

# NEW MEXICO COVID-19 MORTALITY UPDATE

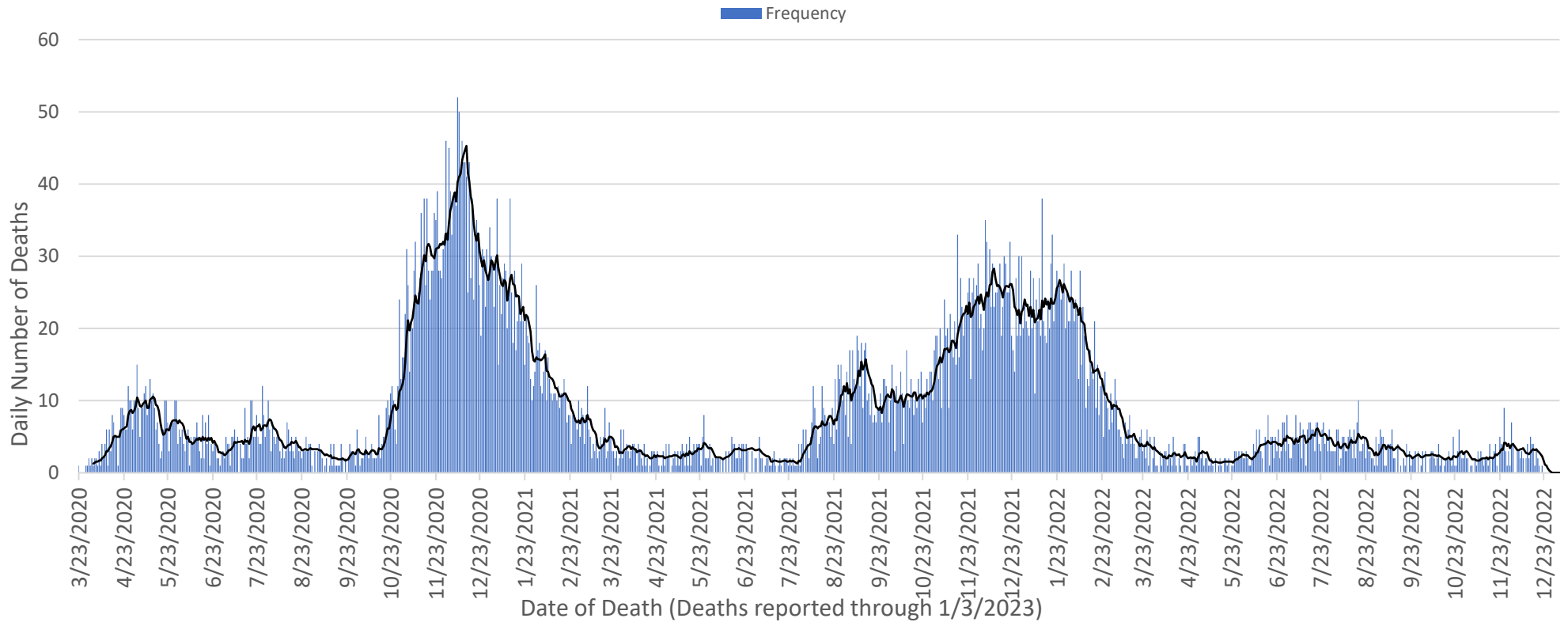
January 2, 2023

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

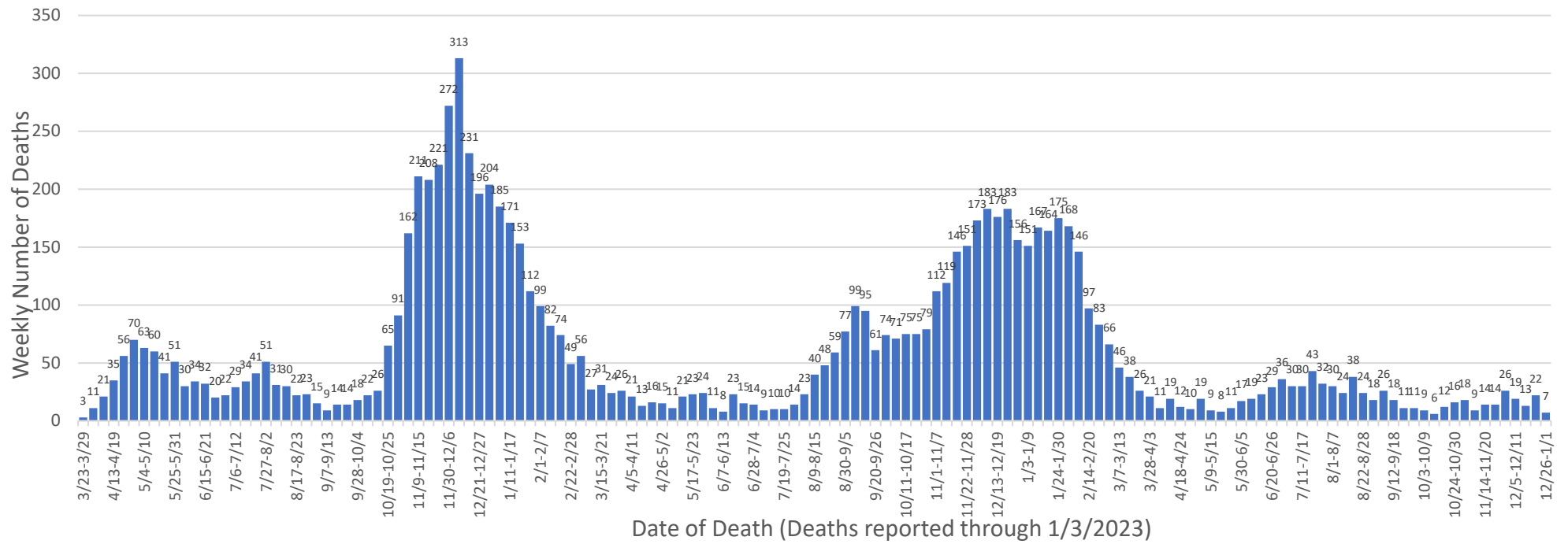
Total Deaths	Deaths in the Last 14 Days
8,815	29

## SECTION 1: DEATH COUNTS

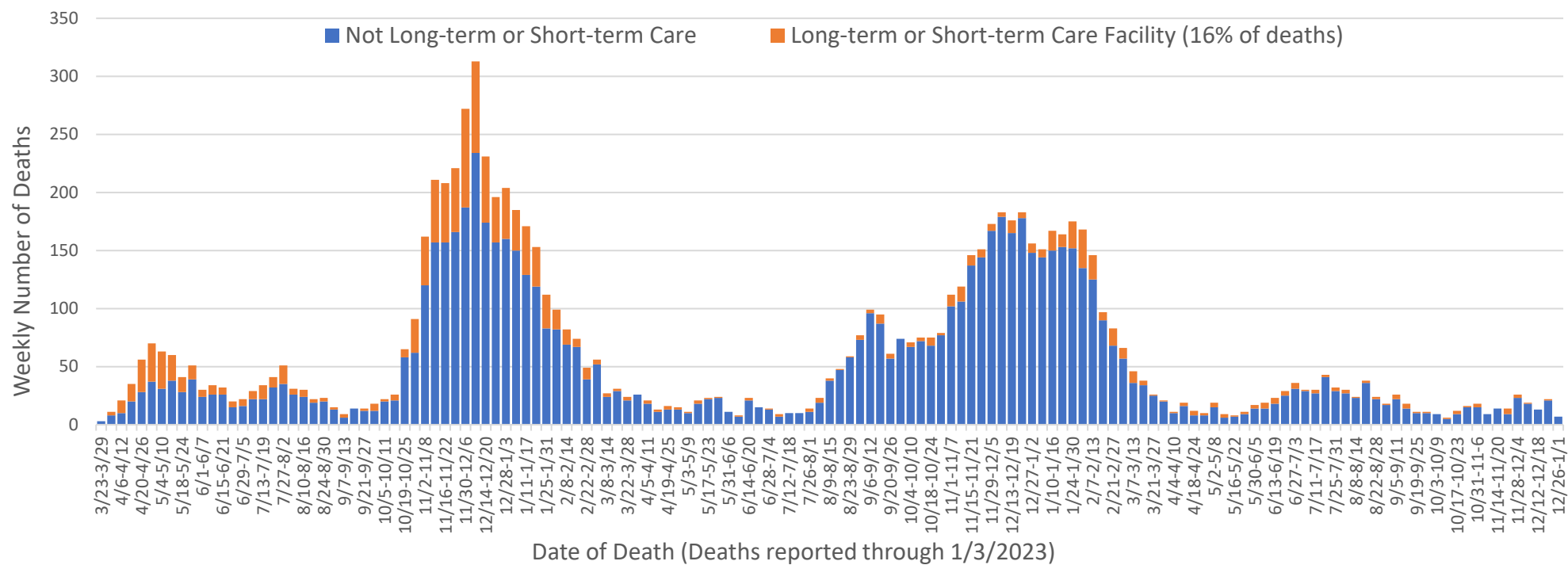
### Daily Number of Deaths and 7-day Moving Average



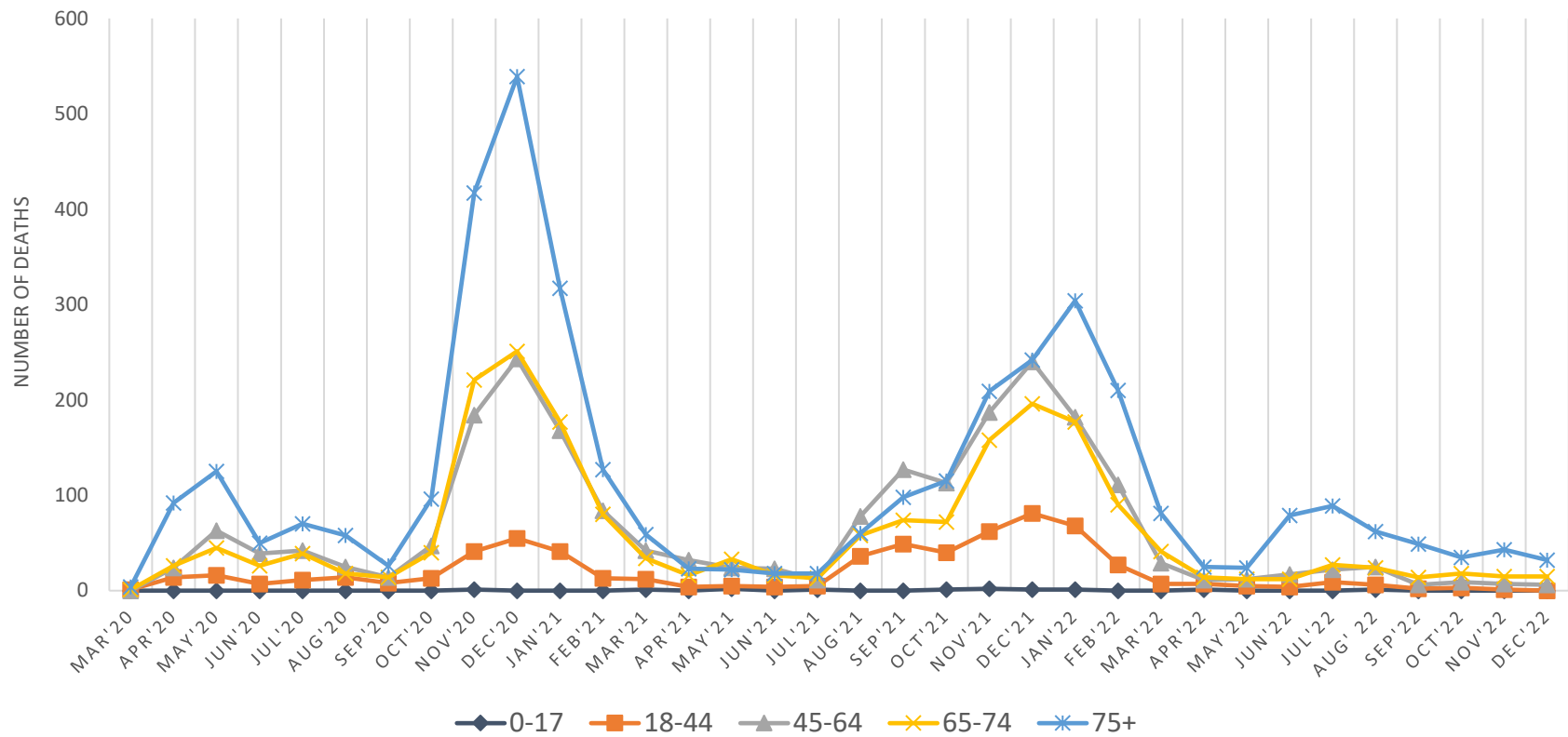
## Number of Deaths Each Week



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



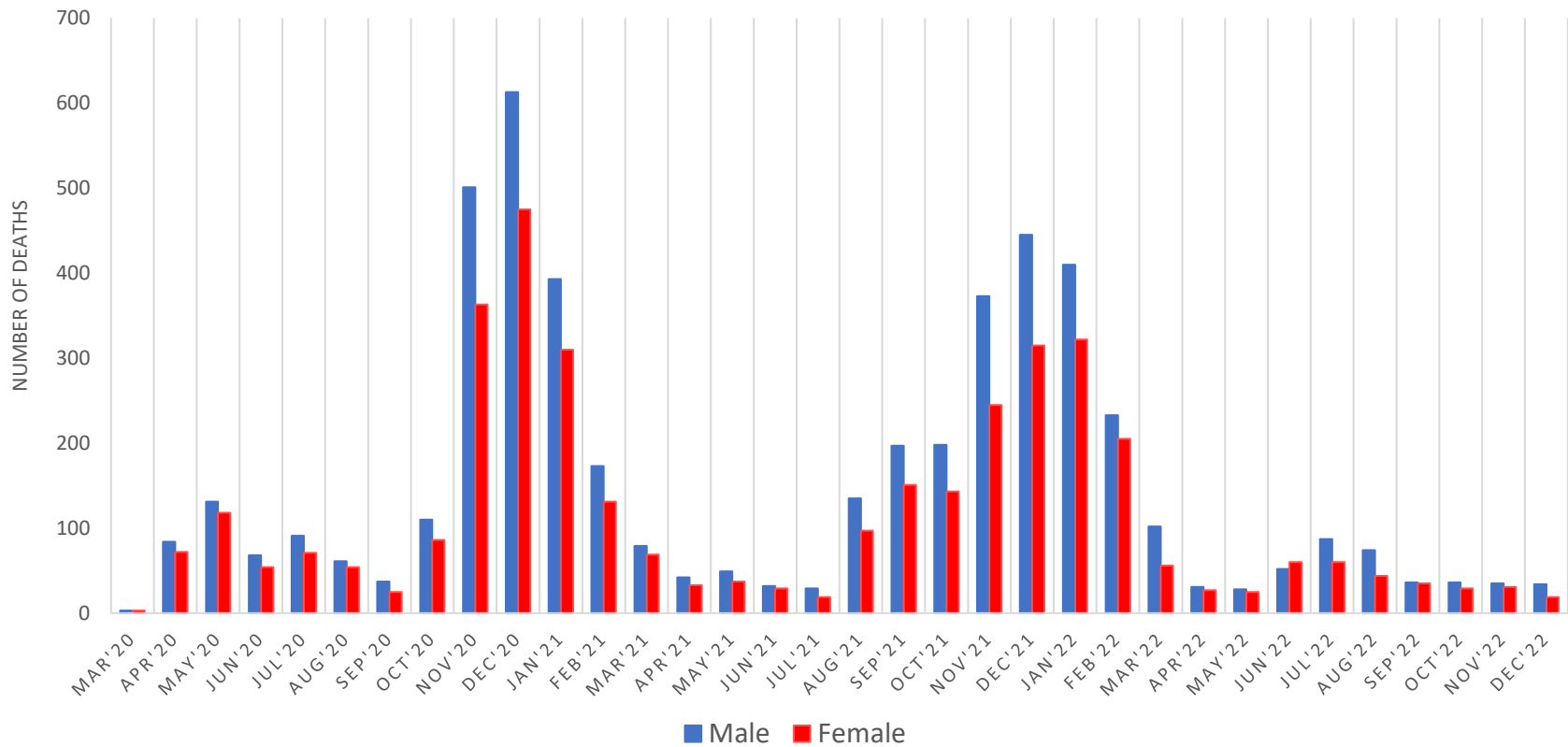
## Number of Deaths by Age Group Each Month



Age Group (years)	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
<b>0-17</b>	9	1	0	0	1	0	0	0	1	0	0	0	0	12
<b>18-44</b>	532	68	27	7	7	5	4	9	6	2	3	1	0	671
<b>45-64</b>	1810	182	111	29	11	12	17	22	25	6	9	7	6	2247
<b>65-74</b>	1608	177	90	41	14	12	12	27	24	14	18	15	15	2067
<b>75+</b>	2785	304	210	81	25	24	79	89	62	49	35	43	32	3818
<b>Total</b>	6744	732	438	158	58	53	112	147	118	71	65	66	53	8815

<sup>1</sup> – The subtotal column includes deaths from March 2020 through December 2021.

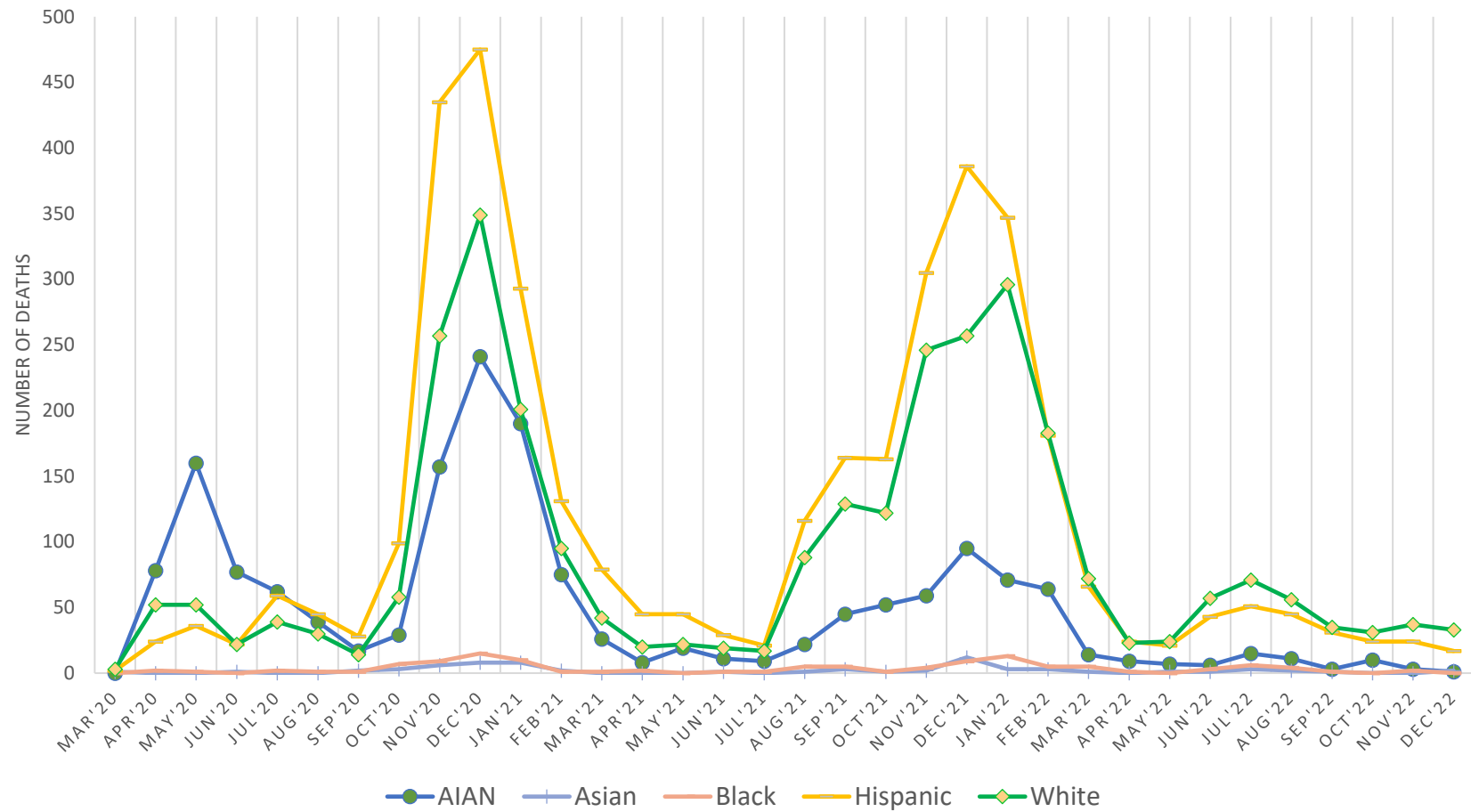
## Number of Deaths by Gender Each Month



Gender	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
<b>Female</b>	2900	322	205	56	27	25	60	60	44	35	29	31	19	3813
<b>Male</b>	3844	410	233	102	31	28	52	87	74	36	36	35	34	5002
<b>Total</b>	6744	732	438	158	58	53	112	147	118	71	65	66	53	8815

1 – The subtotal column includes deaths from March 2020 through December 2021.

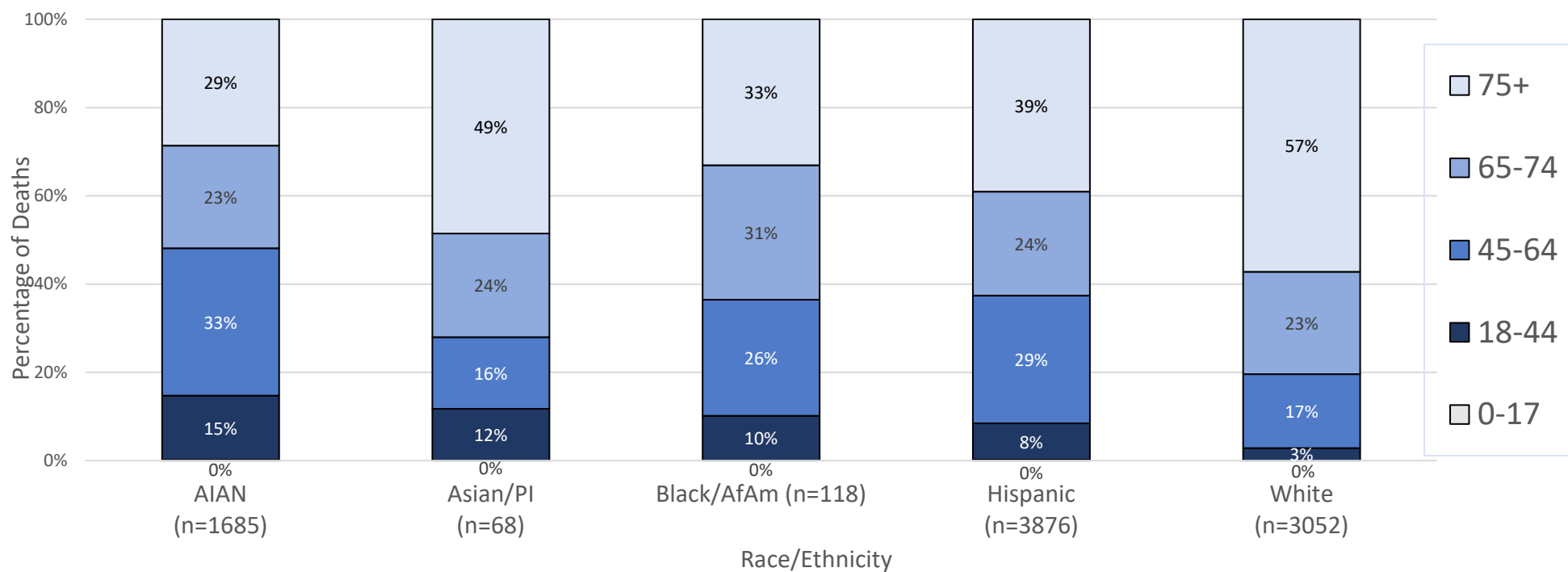
## Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
<b>AIAN</b>	1471	71	64	14	9	7	6	15	11	3	10	3	1	1685
<b>Asian</b>	51	3	3	1	0	1	1	3	2	1	0	0	2	68
<b>Black</b>	78	13	5	5	1	0	3	6	4	1	0	2	0	118
<b>Hispanic</b>	3002	347	181	66	24	21	43	51	45	31	24	24	17	3876
<b>White</b>	2134	296	183	72	23	24	57	71	56	35	31	37	33	3052

<sup>1</sup> – The subtotal column includes deaths from March 2020 through December 2021.

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



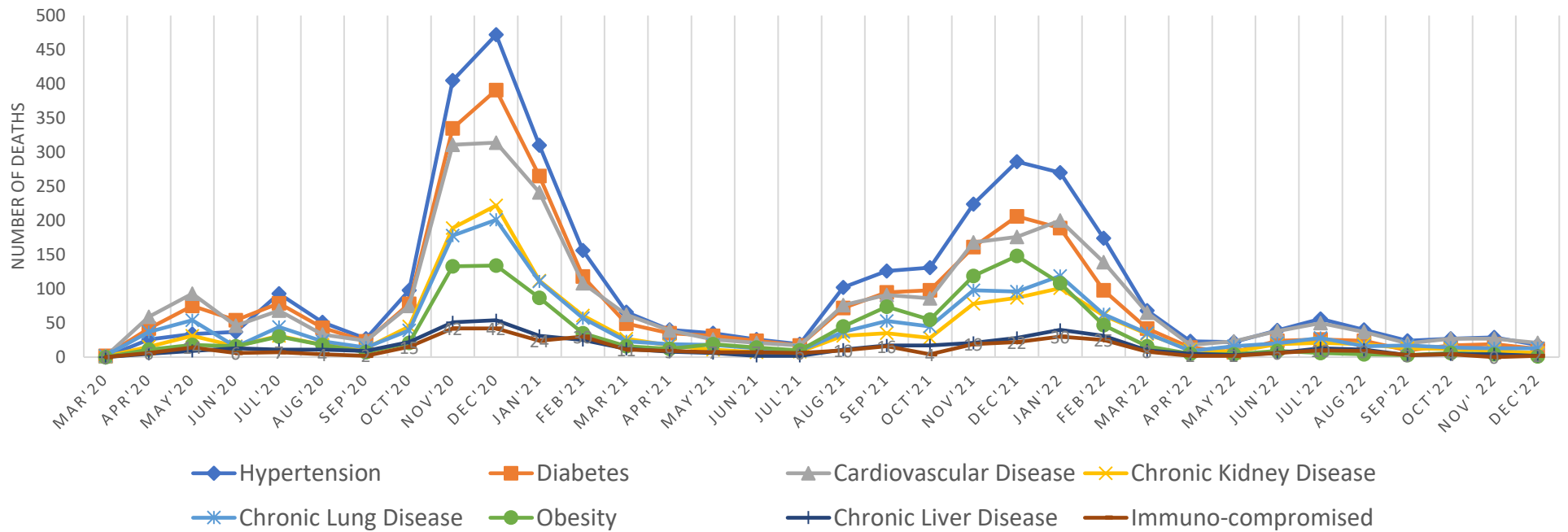
**Number of deaths by New Mexico County of residence each month**

County of Residence	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
<b>Bernalillo</b>	1572	193	116	47	15	14	48	50	37	19	25	22	10	2168
<b>Dona Ana</b>	708	85	46	15	5	7	5	18	9	10	4	1	6	919
<b>San Juan</b>	720	32	33	10	9	2	3	10	10	4	5	7	4	849
<b>McKinley</b>	560	25	22	6	1	1	2	8	6	3	3	0	2	639
<b>Sandoval</b>	365	48	27	9	4	4	6	6	6	6	4	3	5	493
<b>Lea</b>	321	39	18	7	4	0	1	4	6	5	0	0	1	406
<b>Santa Fe</b>	237	44	12	10	3	7	17	9	14	3	7	10	4	377
<b>Chaves</b>	268	44	23	10	0	2	1	2	5	1	0	1	0	357
<b>Eddy</b>	259	23	18	8	2	1	1	3	1	6	0	0	1	323
<b>Valencia</b>	226	27	17	9	3	2	2	6	6	2	5	7	5	317
<b>Curry</b>	168	29	22	0	4	3	2	2	1	1	0	1	0	233
<b>Otero</b>	167	13	17	2	1	1	4	4	4	3	3	1	3	223
<b>Cibola</b>	178	11	6	4	0	1	2	2	0	0	2	3	0	209
<b>Rio Arriba</b>	120	11	9	4	1	1	1	4	5	1	1	2	1	161
<b>Luna</b>	121	6	7	4	2	0	2	2	3	1	0	0	1	149
<b>Grant</b>	83	9	5	2	1	1	4	2	0	0	0	2	2	111
<b>Roosevelt</b>	94	9	3	1	1	0	0	0	1	1	0	0	0	110
<b>Taos</b>	76	9	7	0	0	1	3	1	0	2	3	2	0	104
<b>Socorro</b>	78	10	3	0	0	0	3	2	1	0	0	2	1	100
<b>Sierra</b>	73	5	2	0	0	1	2	1	0	1	0	0	0	85
<b>San Miguel</b>	48	12	5	2	2	2	0	4	1	0	1	0	3	80
<b>Lincoln</b>	52	12	6	0	0	0	0	1	0	0	0	1	1	73
<b>Quay</b>	51	9	4	1	0	0	1	2	0	1	0	0	1	70
<b>Colfax</b>	61	3	2	1	0	0	0	1	0	0	1	0	0	69
<b>Torrance</b>	51	4	3	1	0	0	0	1	0	0	0	0	0	60
<b>Los Alamos</b>	11	2	2	1	0	0	2	2	2	0	0	0	1	23
<b>Catron</b>	13	5	2	1	0	1	0	0	0	0	0	0	0	22
<b>Mora</b>	15	3	0	1	0	1	0	0	0	0	0	1	1	22
<b>Union</b>	14	3	0	1	0	0	0	0	0	0	1	0	0	19
<b>Guadalupe</b>	15	1	1	0	0	0	0	0	0	1	0	0	0	18
<b>Hidalgo</b>	12	3	0	1	0	0	0	0	0	0	0	0	0	16
<b>De Baca</b>	3	3	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	4
<b>Total</b>	6744	732	438	158	58	53	112	147	118	71	65	66	53	8815

1 – The subtotal column includes deaths from March 2020 through December 2021.



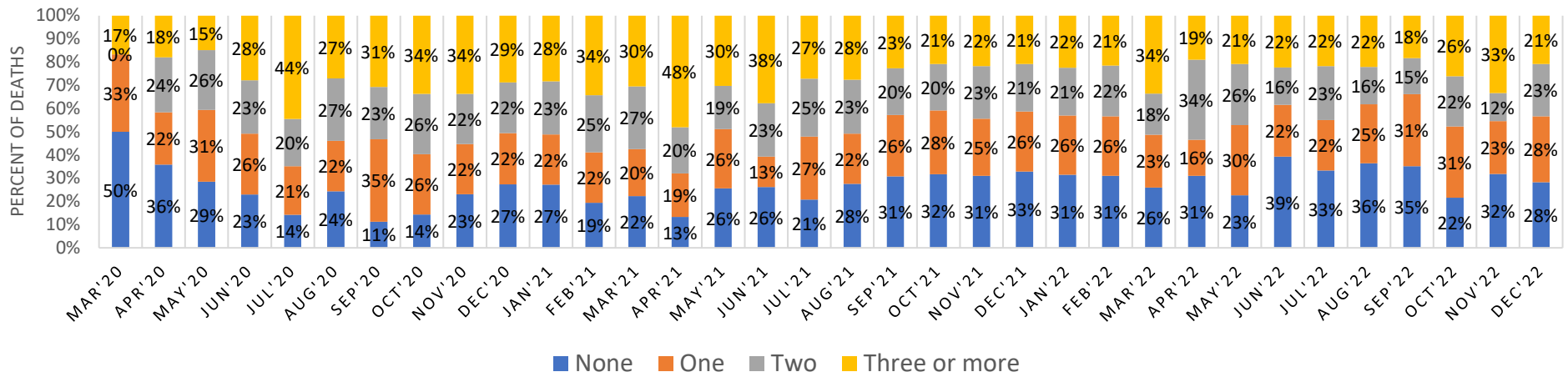
## Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
<b>Hypertension</b>	2764	270	174	68	23	22	39	56	40	24	27	29	18	3554
<b>Diabetes</b>	2293	189	98	42	14	7	24	26	24	10	17	19	12	2775
<b>Cardiovascular Disease</b>	2135	200	139	65	18	23	38	50	37	20	27	27	21	2800
<b>Chronic Kidney Disease</b>	1083	101	61	34	11	8	19	21	19	13	12	9	6	1397
<b>Chronic Lung Disease</b>	1186	119	63	35	9	16	20	28	16	17	14	13	13	1549
<b>Obesity</b>	1022	108	47	16	5	4	9	6	4	3	6	4	1	1235
<b>Chronic Liver Disease</b>	365	40	31	10	5	3	6	13	11	3	4	4	2	497
<b>Immuno-compromised</b>	303	30	25	8	2	2	6	10	9	3	4	0	2	404

1 – The subtotal column includes deaths from March 2020 through December 2021.

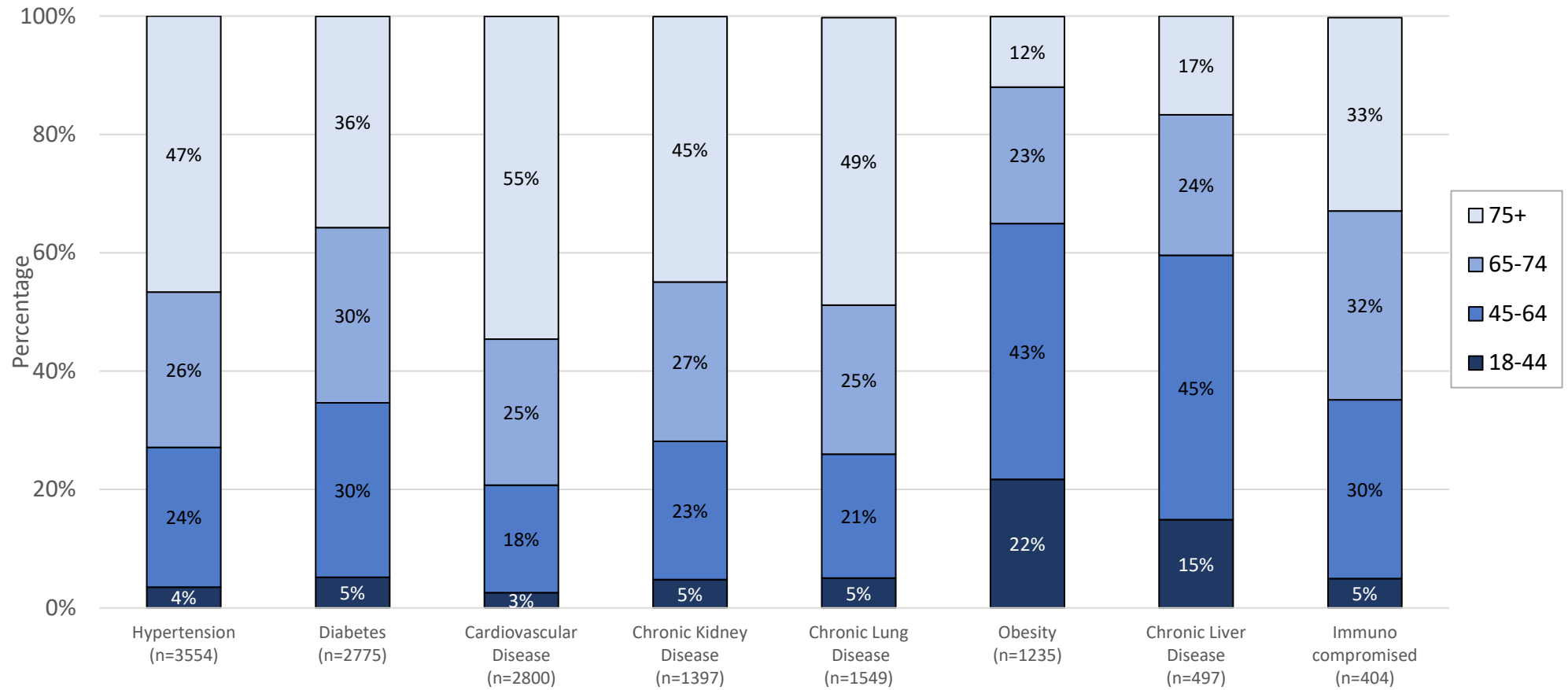
## Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Subtotal <sup>1</sup>	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Nov'22	Dec'22	Total
None	1802	230	136	41	18	12	44	49	43	25	14	21	15	2450
One	1595	187	112	36	9	16	25	32	30	22	20	15	15	2114
Two	1503	151	96	28	20	14	18	34	19	11	14	8	12	1928
Three or more	1844	164	94	53	11	11	25	32	26	13	17	22	11	2323
<b>Total</b>	<b>6744</b>	<b>732</b>	<b>438</b>	<b>158</b>	<b>58</b>	<b>53</b>	<b>112</b>	<b>147</b>	<b>118</b>	<b>71</b>	<b>65</b>	<b>66</b>	<b>53</b>	<b>8815</b>

<sup>1</sup> – The subtotal column includes deaths from March 2020 through December 2021.

## Percentage of Deaths by Underlying Condition and Age Group



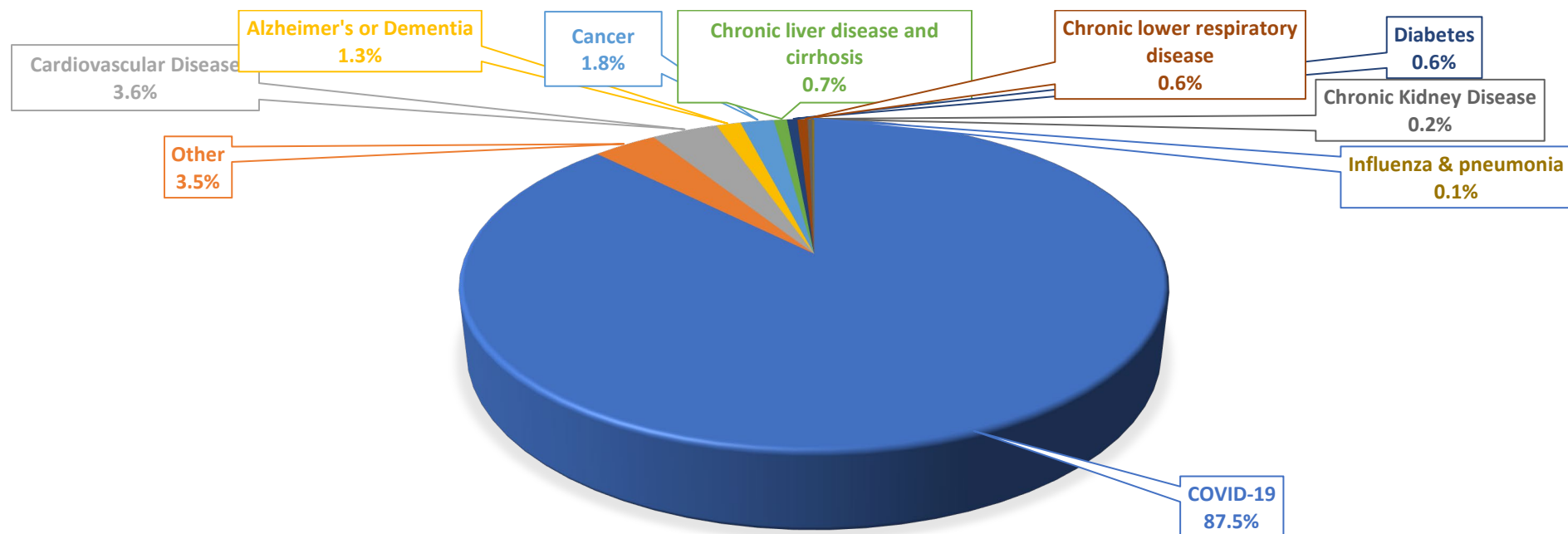
## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

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>	7825	88.8%
<b>Yes</b>	<b>No</b>	339 <sup>2</sup>	3.9%
<b>No</b>	<b>Yes</b>	651	7.4%
<b>Total</b>		8815	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.

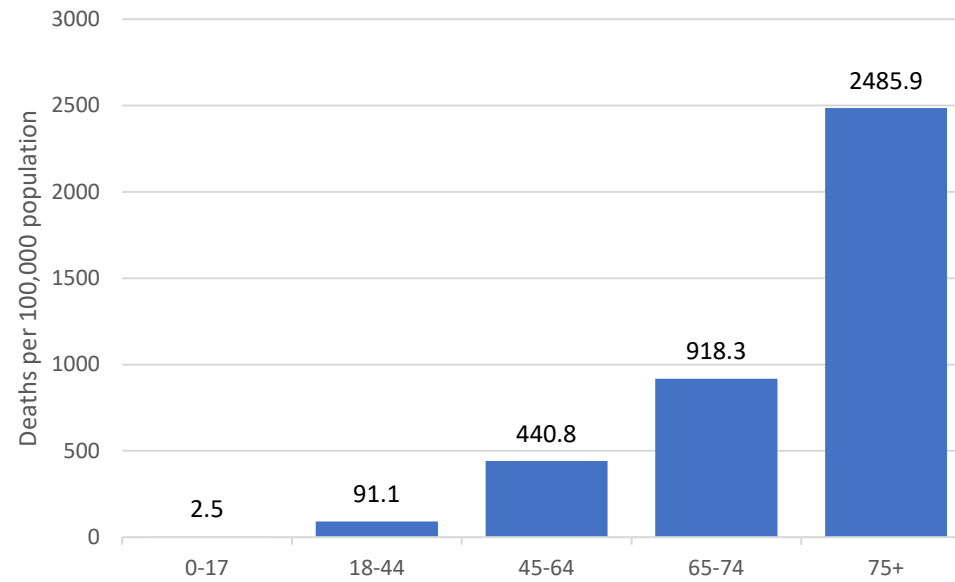
## Number and percent of deaths by underlying cause of death on the death certificate



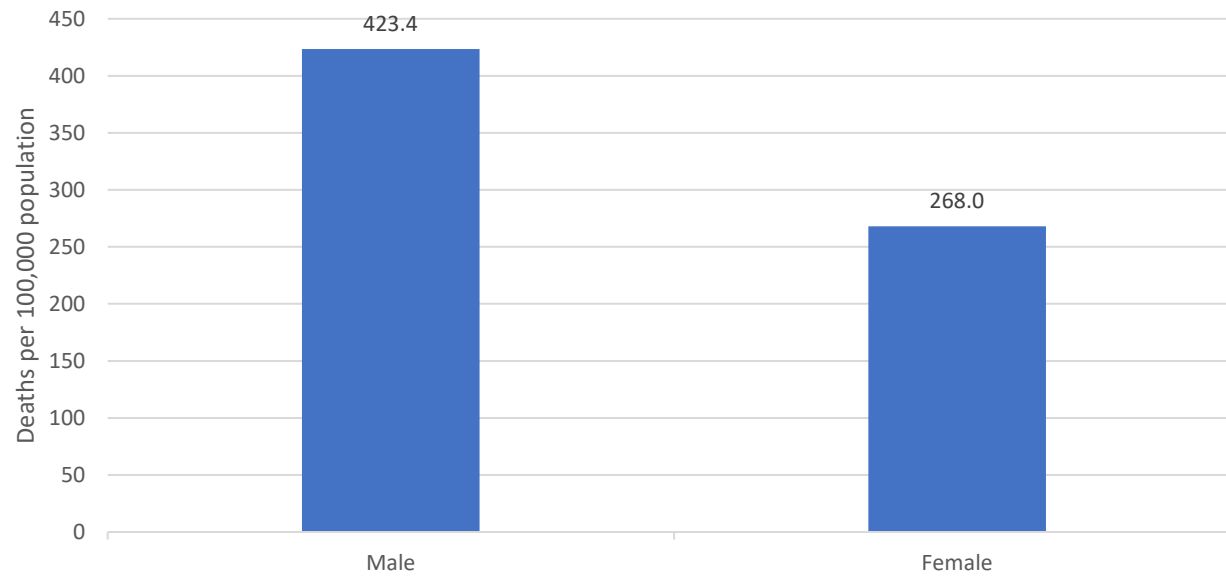
Underlying Cause	Number of Deaths*		Percent
COVID-19	7399		87.5%
Other	297		3.5%
Cardiovascular Disease	307		3.6%
Alzheimer's or Dementia	112		1.3%
Cancer	155		1.8%
Chronic liver disease and cirrhosis	61		0.7%
Diabetes	48		0.6%
Chronic lower respiratory disease	47		0.6%
Chronic Kidney Disease	21		0.2%
Influenza & pneumonia	9		0.1%
Total	8456		100.0%
*Excludes 359 (4%) deaths which have not yet been coded by the National Center for Health Statistics.			

## SECTION 2: MORTALITY RATES

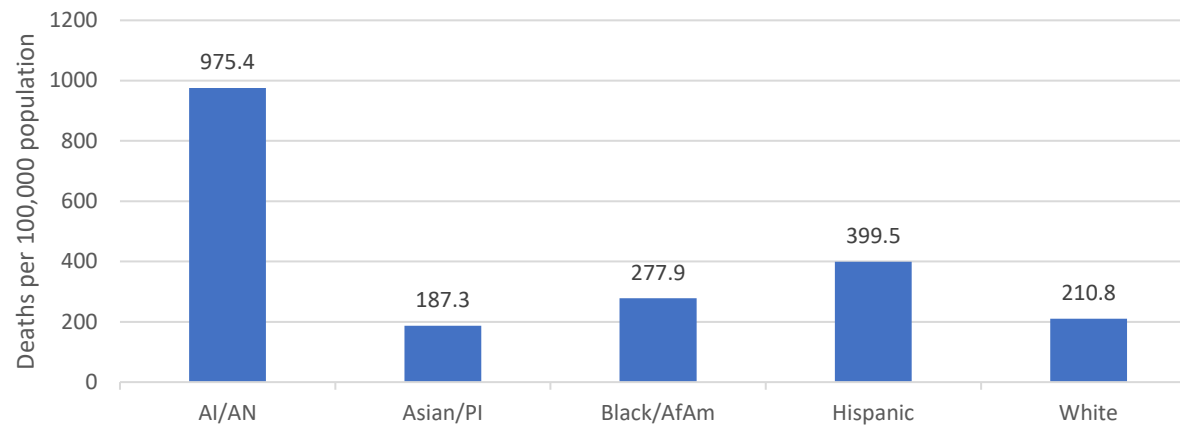
Mortality Rate per 100,000 Population by Age Group



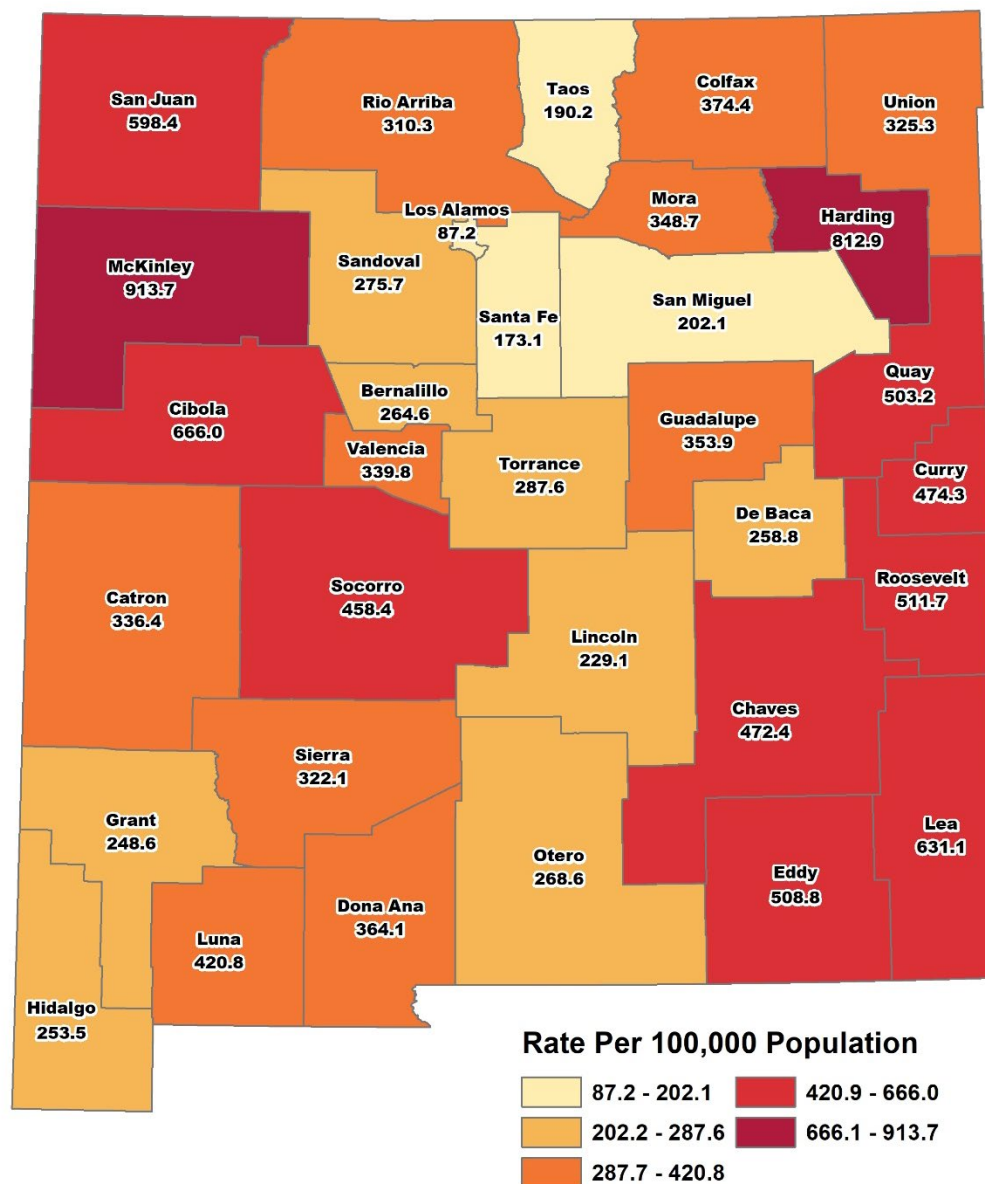
### Age-adjusted Mortality Rate per 100,000 Population by Gender



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

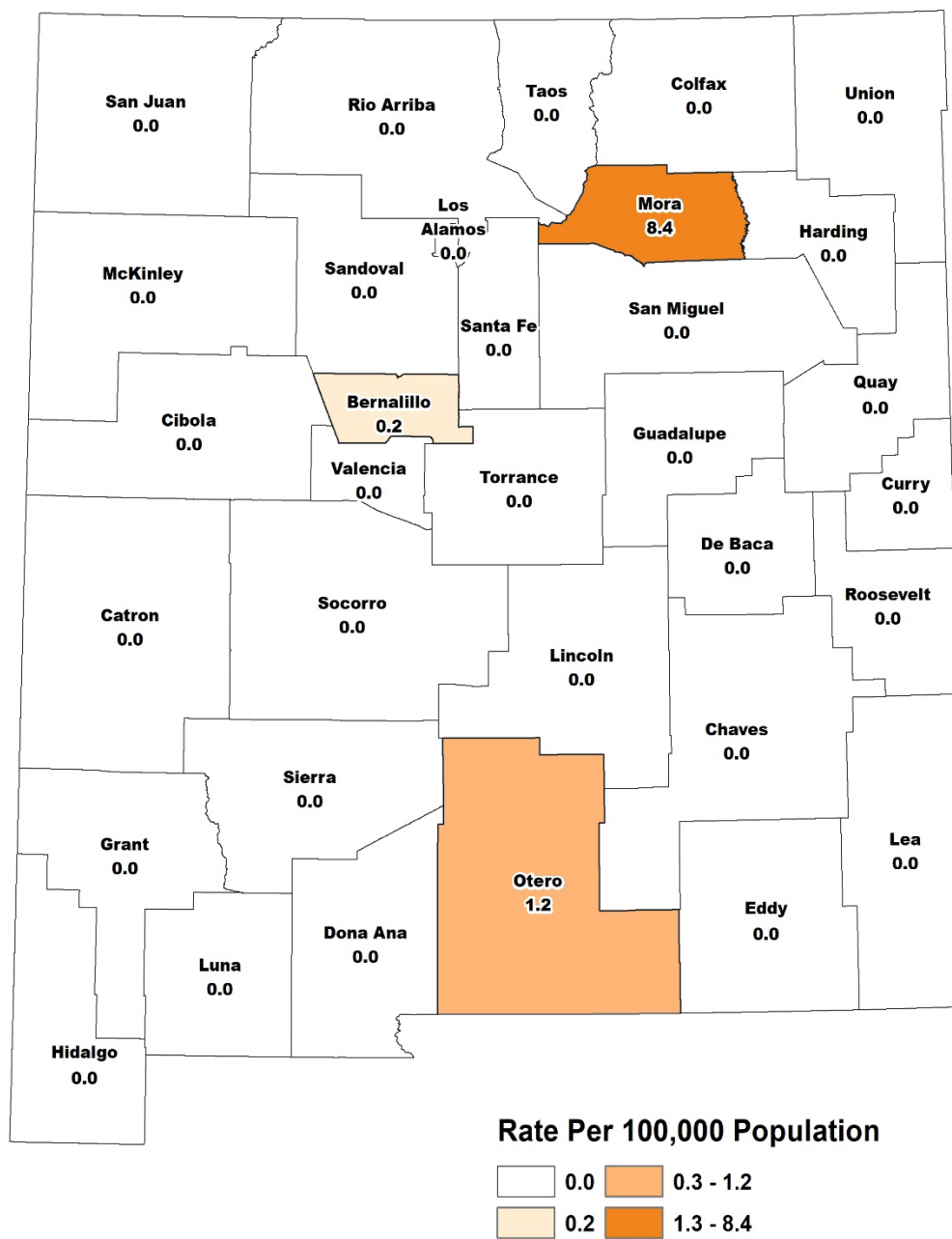


## Age-adjusted Mortality Rate per 100,000 Population by New Mexico County



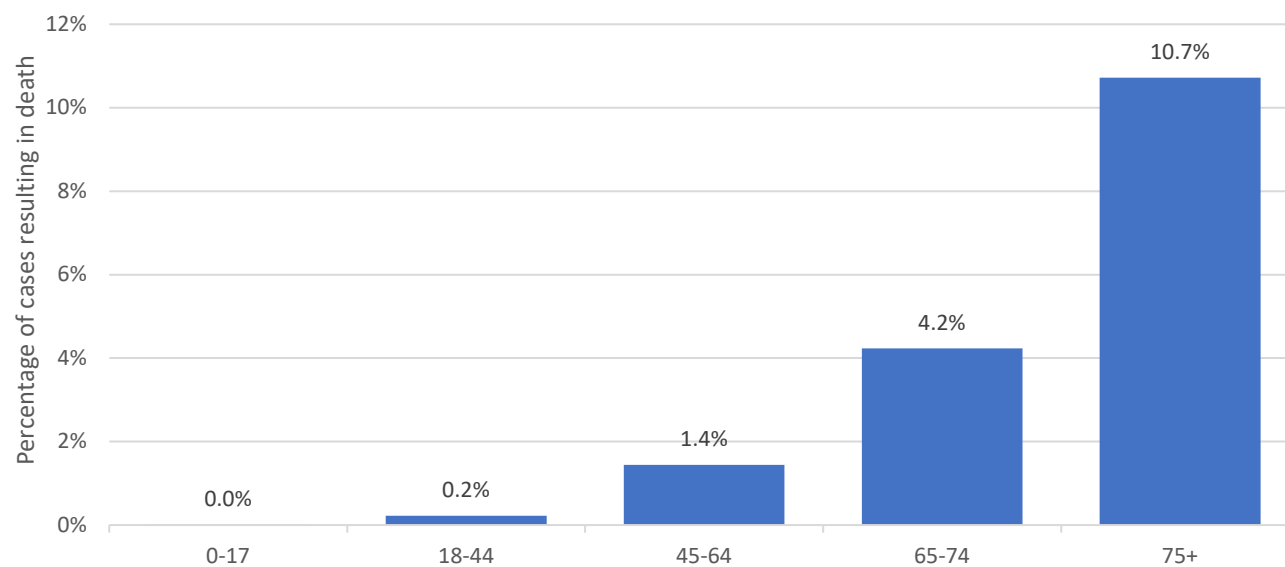


## Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

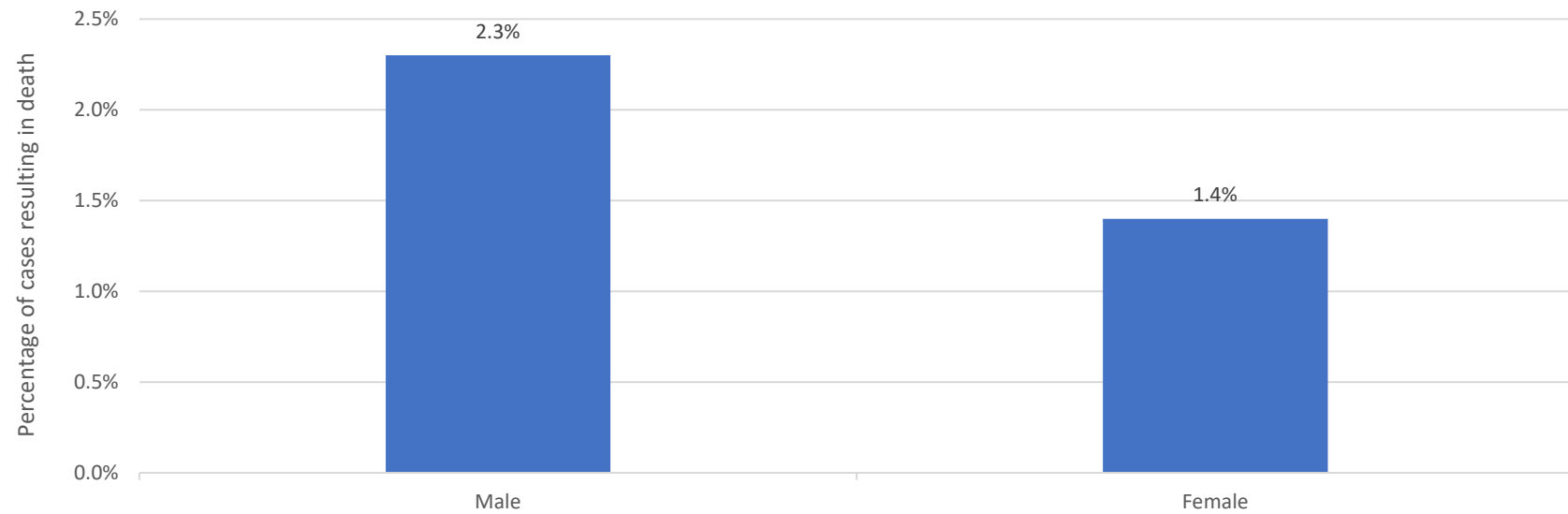


## SECTION 3: CASE FATALITY RATES

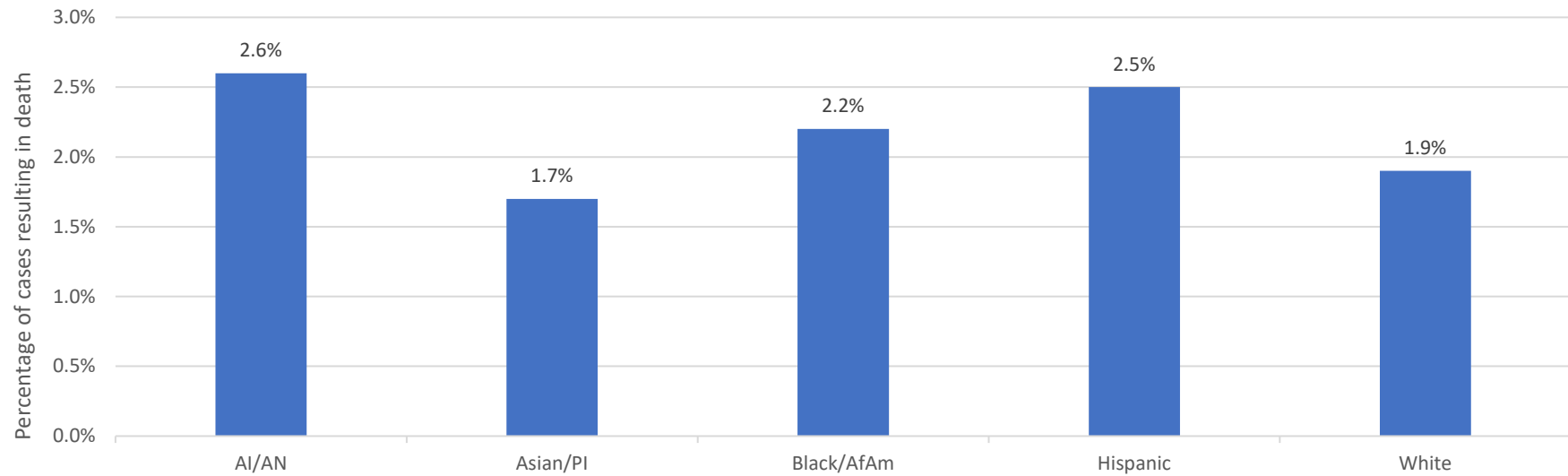
Case Fatality Rate by Age Group



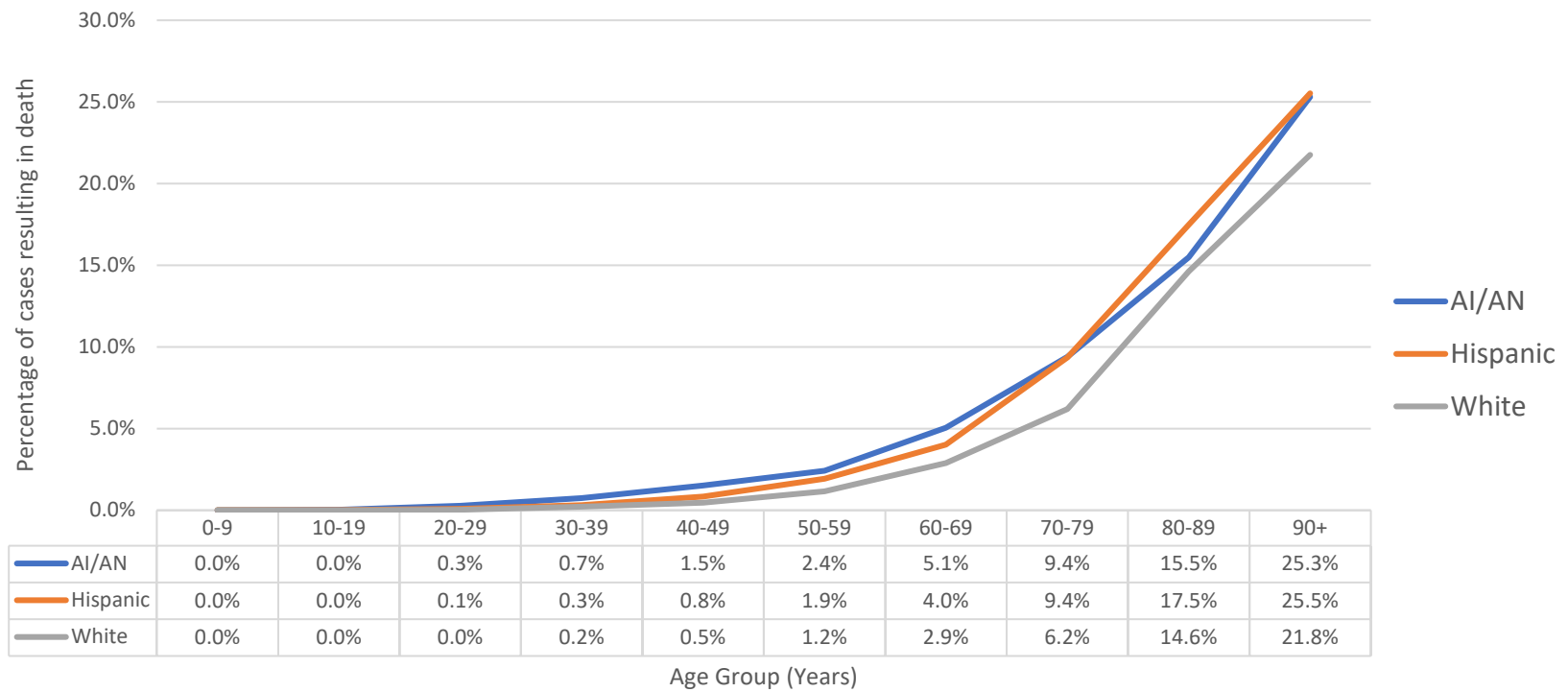
**Age-adjusted\* Case Fatality Rate by Gender**



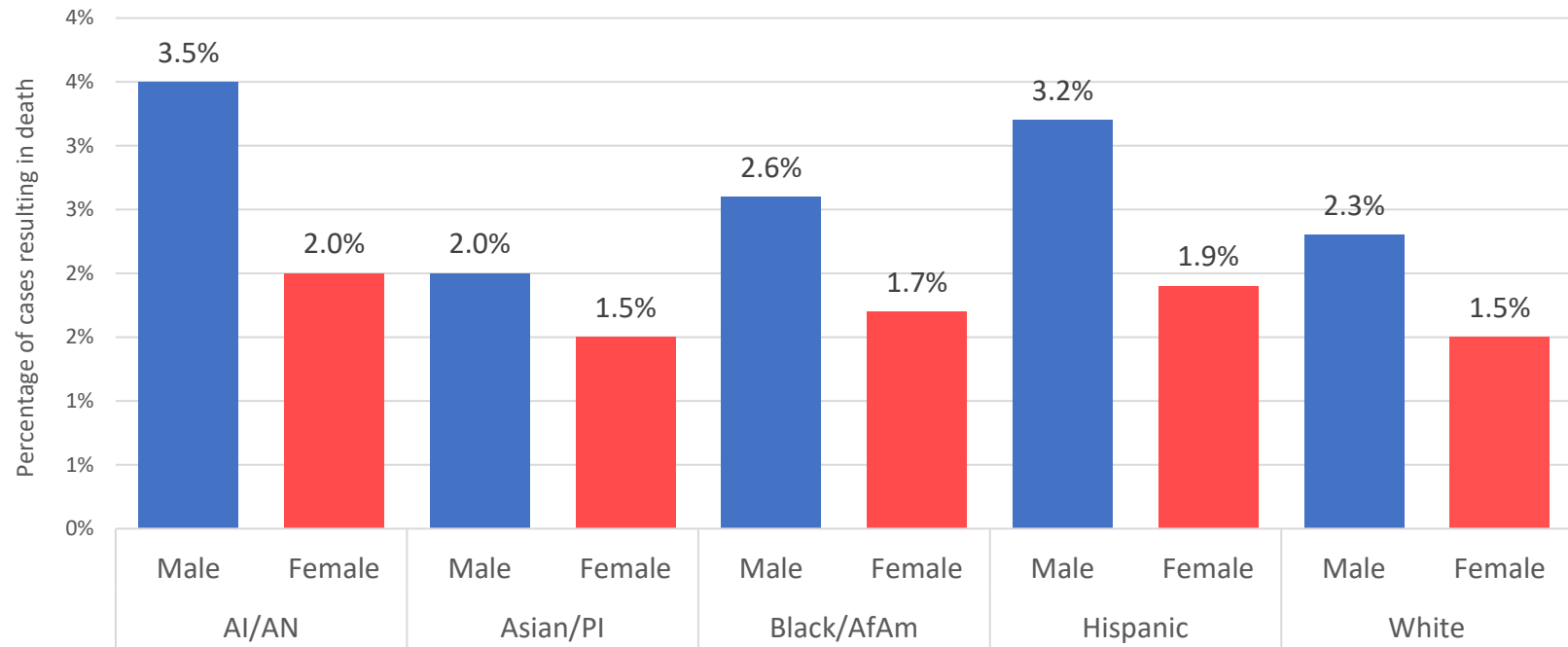
**Age-adjusted\* Case Fatality Rate by Race/Ethnicity**



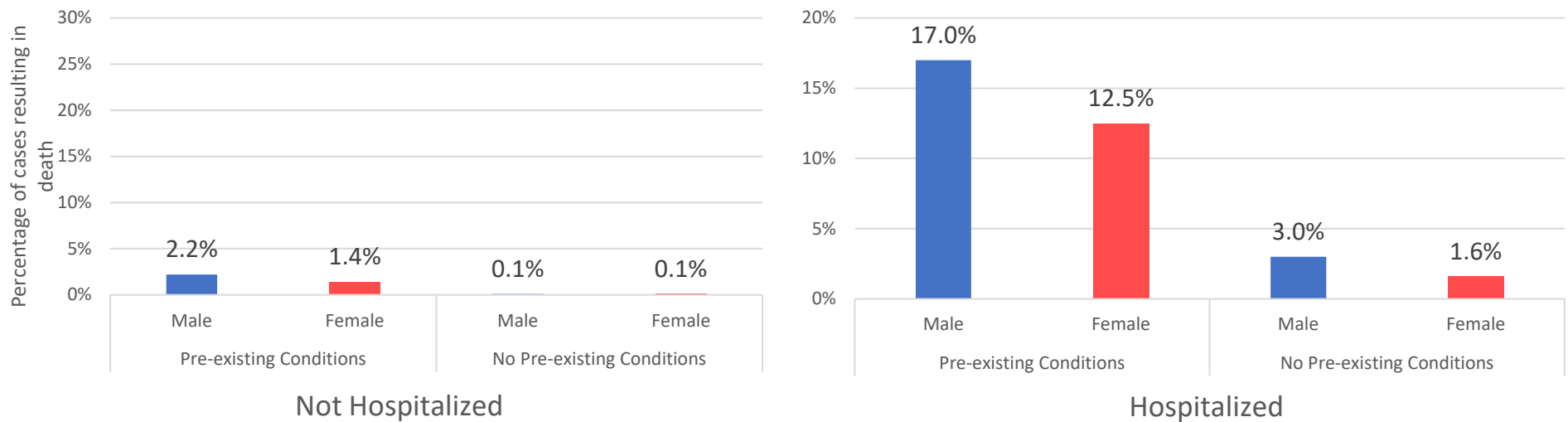
## Case Fatality Rate by Race/Ethnicity and Age Group



### 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.