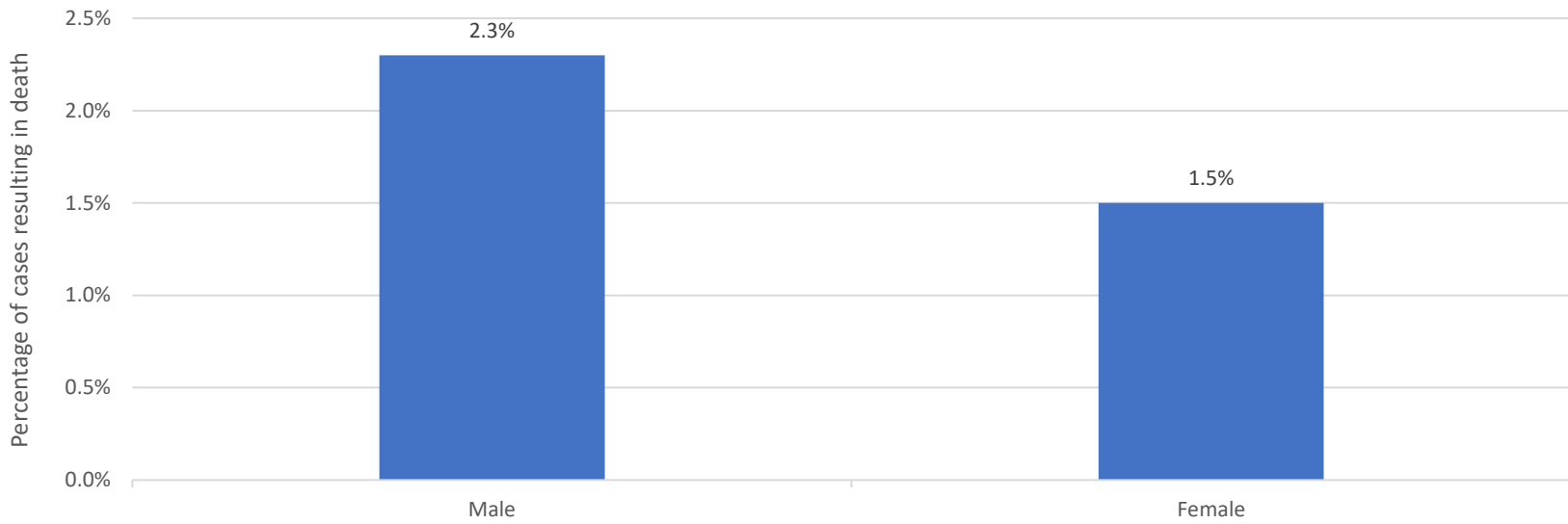


## SECTION 3: CASE FATALITY RATES

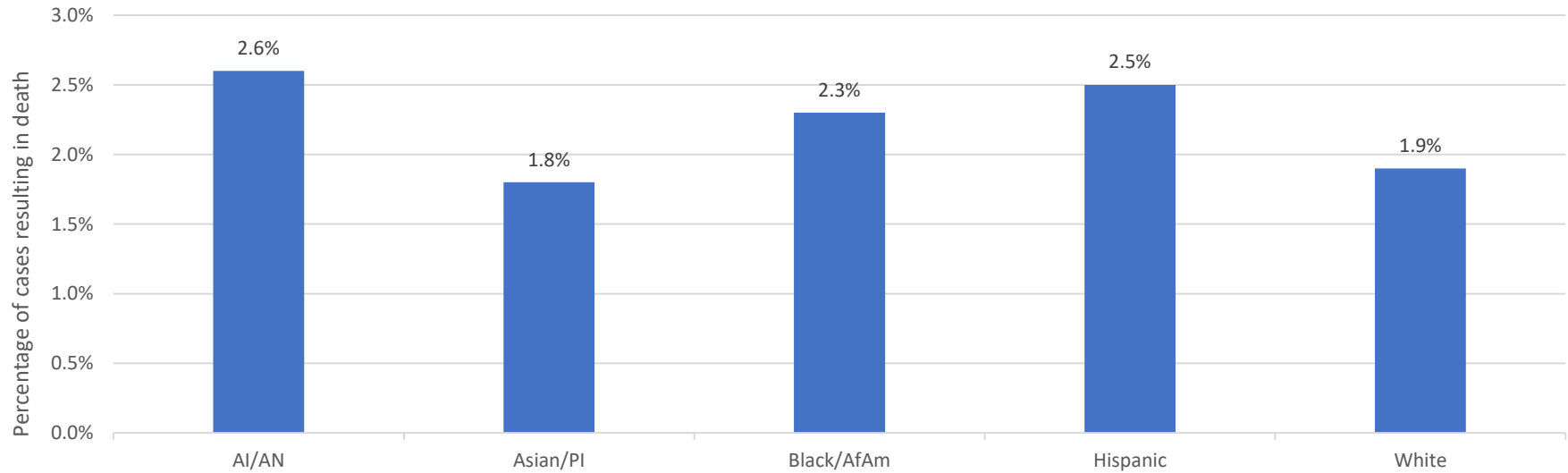
### Case Fatality Rate by Age Group



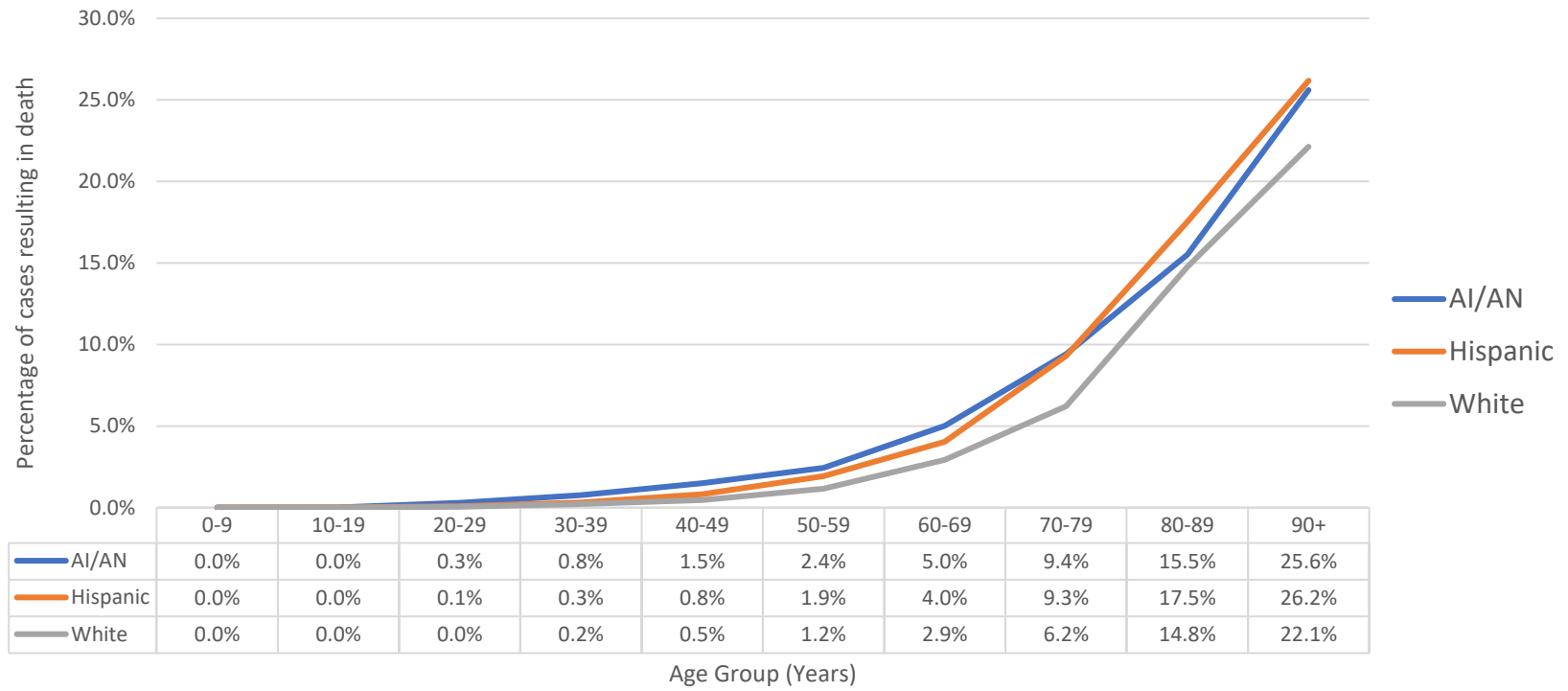
### Age-adjusted\* Case Fatality Rate by Gender



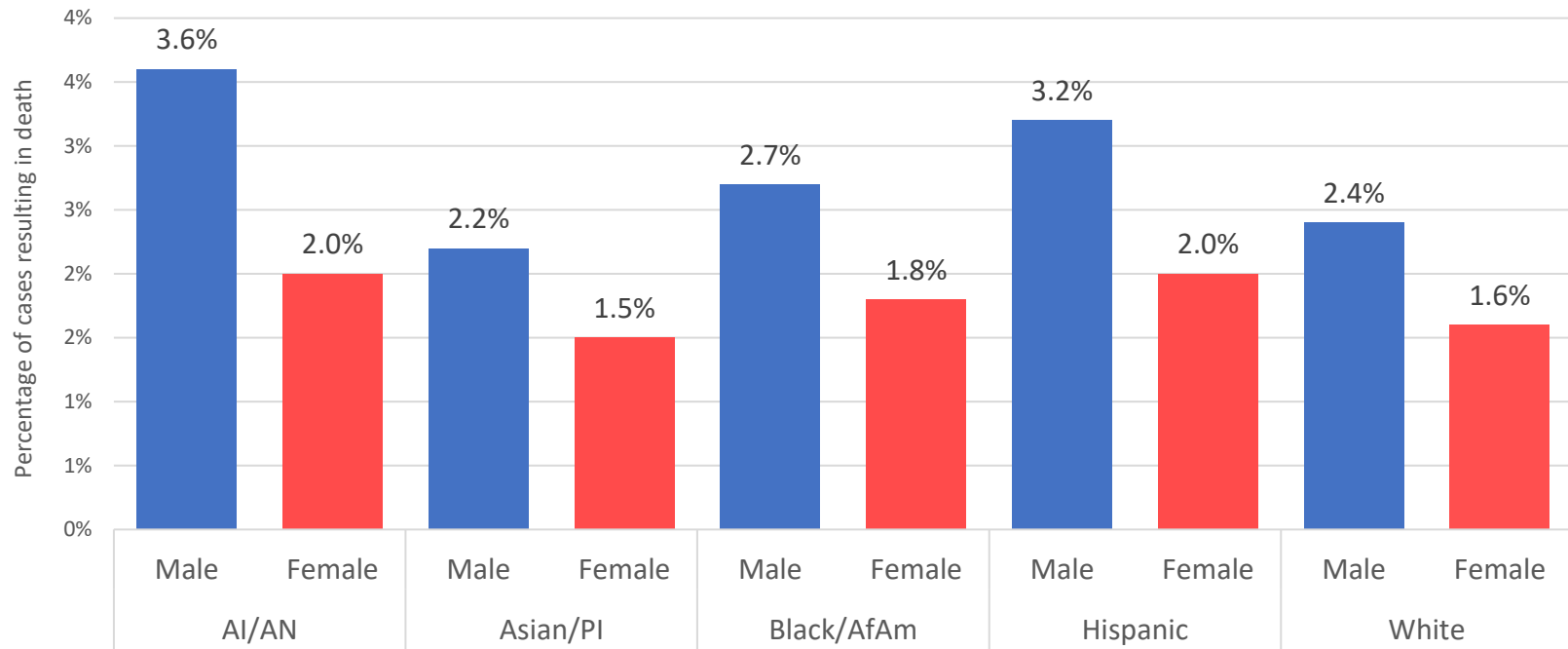
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



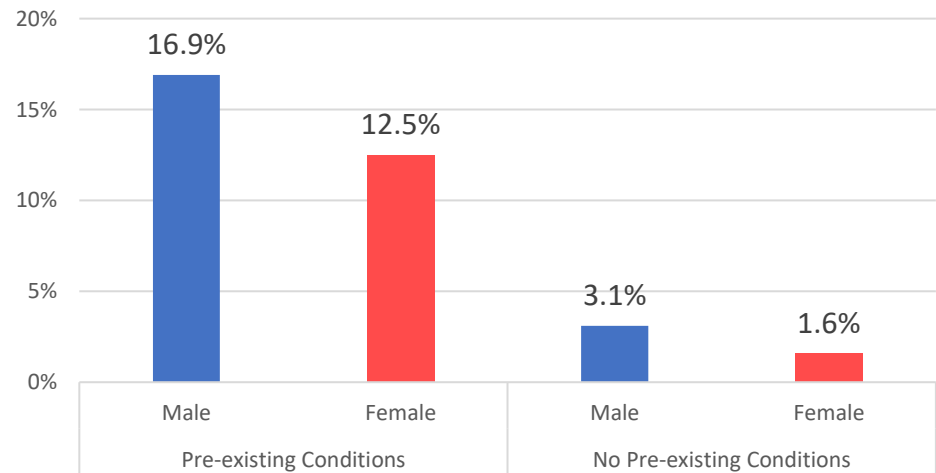
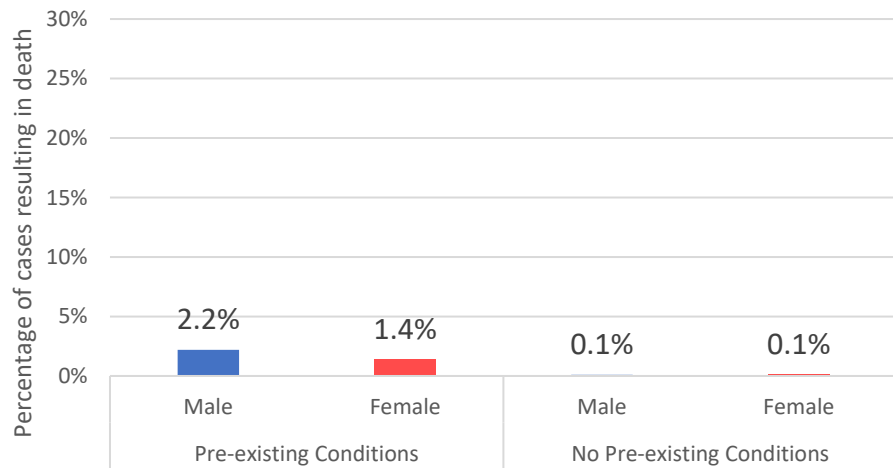
### Case Fatality Rate by Race/Ethnicity and Age Group



### 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.