

NEW MEXICO COVID-19 MORTALITY UPDATE

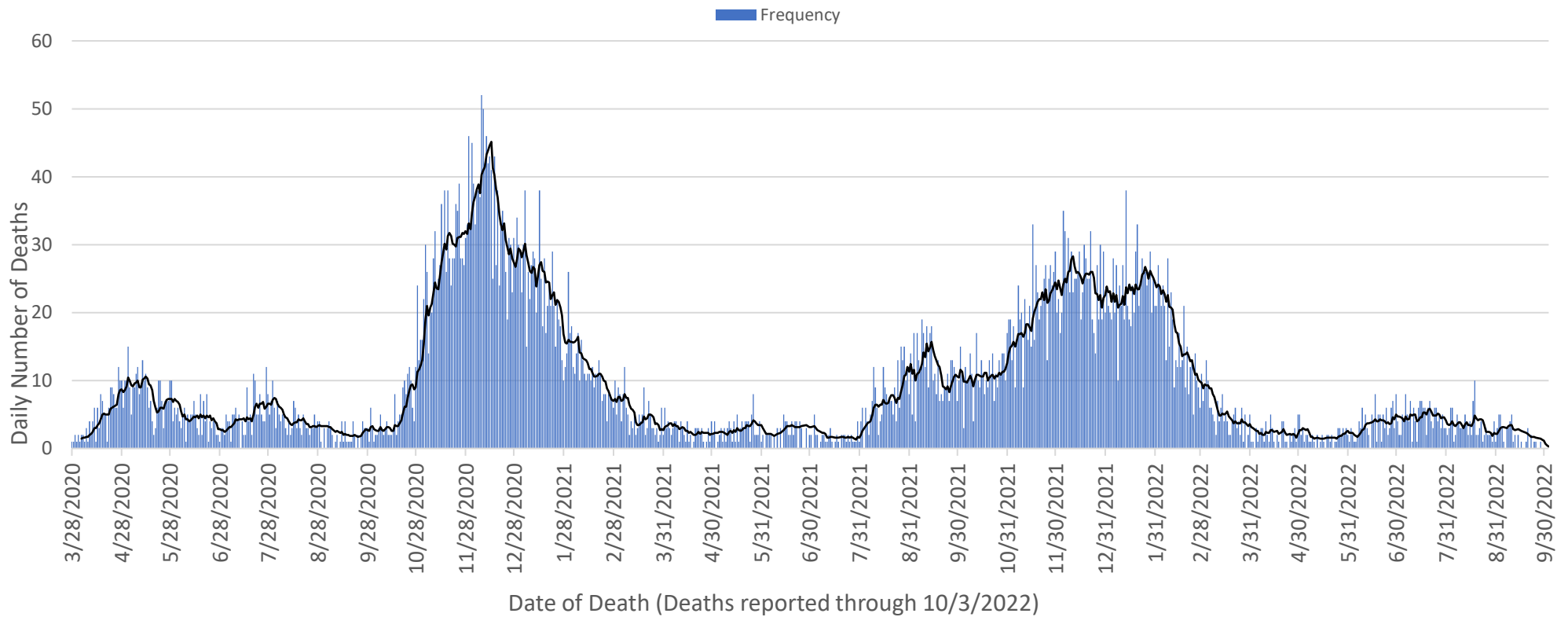
October 3, 2022

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

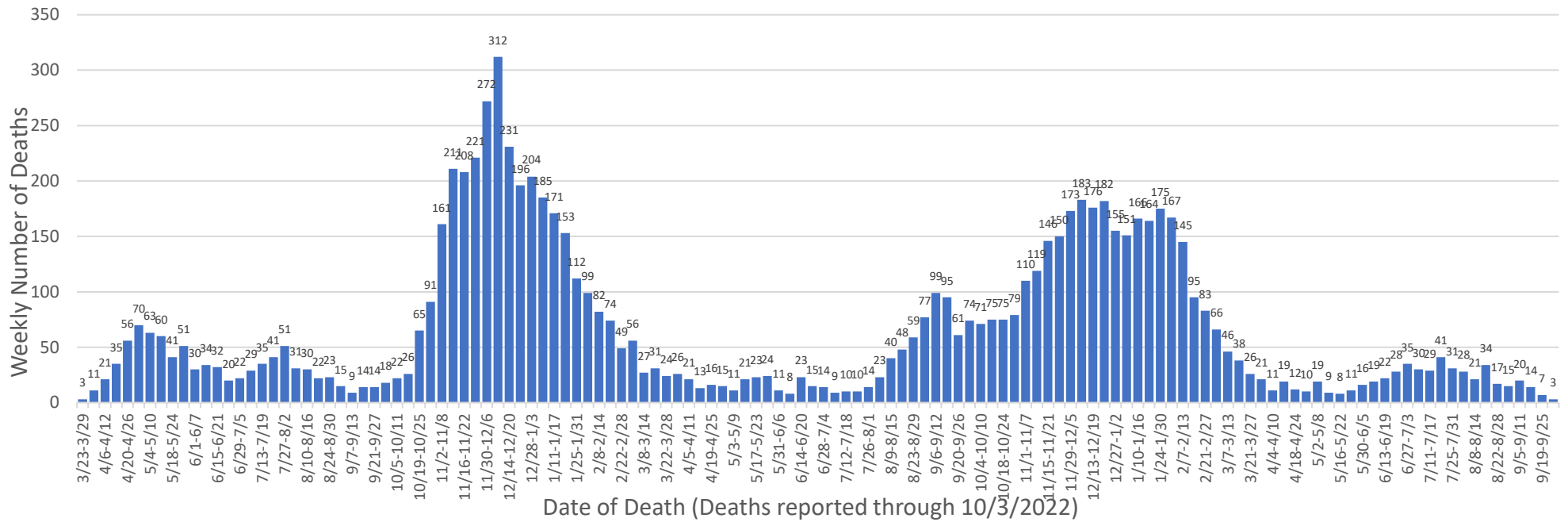
Total Deaths	Deaths in the Last 14 Days
8,570	10

SECTION 1: DEATH COUNTS

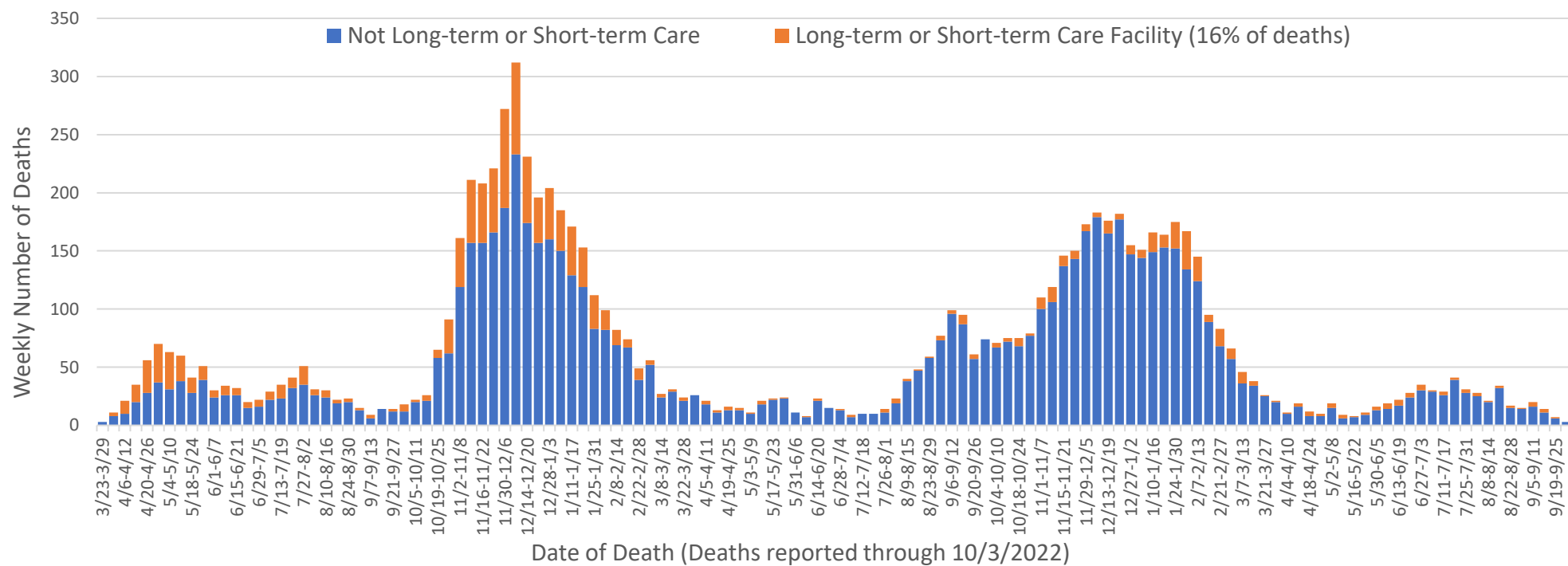
Daily Number of Deaths and 7-day Moving Average



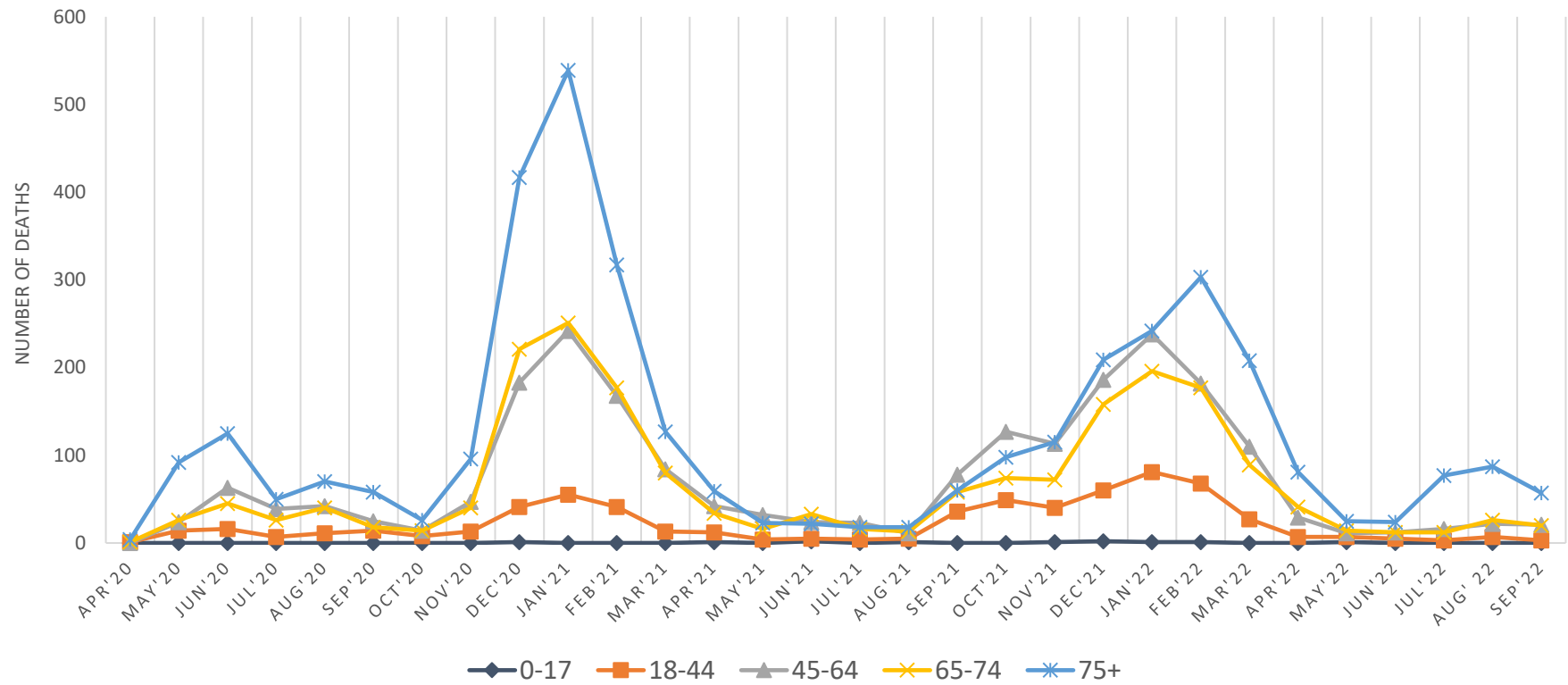
Number of Deaths Each Week



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

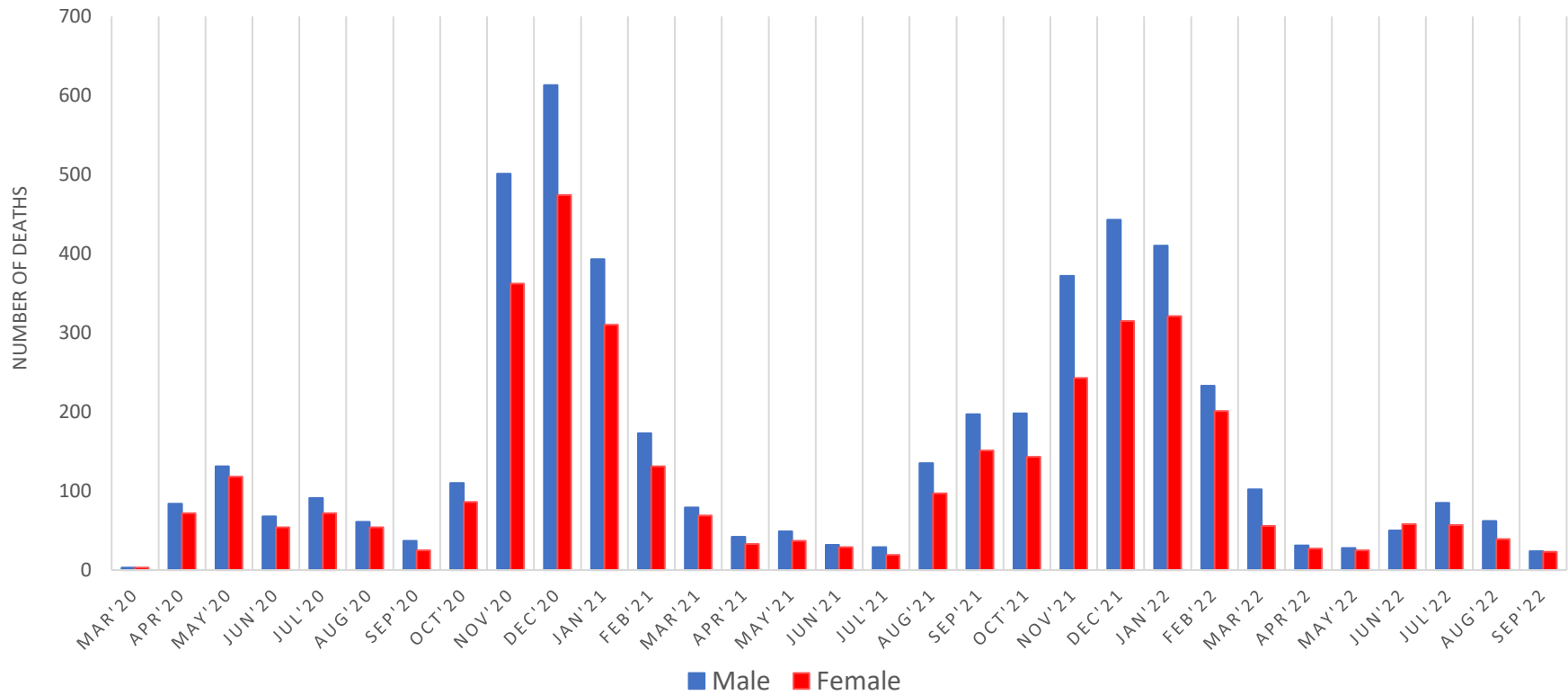


Number of Deaths by Age Group Each Month



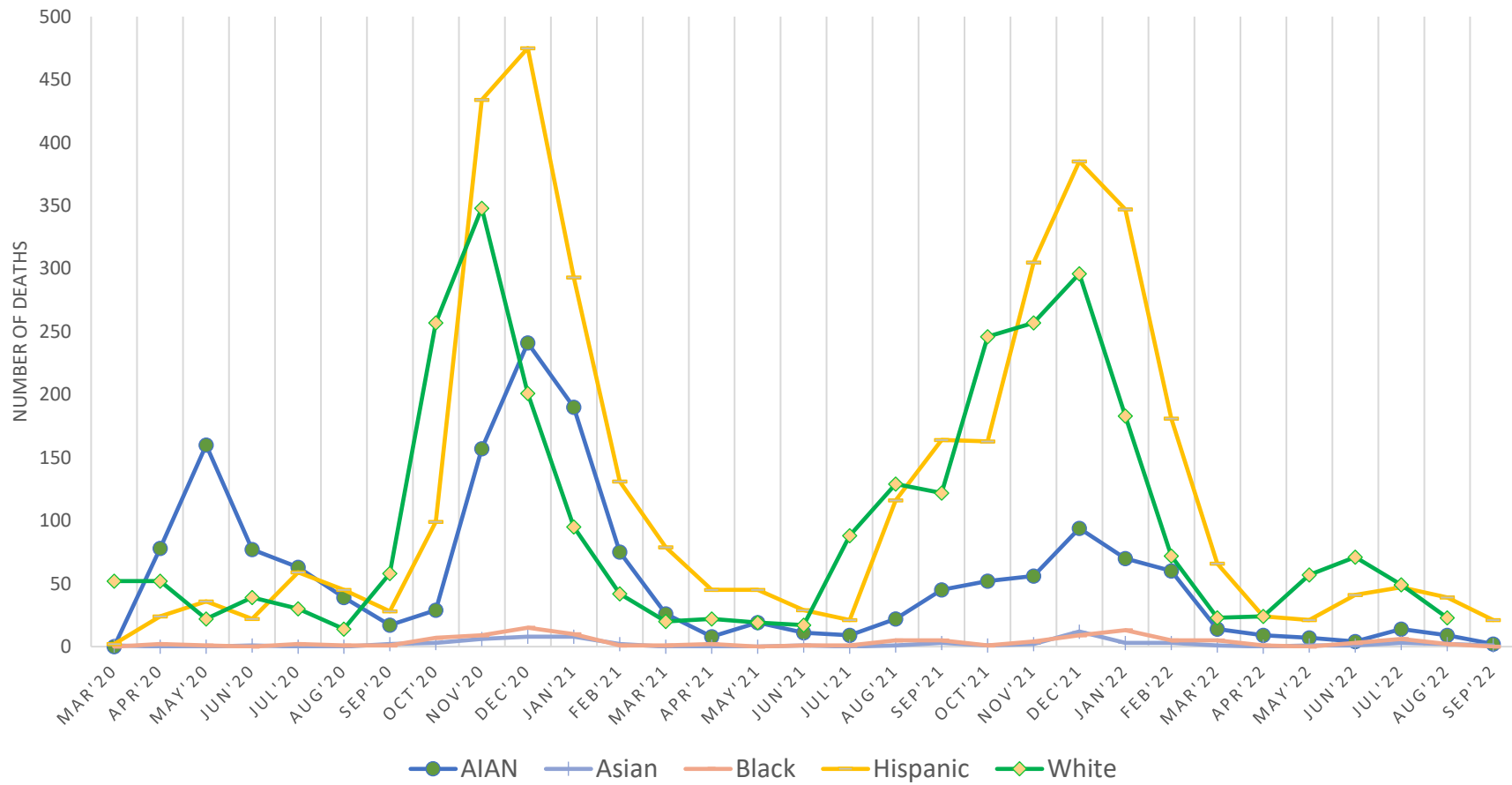
Age Group (years)	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Total
0-17	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	0	1	2	1	1	0	0	1	0	0	0	0	0	11
18-44	1	14	16	7	11	14	8	13	41	55	41	13	12	4	5	4	5	36	49	40	60	81	68	27	7	7	5	3	7	3	0	657
45-64	0	24	63	39	42	25	14	47	183	242	168	84	42	32	24	23	11	78	127	113	186	238	182	110	29	11	12	16	22	21	3	2211
65-74	1	26	45	26	40	18	14	40	221	251	177	80	34	16	33	16	13	58	74	72	158	196	177	89	41	14	12	12	26	20	8	2008
75+	4	92	125	50	70	58	26	96	417	539	317	127	59	23	22	18	18	60	98	115	209	242	303	208	81	25	24	77	87	57	36	3683
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	61	48	232	348	341	615	758	731	434	158	58	53	108	142	101	47	8570

Number of Deaths by Gender Each Month



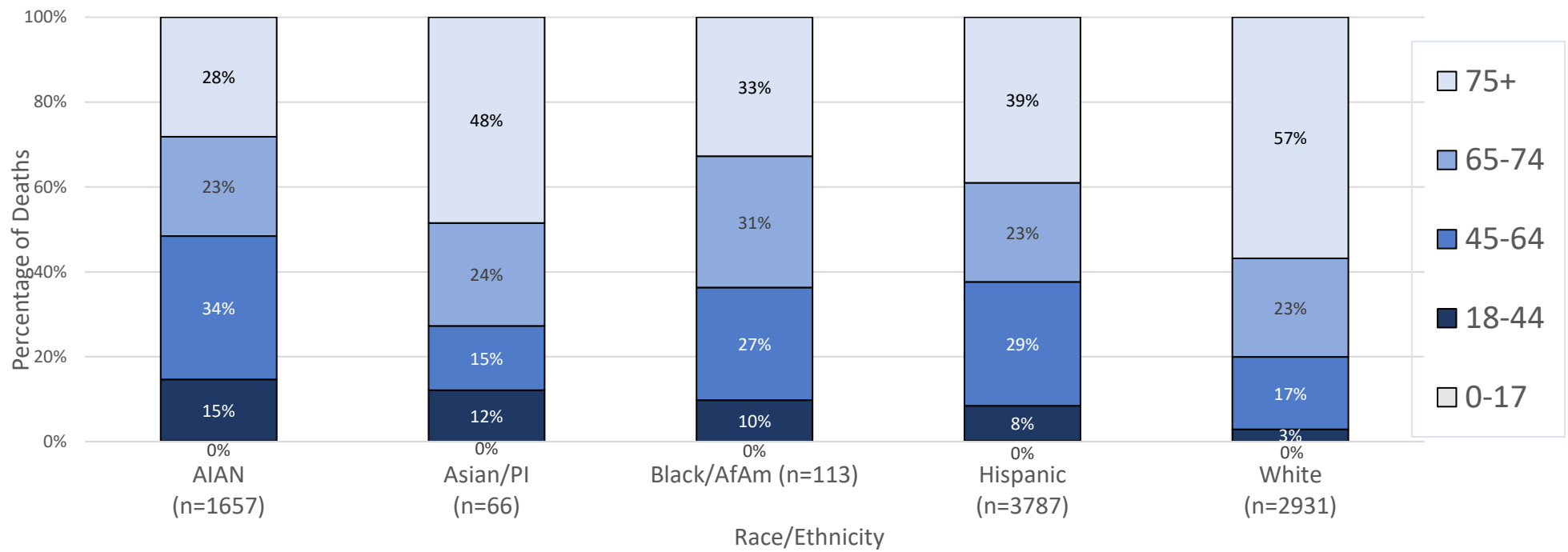
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Total
Female	3	72	118	54	72	54	25	86	362	474	310	131	69	33	37	29	19	97	151	143	243	315	321	201	56	27	25	58	57	39	23	3704
Male	3	84	131	68	91	61	37	110	501	613	393	173	79	42	49	32	29	135	197	198	372	443	410	233	102	31	28	50	85	62	24	4866
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	61	48	232	348	341	615	758	731	434	158	58	53	108	142	101	47	8570

Number of Deaths by Race/Ethnicity Each Month



Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Total
AIAN	0	78	160	77	63	39	17	29	157	241	190	75	26	8	19	11	9	22	45	52	56	94	70	60	14	9	7	4	14	9	2	1657
Asian	1	0	0	1	0	0	2	3	6	8	8	2	0	0	0	1	0	1	3	1	2	12	3	3	1	0	1	1	3	2	1	66
Black	0	2	1	0	2	1	1	7	9	15	10	1	1	2	0	1	1	5	5	1	4	9	13	5	5	1	0	3	6	2	0	113
Hispanic	2	24	36	22	59	45	28	99	434	475	293	131	79	45	45	29	21	116	164	163	305	385	347	181	66	24	21	41	47	39	21	3787
White	3	52	52	22	39	30	14	58	257	348	201	95	42	20	22	19	17	88	129	122	246	257	296	183	72	23	24	57	71	49	23	2931

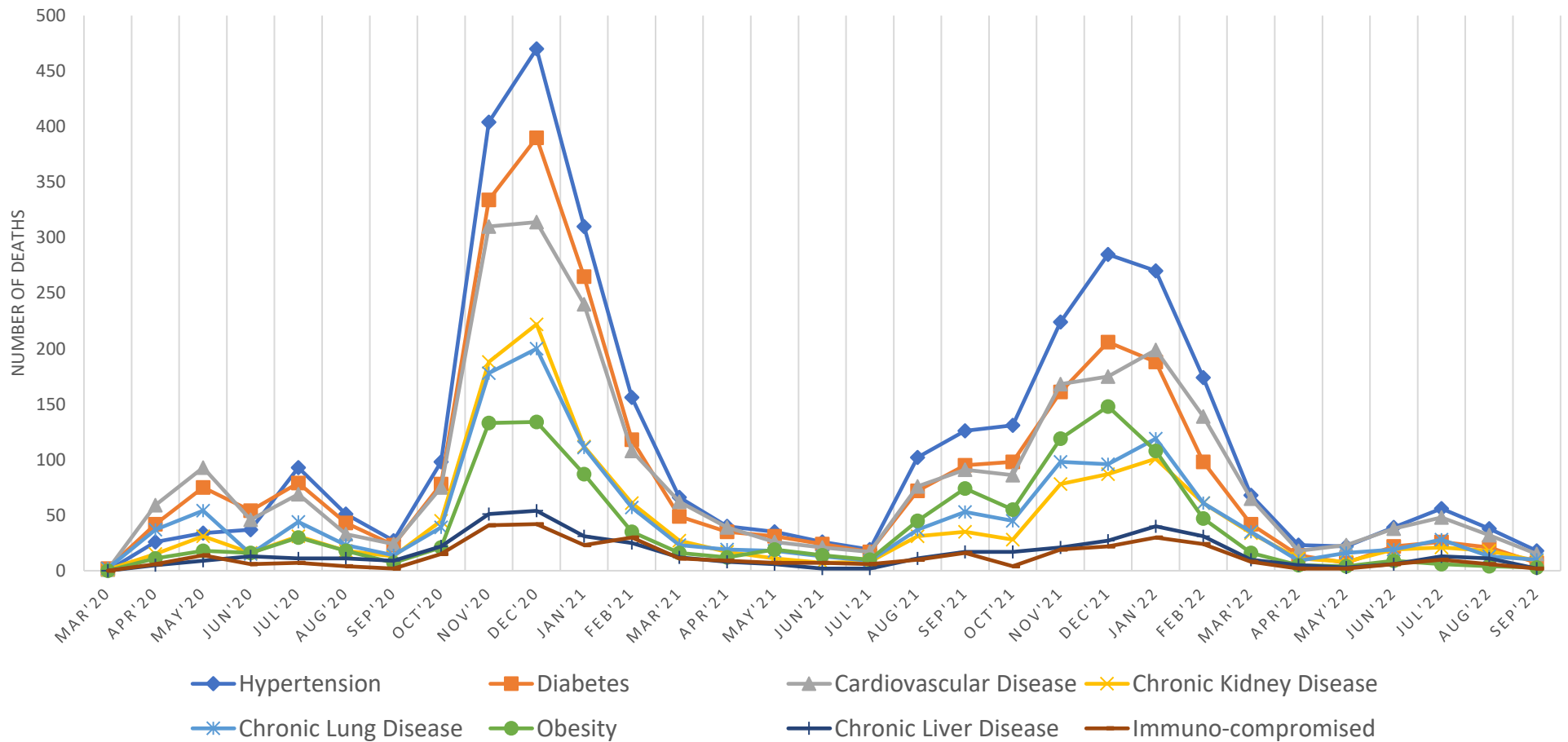
Percentage of Deaths by Race/Ethnicity and Age Group



Number of deaths by New Mexico County of residence each month

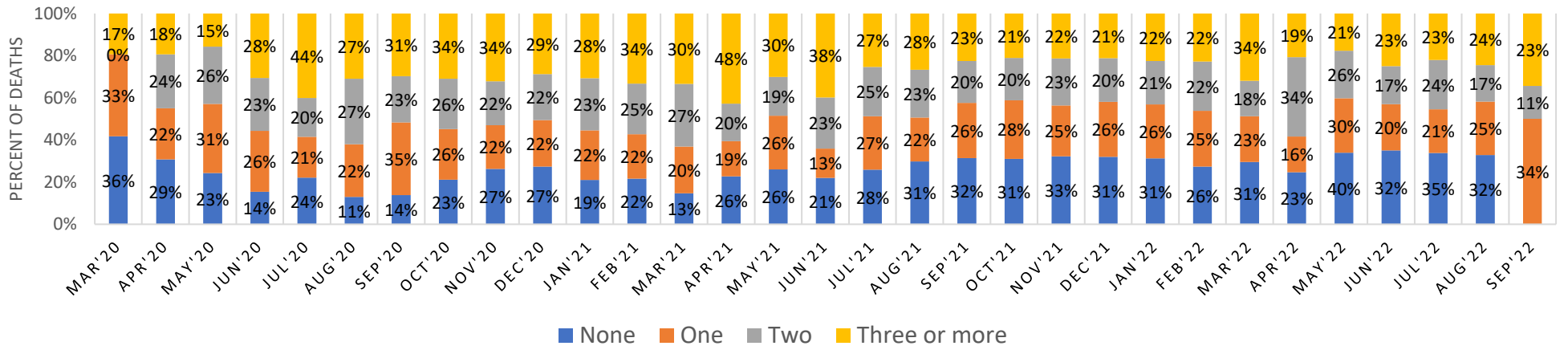
County of Residence	3/20	4/20	5/20	6/20	7/20	8/20	9/20	10/20	11/20	12/20	1/21	2/21	3/21	4/21	5/21	6/21	7/21	8/21	9/21	10/21	11/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22	Total
Bernalillo	4	37	37	12	37	31	14	47	194	260	165	55	29	23	22	11	11	54	72	67	165	223	193	116	47	15	14	45	49	30	15	2094
Dona Ana	0	1	2	7	21	16	7	39	149	104	52	37	23	17	11	6	3	12	23	22	65	91	85	46	15	5	7	5	18	9	6	904
San Juan	0	62	75	38	12	8	3	4	49	83	94	28	18	3	16	7	6	19	22	40	72	61	32	33	10	9	2	3	10	10	3	832
McKinley	0	27	103	45	49	18	10	6	40	85	60	30	5	1	2	1	2	10	15	19	14	16	24	19	6	1	1	2	8	6	3	628
Sandoval	1	16	13	3	9	3	1	6	45	60	48	22	8	3	3	1	2	6	22	15	30	48	48	27	9	4	4	6	5	5	5	478
Lea	0	0	0	0	7	11	9	13	47	58	28	13	5	3	4	2	4	30	48	18	11	10	39	18	7	4	0	1	4	4	2	400
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	1	2	1	11	17	19	18	30	44	23	10	0	2	1	2	5	1	356
Santa Fe	0	2	2	0	0	1	2	10	32	42	38	10	2	1	5	6	1	8	8	12	22	33	44	12	10	3	7	17	9	10	1	350
Eddy	1	0	0	0	4	1	4	14	32	32	29	11	6	5	2	1	4	27	27	17	24	17	23	18	8	2	1	0	2	0	3	315
Valencia	0	0	1	0	2	0	1	3	30	43	17	11	3	3	6	1	3	13	7	13	30	39	27	17	9	3	2	2	6	5	1	298
Curry	0	0	0	0	3	3	1	9	16	27	12	7	3	3	2	1	2	8	24	9	15	23	29	22	0	4	3	2	2	0	1	231
Otero	0	0	4	2	4	2	0	3	15	15	5	16	11	1	2	5	2	5	7	15	31	21	13	17	2	1	1	4	4	4	1	213
Cibola	0	3	4	8	3	3	0	2	36	28	29	3	3	1	5	0	0	3	11	13	7	16	11	6	4	0	1	2	2	0	0	204
Rio Arriba	0	0	1	0	3	9	0	0	12	25	14	8	6	1	0	5	1	2	0	3	12	19	11	9	4	1	1	1	2	5	0	155
Luna	0	1	0	2	0	2	2	6	28	17	16	15	3	1	0	0	0	1	1	4	9	13	6	7	4	2	0	2	2	3	0	147
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	0	1	4	5	2	6	17	9	3	1	1	0	0	0	1	1	110
Grant	0	0	0	0	1	0	0	2	5	18	10	6	1	0	0	0	2	3	3	8	16	8	9	5	2	1	1	4	2	0	0	107
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	1	2	0	6	4	7	3	9	7	0	0	1	3	1	0	2	99
Socorro	0	2	3	0	1	0	0	9	16	17	5	4	2	0	1	0	0	1	1	3	4	9	10	2	0	0	0	3	2	1	0	96
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	0	0	1	1	4	7	8	5	2	0	0	1	2	1	0	1	85
San Miguel	0	0	0	0	0	0	0	1	2	4	3	3	5	0	0	0	0	1	3	8	8	10	12	5	2	2	2	0	4	1	0	76
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	1	1	0	3	9	9	5	5	12	6	0	0	0	0	1	0	0	70
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	2	0	0	2	3	8	2	3	2	1	0	0	0	1	0	0	68
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	1	1	0	2	8	4	9	16	9	4	1	0	0	1	2	0	0	68
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	3	0	1	3	4	11	16	4	3	1	0	0	0	1	0	0	60
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	1	4	1	5	2	1	0	1	0	0	0	0	22
Los Alamos	0	0	0	0	0	0	0	0	0	1	2	2	1	0	1	0	0	2	0	0	2	0	2	2	1	0	0	2	2	2	0	22
Mora	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	1	0	2	0	1	1	3	3	0	1	0	1	0	0	0	0	20
Guadalupe	0	0	0	0	0	1	0	0	1	5	4	0	0	1	1	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	18
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	0	0	0	0	0	2	2	1	0	3	0	1	0	0	0	0	0	0	18
Hidalgo	0	0	0	1	1	0	0	0	3	3	1	0	0	0	0	0	0	1	1	0	1	0	3	0	1	0	0	0	0	0	0	16
De Baca	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	6
Harding	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	61	48	232	348	341	615	758	731	434	158	58	53	108	142	101	47	8570

Number of Deaths by Underlying Conditions Each Month



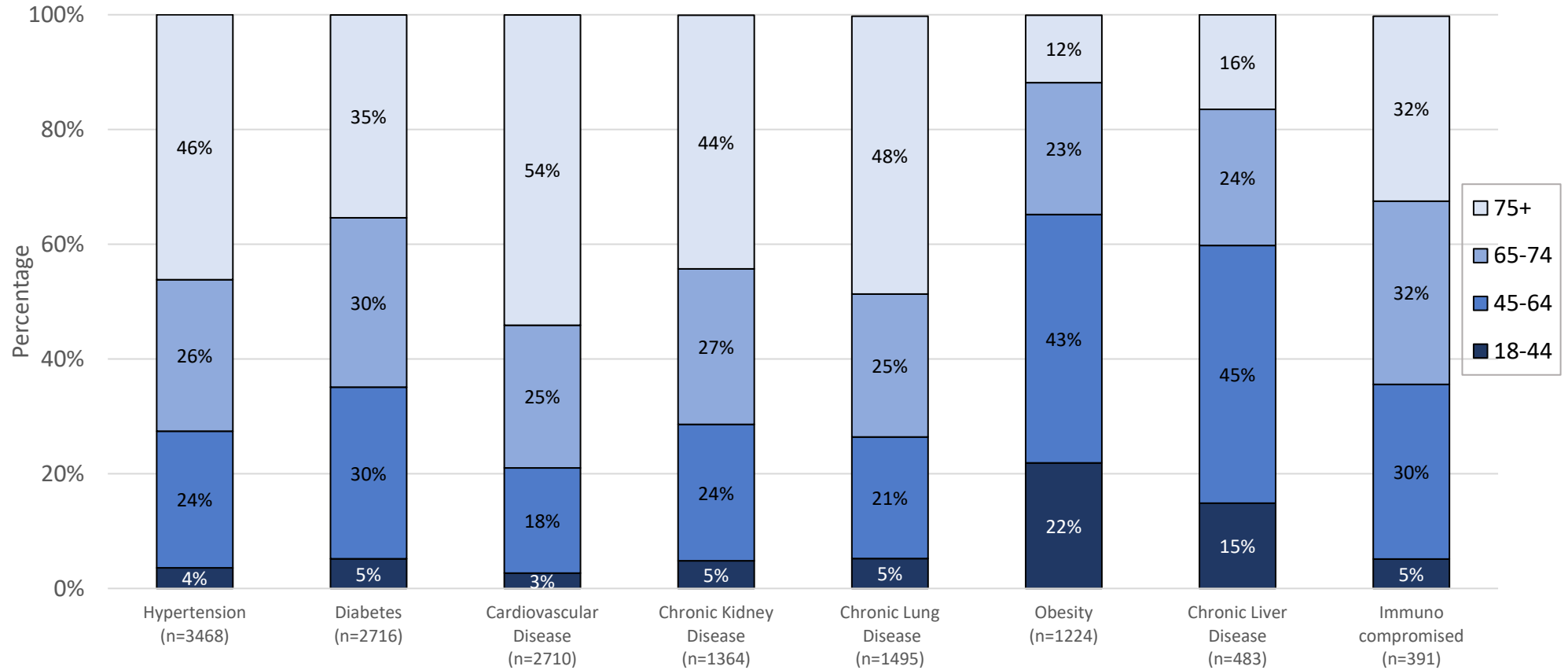
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Total
Hypertension	0	26	34	37	93	51	27	98	404	470	310	156	66	40	35	26	19	102	126	131	224	285	270	174	68	23	22	39	56	38	18	3468
Diabetes	2	42	75	54	79	43	23	78	334	390	265	118	49	35	31	24	17	72	95	98	161	206	188	98	42	14	7	22	26	21	7	2716
Cardiovascular Disease	1	59	93	46	69	33	24	75	310	314	240	108	62	39	26	21	17	76	91	86	168	175	199	139	65	18	23	38	48	32	15	2710
Chronic Kidney Disease	1	15	31	16	31	18	13	45	188	222	112	61	27	17	11	7	8	31	35	28	78	87	101	61	34	11	8	19	21	18	9	1364
Chronic Lung Disease	2	37	54	15	44	23	14	39	178	200	111	57	23	19	18	13	9	37	53	45	98	96	119	61	35	9	16	19	28	13	10	1495
Obesity	0	11	18	16	30	18	7	21	133	134	87	35	16	12	19	14	10	45	74	55	119	148	108	47	16	5	4	9	6	4	3	1224
Chronic Liver Disease	0	5	9	13	11	11	9	22	51	54	31	25	12	8	6	2	2	11	17	17	21	27	40	31	10	5	3	6	13	11	2	485
Immuno-compromised	0	6	14	6	7	4	2	15	41	42	23	30	11	9	7	7	6	10	16	4	19	22	30	24	8	2	2	6	10	6	2	391

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



Number of Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Total
None	3	56	71	28	23	28	7	28	199	298	192	59	33	10	22	16	10	64	107	108	189	250	230	135	41	18	12	43	46	35	15	2376
One	2	35	77	32	35	25	22	51	187	240	152	66	30	14	22	8	13	50	92	94	152	195	187	109	36	9	16	22	30	25	16	2044
Two	0	37	64	28	33	31	14	51	187	237	160	75	40	15	16	14	12	54	70	68	140	155	150	96	28	20	14	18	34	17	5	1883
Three or more	1	28	37	34	72	31	19	66	290	312	199	104	45	36	26	23	13	64	79	71	134	158	164	94	53	11	11	25	32	24	11	2267
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	61	48	232	348	341	615	758	731	434	158	58	53	108	142	101	47	8570

Percentage of Deaths by Underlying Condition and Age Group



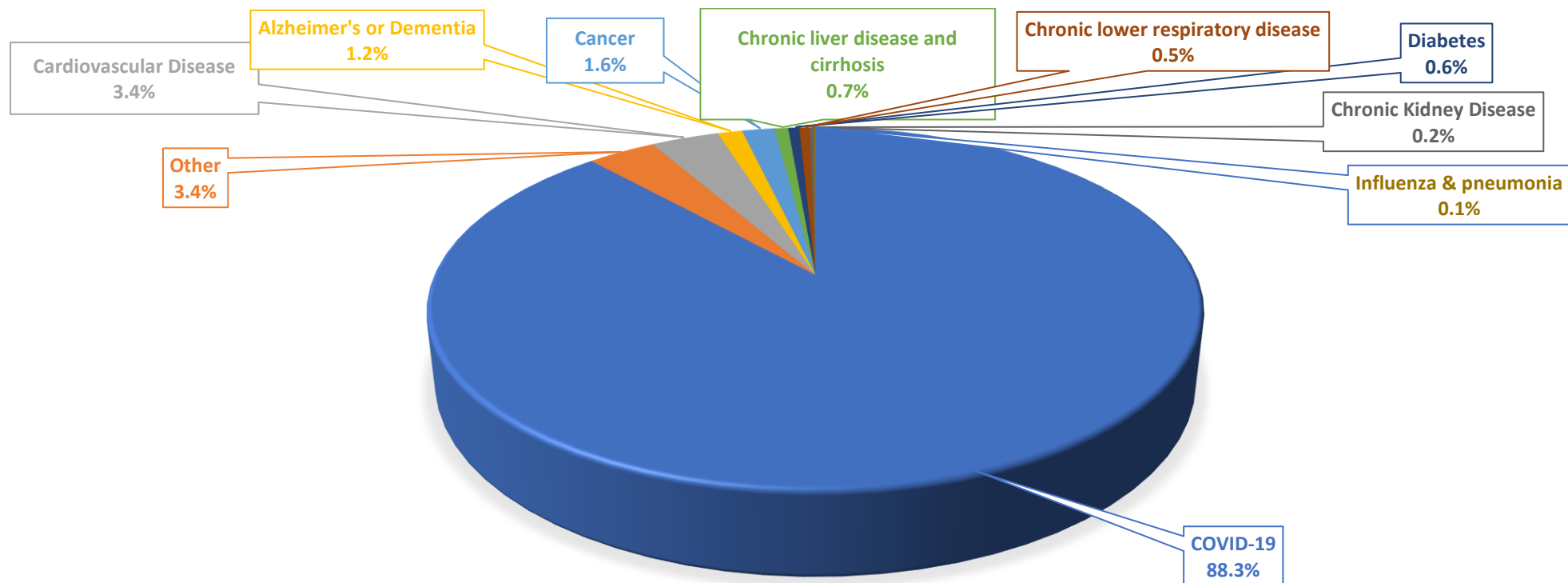
Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result ¹	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	7644	89.2%
Yes	No	296 ²	3.5%
No	Yes	630	7.4%
Total		8570	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.

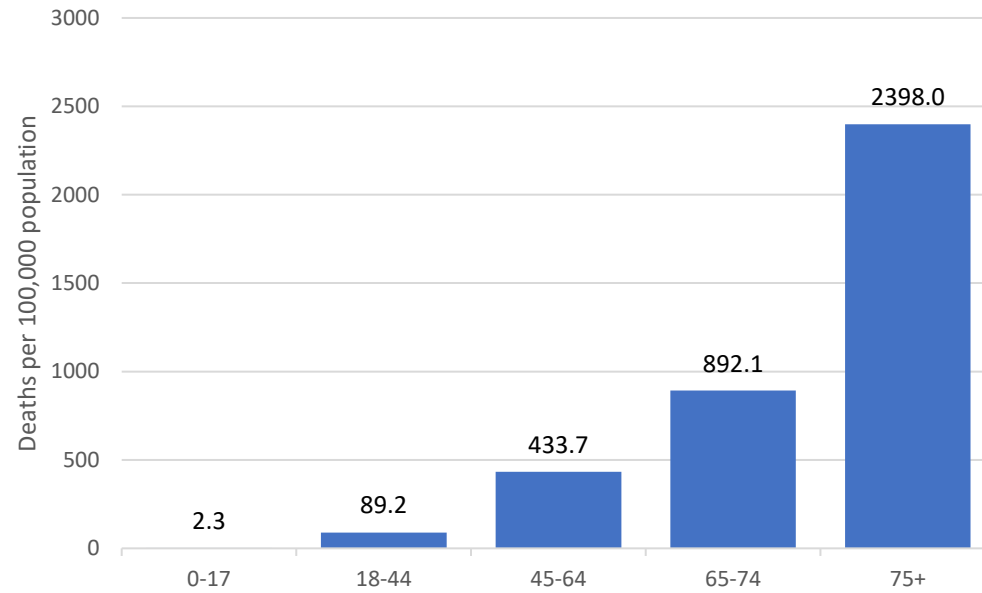
Number and percent of deaths by underlying cause of death on the death certificate



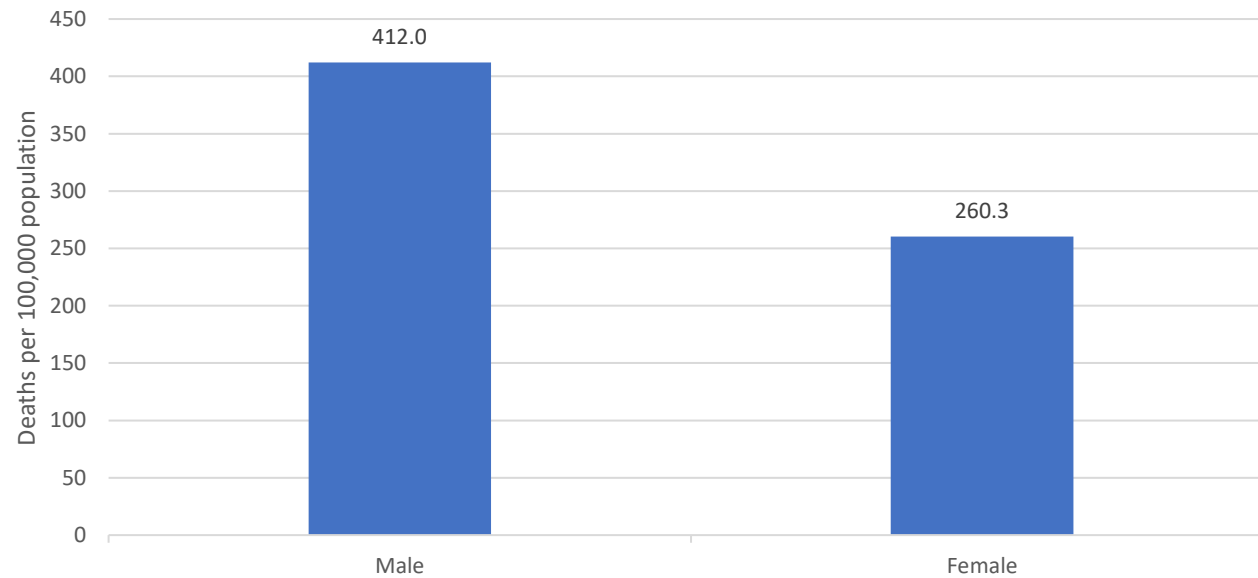
Underlying Cause	Number of Deaths*		Percent
COVID-19	7281		88.3%
Other	281		3.4%
Cardiovascular Disease	280		3.4%
Alzheimer's or Dementia	102		1.2%
Cancer	134		1.6%
Chronic liver disease and cirrhosis	56		0.7%
Diabetes	46		0.6%
Chronic lower respiratory disease	42		0.5%
Chronic Kidney Disease	17		0.2%
Influenza & pneumonia	7		0.1%
Total	8246		100.0%
*Excludes 324 (4%) deaths which have not yet been coded by the National Center for Health Statistics.			

SECTION 2: MORTALITY RATES

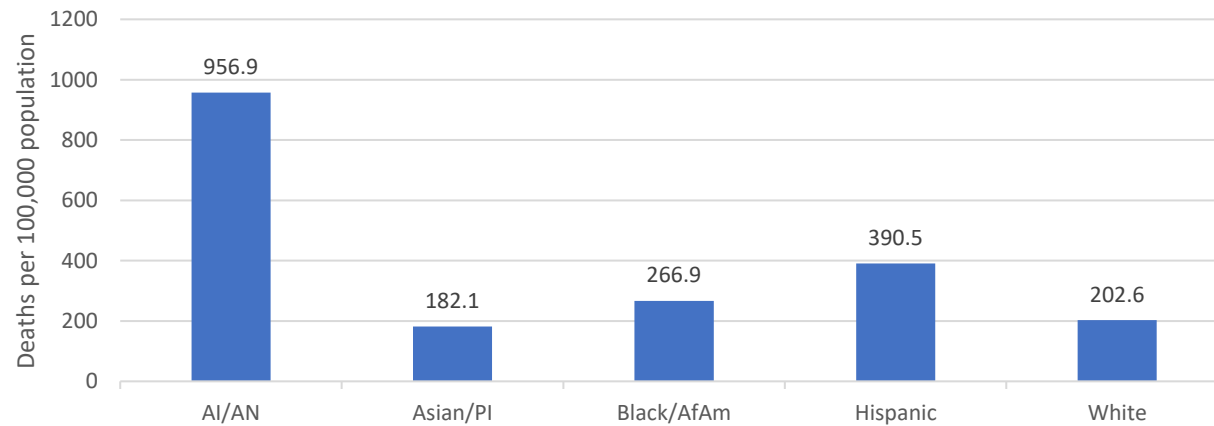
Mortality Rate per 100,000 Population by Age Group



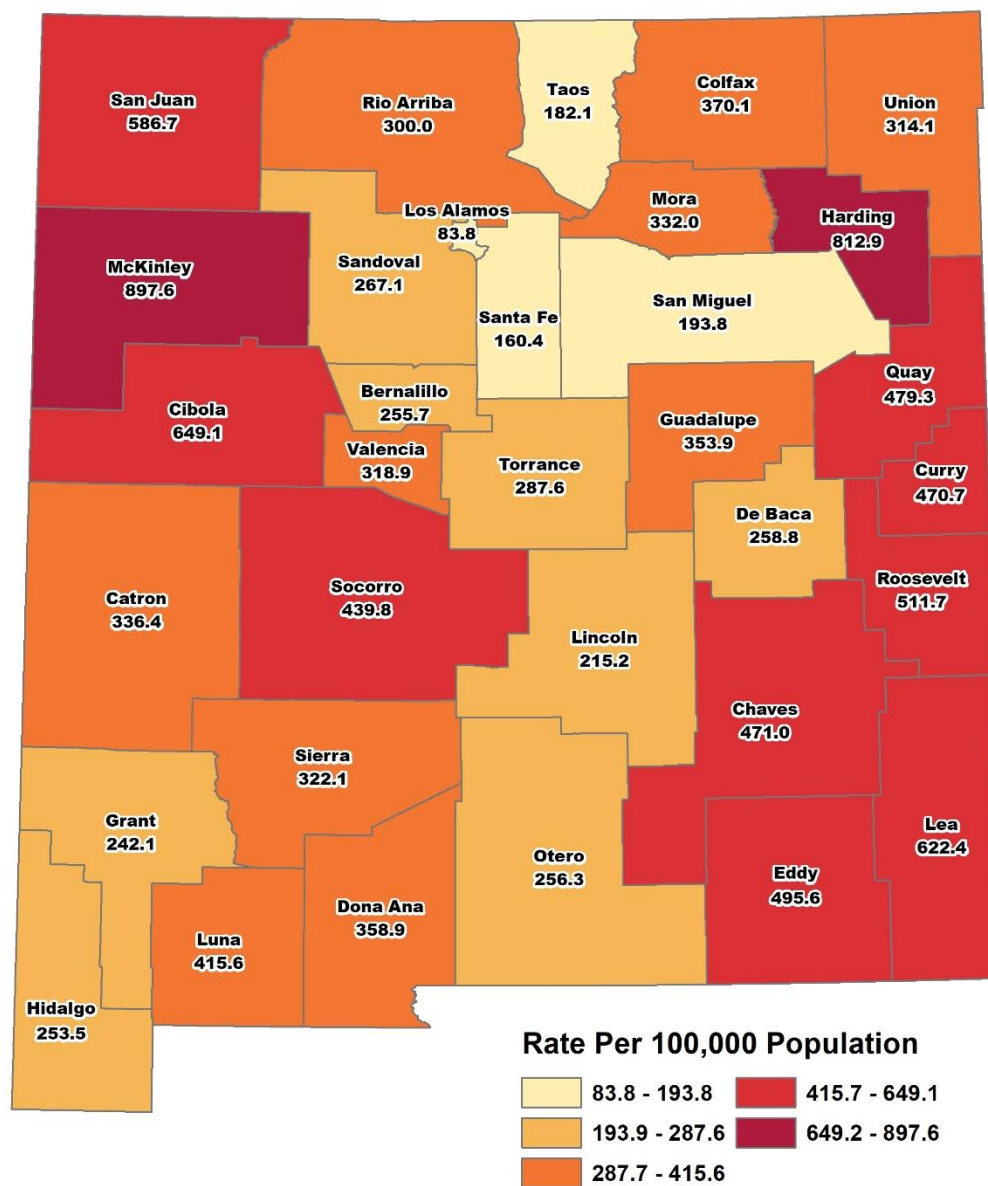
Age-adjusted Mortality Rate per 100,000 Population by Gender



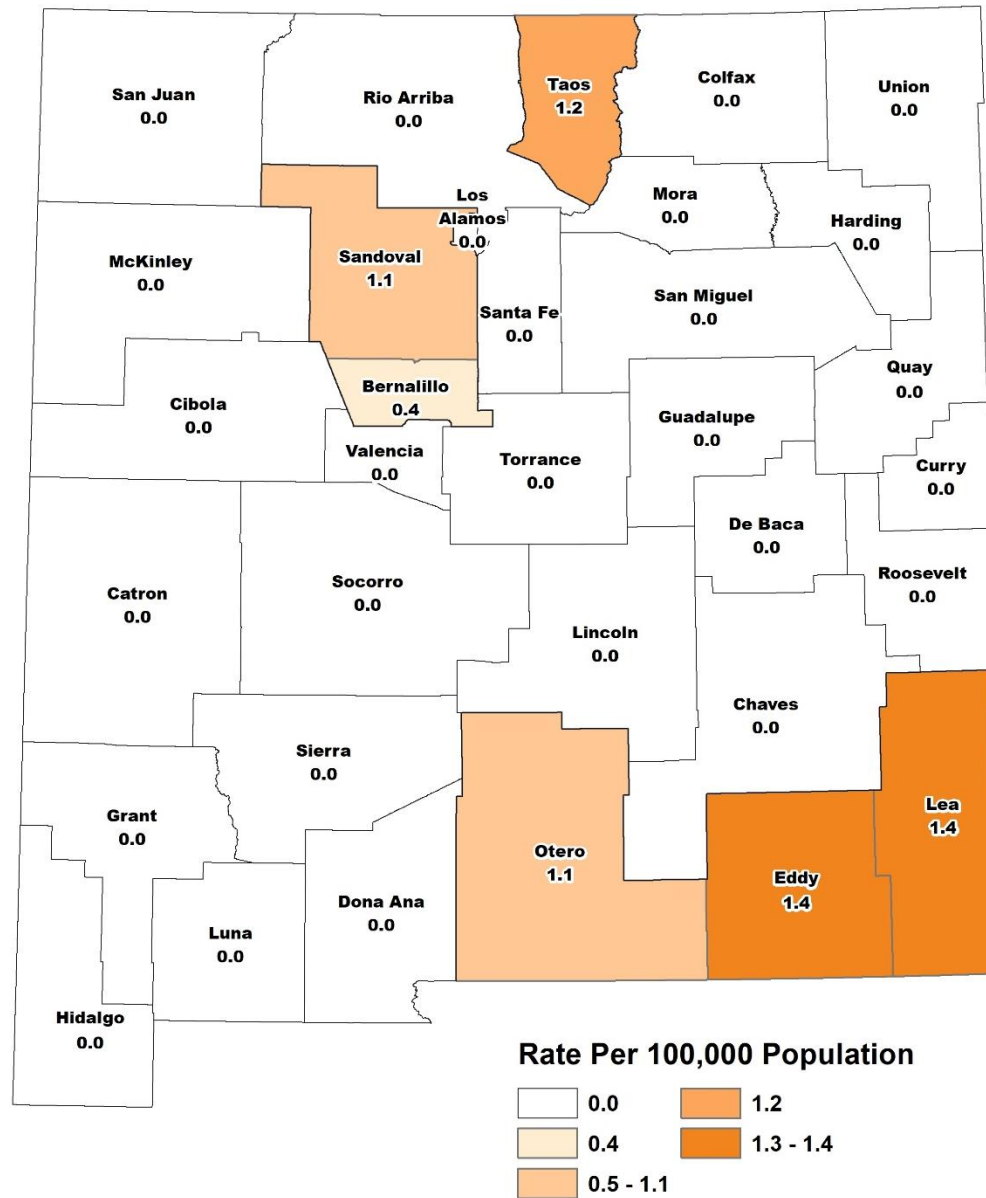
Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity



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

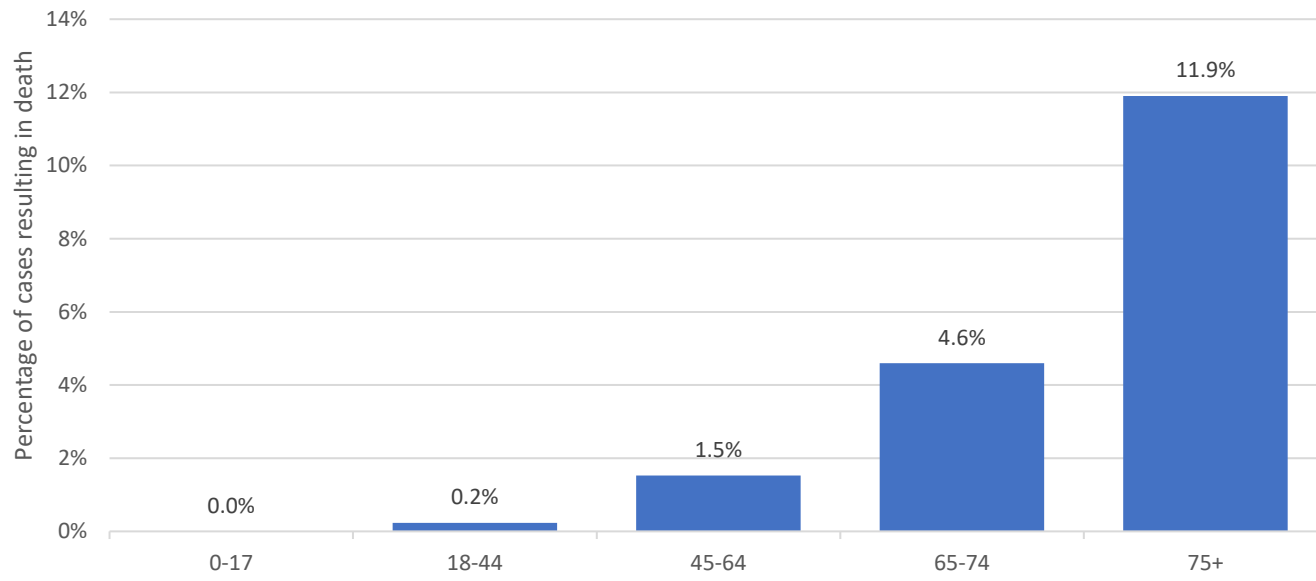


Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days)

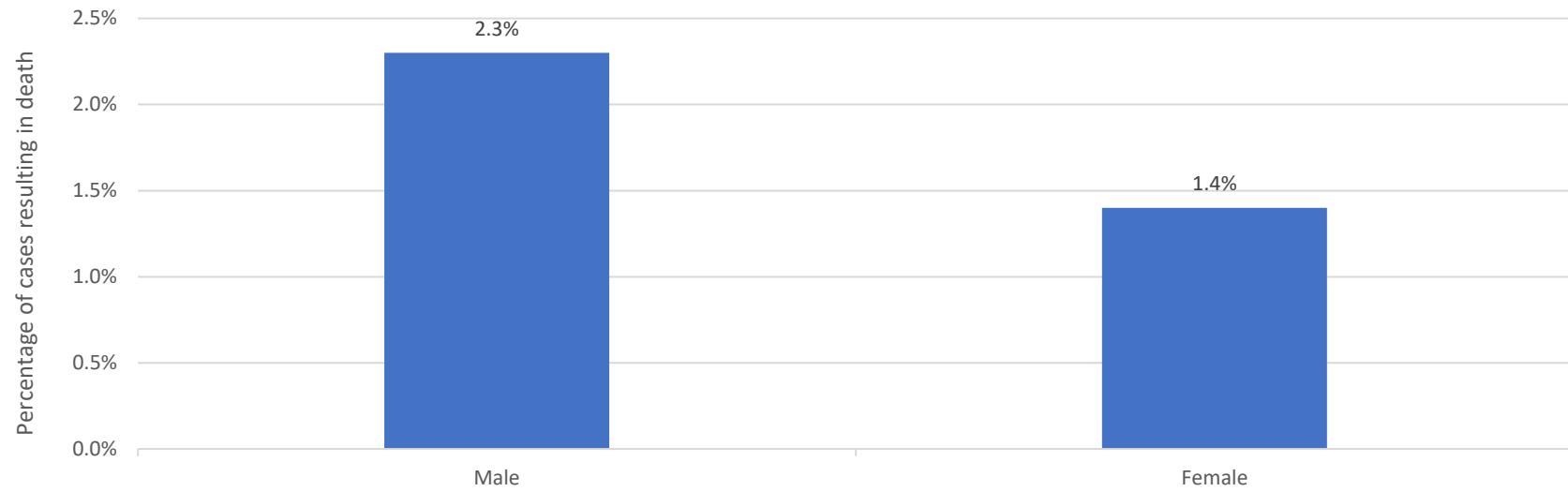


SECTION 3: CASE FATALITY RATES

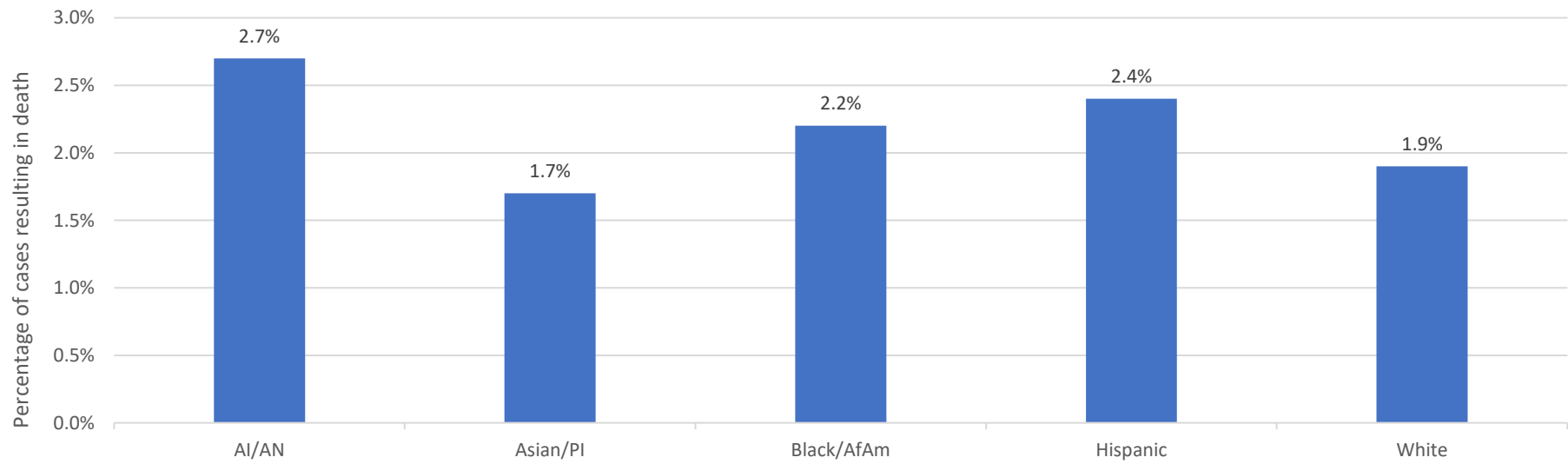
Case Fatality Rate by Age Group



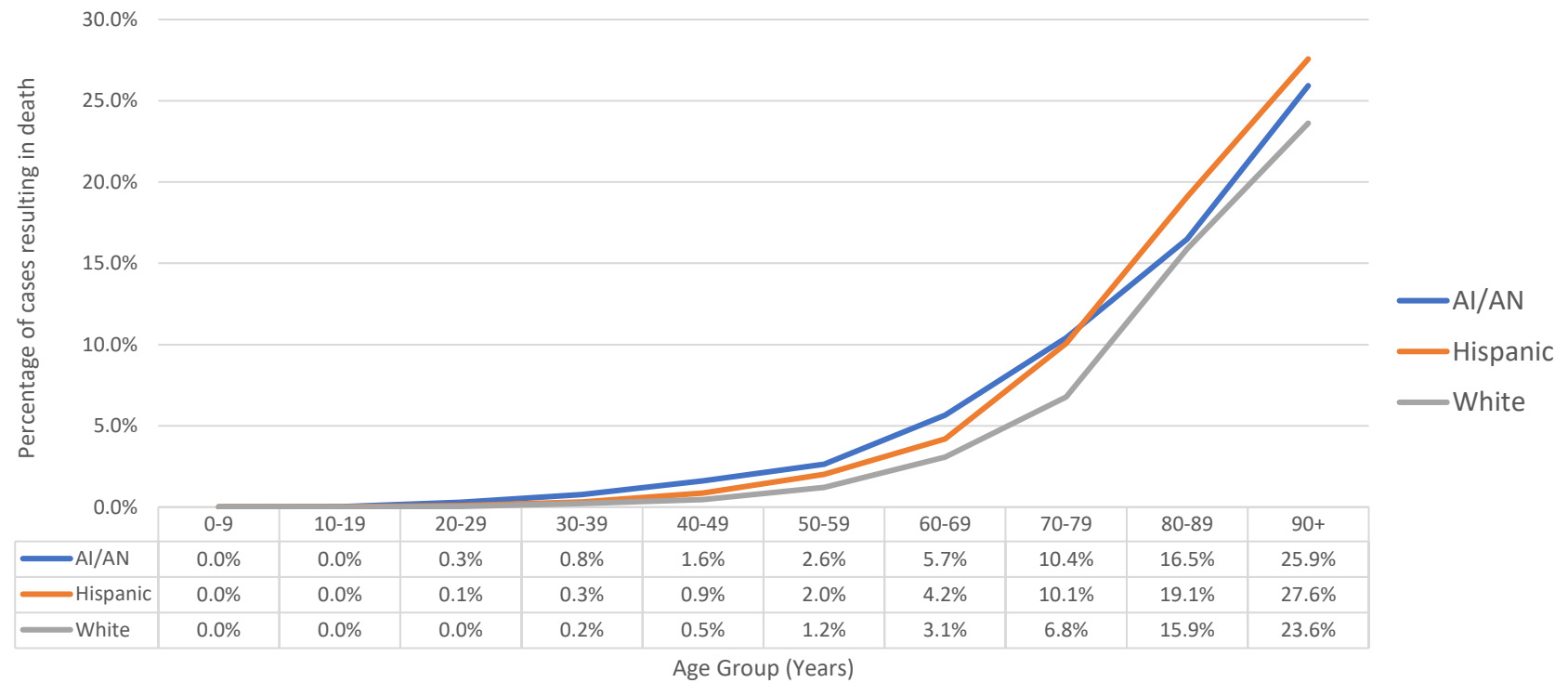
Age-adjusted* Case Fatality Rate by Gender



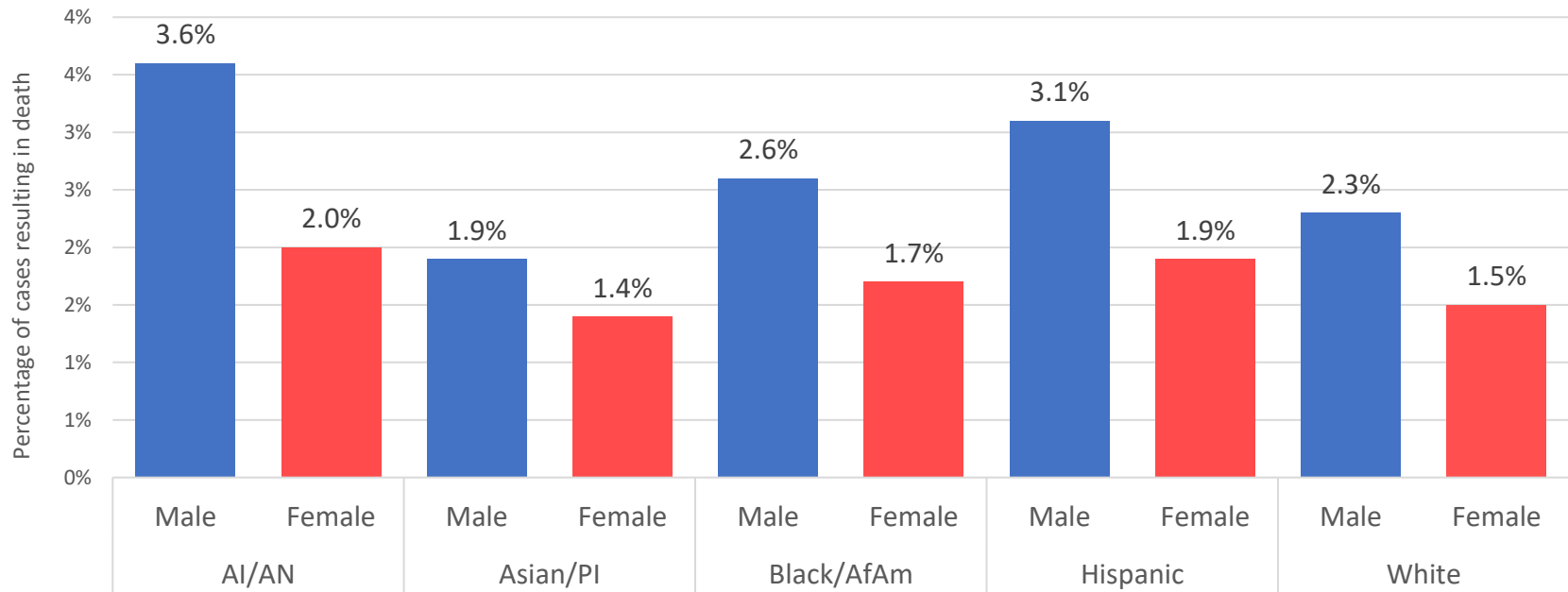
Age-adjusted* Case Fatality Rate by Race/Ethnicity



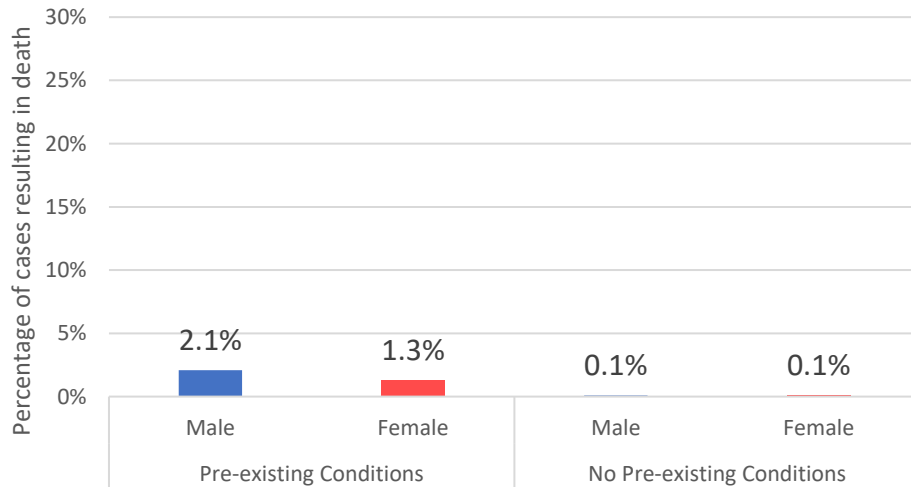
Case Fatality Rate by Race/Ethnicity and Age Group



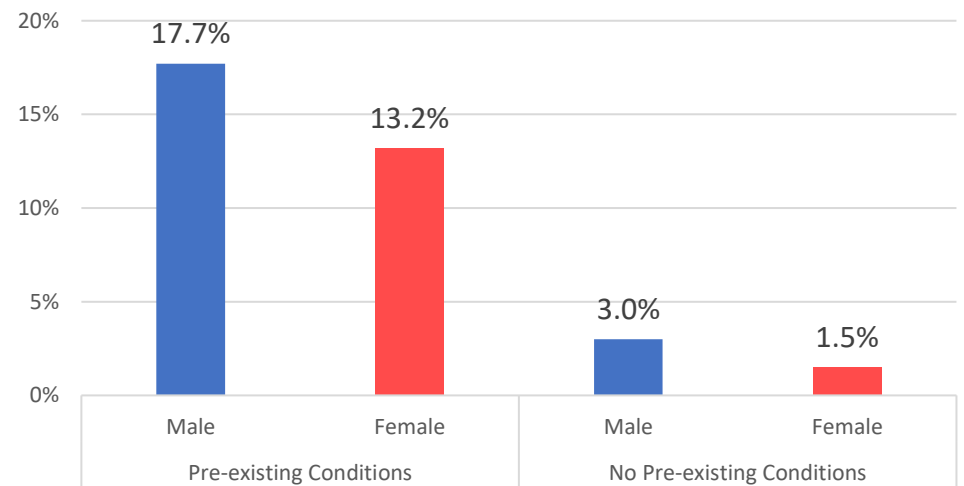
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender



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



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.