NEW MEXICO COVID-19 MORTALITY UPDATE
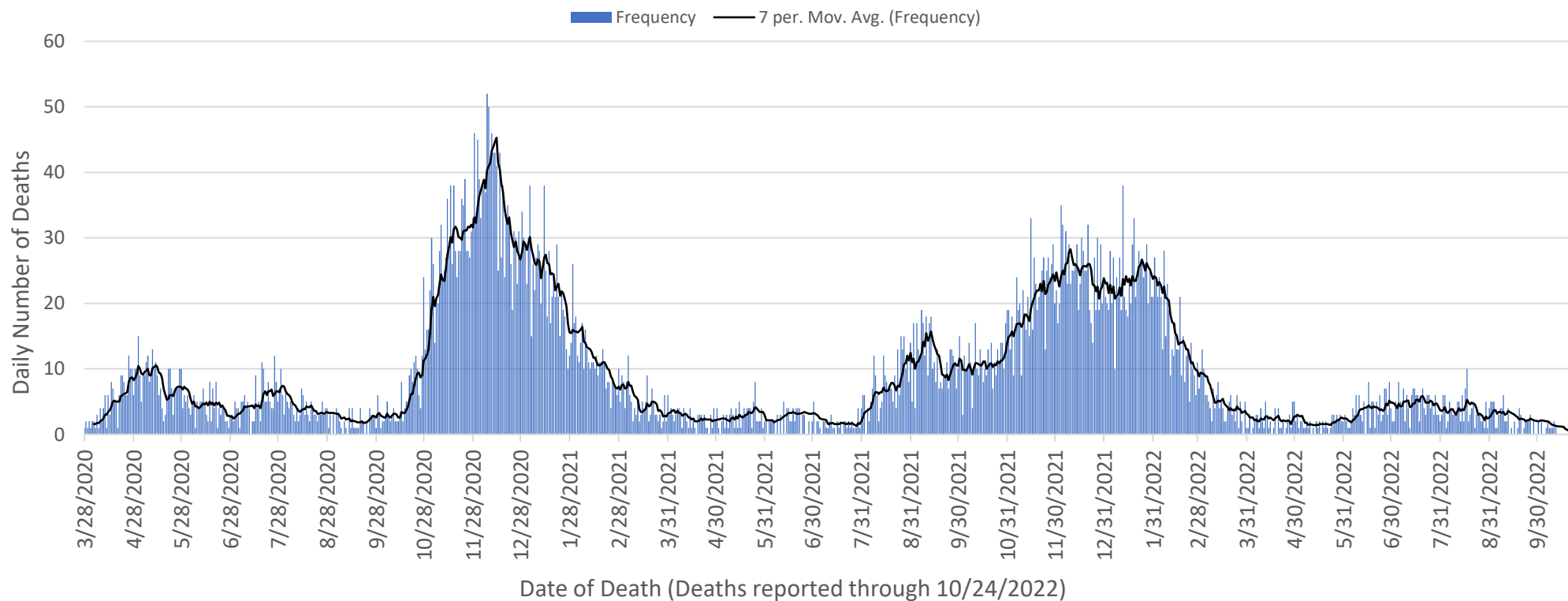## October 24, 2022

All data reported here exclude cases who live out-of-state.
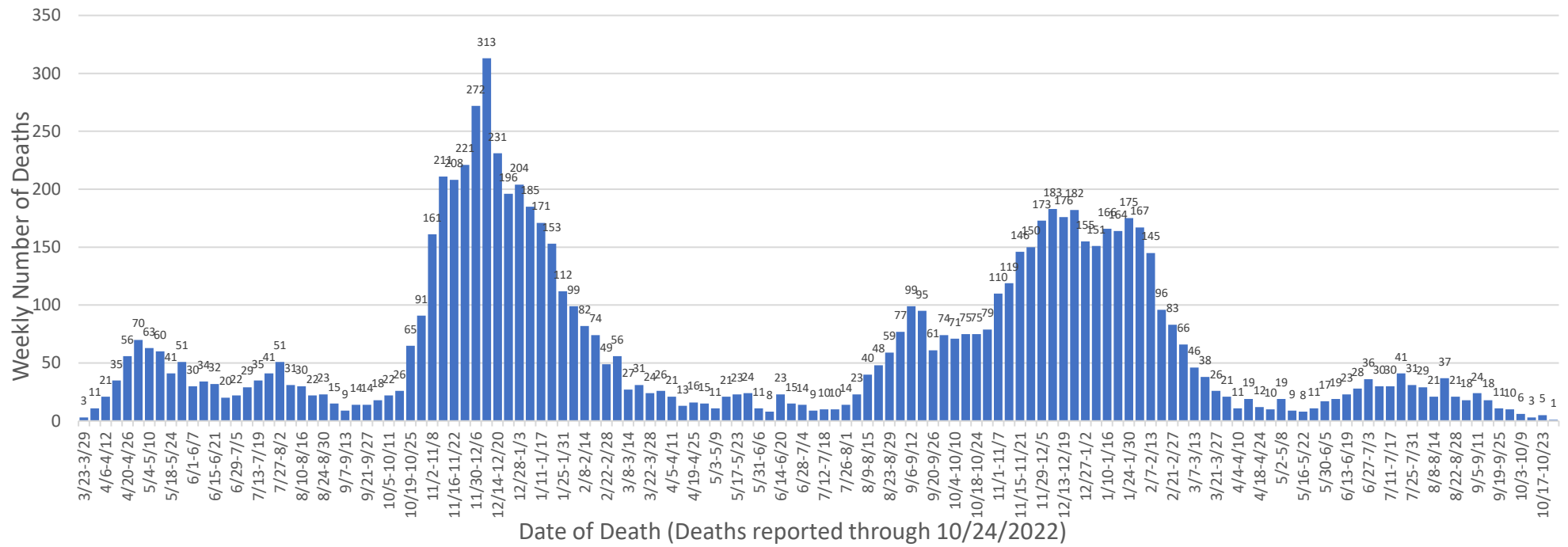
Total Deaths	Deaths in the Last 14 Days
8,621	6

SECTION 1: DEATH COUNTS

Daily Number of Deaths and 7-day Moving Average

Legend: Frequency — 7 per. Mov. Avg. (Frequency)

Y-axis: Daily Number of Deaths

X-axis: Date of Death (Deaths reported through 10/24/2022)

Number of Deaths Each Week

Chart title: **Number of Deaths Each Week**

Y-axis: Weekly Number of Deaths (0 to 350)

X-axis: Date of Death (Deaths reported through 10/24/2022)

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

Legend:
- Not Long-term or Short-term Care
- Long-term or Short-term Care Facility (16% of deaths)

Y-axis: Weekly Number of Deaths

X-axis: Date of Death (Deaths reported through 10/24/2022)
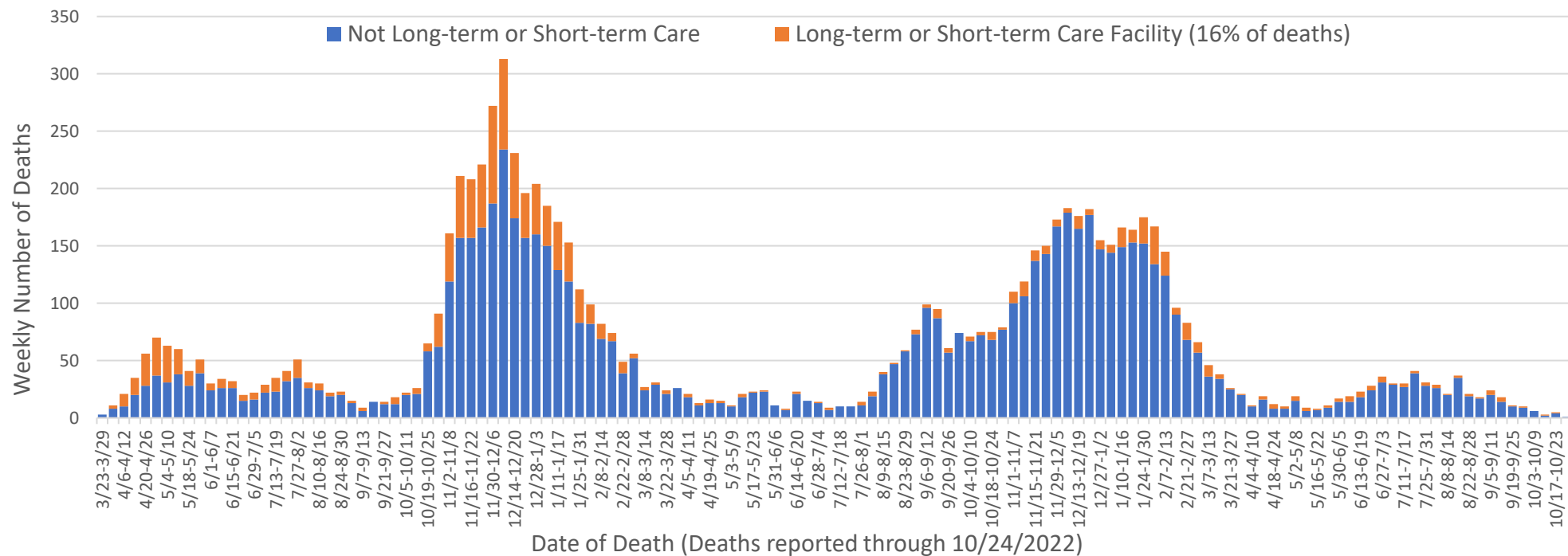
Number of Deaths by Age Group Each Month
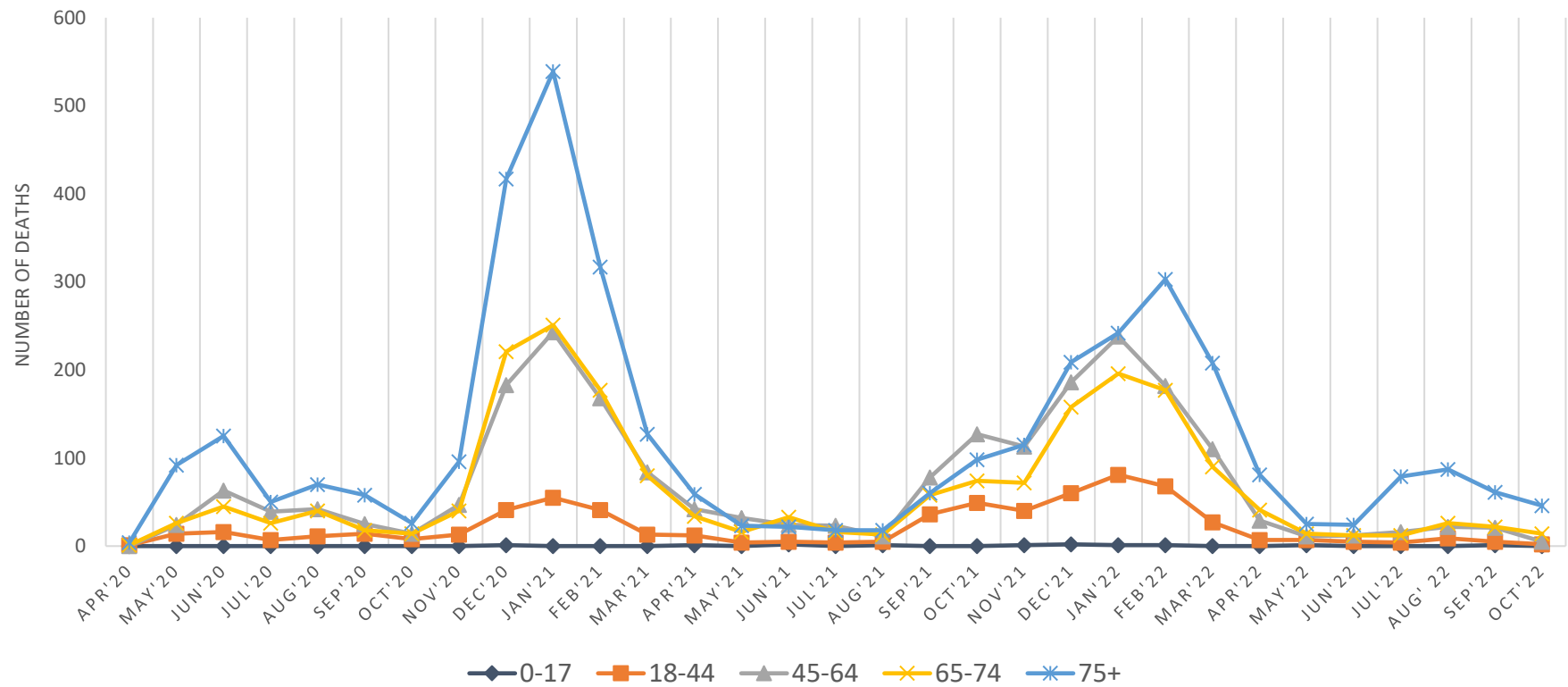
Age Group (years)	Subtotal[1]	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug' 22	Sep'22	Oct'22	Total
0-17	5	1	2	1	1	0	0	1	0	0	0	1	0	0	12
18-44	349	40	60	81	68	27	7	7	5	4	9	5	2	0	664
45-64	1269	113	186	238	182	110	29	11	12	16	22	21	5	3	2217
65-74	1183	72	158	196	177	90	41	14	12	12	26	22	14	3	2020
75+	2219	115	209	242	303	208	81	25	24	79	87	61	46	9	3708
Total	5025	341	615	758	731	435	158	58	53	111	144	110	67	15	8621

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

Number of Deaths by Gender Each Month
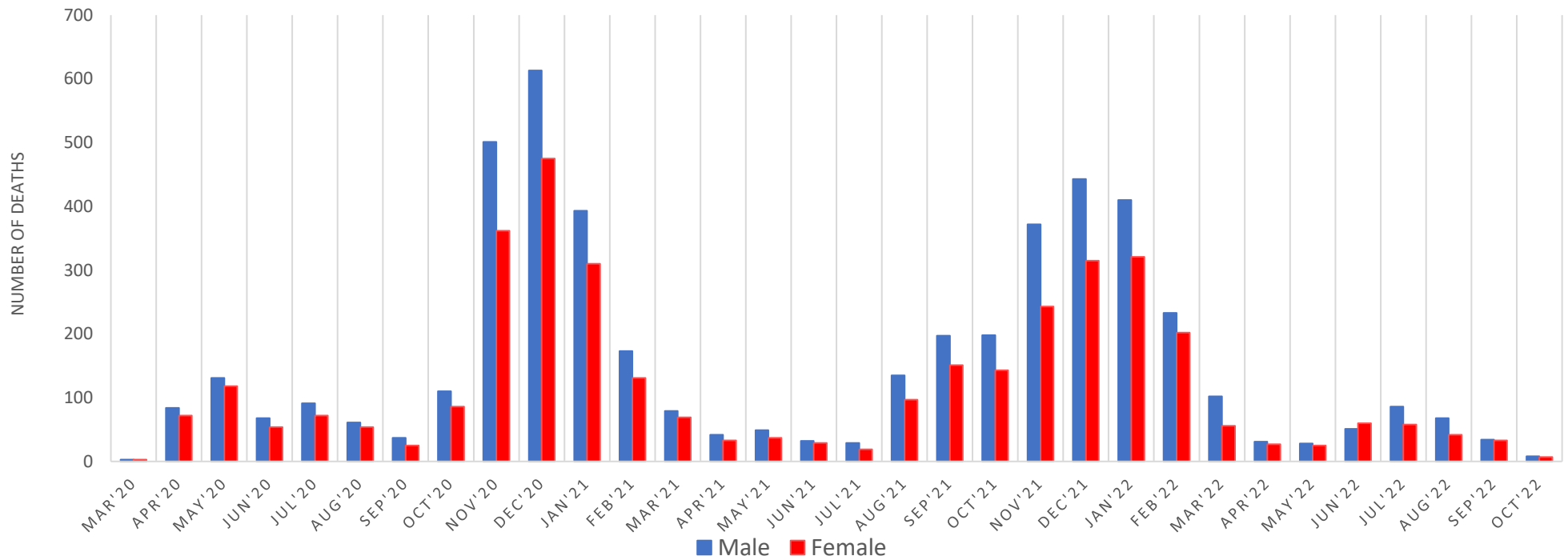
Gender	Subtotal[1]	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
Female	2197	143	243	315	321	202	56	27	25	60	58	42	33	7	3729
Male	2828	198	372	443	410	233	102	31	28	51	86	68	34	8	4892
Total	5025	341	615	758	731	435	158	58	53	111	144	110	67	15	8621

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

Number of Deaths by Race/Ethnicity Each Month
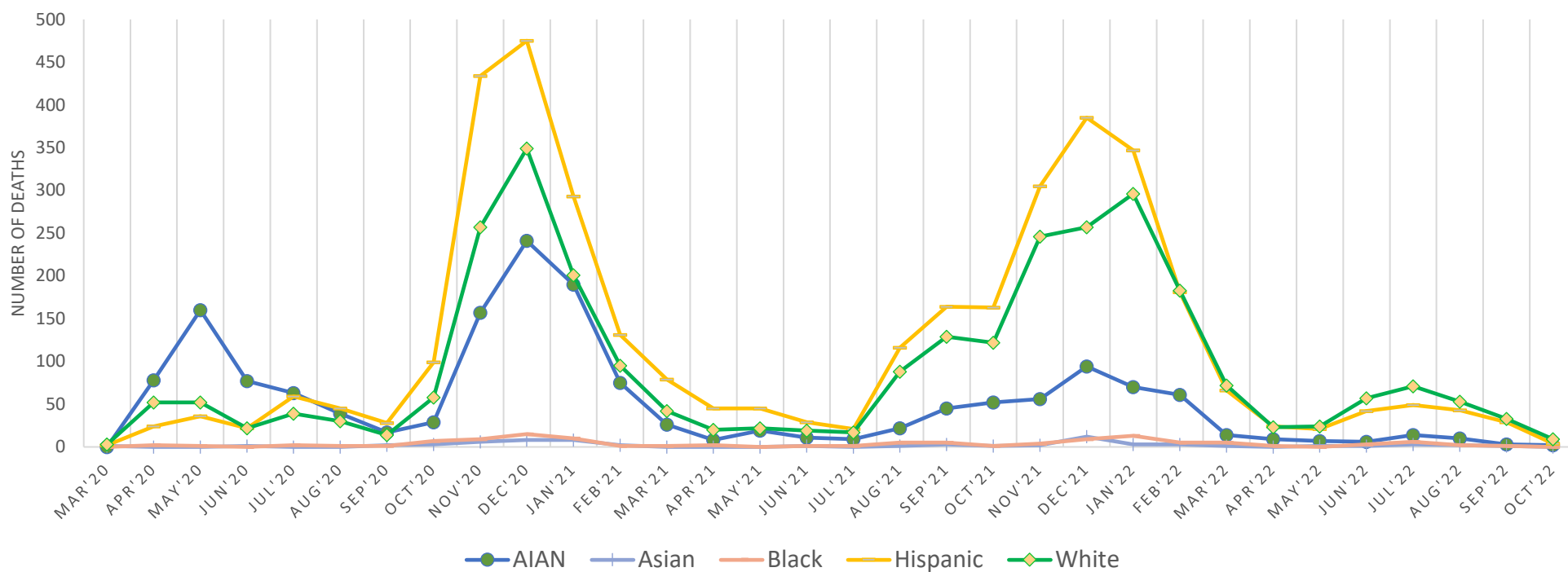
Race/Ethnicity	Subtotal[1]	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
AIAN	1266	52	56	94	70	61	14	9	7	6	14	10	3	2	1664
Asian	36	1	2	12	3	3	1	0	1	1	3	2	1	0	66
Black	64	1	4	9	13	5	5	1	0	3	6	2	1	0	114
Hispanic	2147	163	305	385	347	181	66	24	21	42	49	43	29	4	3806
White	1509	122	246	257	296	183	72	23	24	57	71	53	33	9	2955

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

Percentage of Deaths by Race/Ethnicity and Age Group
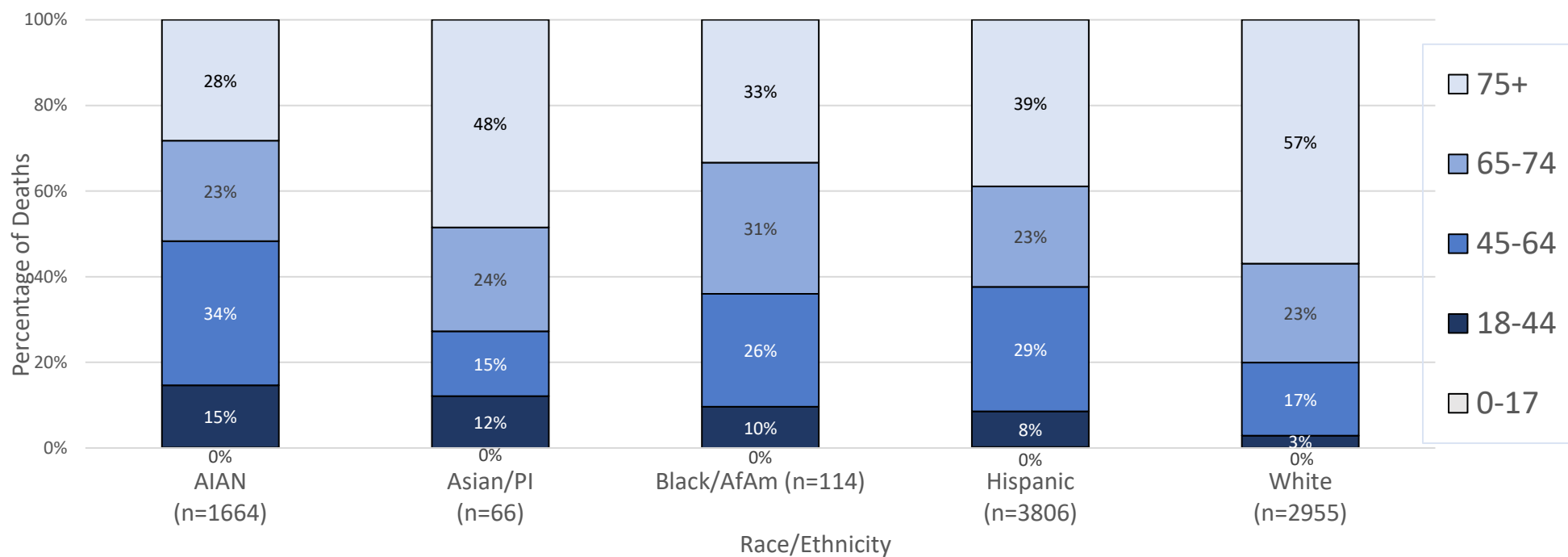
Number of deaths by New Mexico County of residence each month

County of Residence	Subtotal[1]	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	35	17	6	2109
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	2	631
Sandoval	272	15	30	48	48	27	9	4	4	6	6	5	6	0	480
Lea	282	18	11	10	39	18	7	4	0	1	4	5	5	0	404
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	12	3	2	356
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	1	299
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	3	2	217
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	1	100
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	1	69
Quay	22	4	9	16	9	4	1	0	0	1	2	0	1	0	69
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
Total	5025	341	615	758	731	435	158	58	53	111	144	110	67	15	8621

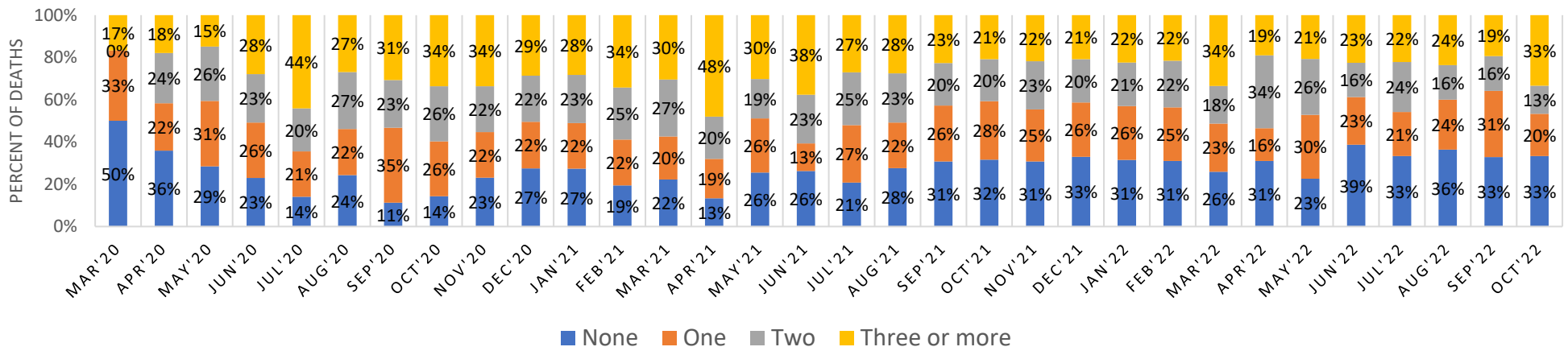1 – The subtotal column includes deaths from March 2020 through September 2021

Number of Deaths by Underlying Conditions Each Month
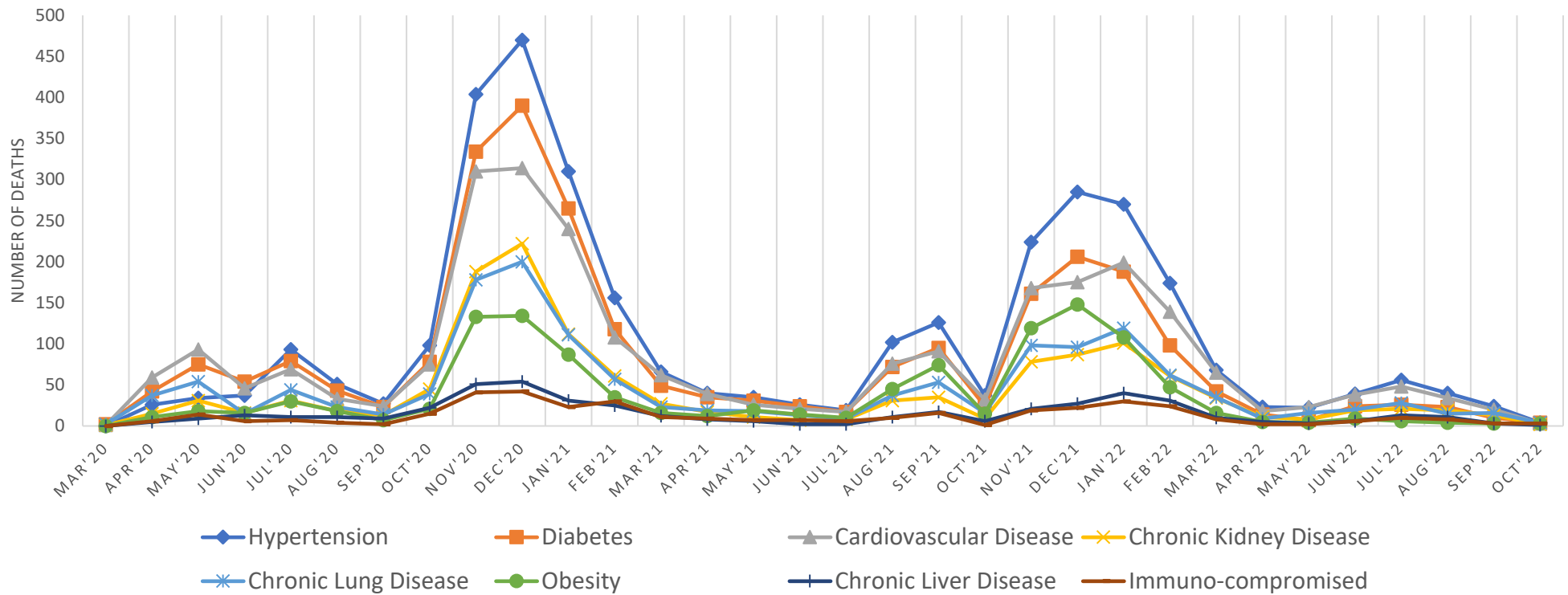
Underlying Conditions	Subtotal[1]	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Total
Hypertension	2214	37	224	285	270	174	68	23	22	39	56	40	24	4	1266
Diabetes	1900	24	161	206	188	98	42	14	7	24	26	23	10	4	827
Cardiovascular Disease	1758	32	168	175	199	139	65	18	23	38	48	34	20	3	962
Chronic Kidney Disease	908	9	78	87	101	61	34	11	8	19	21	19	13	2	463
Chronic Lung Disease	975	16	98	96	119	62	35	9	16	20	28	15	16	4	534
Obesity	740	15	119	148	108	47	16	5	4	9	6	4	3	3	487
Chronic Liver Disease	310	6	21	27	40	31	10	5	3	6	13	11	3	1	177
Immuno-compromised	259	1	19	22	30	24	8	2	2	6	10	8	3	3	138

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

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

PERCENT OF DEATHS

Legend: ■ None ■ One ■ Two ■ Three or more

Stacked bar chart values (None / One / Two / Three or more):

Month	None	One	Two	Three or more
MAR'20	50%	33%	0%	17%
APR'20	36%	22%	24%	18%
MAY'20	29%	31%	26%	15%
JUN'20	23%	26%	23%	28%
JUL'20	14%	21%	20%	44%
AUG'20	24%	22%	27%	27%
SEP'20	11%	35%	23%	31%
OCT'20	14%	26%	26%	34%
NOV'20	23%	22%	22%	34%
DEC'20	27%	22%	22%	29%
JAN'21	27%	22%	23%	28%
FEB'21	19%	22%	25%	34%
MAR'21	22%	20%	27%	30%
APR'21	13%	19%	20%	48%
MAY'21	26%	26%	19%	30%
JUN'21	26%	13%	23%	38%
JUL'21	21%	27%	25%	27%
AUG'21	28%	22%	23%	28%
SEP'21	31%	26%	20%	23%
OCT'21	32%	28%	20%	21%
NOV'21	31%	25%	23%	22%
DEC'21	33%	26%	20%	21%
JAN'22	31%	26%	21%	22%
FEB'22	31%	25%	22%	22%
MAR'22	26%	23%	18%	34%
APR'22	31%	16%	34%	19%
MAY'22	23%	30%	26%	21%
JUN'22	39%	23%	16%	23%
JUL'22	33%	21%	24%	22%
AUG'22	36%	24%	16%	24%
SEP'22	33%	31%	16%	19%
OCT'22	33%	20%	13%	33%

Number of Underlying Conditions	Subtotal[1]	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	48	40	22	5	2396
One	1153	94	152	195	187	110	36	9	16	25	30	26	21	3	2057
Two	1138	68	140	155	150	96	28	20	14	18	34	18	11	2	1892
Three or more	1479	71	134	158	164	94	53	11	11	25	32	26	13	5	2276
Total	5025	341	615	758	731	435	158	58	53	111	144	110	67	15	8621

1 – The subtotal column includes deaths from March 2020 through September 2021.
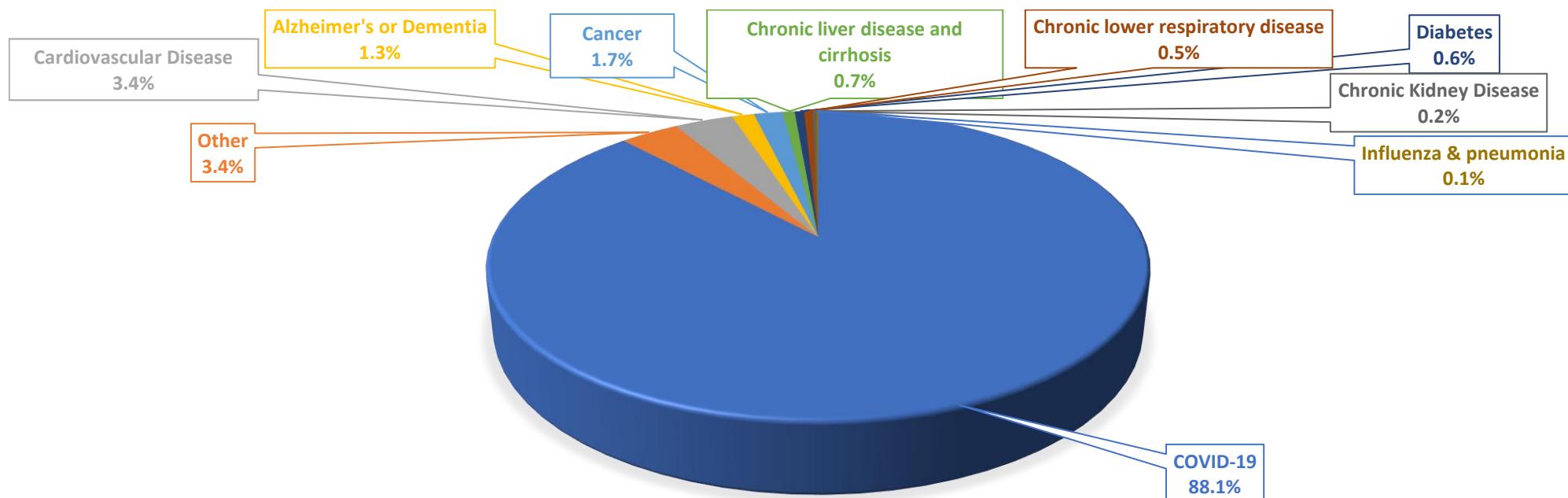
Percentage of Deaths by Underlying Condition and Age Group
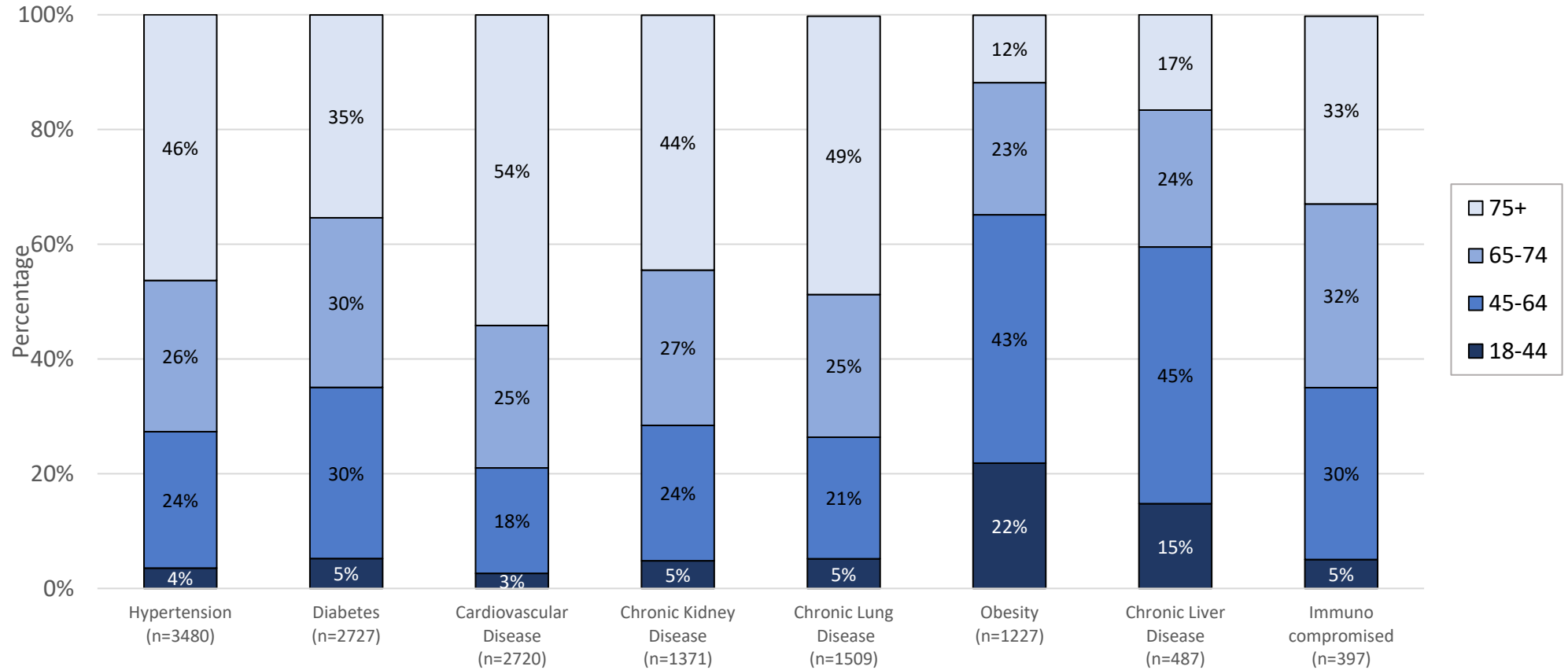
Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result[1]	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	7688	88.9%
Yes	No	322[2]	3.7%
No	Yes	631	7.3%
Total		8621	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

Cardiovascular Disease 3.4%
Alzheimer's or Dementia 1.3%
Cancer 1.7%
Chronic liver disease and cirrhosis 0.7%
Chronic lower respiratory disease 0.5%
Diabetes 0.6%
Chronic Kidney Disease 0.2%
Other 3.4%
Influenza & pneumonia 0.1%
COVID-19 88.1%

Underlying Cause	Number of Deaths*	Percent
COVID-19	7314	88.1%
Other	285	3.4%
Cardiovascular Disease	285	3.4%
Alzheimer's or Dementia	107	1.3%
Cancer	139	1.7%
Chronic liver disease and cirrhosis	59	0.7%
Diabetes	46	0.6%
Chronic lower respiratory disease	42	0.2%
Chronic Kidney Disease	18	0.1%
Influenza & pneumonia	8	0.1%
Total	8303	100.0%
*Excludes 318 (4%) deaths which have not yet been coded by the National Center for Health Statistics.		

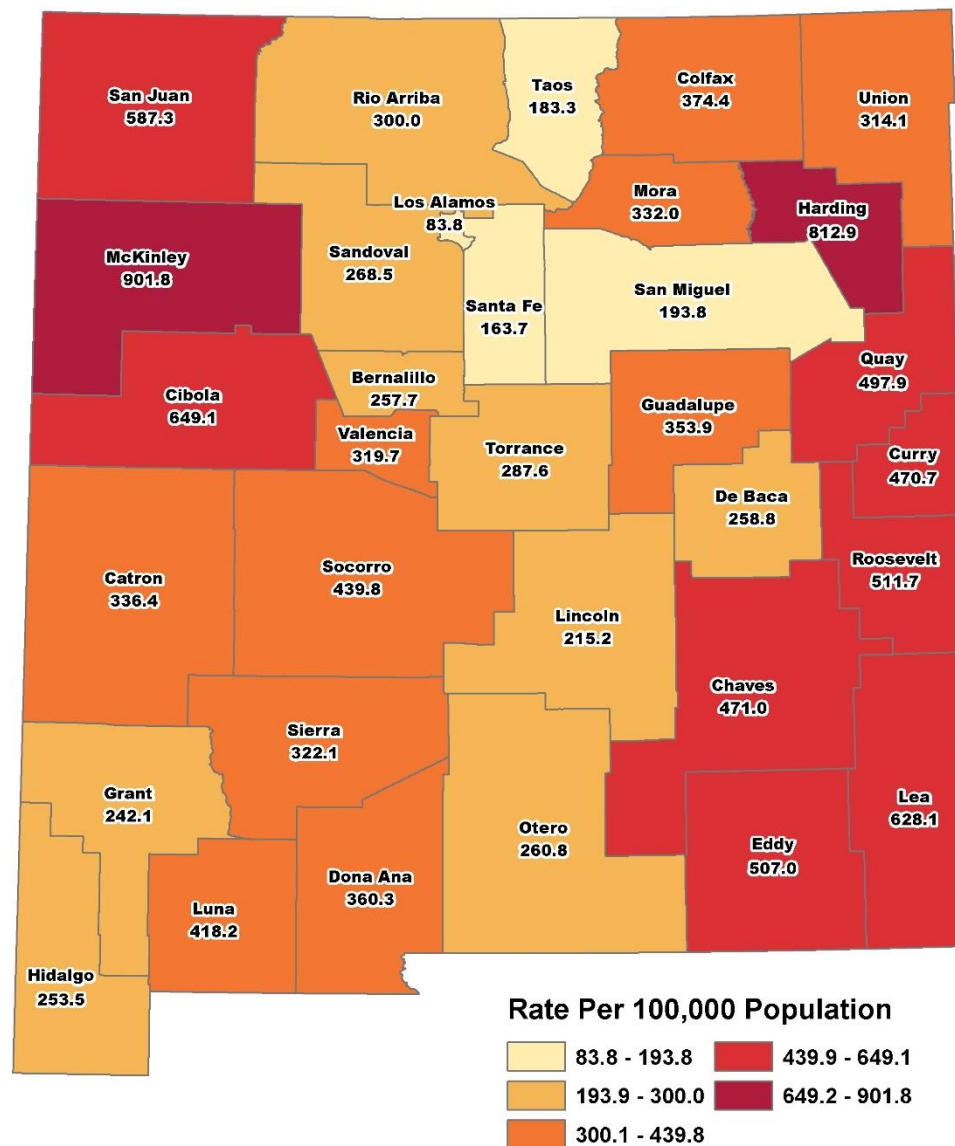**Mortality Rate per 100,000 Population by Age Group**
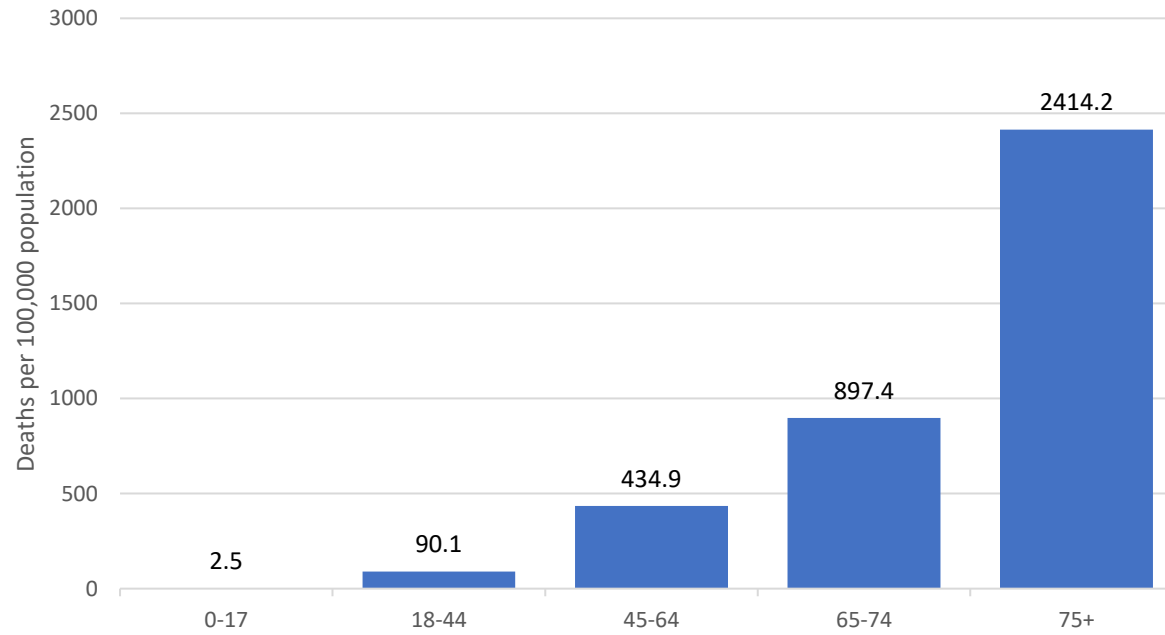
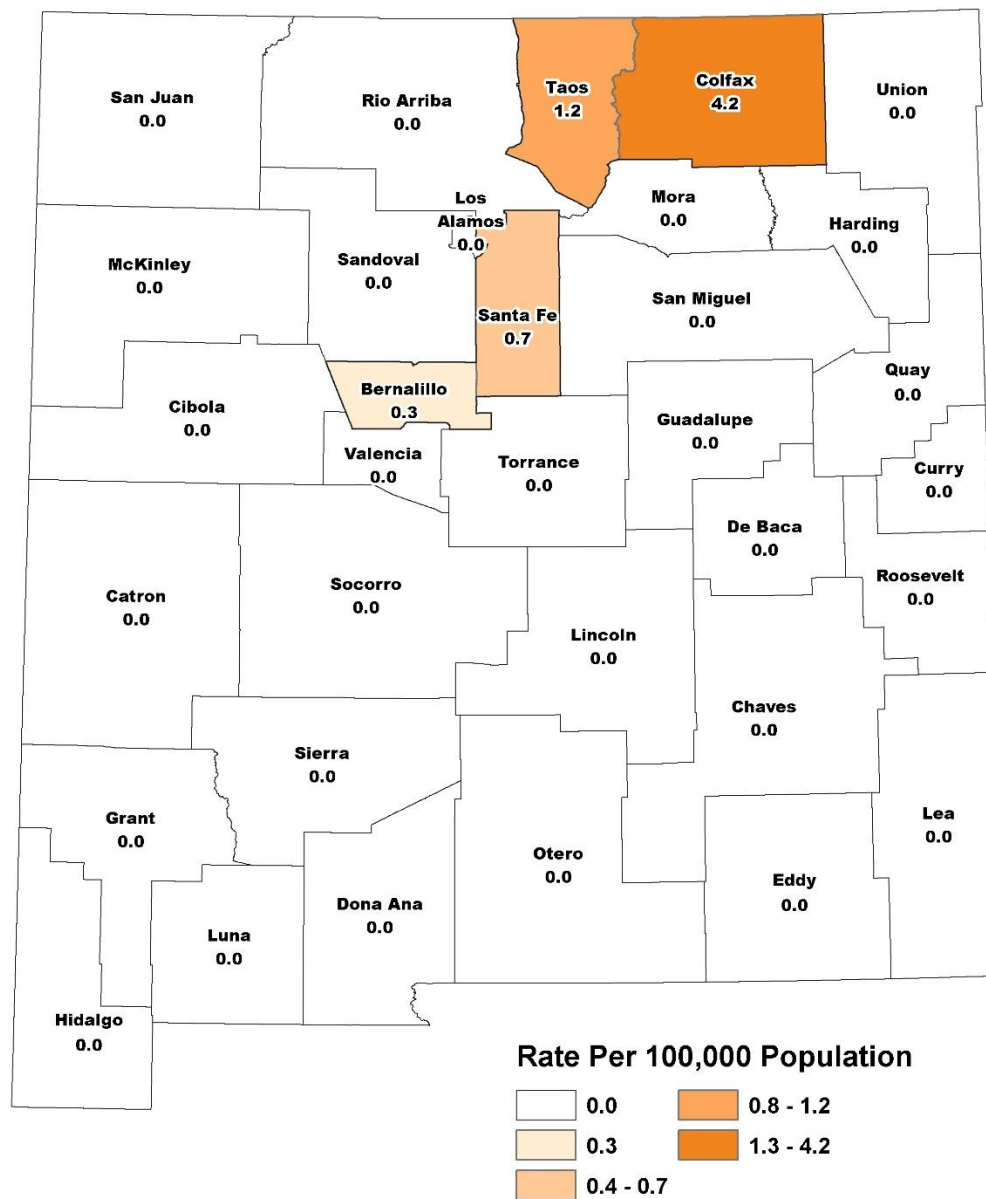## Age-adjusted Mortality Rate per 100,000 Population by Gender
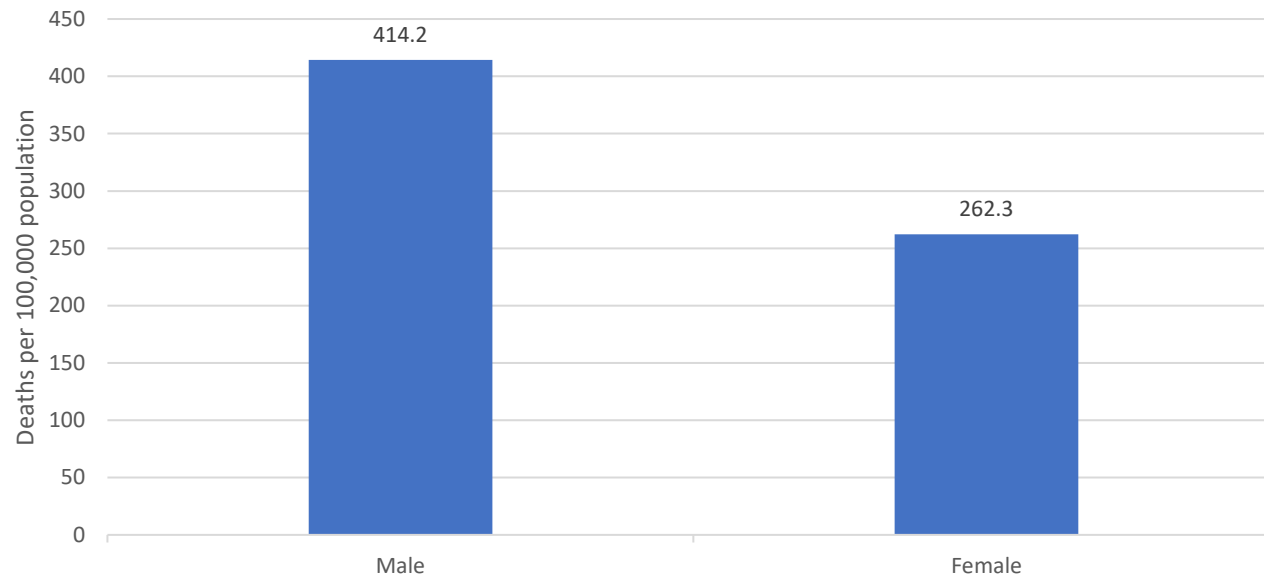
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity
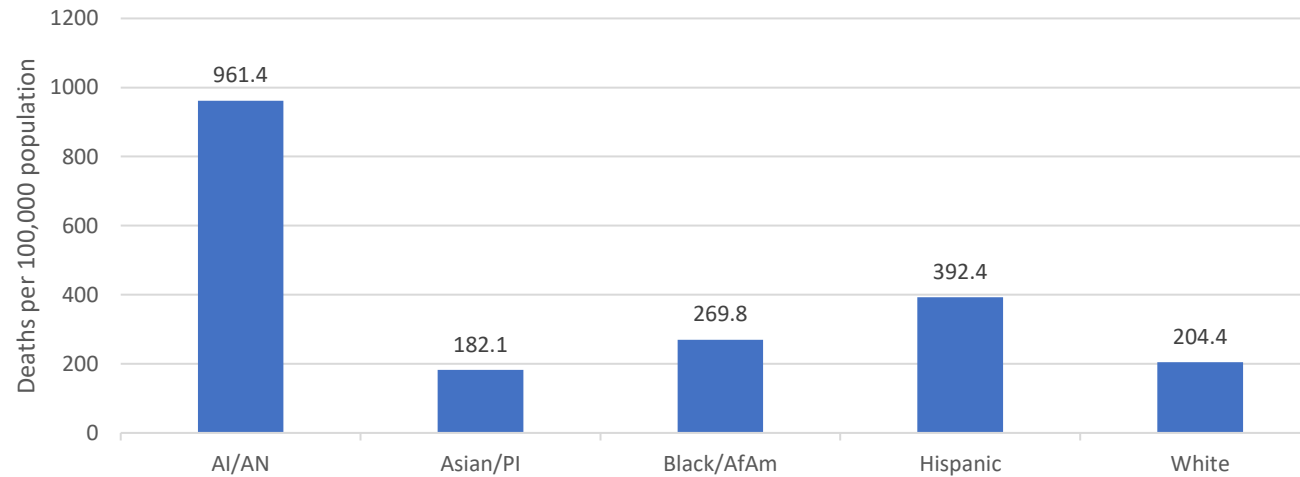
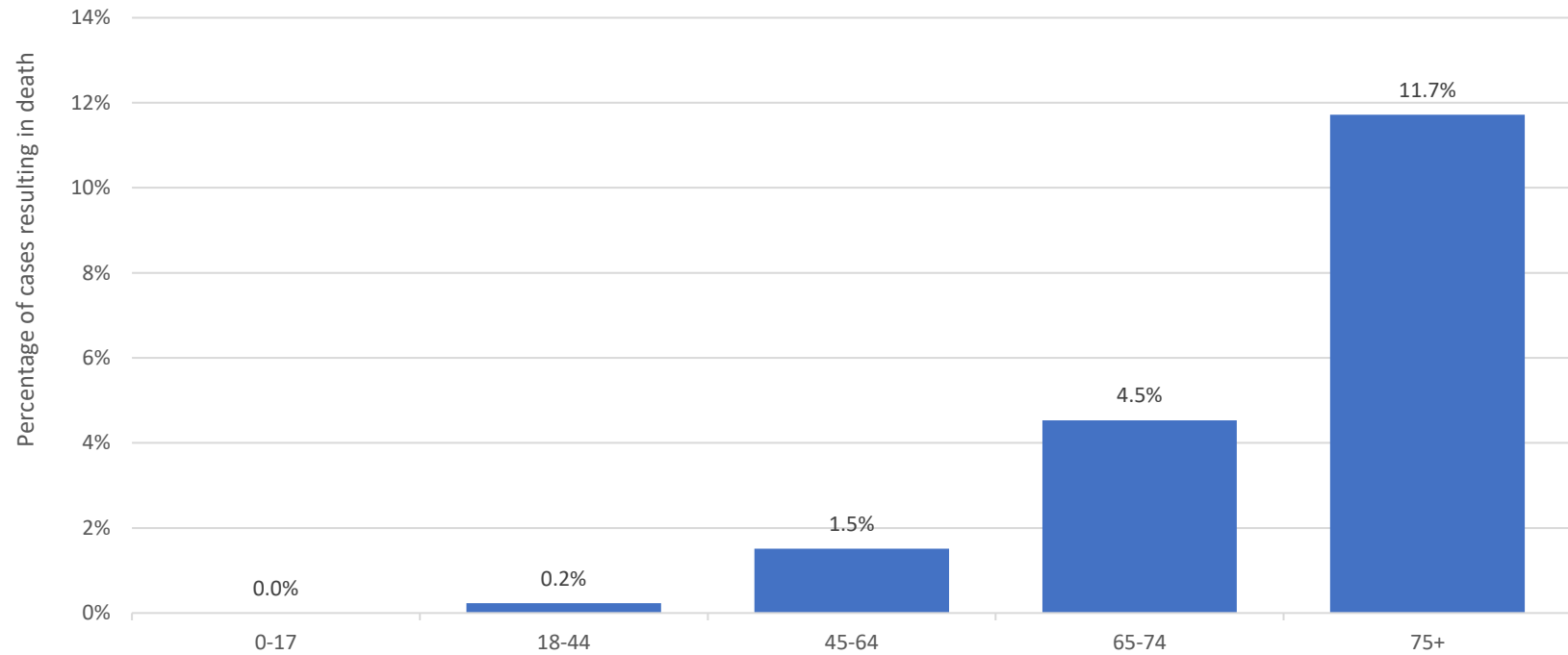Age-adjusted Mortality Rate per 100,000 Population by New Mexico County

County	Rate
San Juan	587.3
Rio Arriba	300.0
Taos	183.3
Colfax	374.4
Union	314.1
McKinley	901.8
Los Alamos	83.8
Mora	332.0
Harding	812.9
Sandoval	268.5
Santa Fe	163.7
San Miguel	193.8
Cibola	649.1
Bernalillo	257.7
Guadalupe	353.9
Quay	497.9
Valencia	319.7
Torrance	287.6
Curry	470.7
De Baca	258.8
Roosevelt	511.7
Catron	336.4
Socorro	439.8
Lincoln	215.2
Chaves	471.0
Sierra	322.1
Lea	628.1
Grant	242.1
Otero	260.8
Eddy	507.0
Dona Ana	360.3
Luna	418.2
Hidalgo	253.5

Rate Per 100,000 Population

- 83.8 - 193.8
- 193.9 - 300.0
- 300.1 - 439.8
- 439.9 - 649.1
- 649.2 - 901.8

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County	Rate
San Juan	0.0
Rio Arriba	0.0
Taos	1.2
Colfax	4.2
Union	0.0
Los Alamos	0.0
Mora	0.0
Harding	0.0
McKinley	0.0
Sandoval	0.0
Santa Fe	0.7
San Miguel	0.0
Quay	0.0
Cibola	0.0
Bernalillo	0.3
Valencia	0.0
Torrance	0.0
Guadalupe	0.0
Curry	0.0
Catron	0.0
Socorro	0.0
De Baca	0.0
Roosevelt	0.0
Lincoln	0.0
Sierra	0.0
Chaves	0.0
Grant	0.0
Otero	0.0
Eddy	0.0
Lea	0.0
Luna	0.0
Dona Ana	0.0
Hidalgo	0.0

Rate Per 100,000 Population

- 0.0
- 0.3
- 0.4 - 0.7
- 0.8 - 1.2
- 1.3 - 4.2

17

Case Fatality Rate by Age Group

Age-adjusted* Case Fatality Rate by Gender
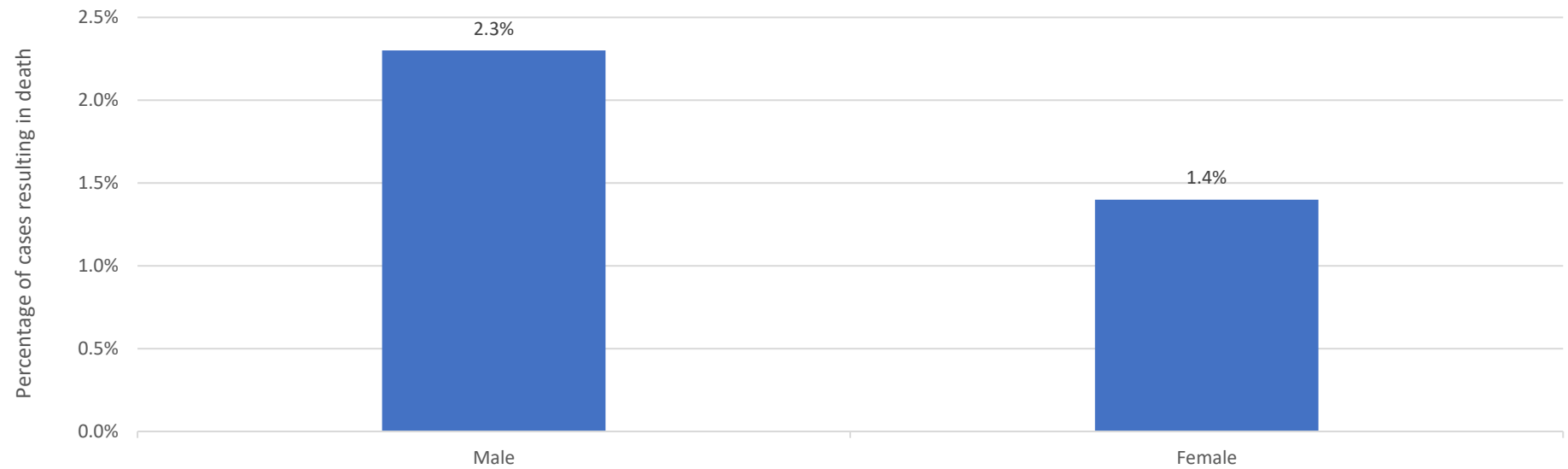
Percentage of cases resulting in death

- Male: 2.3%
- Female: 1.4%

Age-adjusted* Case Fatality Rate by Race/Ethnicity

Percentage of cases resulting in death

- AI/AN: 2.7%
- Asian/PI: 1.7%
- Black/AfAm: 2.2%
- Hispanic: 2.4%
- White: 1.9%

Case Fatality Rate by Race/Ethnicity and Age Group

	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90+
AI/AN	0.0%	0.0%	0.3%	0.8%	1.6%	2.6%	5.6%	10.3%	16.3%	25.9%
Hispanic	0.0%	0.0%	0.1%	0.3%	0.9%	2.0%	4.2%	9.9%	18.8%	27.2%
White	0.0%	0.0%	0.0%	0.2%	0.5%	1.2%	3.0%	6.7%	15.7%	23.3%

Age Group (Years)
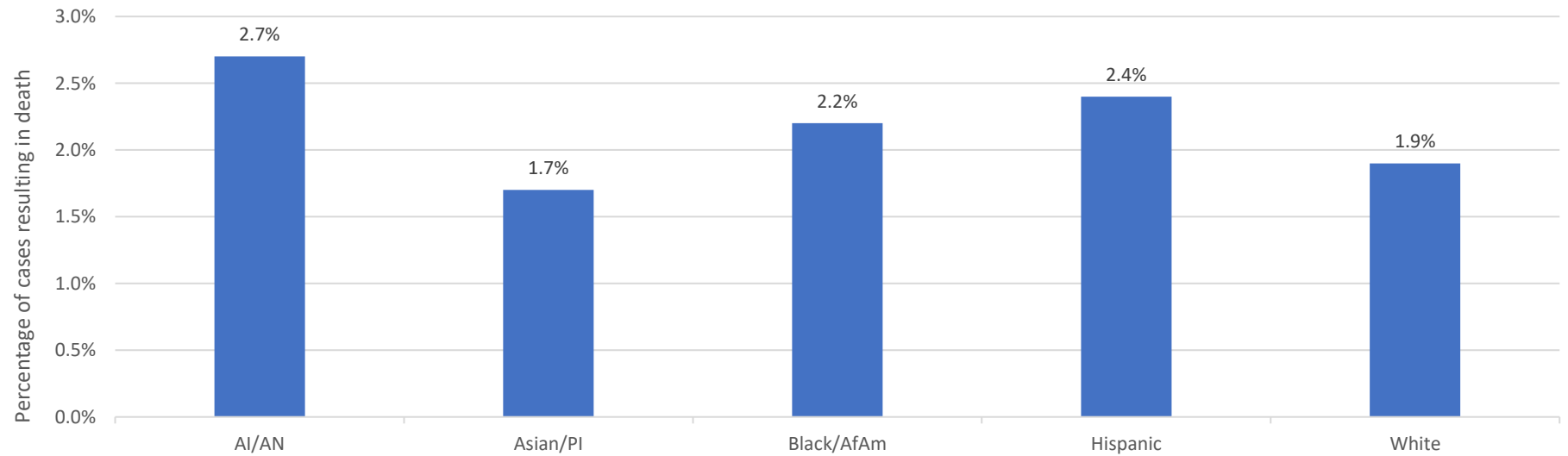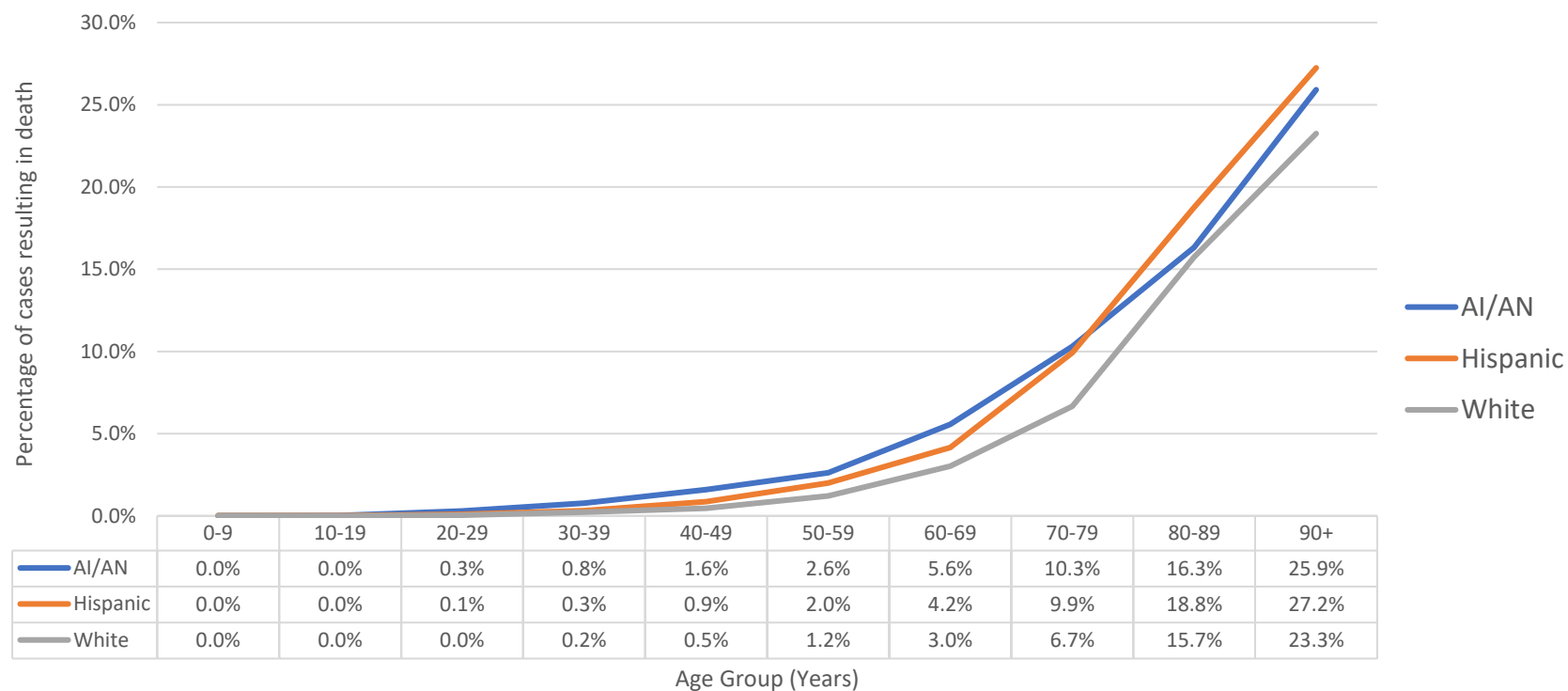
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender

Percentage of cases resulting in death

	AI/AN		Asian/PI		Black/AfAm		Hispanic		White	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	3.6%	2.0%	1.9%	1.5%	2.5%	1.7%	3.1%	1.9%	2.3%	1.5%
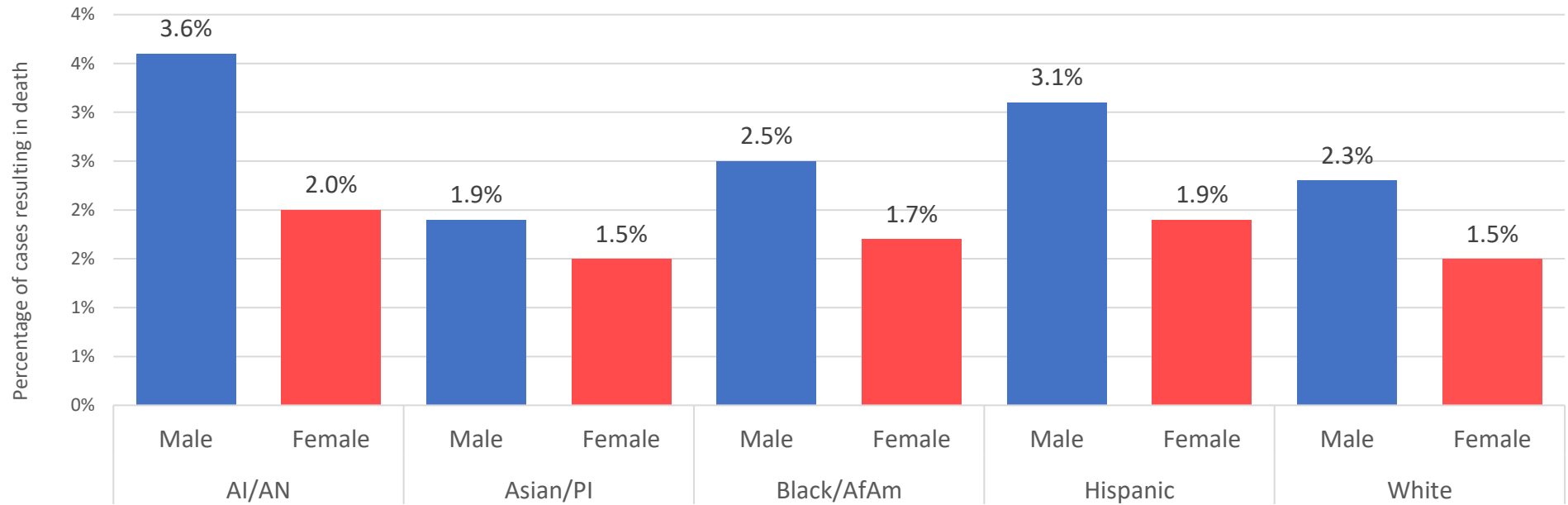
Age-adjusted* Case Fatality Rate by Gender, Underlying Conditions, and Hospitalization Status

Not Hospitalized

Percentage of cases resulting in death

Pre-existing Conditions: Male 2.1%, Female 1.3%
No Pre-existing Conditions: Male 0.1%, Female 0.1%

Hospitalized

Pre-existing Conditions: Male 17.6%, Female 13.1%
No Pre-existing Conditions: Male 3.0%, Female 1.5%
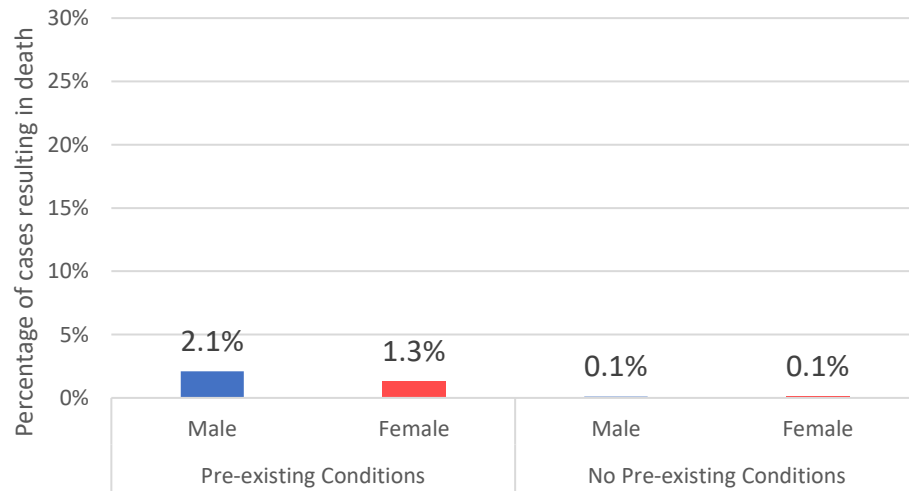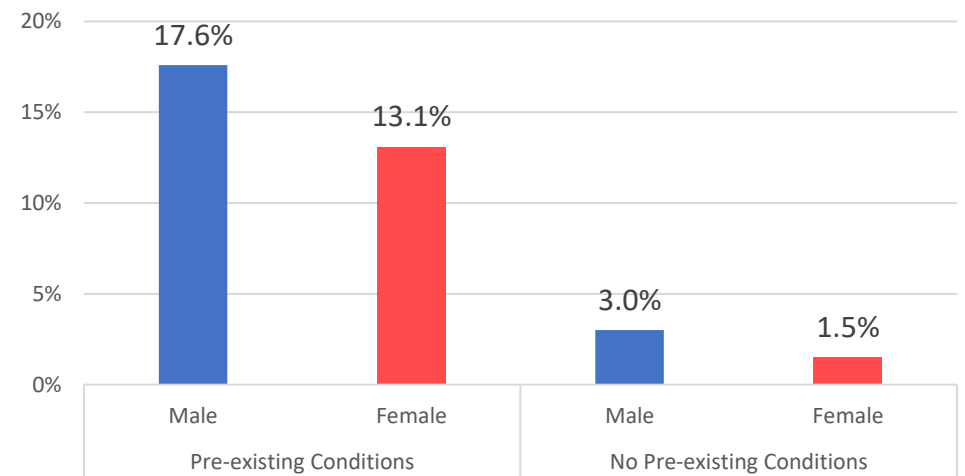
Data Sources

- **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.