

# NEW MEXICO COVID-19 MORTALITY UPDATE

October 17, 2022

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

Total Deaths

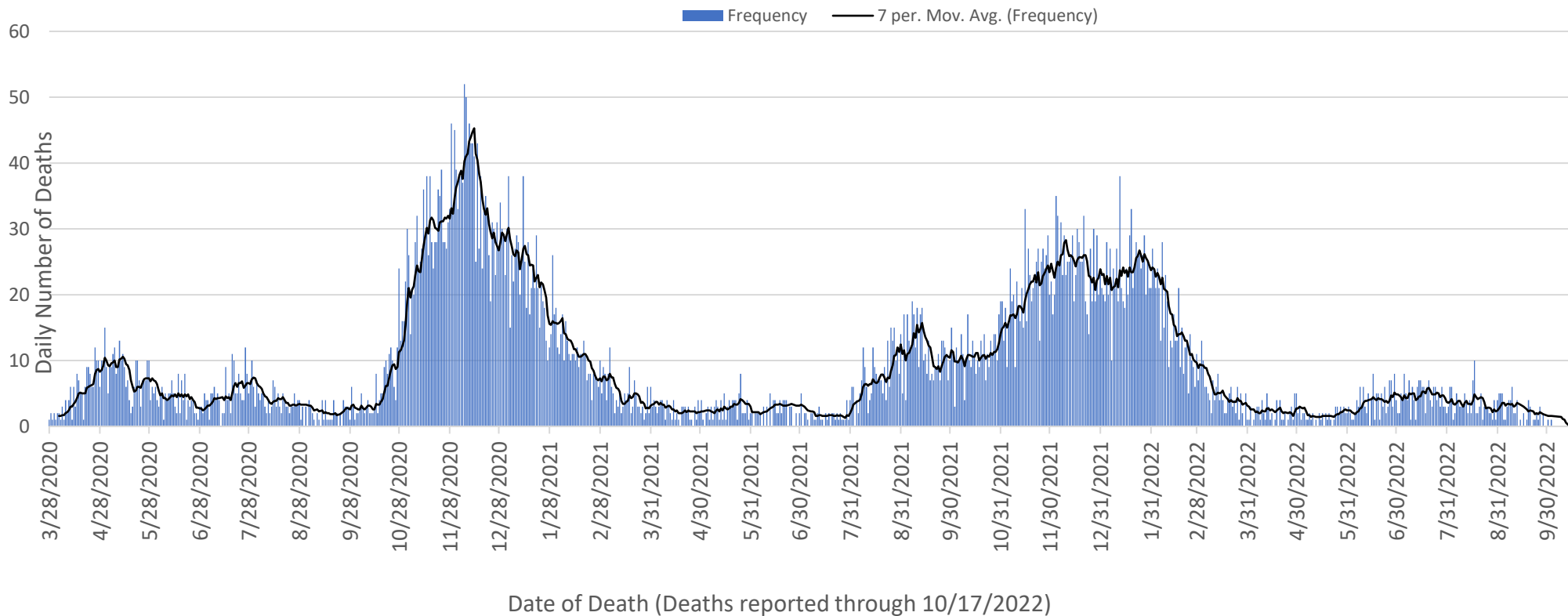
8,601

Deaths in the Last 14 Days

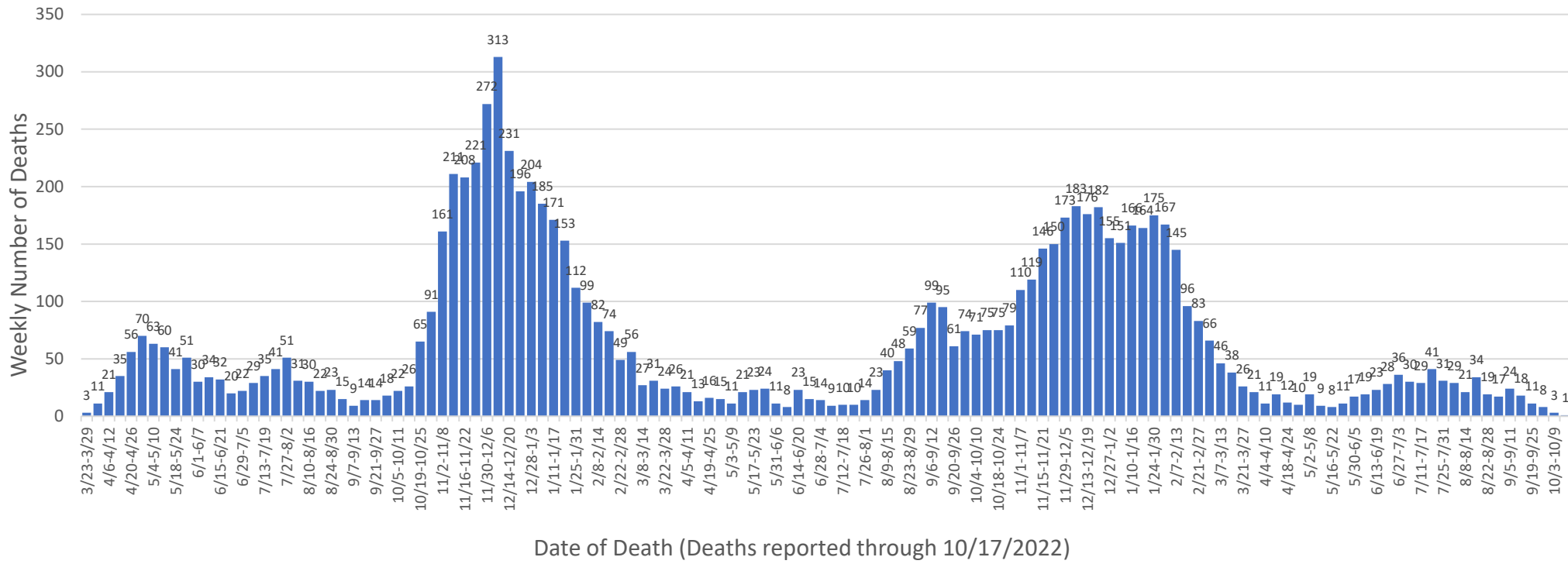
4

## SECTION 1: DEATH COUNTS

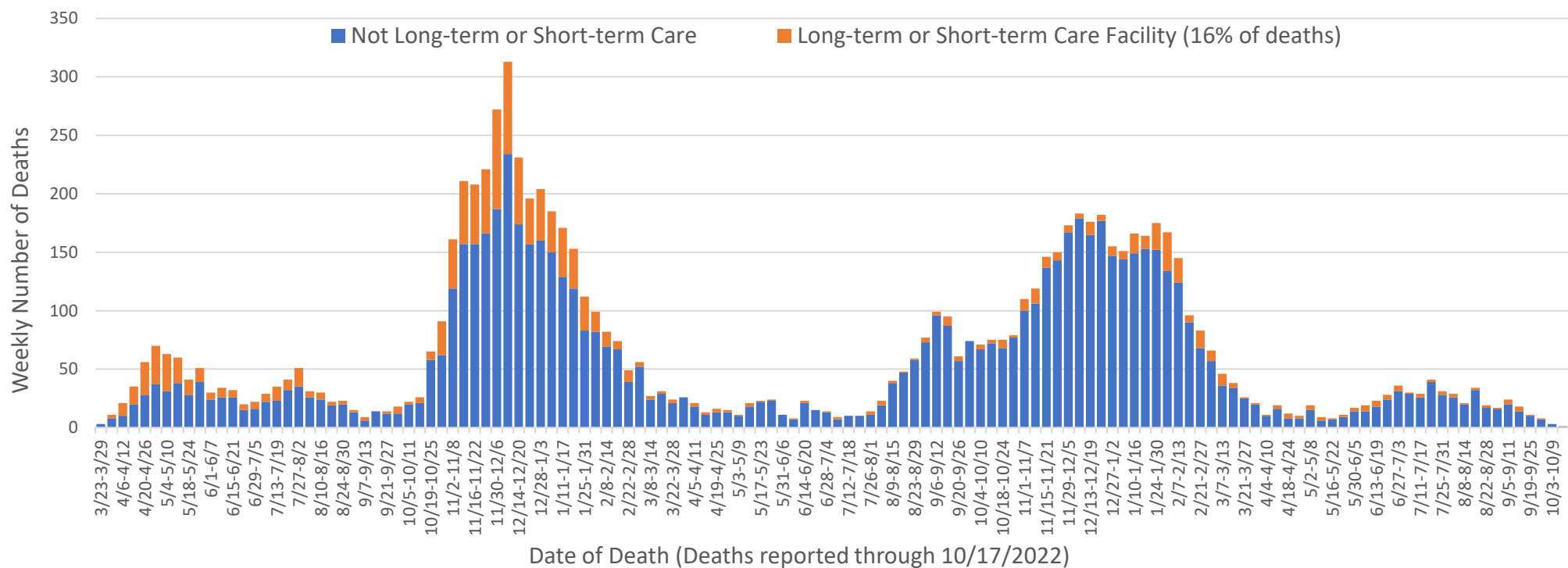
### Daily Number of Deaths and 7-day Moving Average



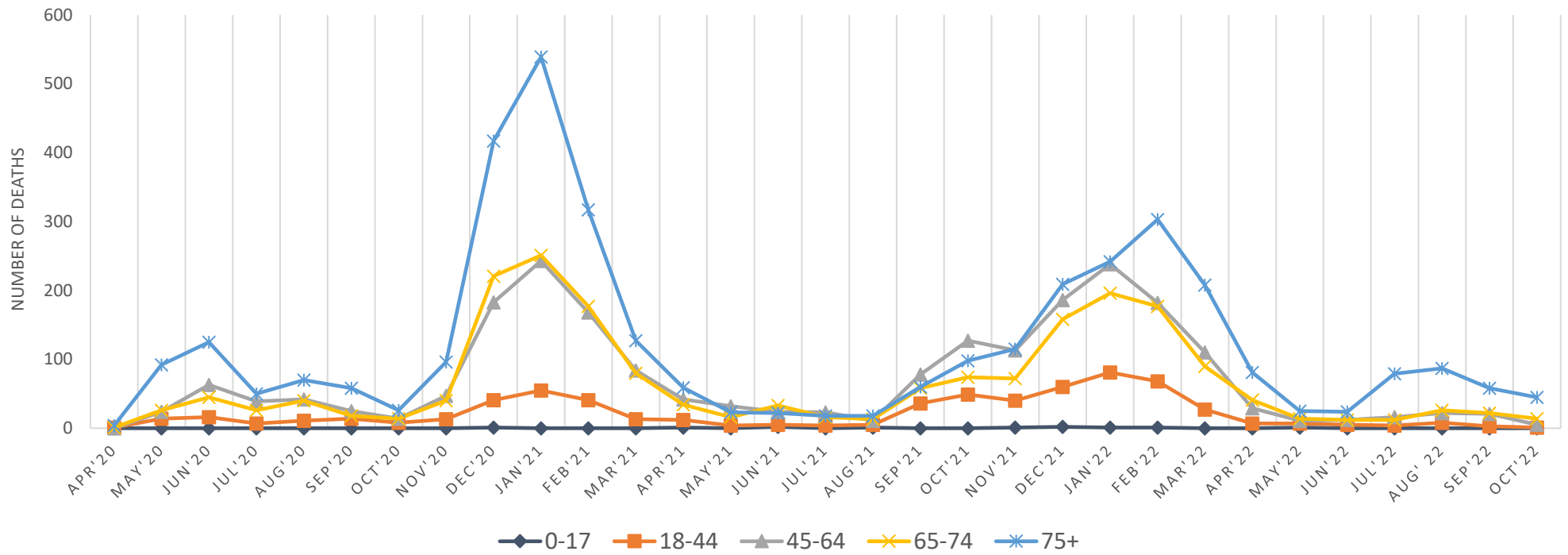
## Number of Deaths Each Week



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



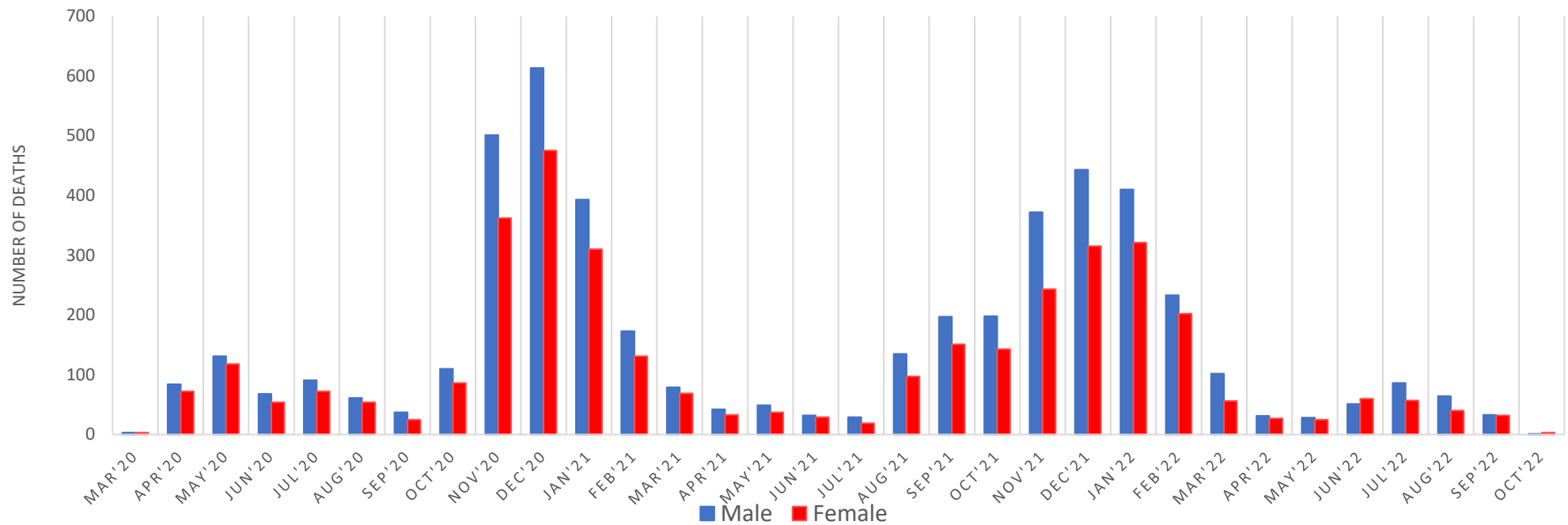
## Number of Deaths by Age Group Each Month



Age Group (years)	Subtotal <sup>1</sup>	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Total
<b>0-17</b>	5	1	2	1	1	0	0	1	0	0	0	0	0	0	11
<b>18-44</b>	349	40	60	81	68	27	7	7	5	4	8	3	1	0	660
<b>45-64</b>	1269	113	186	238	182	110	29	11	12	16	22	21	5	0	2214
<b>65-74</b>	1183	72	158	196	177	90	41	14	12	12	26	22	14	1	2018
<b>75+</b>	2219	115	209	242	303	208	81	25	24	79	87	58	45	3	3698
<b>Total</b>	5025	341	615	758	731	435	158	58	53	111	143	104	65	4	8601

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

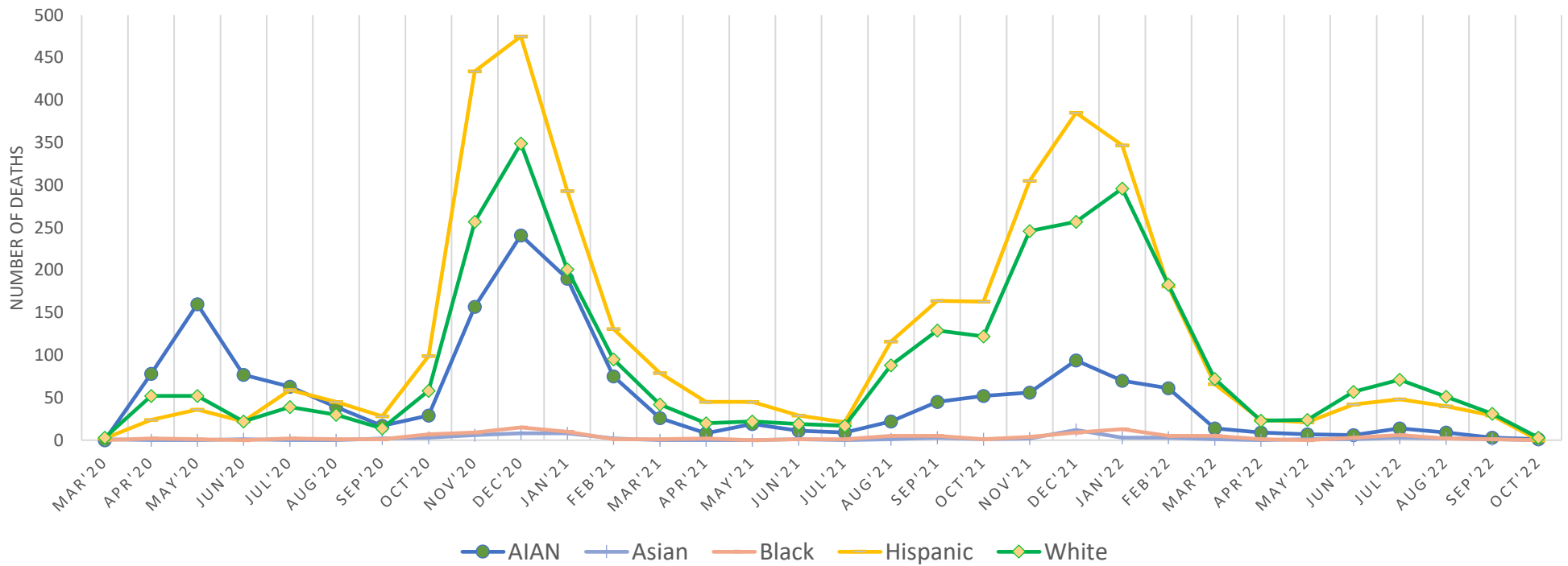
## Number of Deaths by Gender Each Month



Gender	Subtotal <sup>1</sup>	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
<b>Female</b>	2197	143	243	315	321	202	56	27	25	60	57	40	32	3	3721
<b>Male</b>	2828	198	372	443	410	233	102	31	28	51	86	64	33	1	4880
<b>Total</b>	5025	341	615	758	731	435	158	58	53	111	143	104	65	4	8601

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

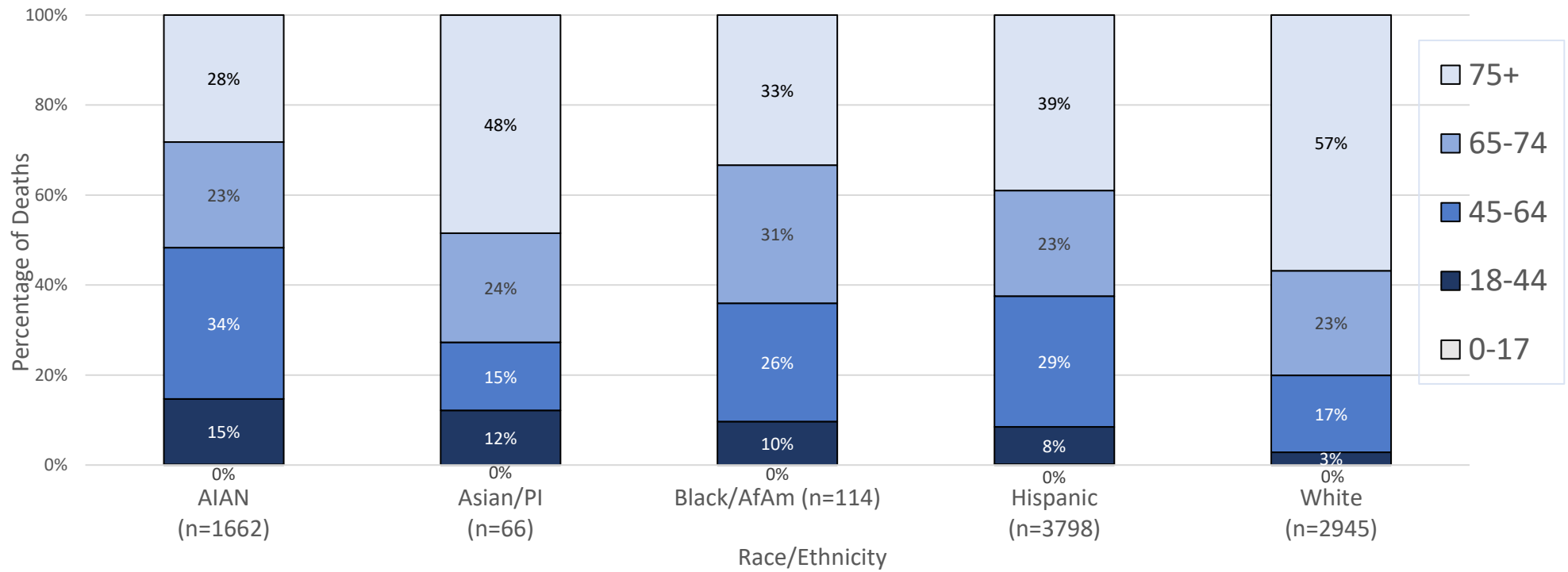
## Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Subtotal <sup>1</sup>	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
<b>AIAN</b>	1266	52	56	94	70	61	14	9	7	6	14	9	3	1	1662
<b>Asian</b>	36	1	2	12	3	3	1	0	1	1	3	2	1	0	66
<b>Black</b>	64	1	4	9	13	5	5	1	0	3	6	2	1	0	114
<b>Hispanic</b>	2147	163	305	385	347	181	66	24	21	42	48	40	29	0	3798
<b>White</b>	1509	122	246	257	296	183	72	23	24	57	71	51	31	3	2945

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

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



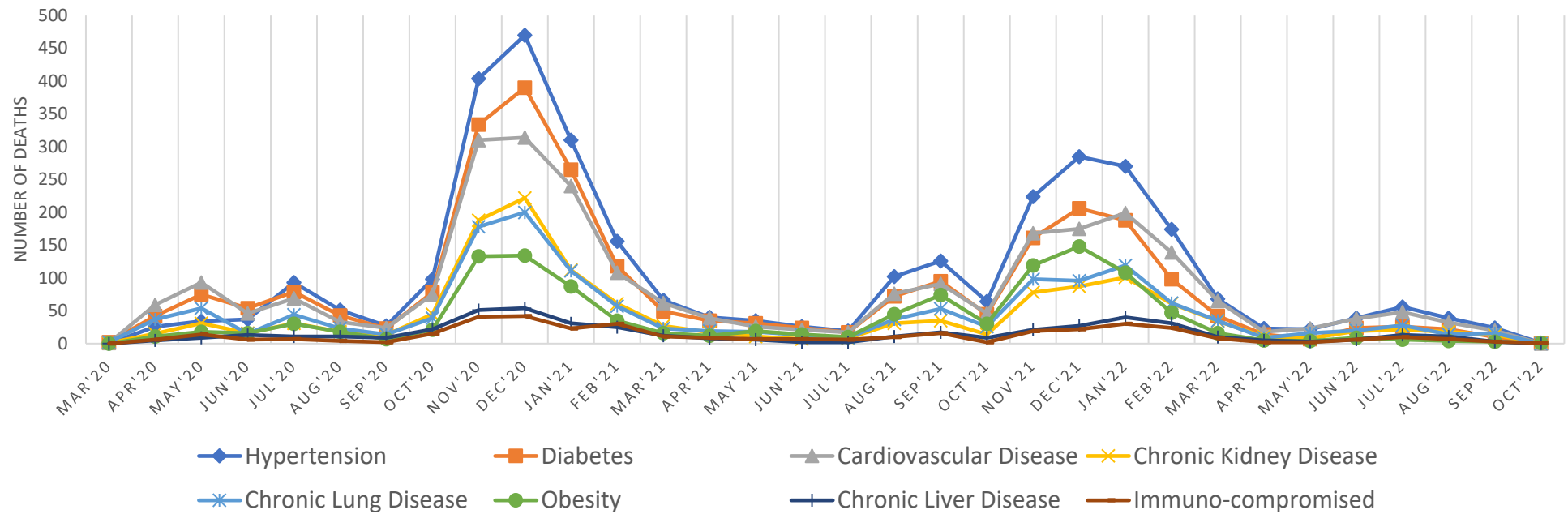
**Number of deaths by New Mexico County of residence each month**

County of Residence	Subtotal <sup>1</sup>	10/21	11/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22	10/22	Total
Bernalillo	1115	67	165	223	193	116	47	15	14	47	49	32	17	1	2101
Dona Ana	530	22	65	91	85	46	15	5	7	5	18	9	10	0	908
San Juan	547	40	72	61	32	33	10	9	2	3	10	10	4	0	833
McKinley	509	19	14	16	24	20	6	1	1	2	8	6	3	1	630
Sandoval	272	15	30	48	48	27	9	4	4	6	5	5	6	0	479
Lea	282	18	11	10	39	18	7	4	0	1	4	4	5	0	403
Chaves	201	19	18	30	44	23	10	0	2	1	2	5	1	0	356
Santa Fe	170	12	22	33	44	12	10	3	7	17	9	10	3	0	352
Eddy	201	17	24	17	23	18	8	2	1	1	3	1	6	0	322
Valencia	144	13	30	39	27	17	9	3	2	2	6	5	1	0	298
Curry	121	9	15	23	29	22	0	4	3	2	2	0	1	0	231
Otero	99	15	31	21	13	17	2	1	1	4	4	4	2	2	216
Cibola	142	13	7	16	11	6	4	0	1	2	2	0	0	0	204
Rio Arriba	87	3	12	19	11	9	4	1	1	1	2	5	0	0	155
Luna	95	4	9	13	6	7	4	2	0	2	2	3	1	0	148
Roosevelt	69	2	6	17	9	3	1	1	0	0	0	1	1	0	110
Grant	51	8	16	8	9	5	2	1	1	4	2	0	0	0	107
Taos	62	4	7	3	9	7	0	0	1	3	1	0	2	0	99
Socorro	62	3	4	9	10	2	0	0	0	3	2	1	0	0	96
Sierra	54	4	7	8	5	2	0	0	1	2	1	0	1	0	85
San Miguel	22	8	8	10	12	5	2	2	2	0	4	1	0	0	76
Lincoln	32	9	5	5	12	6	0	0	0	0	1	0	0	0	70
Colfax	48	3	8	2	3	2	1	0	0	0	1	0	0	0	68
Quay	22	4	9	16	9	4	1	0	0	1	2	0	0	0	68
Torrance	20	4	11	16	4	3	1	0	0	0	1	0	0	0	60
Catron	7	1	4	1	5	2	1	0	1	0	0	0	0	0	22
Los Alamos	9	0	2	0	2	2	1	0	0	2	2	2	0	0	22
Mora	10	1	1	3	3	0	1	0	1	0	0	0	0	0	20
Guadalupe	15	0	0	0	1	1	0	0	0	0	0	0	1	0	18
Union	11	2	1	0	3	0	1	0	0	0	0	0	0	0	18
Hidalgo	11	0	1	0	3	0	1	0	0	0	0	0	0	0	16
De Baca	3	0	0	0	3	0	0	0	0	0	0	0	0	0	6
Harding	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
<b>Total</b>	<b>5025</b>	<b>341</b>	<b>615</b>	<b>758</b>	<b>731</b>	<b>435</b>	<b>158</b>	<b>58</b>	<b>53</b>	<b>111</b>	<b>143</b>	<b>104</b>	<b>65</b>	<b>4</b>	<b>8601</b>

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



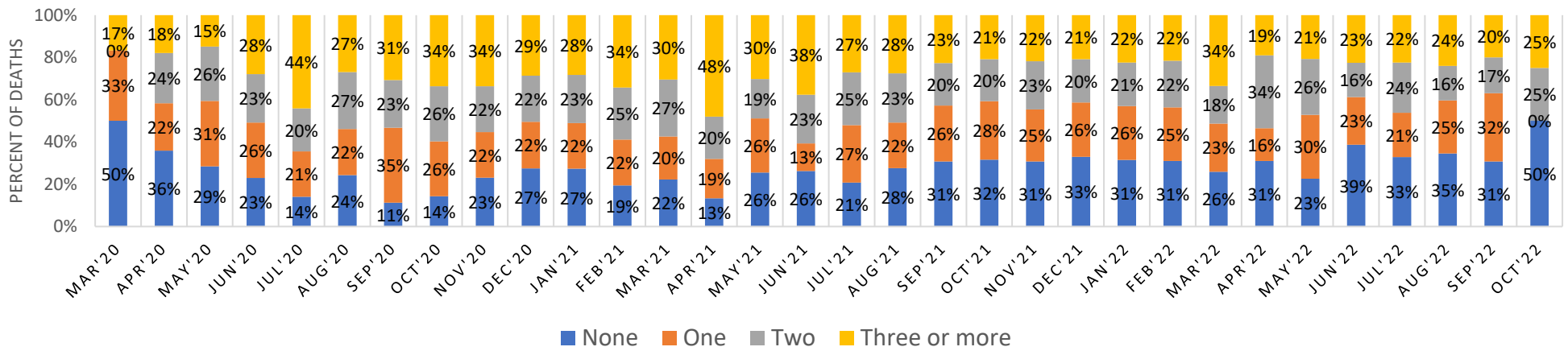
## Number of Deaths by Underlying Conditions Each Month



Underlying Conditions	Subtotal <sup>1</sup>	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
<b>Hypertension</b>	2120	64	224	285	270	174	68	23	22	39	56	39	24	1	1289
<b>Diabetes</b>	1826	45	161	206	188	98	42	14	7	24	26	22	10	1	844
<b>Cardiovascular Disease</b>	1704	46	168	175	199	139	65	18	23	38	48	32	20	0	971
<b>Chronic Kidney Disease</b>	889	14	78	87	101	61	34	11	8	19	21	18	13	1	466
<b>Chronic Lung Disease</b>	946	26	98	96	119	62	35	9	16	20	28	14	16	0	539
<b>Obesity</b>	700	30	119	148	108	47	16	5	4	9	6	4	3	1	500
<b>Chronic Liver Disease</b>	299	9	21	27	40	31	10	5	3	6	13	11	3	0	179
<b>Immuno-compromised</b>	256	2	19	22	30	24	8	2	2	6	10	7	3	1	136

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

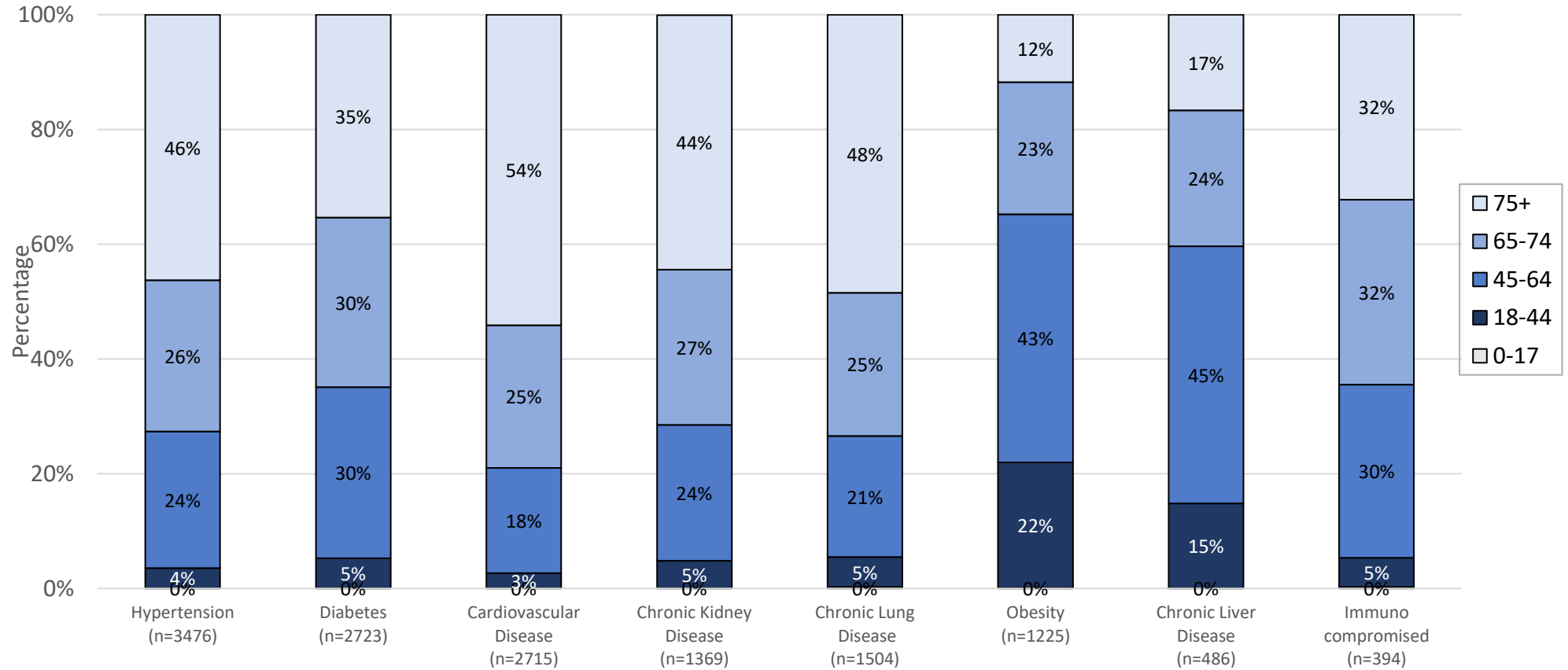
## Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported



Number of Underlying Conditions	Subtotal <sup>1</sup>	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
None	1255	108	189	250	230	135	41	18	12	43	47	36	20	2	2386
One	1153	94	152	195	187	110	36	9	16	25	30	26	21	0	2054
Two	1138	68	140	155	150	96	28	20	14	18	34	17	11	1	1890
Three or more	1479	71	134	158	164	94	53	11	11	25	32	25	13	1	2271
Total	5025	341	615	758	731	435	158	58	53	111	143	104	65	4	8601

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

## Percentage of Deaths by Underlying Condition and Age Group



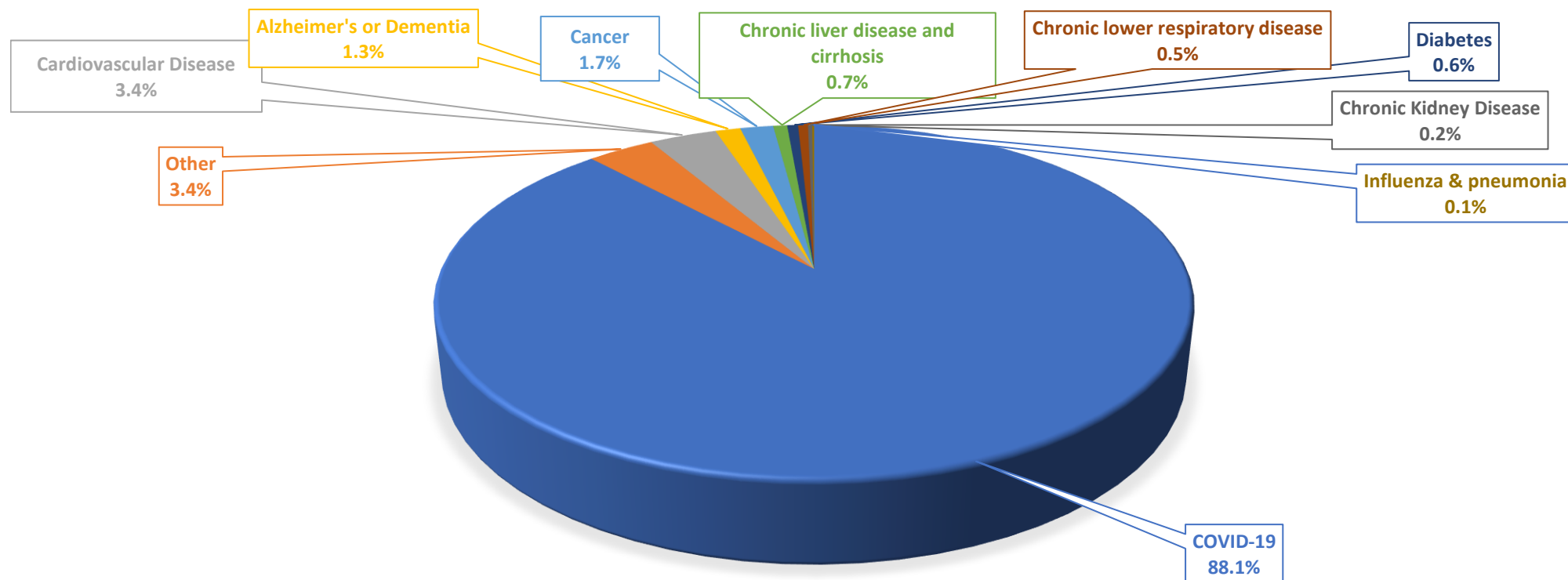
## Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

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>	7659	89.0%
<b>Yes</b>	<b>No</b>	310 <sup>2</sup>	3.6%
<b>No</b>	<b>Yes</b>	632	7.3%
<b>Total</b>		8601	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.

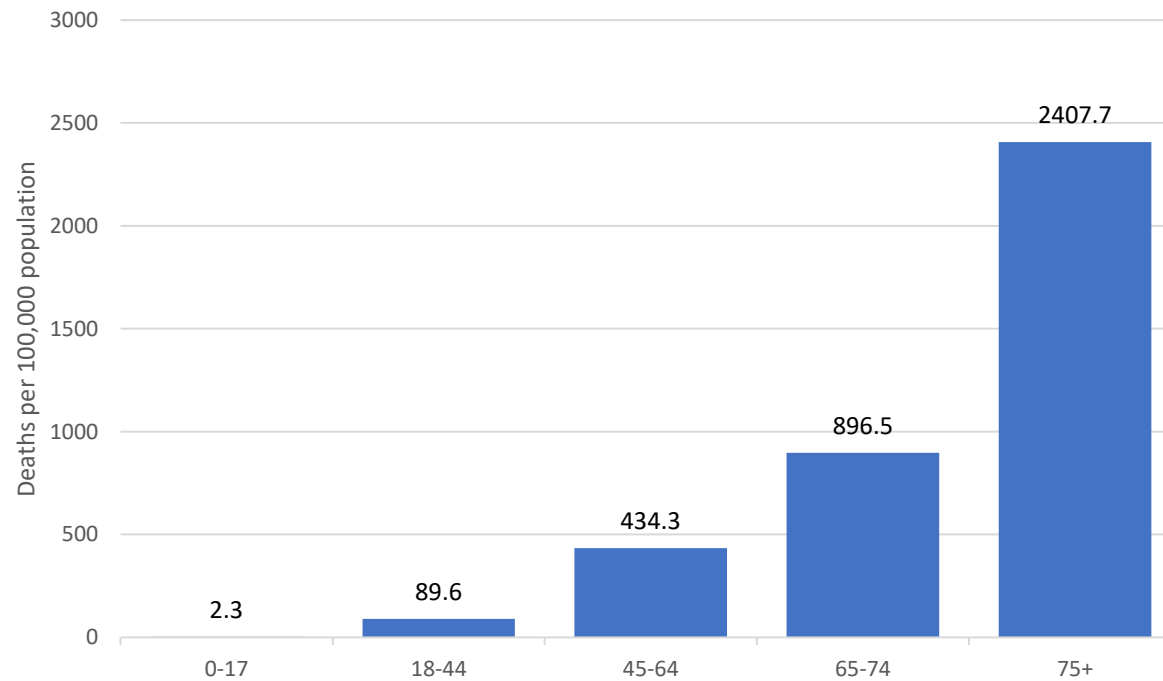
## Number and percent of deaths by underlying cause of death on the death certificate



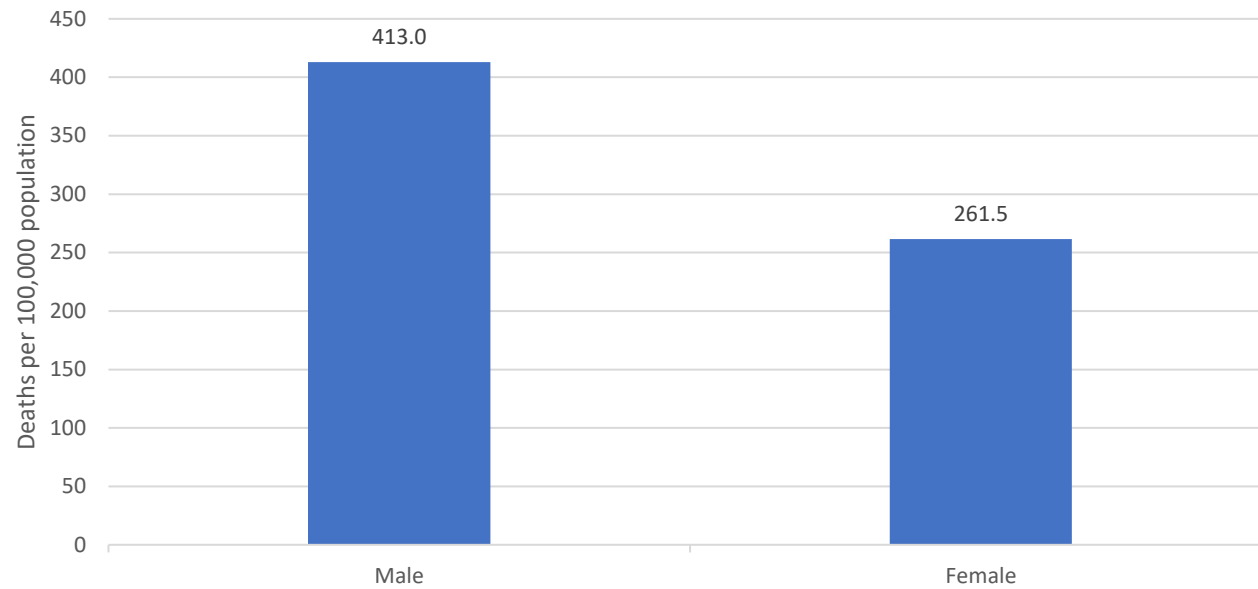
Underlying Cause	Number of Deaths*		Percent
COVID-19	7310		88.1%
Other	284		3.4%
Cardiovascular Disease	285		3.4%
Alzheimer's or Dementia	106		1.3%
Cancer	140		1.7%
Chronic liver disease and cirrhosis	59		0.7%
Diabetes	46		0.6%
Chronic lower respiratory disease	42		0.5%
Chronic Kidney Disease	18		0.2%
Influenza & pneumonia	8		0.1%
<b>Total</b>	<b>8298</b>		<b>100.0%</b>
*Excludes 303 (4%) deaths which have not yet been coded by the National Center for Health Statistics.			

## SECTION 2: MORTALITY RATES

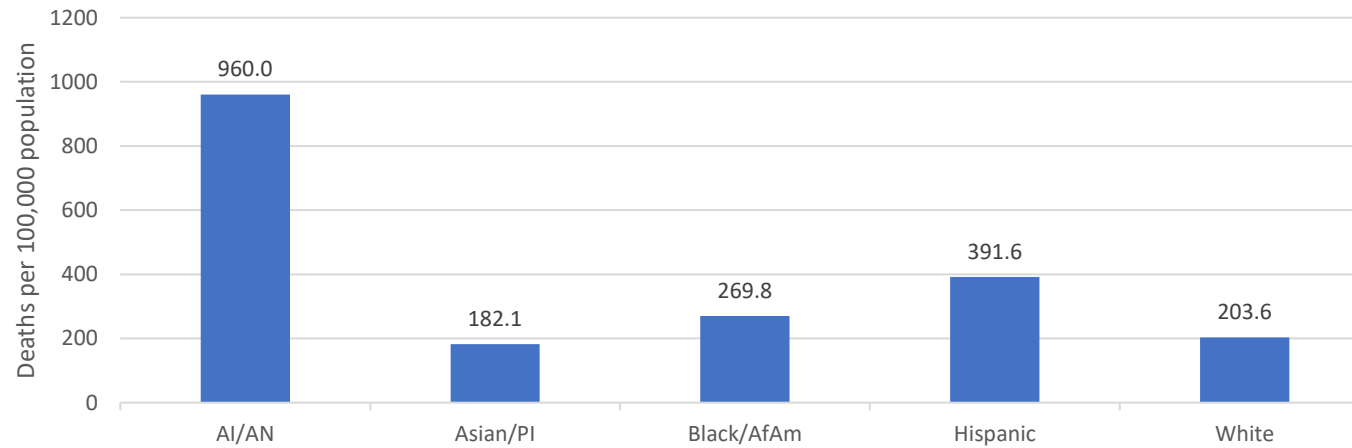
Mortality Rate per 100,000 Population by Age Group



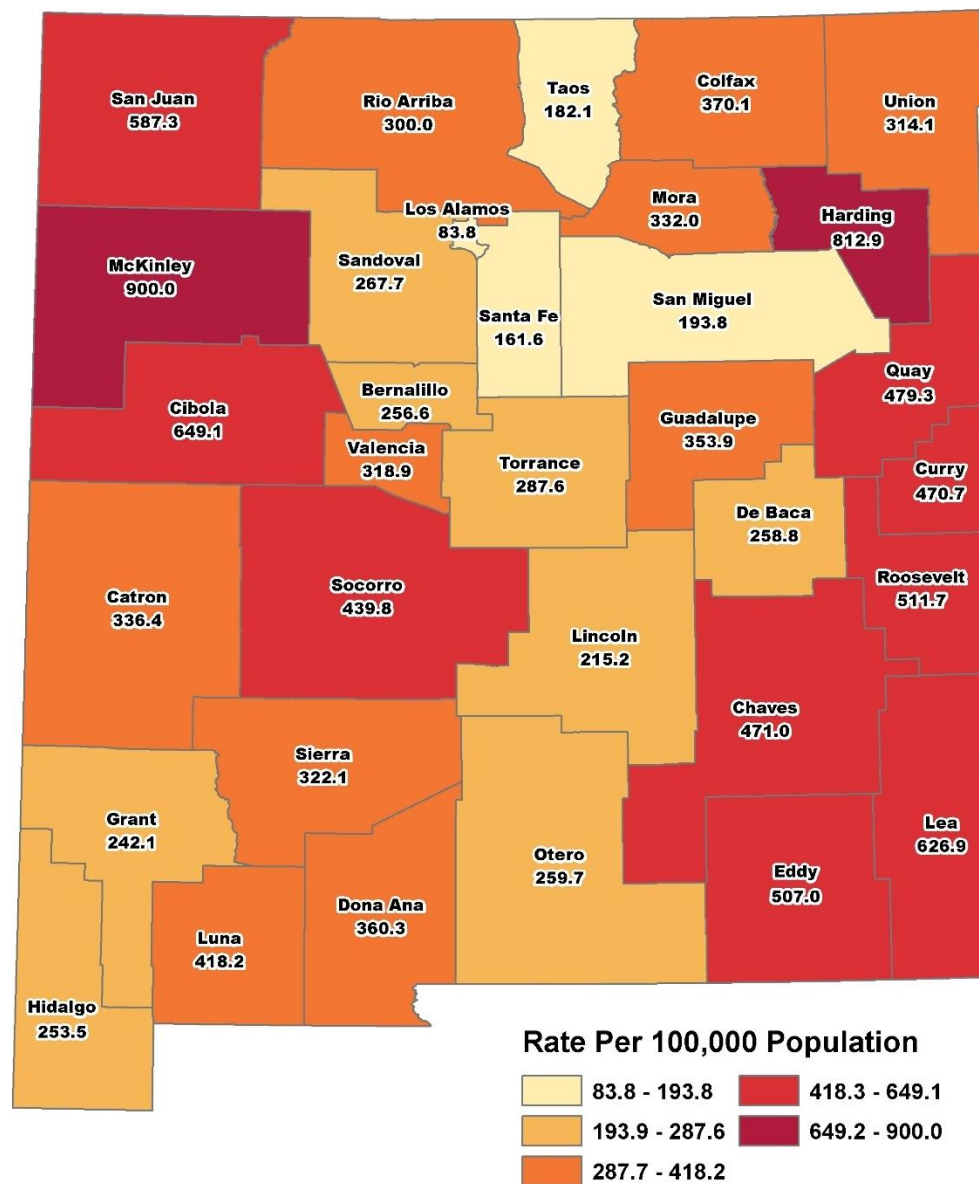
### Age-adjusted Mortality Rate per 100,000 Population by Gender



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

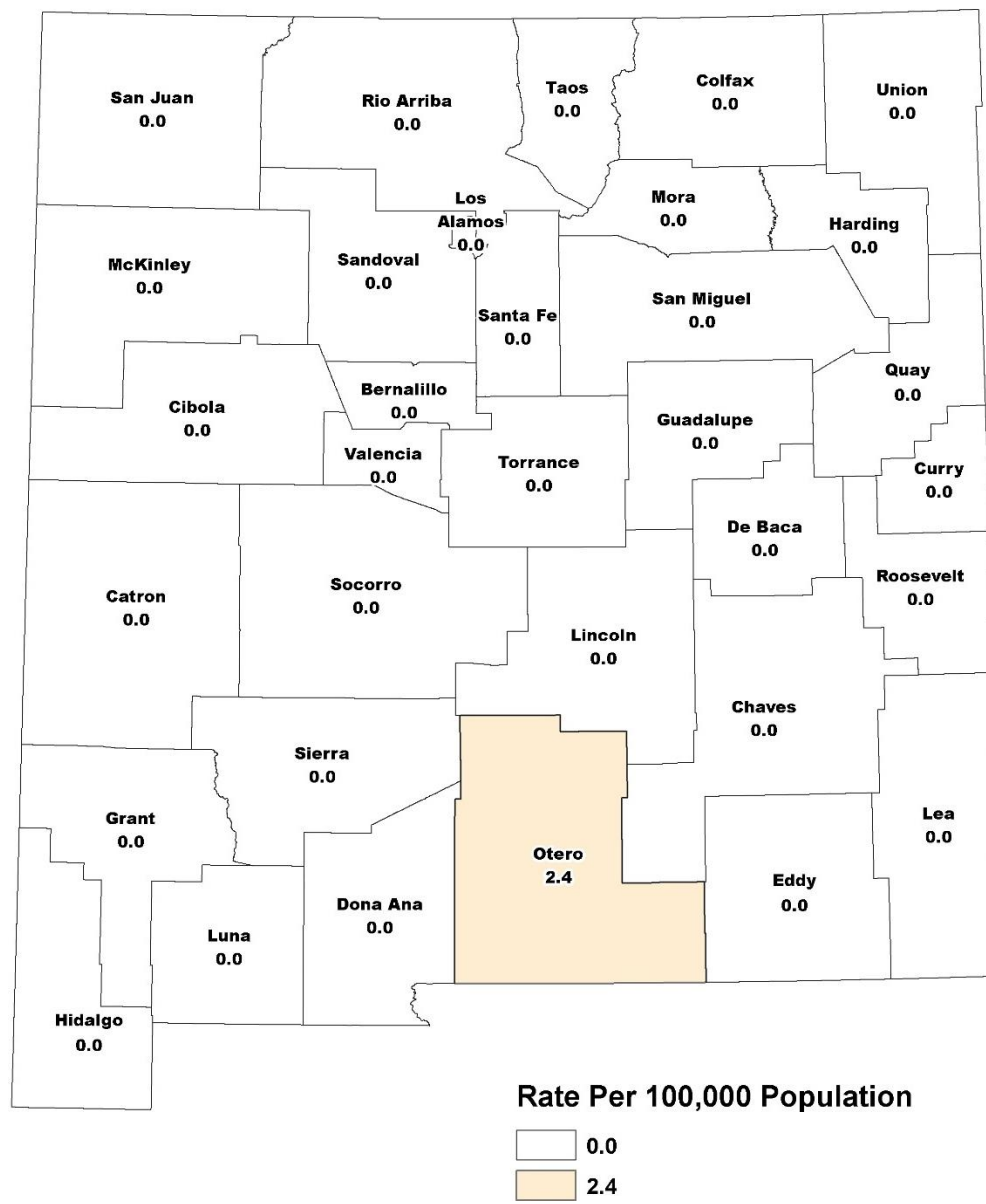


## Age-adjusted Mortality Rate per 100,000 Population by New Mexico County



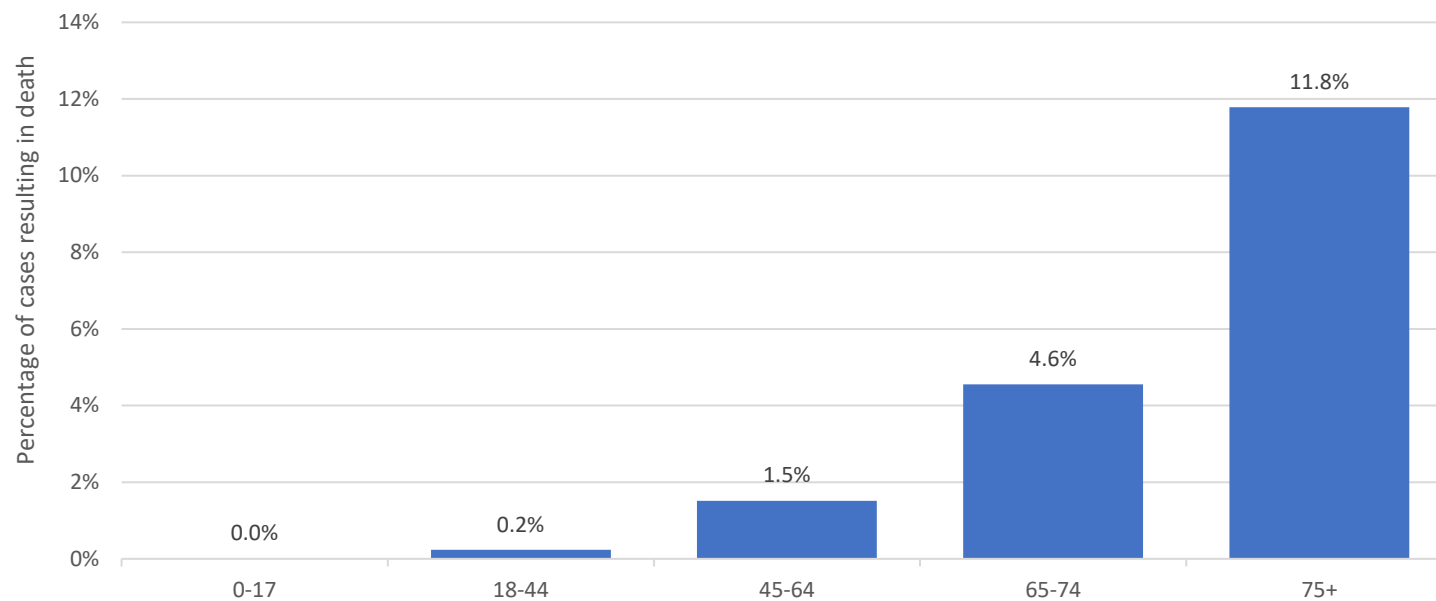


## Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

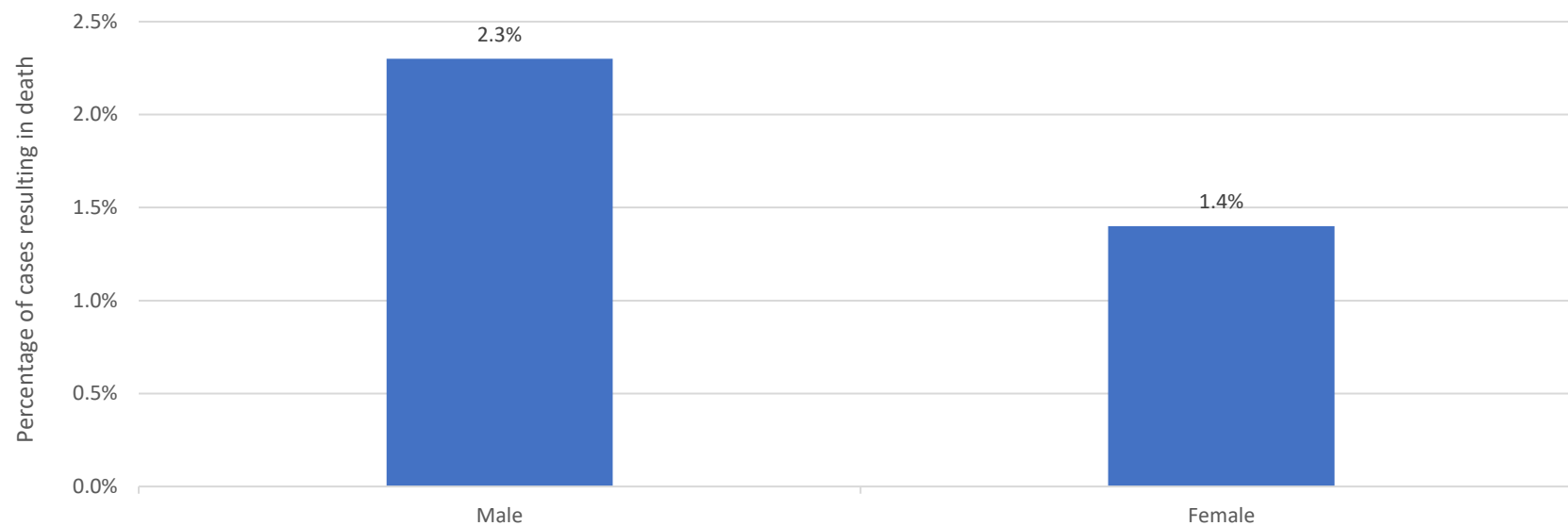


## SECTION 3: CASE FATALITY RATES

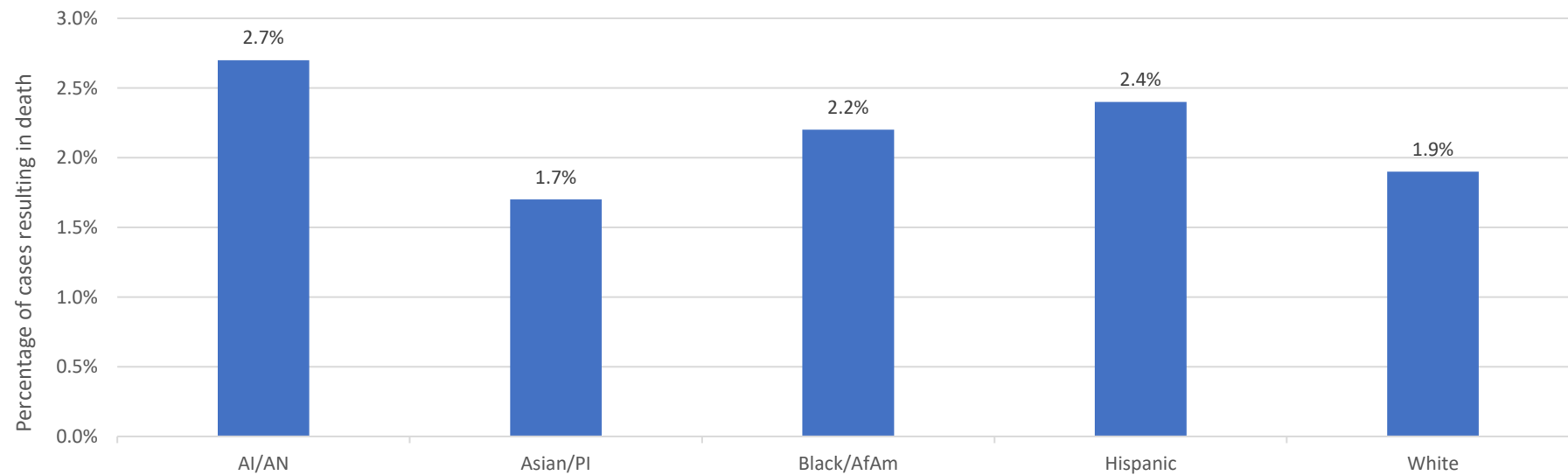
Case Fatality Rate by Age Group



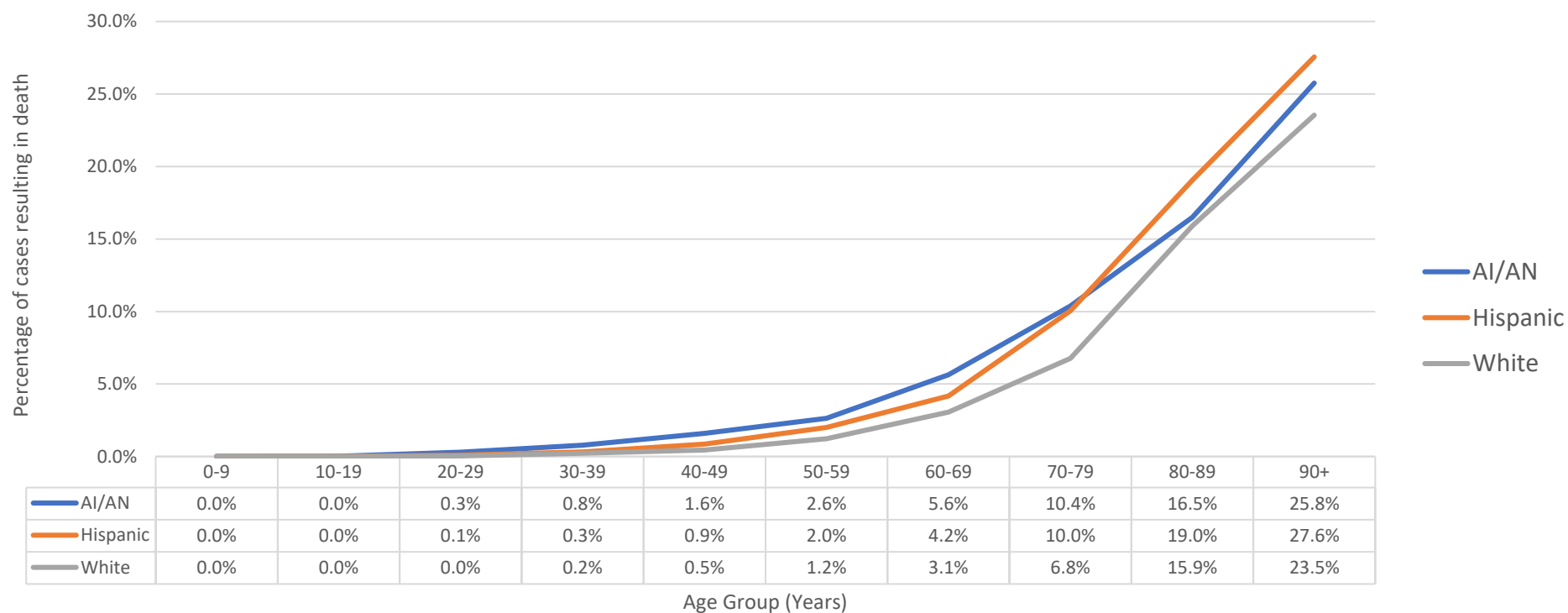
### Age-adjusted\* Case Fatality Rate by Gender



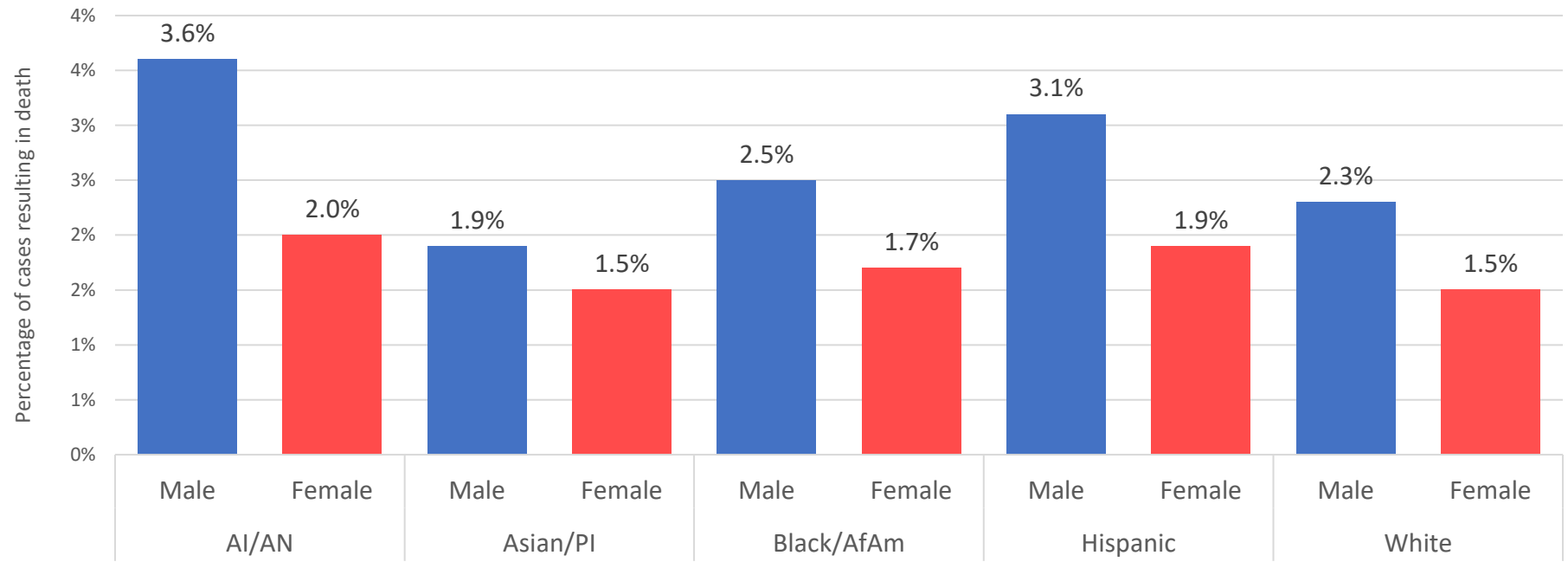
### Age-adjusted\* Case Fatality Rate by Race/Ethnicity



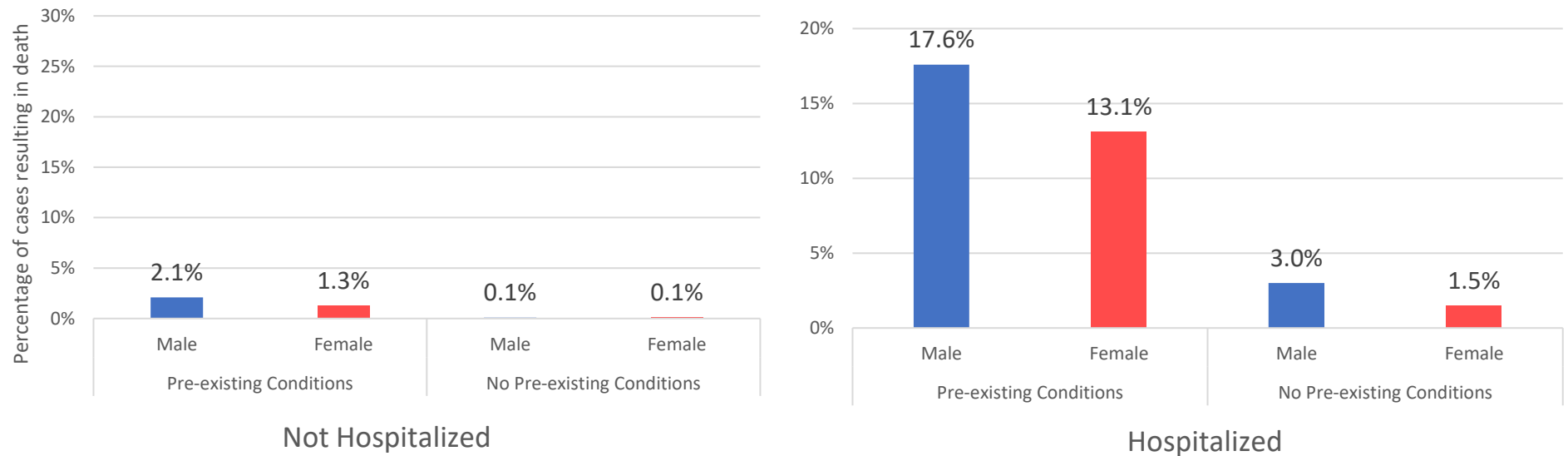
## Case Fatality Rate by Race/Ethnicity and Age Group



### 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.