NEW MEXICO COVID-19 MORTALITY UPDATE
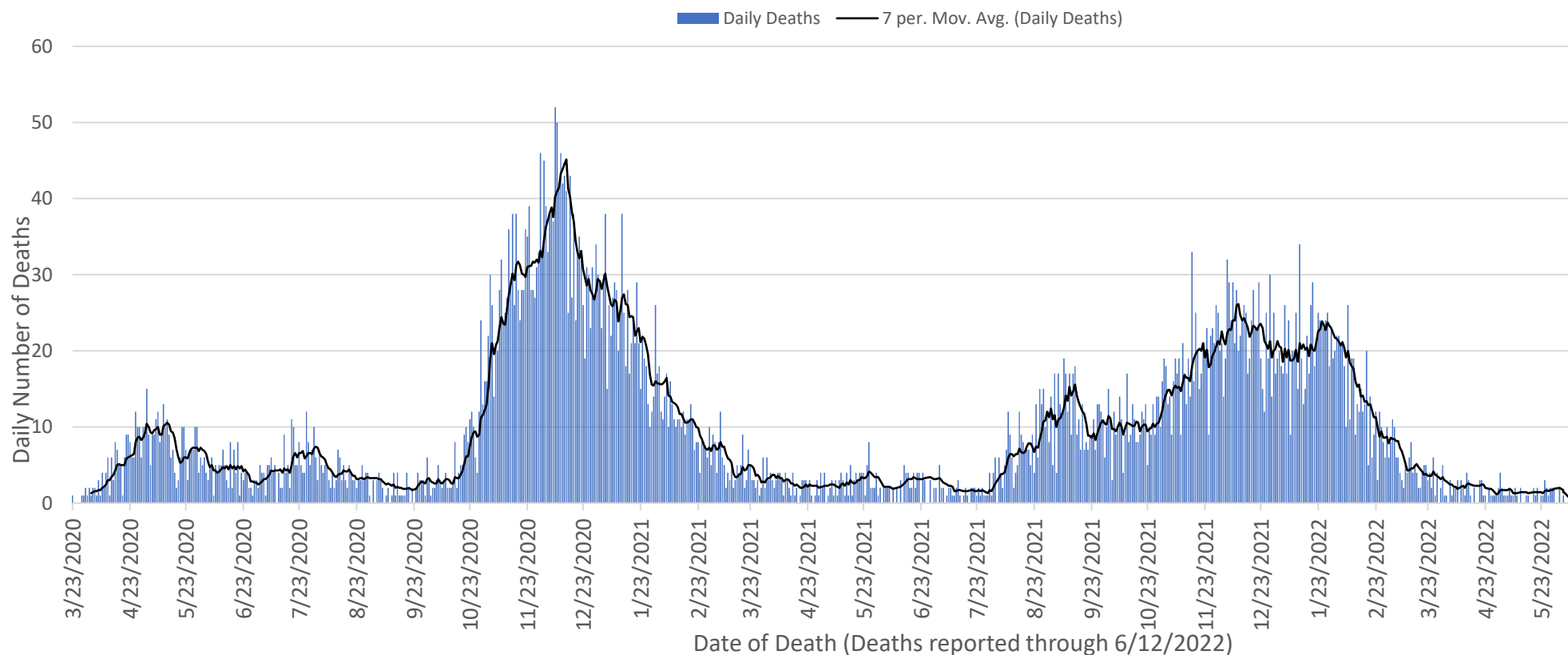## June 13, 2022

All data reported here exclude cases who live out-of-state.
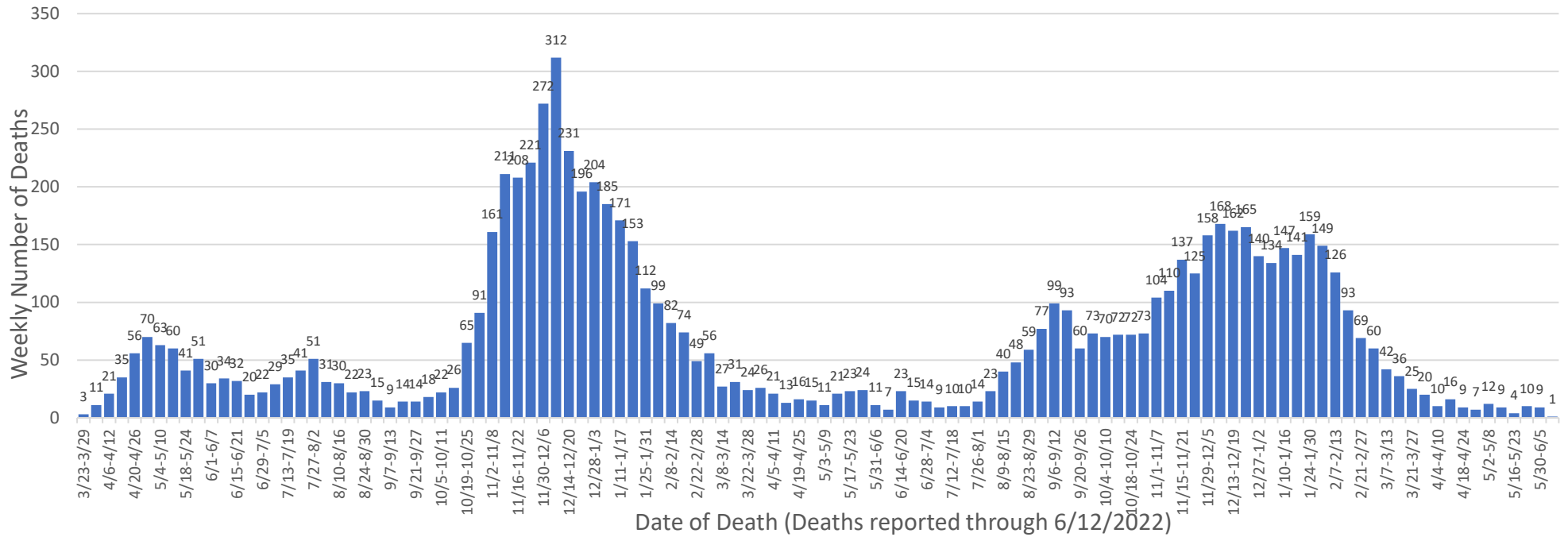
Total Deaths	Deaths in the Last 14 Days
7,863	10

SECTION 1: DEATH COUNTS

Daily Number of Deaths and 7-day Moving Average

Daily Number of Deaths vs. Date of Death (Deaths reported through 6/12/2022). Legend: Daily Deaths; 7 per. Mov. Avg. (Daily Deaths).
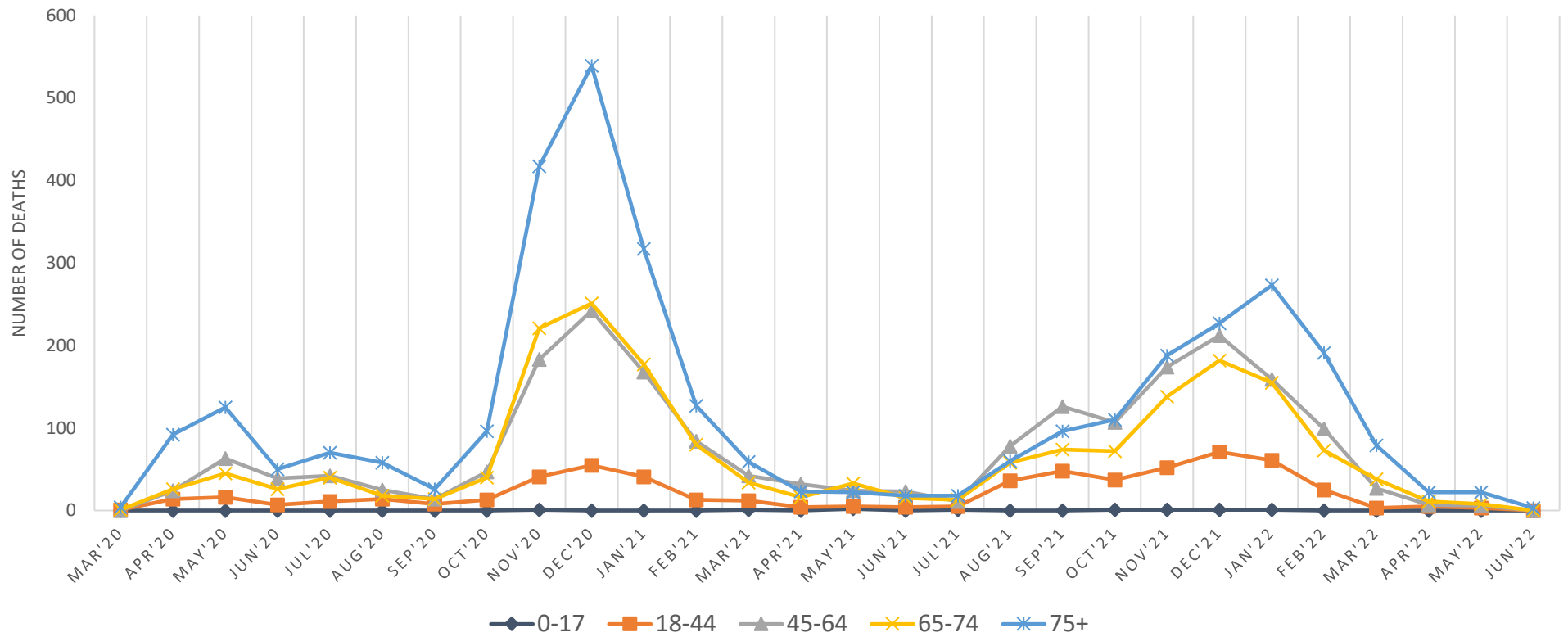
Number of Deaths Each Week

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

Weekly Number of Deaths

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

Date of Death (Deaths reported through 6/12/2022)
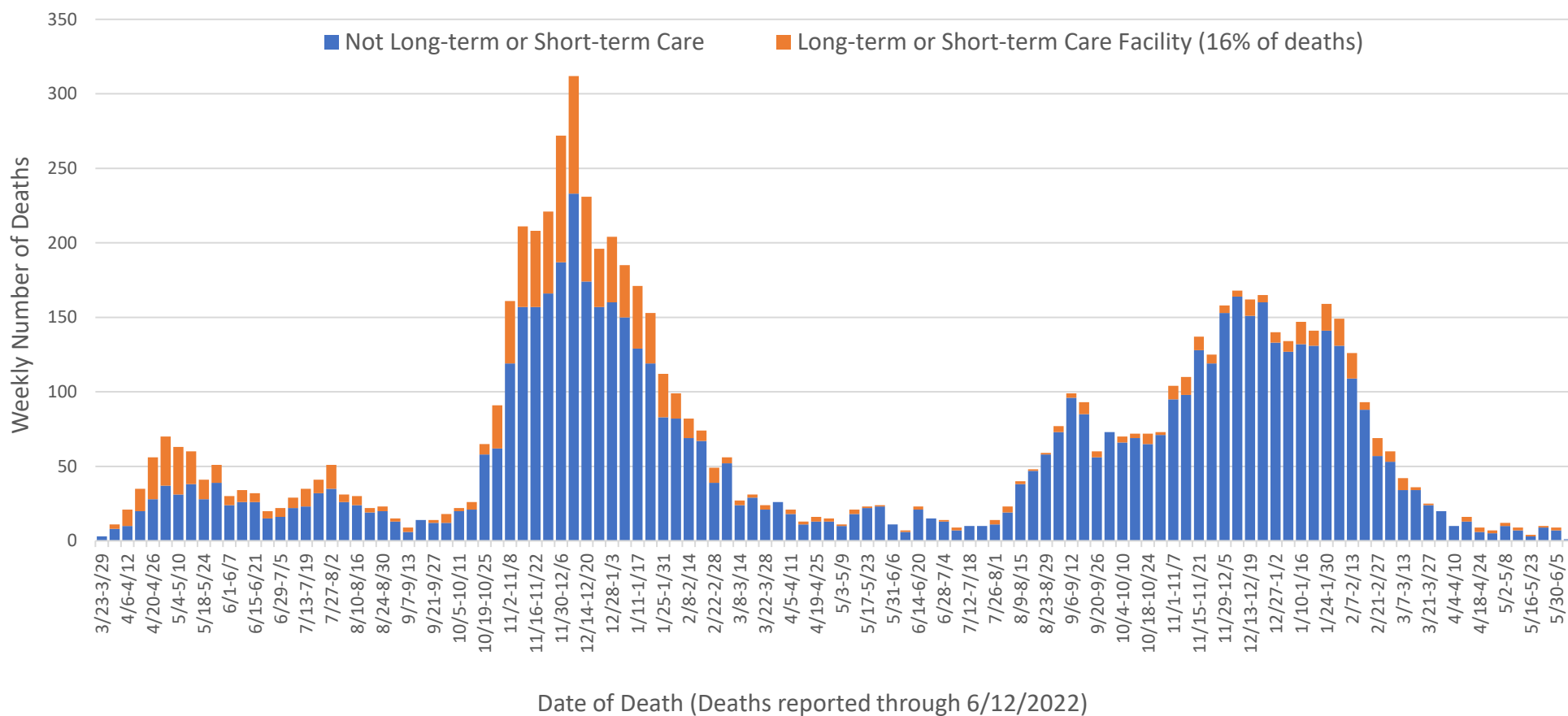
Number of Deaths by Age Group Each Month

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	Total
0-17	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	0	1	1	1	1	0	0	0	0	0	9
18-44	1	14	16	7	11	14	8	13	41	55	41	13	12	4	5	4	5	36	48	37	52	71	61	25	3	5	3	0	605
45-64	0	24	63	39	42	25	14	47	183	242	168	84	42	32	24	23	11	78	126	107	174	212	159	99	27	7	6	0	2058
65-74	1	26	45	26	40	18	14	40	221	251	177	80	34	16	33	15	13	58	74	72	138	182	155	73	38	11	8	0	1859
75+	4	92	125	50	70	58	26	96	417	539	317	127	59	23	22	18	18	60	96	110	188	227	273	191	79	22	22	3	3332
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	60	48	232	344	327	553	693	649	388	147	45	39	3	7863

Number of Deaths by Gender Each Month
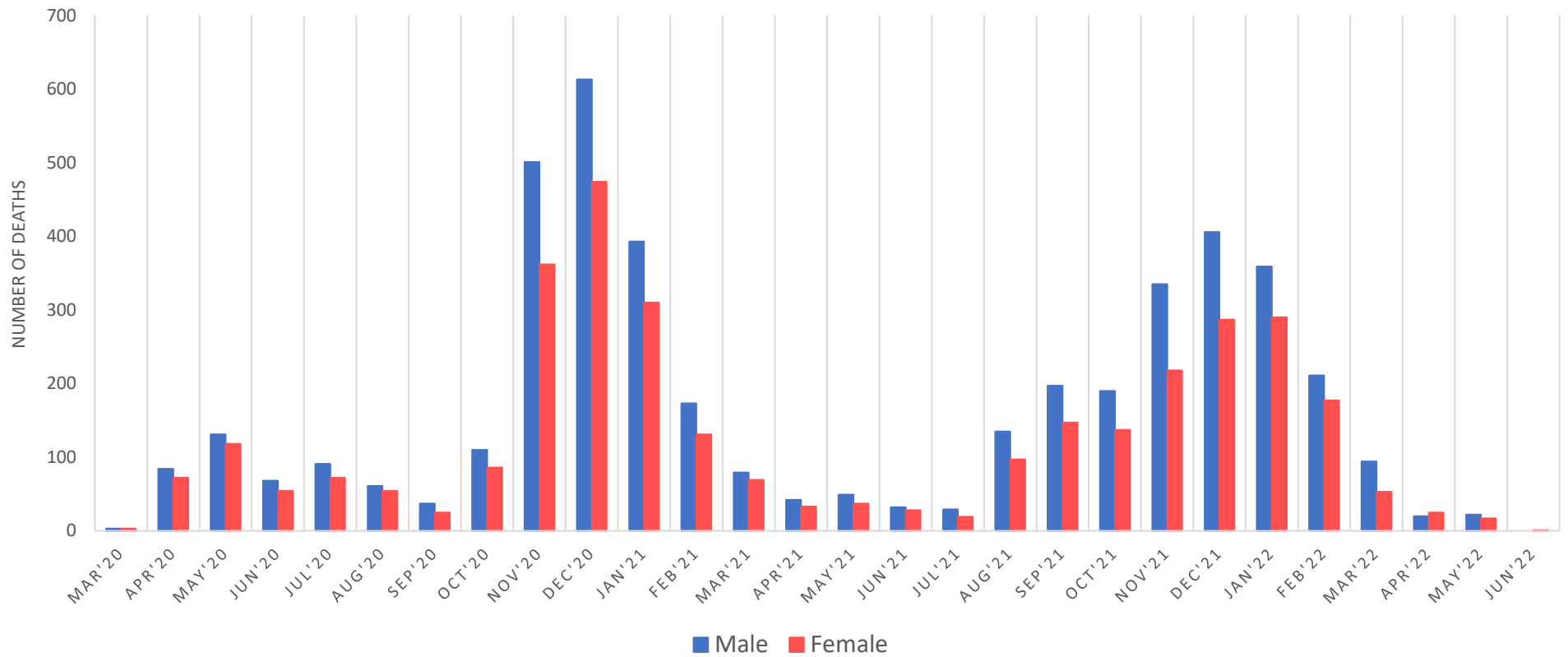
Gender	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Total
Male	3	84	131	68	91	61	37	110	501	613	393	173	79	42	49	32	29	135	197	190	335	406	359	211	94	20	22	2	4467
Female	3	72	118	54	72	54	25	86	362	474	310	131	69	33	37	28	19	97	147	137	218	287	290	177	53	25	17	1	4467
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	60	48	232	344	327	553	693	649	388	147	45	39	3	7863

Number of Deaths by Race/Ethnicity Each Month
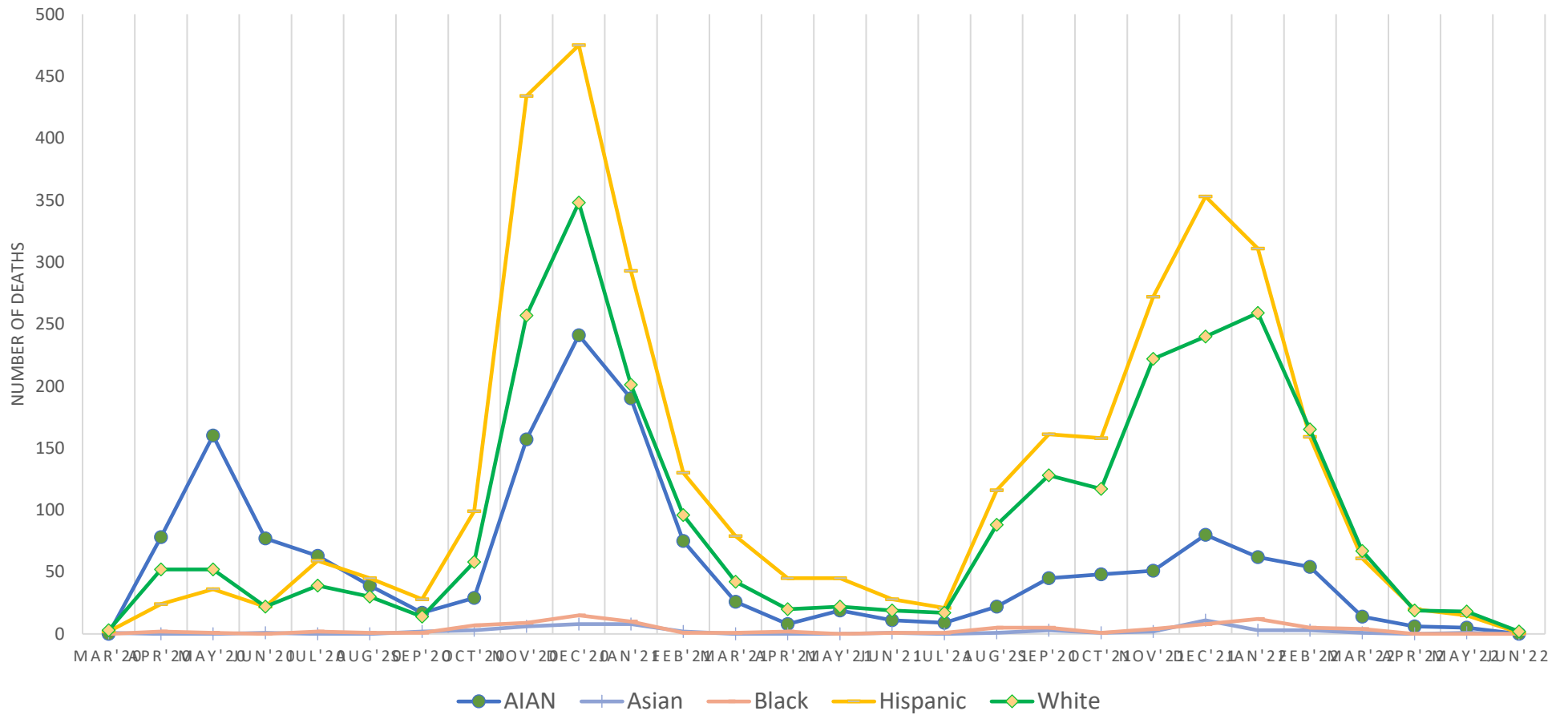
Race/Ethnicity	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Total
AIAN	0	78	160	77	63	39	17	29	157	241	190	75	26	8	19	11	9	22	45	48	51	80	62	54	14	6	5	0	1586
Asian	1	0	0	1	0	0	2	3	6	8	8	2	0	0	0	1	0	1	3	1	2	11	3	3	1	0	1	0	58
Black	0	2	1	0	2	1	1	7	9	15	10	1	1	2	0	1	1	5	5	1	4	8	12	5	4	0	0	0	98
Hispanic	2	24	36	22	59	45	28	99	434	475	293	130	79	45	45	28	21	116	161	158	272	353	311	159	61	20	15	1	3492
White	3	52	52	22	39	30	14	58	257	348	201	96	42	20	22	19	17	88	128	117	222	240	259	165	67	19	18	2	2617

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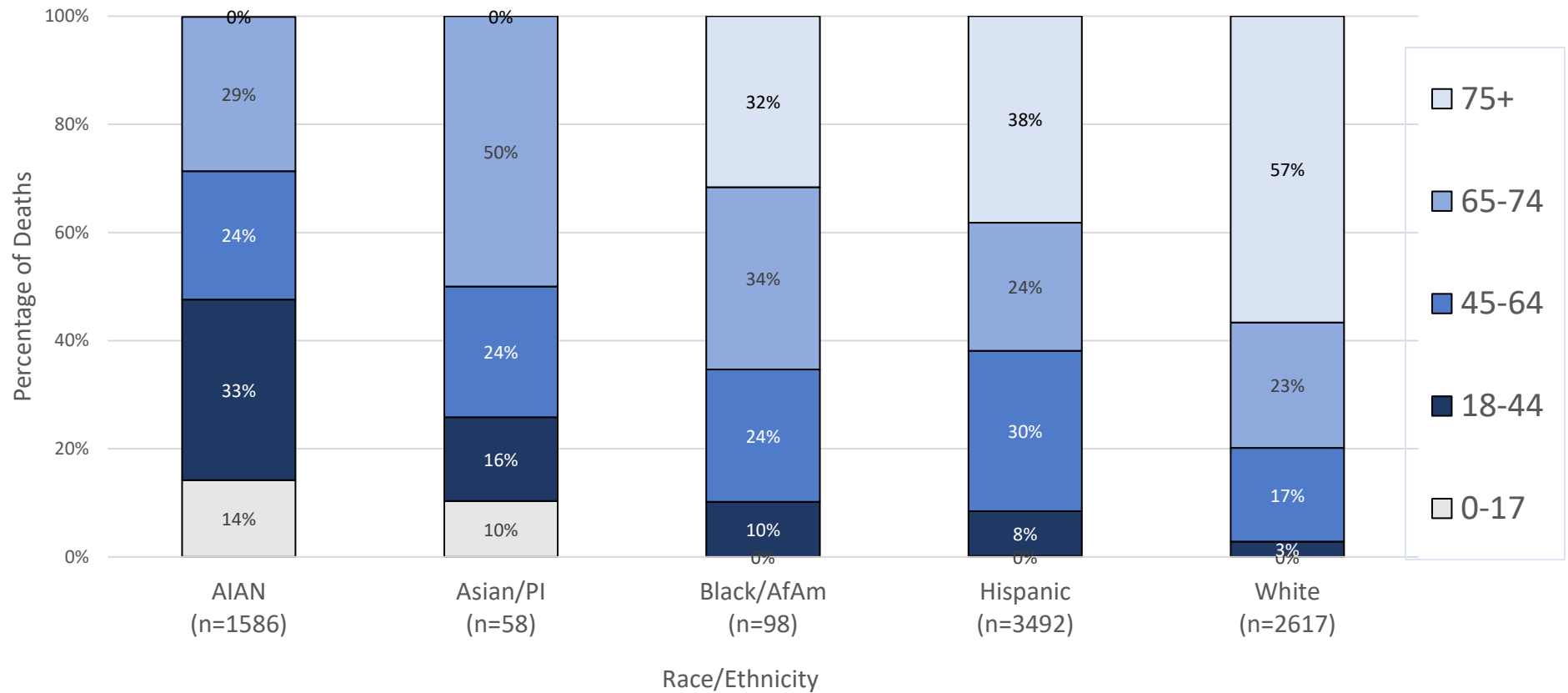
Number of deaths by New Mexico County of residence each month
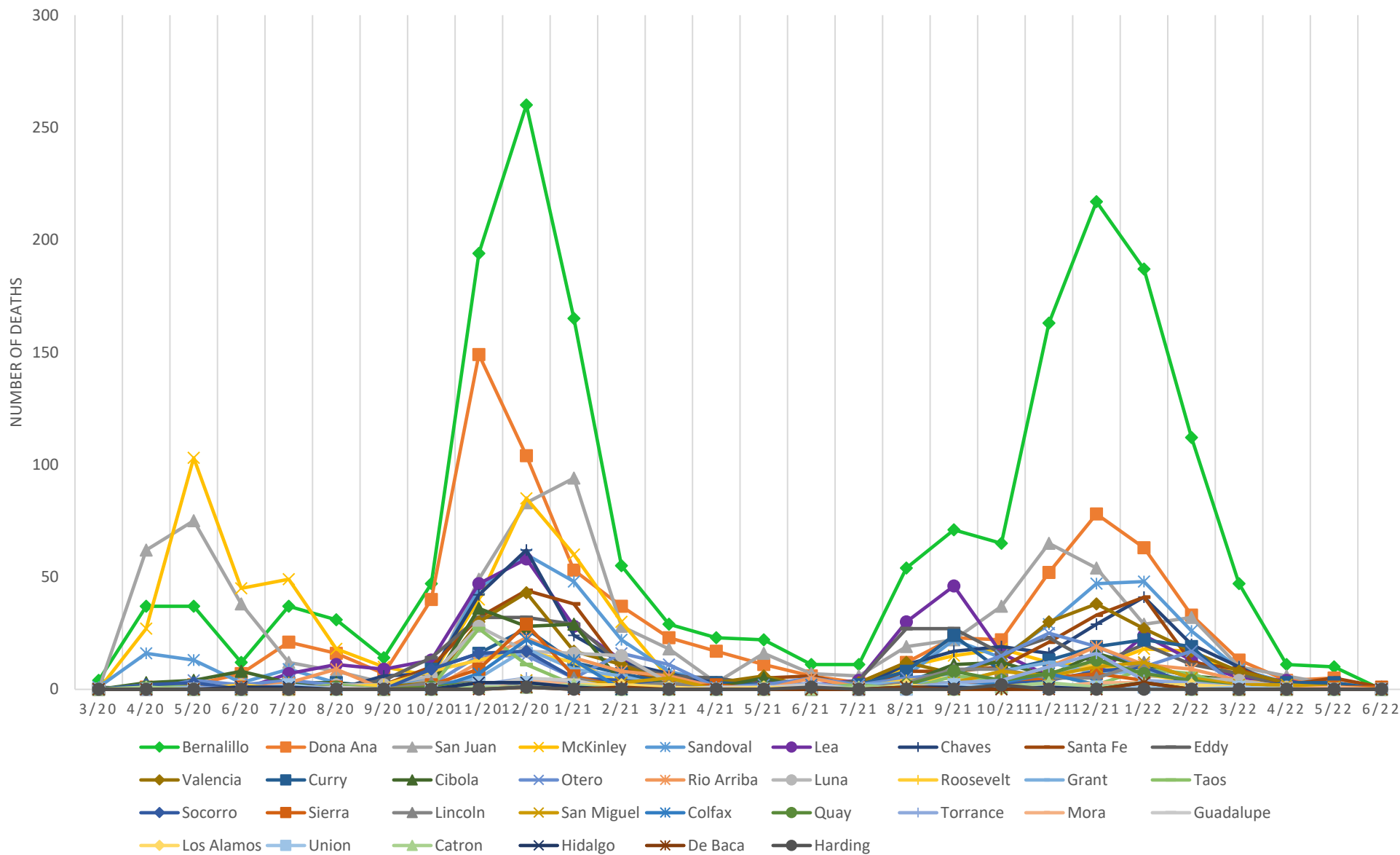
# Number of deaths by New Mexico County of residence each month – continued

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	Total
Bernalillo	4	37	37	12	37	31	14	47	194	260	165	55	29	23	22	11	11	54	71	65	163	217	187	112	47	11	10	0	1926
Dona Ana	0	1	2	7	21	16	7	40	149	104	53	37	23	17	11	6	3	12	23	22	52	78	63	33	13	4	5	0	802
San Juan	0	62	75	38	12	8	3	4	49	83	94	28	18	3	16	7	6	19	22	37	65	54	29	32	10	6	2	0	782
McKinley	0	27	103	45	49	18	10	6	40	85	60	30	5	1	2	1	2	10	15	18	12	10	18	17	6	1	1	0	592
Sandoval	1	16	13	3	9	3	1	6	45	60	48	22	8	3	3	1	2	6	22	14	29	47	48	26	9	3	3	0	451
Lea	0	0	0	0	7	11	9	13	47	58	28	13	5	3	4	2	4	30	46	16	6	6	24	13	5	4	0	0	354
Chaves	0	1	2	0	3	0	6	7	42	62	24	12	7	3	1	2	1	11	17	19	16	29	41	20	10	0	1	0	337
Santa Fe	0	2	2	0	0	1	2	10	32	44	38	10	2	1	5	6	1	8	8	10	21	33	41	12	9	2	5	1	306
Eddy	1	0	0	0	4	1	4	14	32	32	29	11	6	5	2	1	4	27	27	16	23	11	20	11	7	1	0	0	289
Valencia	0	0	1	0	2	0	1	3	30	43	17	11	3	3	6	1	3	12	7	13	30	38	27	17	8	3	2	0	281
Curry	0	0	0	0	3	3	1	9	16	27	12	7	3	3	2	0	2	8	24	8	13	19	22	19	0	3	3	0	207
Cibola	0	3	4	8	3	3	0	2	36	28	29	3	3	1	5	0	0	3	11	12	6	16	10	6	4	0	1	0	197
Otero	0	0	4	2	4	2	0	2	15	15	5	16	11	1	2	5	2	5	7	15	25	19	10	17	1	1	1	0	187
Rio Arriba	0	0	1	0	3	9	0	0	12	23	14	8	6	1	0	5	1	2	0	4	10	19	11	9	4	1	0	0	143
Luna	0	1	0	2	0	2	2	6	28	17	16	15	3	1	0	0	0	1	1	4	6	11	6	5	4	1	0	0	132
Roosevelt	0	0	0	2	0	1	2	8	13	17	12	3	1	0	0	0	1	4	5	2	5	11	7	3	0	1	0	0	98
Grant	0	0	0	0	1	0	0	2	5	18	9	6	1	0	0	0	2	3	3	8	12	7	8	4	2	1	1	0	93
Taos	0	2	1	0	0	2	0	1	27	11	2	4	2	1	0	1	2	0	6	4	7	2	9	7	0	0	1	0	92
Socorro	0	2	3	0	1	0	0	9	16	17	5	4	2	0	1	0	0	2	1	3	4	8	10	2	0	0	0	1	91
Sierra	0	0	0	1	0	1	0	2	9	29	6	1	1	2	0	0	0	1	1	4	5	7	4	1	0	0	1	1	77
Lincoln	0	0	0	0	1	1	0	3	3	1	5	1	3	0	1	1	0	3	9	9	5	5	12	5	0	0	0	0	68
San Miguel	0	0	0	0	0	0	0	1	2	4	3	3	5	0	0	0	0	1	3	8	6	10	12	5	2	2	1	0	68
Colfax	0	0	0	1	0	0	0	0	7	22	13	0	0	1	0	2	0	0	1	3	7	2	3	2	1	0	0	0	65
Quay	0	1	0	0	0	1	0	1	3	3	1	0	0	0	1	1	0	2	8	4	7	13	7	4	1	0	0	0	58
Torrance	0	0	1	0	0	0	0	0	2	5	3	1	0	1	0	3	0	1	3	4	10	16	4	3	1	0	0	0	58
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	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	17
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	0	16
Union	0	0	0	0	2	0	0	0	3	3	1	0	0	0	0	0	0	0	2	1	1	1	1	0	1	0	0	0	16
Catron	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	1	3	1	3	0	0	0	0	0	15
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	0	0	0	0	15
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	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	4
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	60	48	232	344	327	553	693	649	388	147	45	39	3	7863

Number of Deaths by Underlying Conditions Each Month
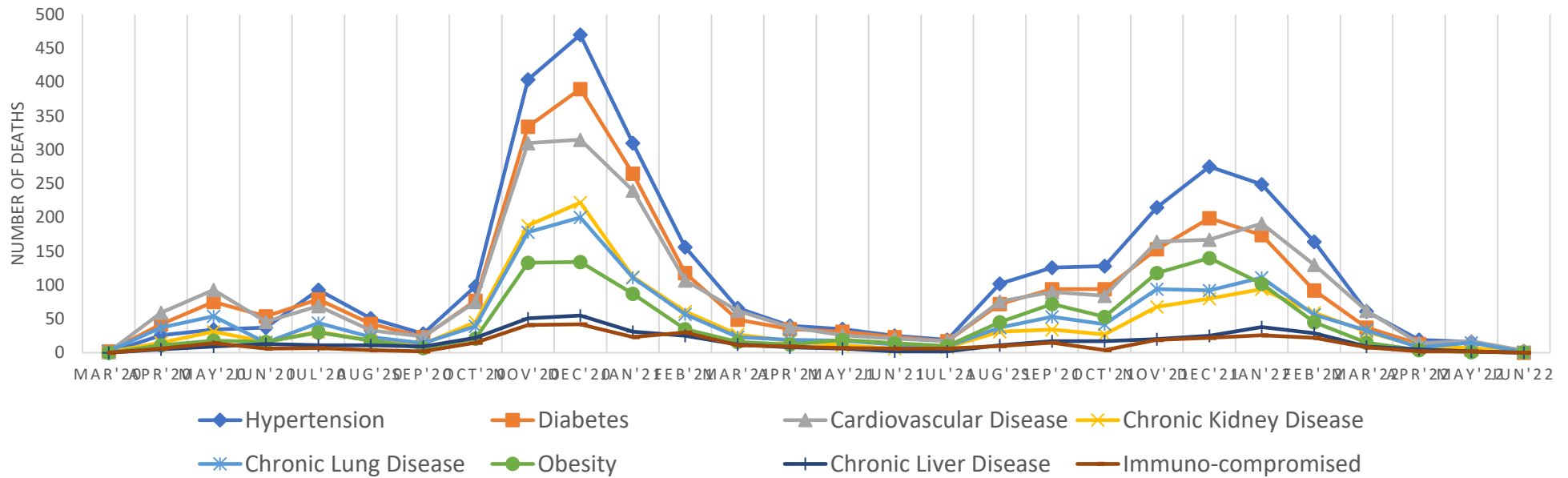
Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Total
Hypertension	0	26	34	37	93	51	28	98	404	470	310	156	66	40	35	25	19	102	126	128	215	275	249	164	61	19	16	2	3249
Diabetes	2	42	75	54	79	43	23	77	334	390	265	118	49	35	31	23	17	72	94	94	153	199	174	92	37	13	5	0	2590
Cardiovascular Disease	1	59	93	46	69	33	24	75	310	315	240	107	62	38	26	21	17	76	90	84	164	167	191	130	62	14	17	3	2534
Chronic Kidney Disease	1	15	31	16	31	18	13	45	188	222	112	61	27	17	11	6	8	31	34	27	68	80	94	59	31	9	7	1	1263
Chronic Lung Disease	2	37	54	15	44	23	14	39	178	200	111	57	23	19	18	12	9	37	53	42	94	92	111	56	33	8	15	1	1397
Obesity	0	11	18	16	30	18	7	21	133	134	87	35	16	12	19	14	10	45	72	53	118	140	102	45	15	4	1	1	1177
Chronic Liver Disease	0	5	9	13	11	11	9	22	51	55	31	25	12	8	6	2	2	11	17	17	20	25	38	29	9	5	2	0	445
Immuno-compromised	0	6	14	6	7	4	2	15	41	42	23	30	11	9	7	6	6	10	15	4	19	22	26	22	8	2	2	0	359

Percentage and Number of Deaths Each Month by Number of Underlying Conditions Reported
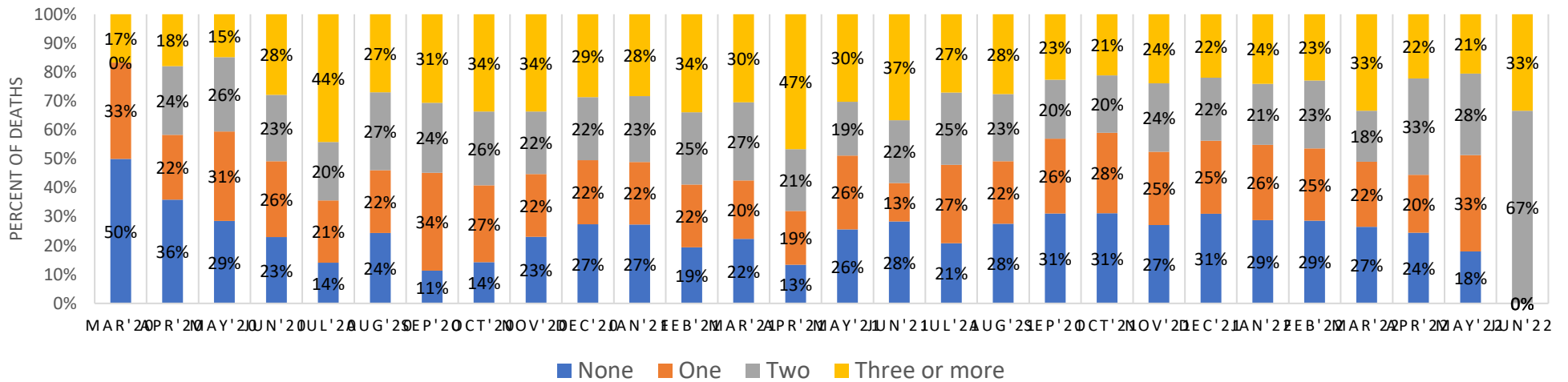
Number of Underlying Conditions	Mar'20	Apr'20	May'20	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	Total
None	3	56	71	28	23	28	7	28	199	298	192	59	33	10	22	17	10	64	107	102	150	215	187	111	39	11	7	0	2077
One	2	35	77	32	35	25	21	52	187	240	152	66	30	14	22	8	13	50	89	91	140	175	169	97	33	9	13	0	1877
Two	0	37	64	28	33	31	15	50	187	237	160	76	40	16	16	13	12	54	70	65	131	151	137	91	26	15	11	2	1768
Three or more	1	28	37	34	72	31	19	66	290	312	199	103	45	35	26	22	13	64	78	69	132	152	156	89	49	10	8	1	2141
Total	6	156	249	122	163	115	62	196	863	1087	703	304	148	75	86	60	48	232	344	327	553	693	649	388	147	45	39	3	7863

Percentage of Deaths by Underlying Condition and Age Group
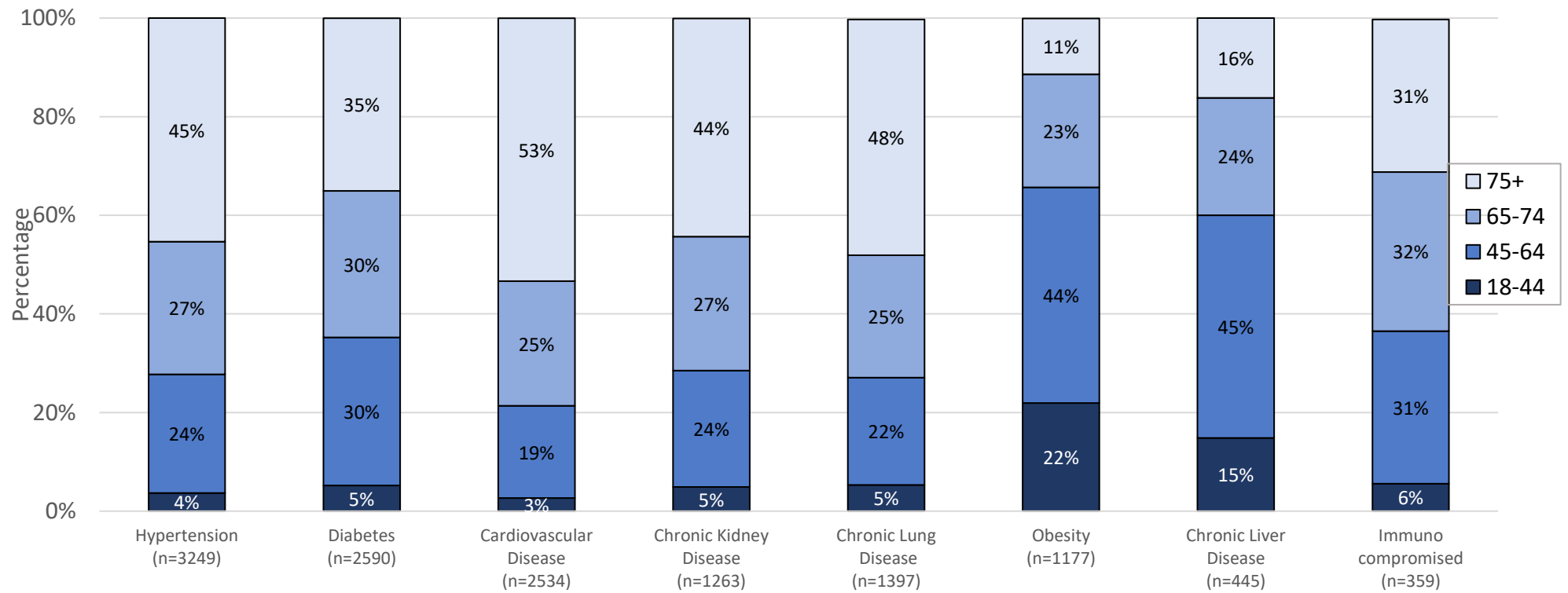
# Number and percent of deaths by Test Result and Cause of Death on the Death Certificate

Positive COVID-19 Test Result[1]	COVID-19 Cause/Contributor of Death on Death Certificate	Number of Deaths	Percent
Yes	Yes	7180	91.3%
Yes	No	154[2]	2.0%
No	Yes	529	6.7%
Total		7863[3]	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.

3 Beginning June 13, 2022, 12 deaths for whom we have never received a death certificate have been removed.

Number and percent of deaths by underlying cause of death on the death certificate
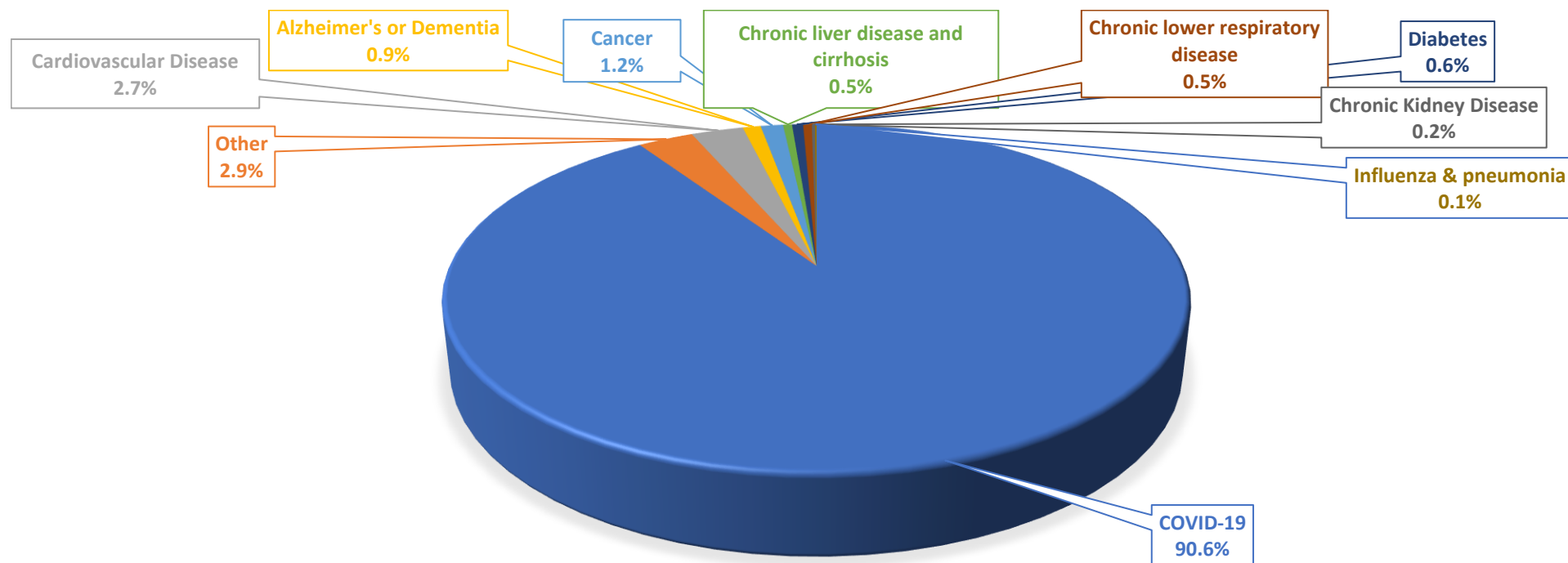
Underlying Cause	Number of Deaths*	Percent
COVID-19	7012	90.6%
Other	223	2.9%
Cardiovascular Disease	209	2.7%
Alzheimer's or Dementia	72	0.9%
Cancer	90	1.2%
Chronic liver disease and cirrhosis	36	0.5%
Diabetes	44	0.6%
Chronic lower respiratory disease	35	0.5%
Chronic Kidney Disease	13	0.2%
Influenza & pneumonia	6	0.1%
Total	7740	100.0%

*Excludes 123 (2%) deaths which have not yet been coded by the National Center for Health Statistics.
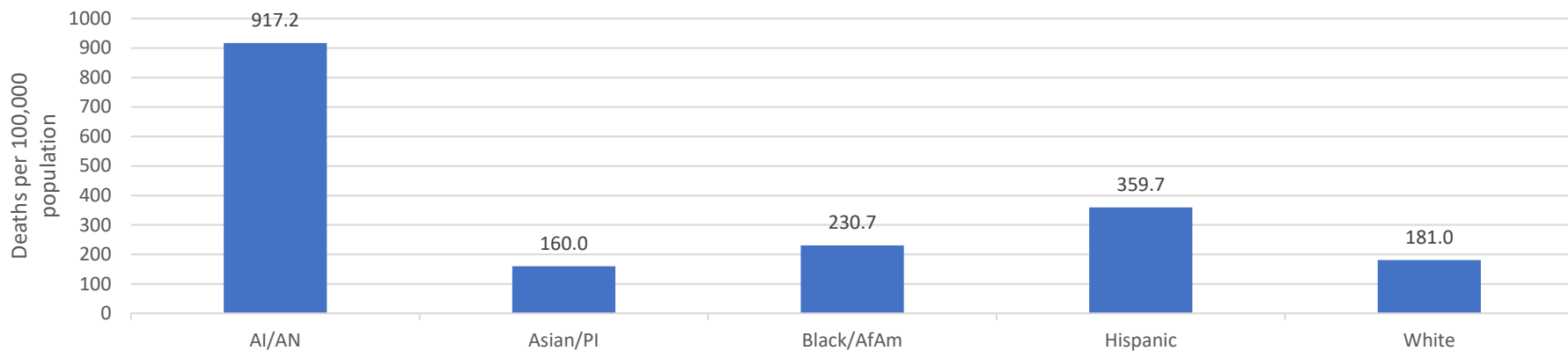
Mortality Rate per 100,000 Population by Age Group
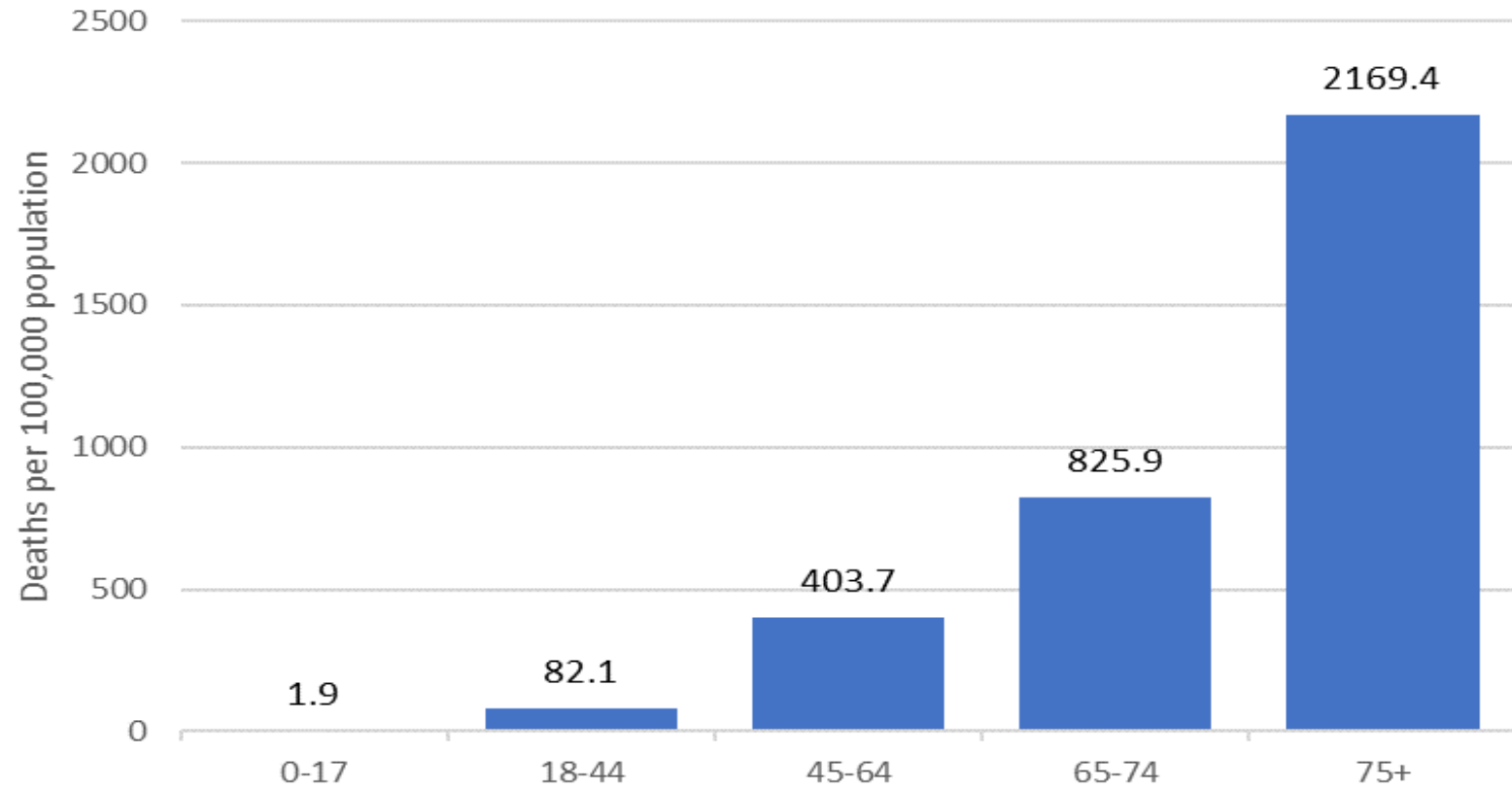
Age-adjusted Mortality Rate per 100,000 Population by Gender
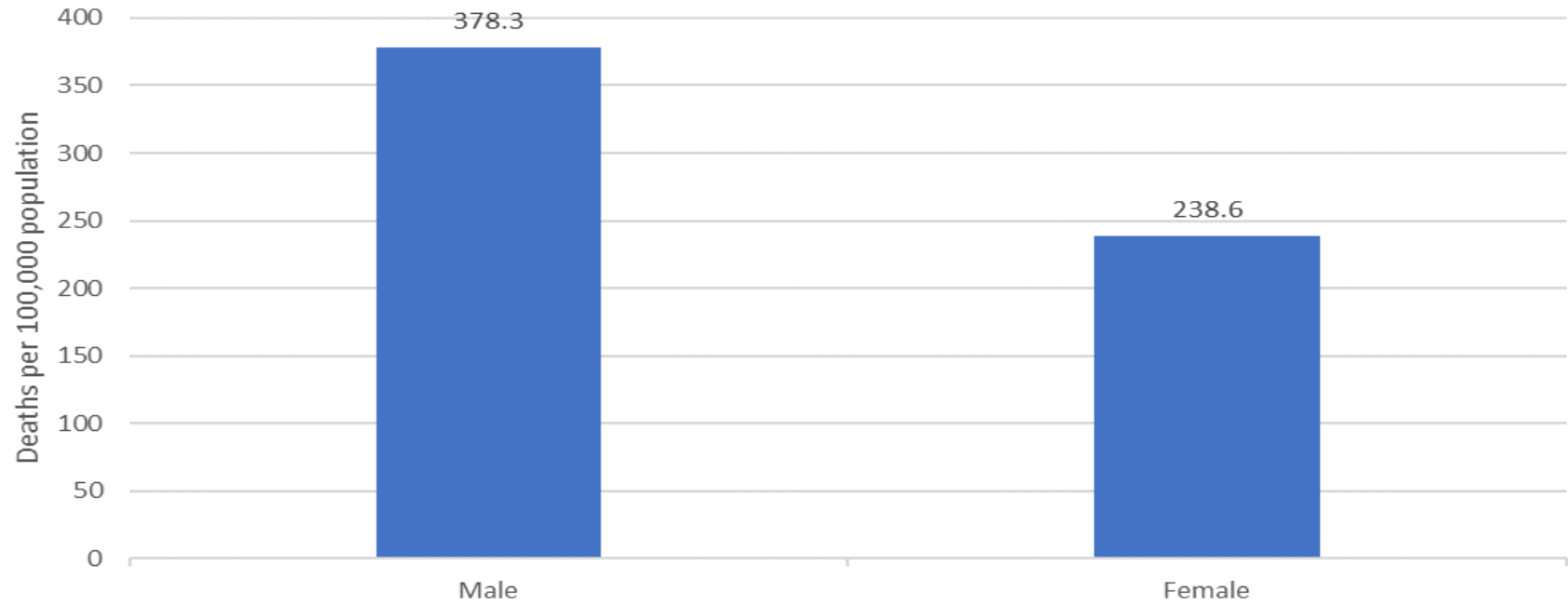
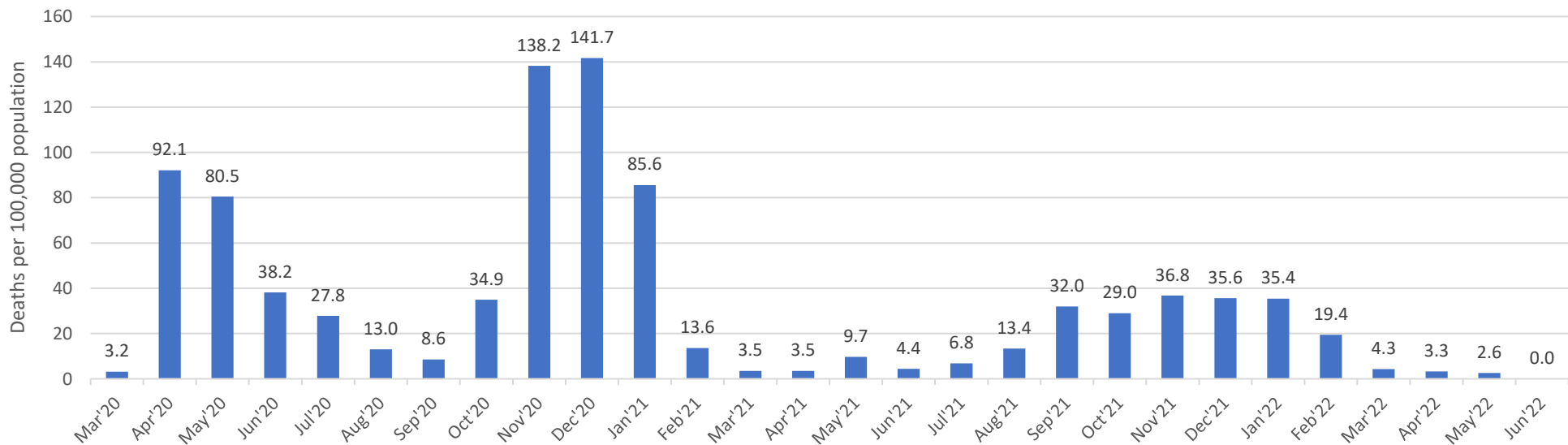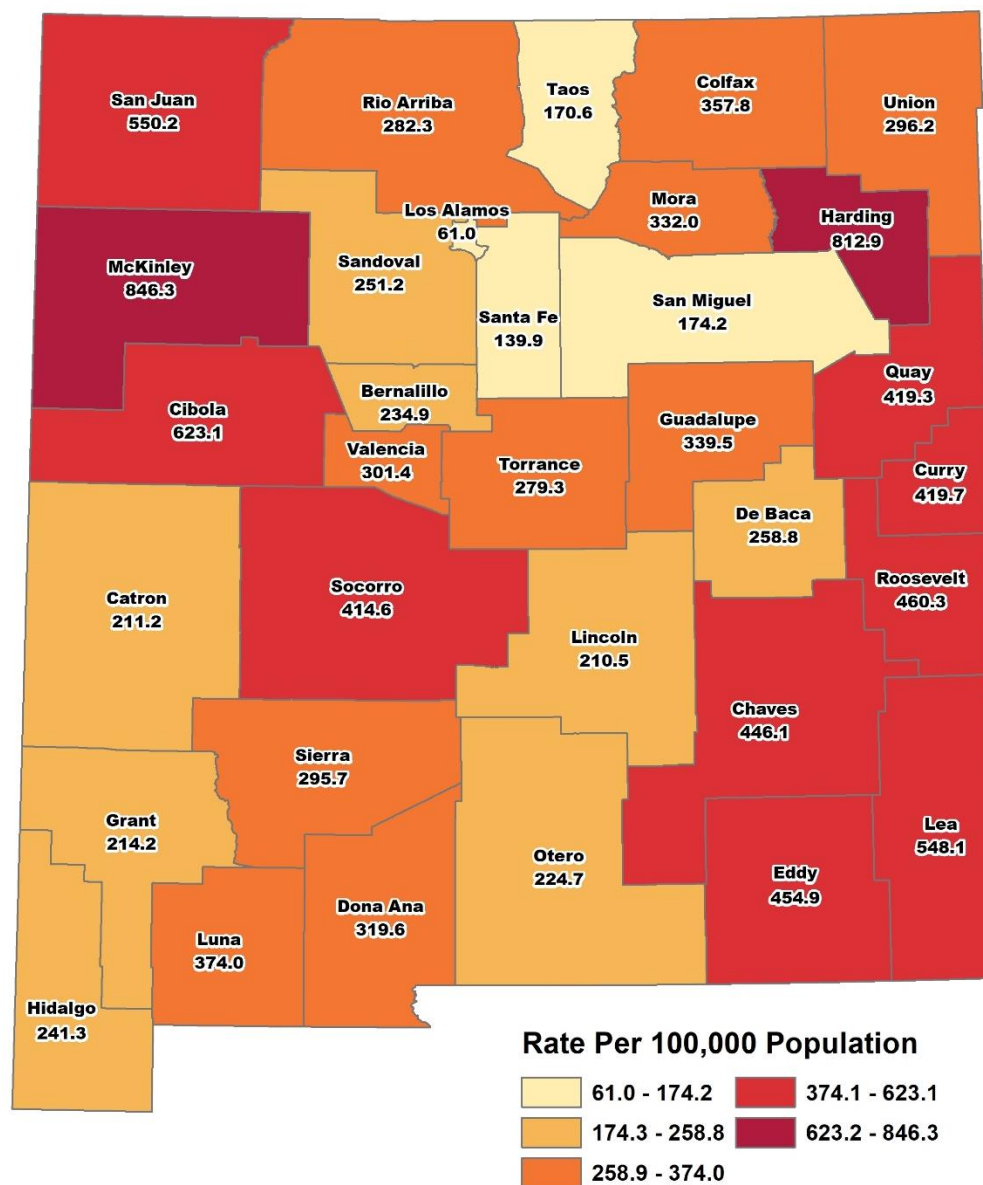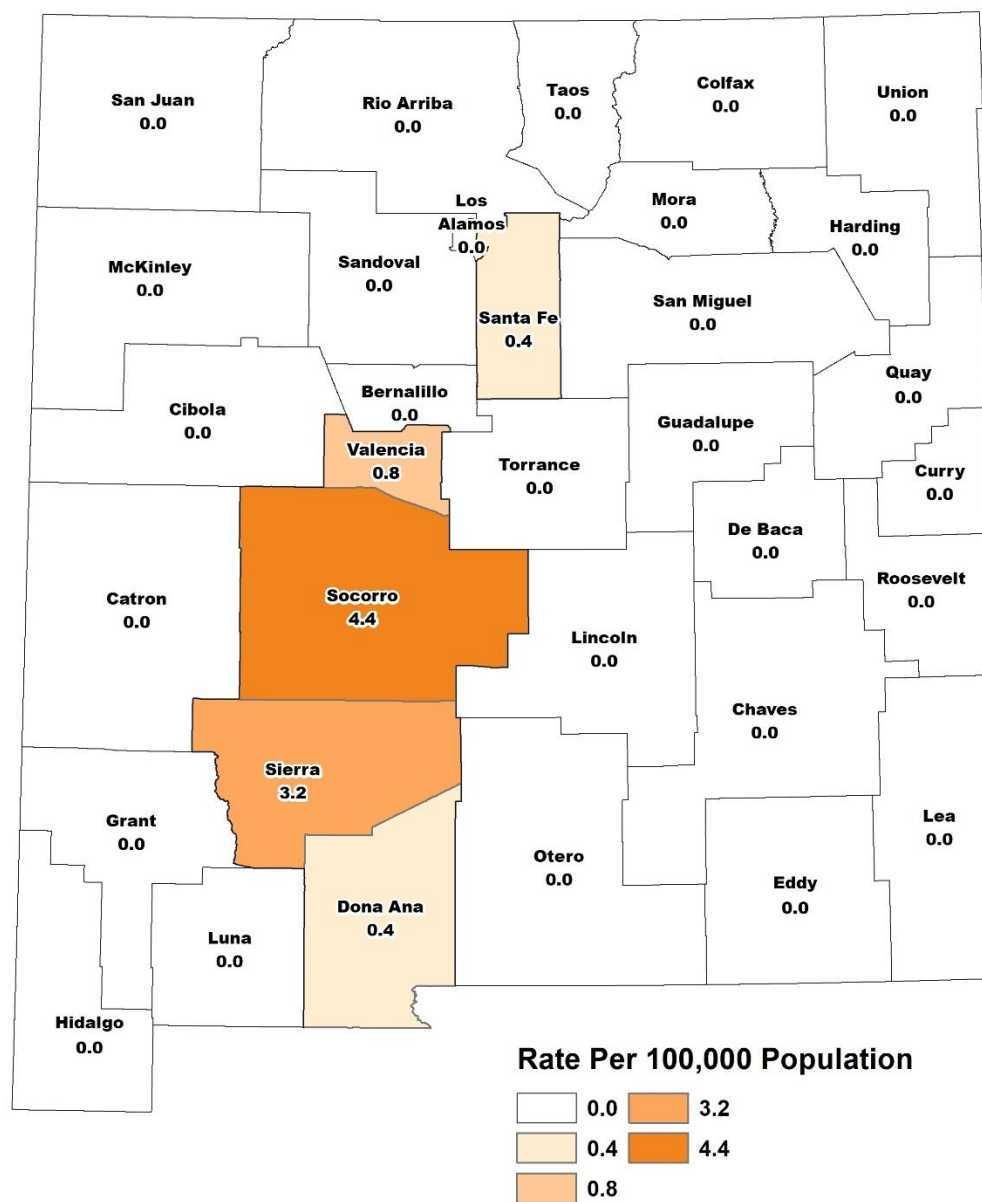## Age-adjusted Mortality rate per 100,000 Population by Race/Ethnicity

Deaths per 100,000 population

Race/Ethnicity	Rate
AI/AN	917.2
Asian/PI	160.0
Black/AfAm	230.7
Hispanic	359.7
White	181.0

Age-adjusted Mortality rate among AI/AN by Month of 1st Positive Test

Deaths per 100,000 population

Month	Rate
Mar'20	3.2
Apr'20	92.1
May'20	80.5
Jun'20	38.2
Jul'20	27.8
Aug'20	13.0
Sep'20	8.6
Oct'20	34.9
Nov'20	138.2
Dec'20	141.7
Jan'21	85.6
Feb'21	13.6
Mar'21	3.5
Apr'21	3.5
May'21	9.7
Jun'21	4.4
Jul'21	6.8
Aug'21	13.4
Sep'21	32.0
Oct'21	29.0
Nov'21	36.8
Dec'21	35.6
Jan'22	35.4
Feb'22	19.4
Mar'22	4.3
Apr'22	3.3
May'22	2.6
Jun'22	0.0

17

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

San Juan
550.2

Rio Arriba
282.3

Taos
170.6

Colfax
357.8

Union
296.2

Los Alamos
61.0

Mora
332.0

Harding
812.9

McKinley
846.3

Sandoval
251.2

Santa Fe
139.9

San Miguel
174.2

Cibola
623.1

Bernalillo
234.9

Guadalupe
339.5

Quay
419.3

Valencia
301.4

Torrance
279.3

Curry
419.7

De Baca
258.8

Catron
211.2

Socorro
414.6

Lincoln
210.5

Roosevelt
460.3

Sierra
295.7

Chaves
446.1

Grant
214.2

Otero
224.7

Eddy
454.9

Lea
548.1

Hidalgo
241.3

Luna
374.0

Dona Ana
319.6

Rate Per 100,000 Population

61.0 - 174.2	374.1 - 623.1
174.3 - 258.8	623.2 - 846.3
258.9 - 374.0	

| | | | San Juan 0.0 | | Rio Arriba 0.0 | | Taos 0.0 | | Colfax 0.0 | | Union 0.0 |

Map of New Mexico counties showing Age-adjusted Mortality Rate per 100,000 Population by County (last 14 days):

- San Juan 0.0
- Rio Arriba 0.0
- Taos 0.0
- Colfax 0.0
- Union 0.0
- Los Alamos 0.0
- Mora 0.0
- Harding 0.0
- McKinley 0.0
- Sandoval 0.0
- Santa Fe 0.4
- San Miguel 0.0
- Cibola 0.0
- Bernalillo 0.0
- Valencia 0.8
- Torrance 0.0
- Guadalupe 0.0
- Quay 0.0
- Curry 0.0
- Catron 0.0
- Socorro 4.4
- De Baca 0.0
- Roosevelt 0.0
- Lincoln 0.0
- Chaves 0.0
- Sierra 3.2
- Grant 0.0
- Lea 0.0
- Otero 0.0
- Eddy 0.0
- Dona Ana 0.4
- Luna 0.0
- Hidalgo 0.0

Rate Per 100,000 Population

0.0	3.2
0.4	4.4
0.8	

SECTION 3: CASE FATALITY RATES

Case Fatality Rate by Age Group

Percentage of cases resulting in death

Age Group	Rate
0-17	0.0%
18-44	0.2%
45-64	1.6%
65-74	5.1%
75+	13.4%
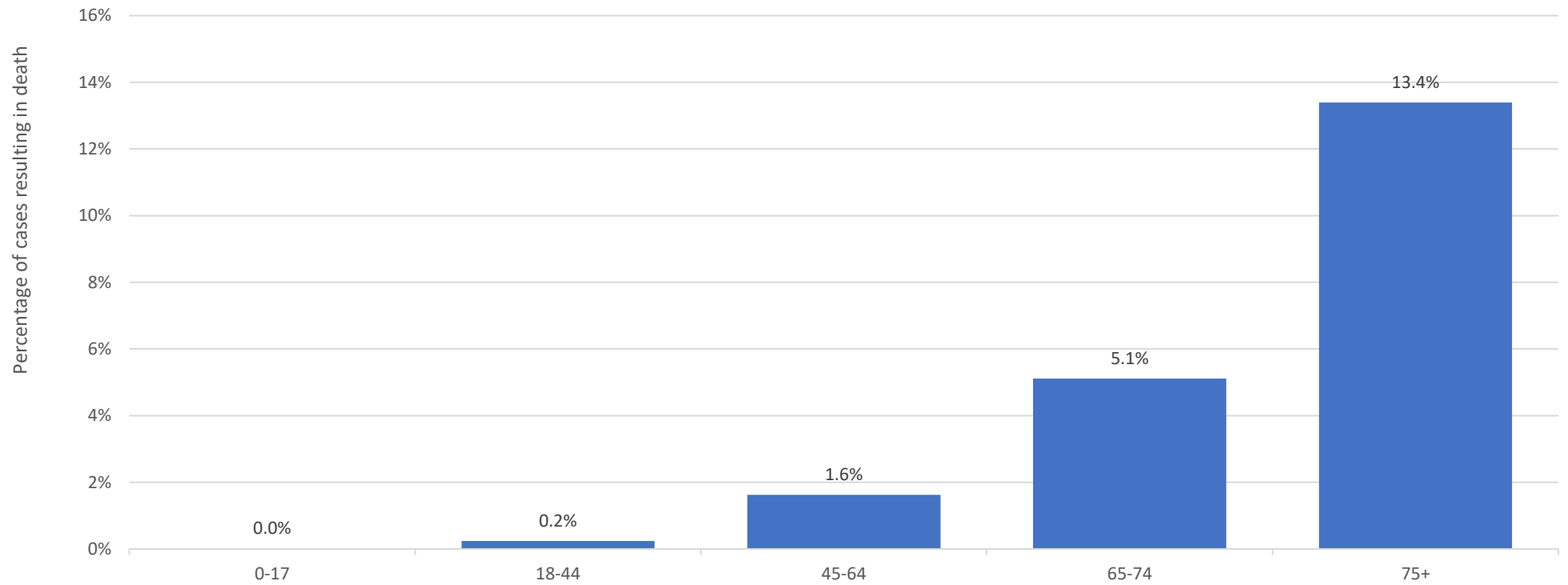
Age-adjusted* Case Fatality Case Fatality Rate by Month of 1st Positive Test
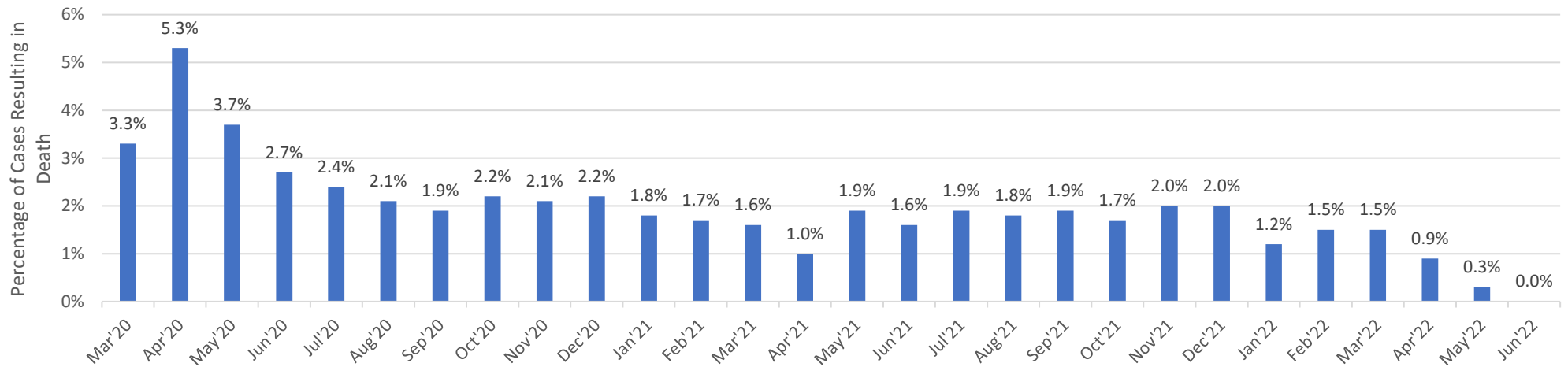
Percentage of Cases Resulting in Death

Month	Rate
Mar'20	3.3%
Apr'20	5.3%
May'20	3.7%
Jun'20	2.7%
Jul'20	2.4%
Aug'20	2.1%
Sep'20	1.9%
Oct'20	2.2%
Nov'20	2.1%
Dec'20	2.2%
Jan'21	1.8%
Feb'21	1.7%
Mar'21	1.6%
Apr'21	1.0%
May'21	1.9%
Jun'21	1.6%
Jul'21	1.9%
Aug'21	1.8%
Sep'21	1.9%
Oct'21	1.7%
Nov'21	2.0%
Dec'21	2.0%
Jan'22	1.2%
Feb'22	1.5%
Mar'22	1.5%
Apr'22	0.9%
May'22	0.3%
Jun'22	0.0%

*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.
https://covid.cdc.gov/covid-data-tracker/#demographics

Age-adjusted* Case Fatality Rate by Gender

*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.
https://covid.cdc.gov/covid-data-tracker/#demographics
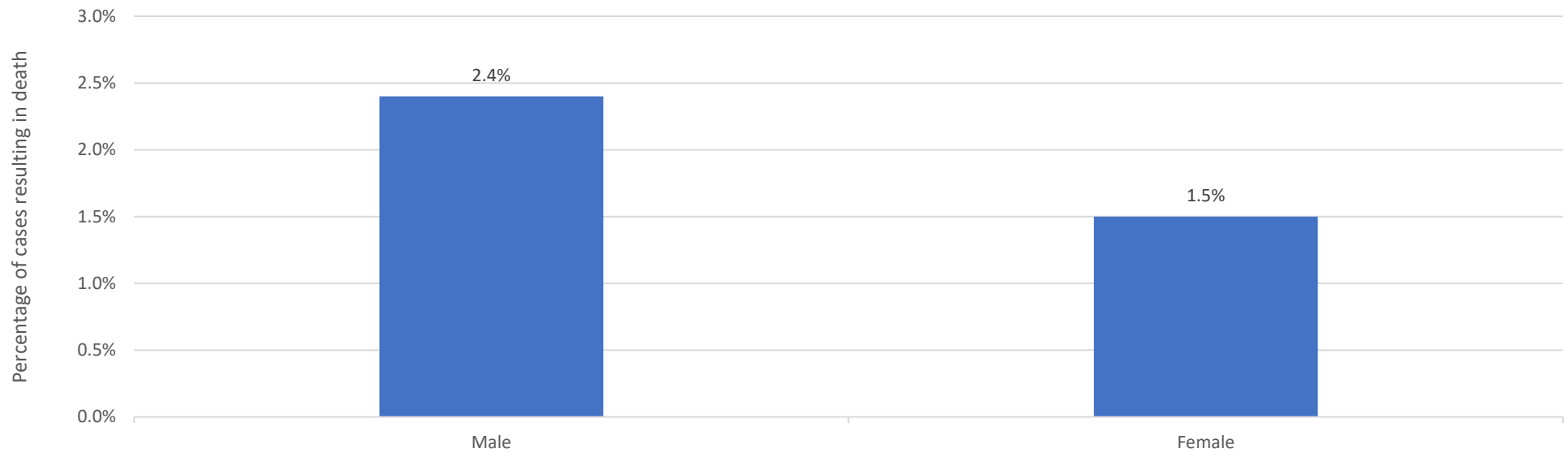
Age-adjusted* Case Fatality Rate by Race/Ethnicity

Age-adjusted* Case Fatality Rate Among AI/AN, by Month of 1st Positive Test
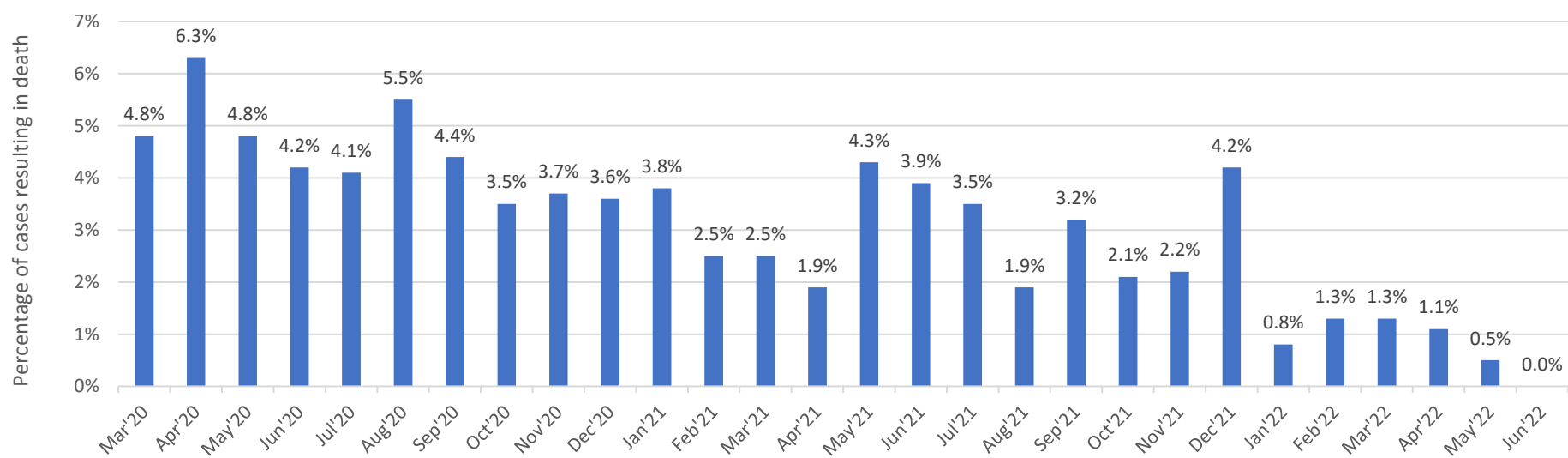
23

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%	1.8%	2.9%	6.4%	12.1%	18.8%	29.9%
Hispanic	0.0%	0.0%	0.1%	0.3%	0.9%	2.2%	4.7%	11.2%	20.9%	29.8%
White	0.0%	0.0%	0.0%	0.3%	0.4%	1.3%	3.3%	7.6%	18.0%	25.2%

Age Group (Years)

Percentage of cases resulting in death
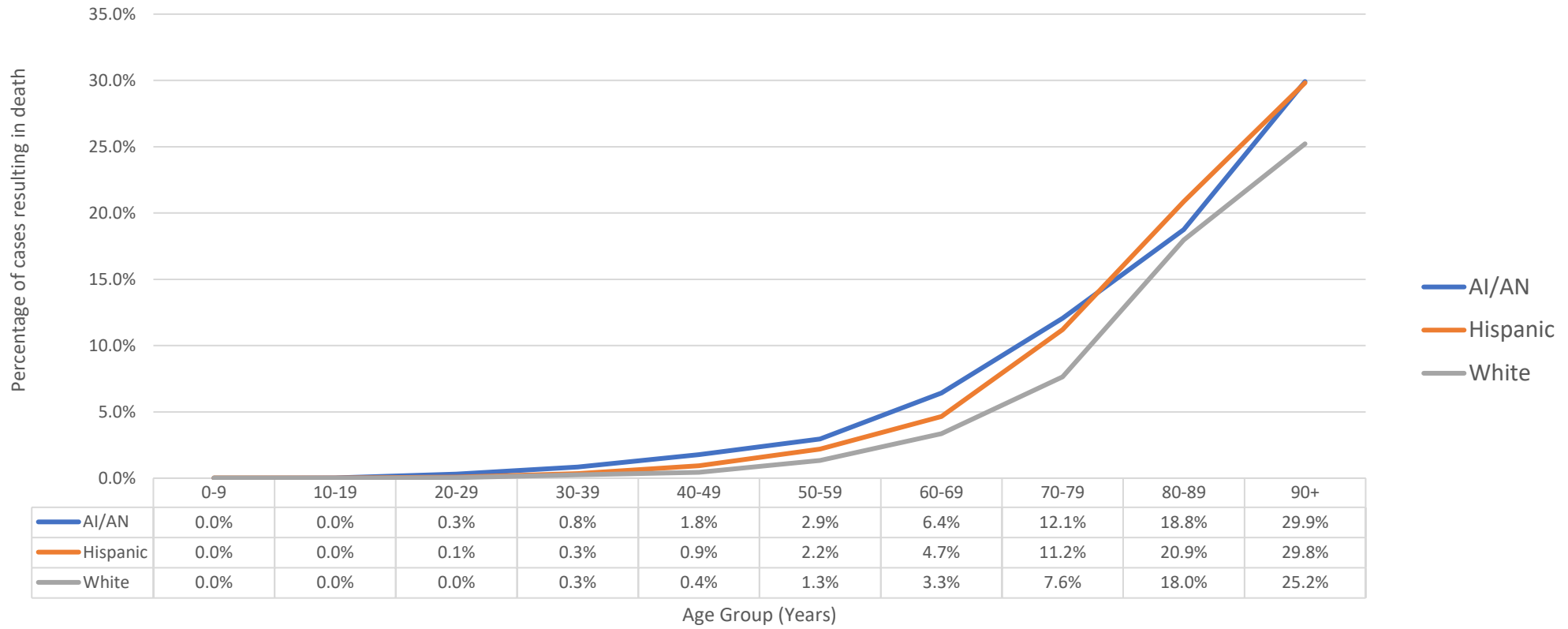
Age-adjusted* Case Fatality Rate by Race/Ethnicity and Gender
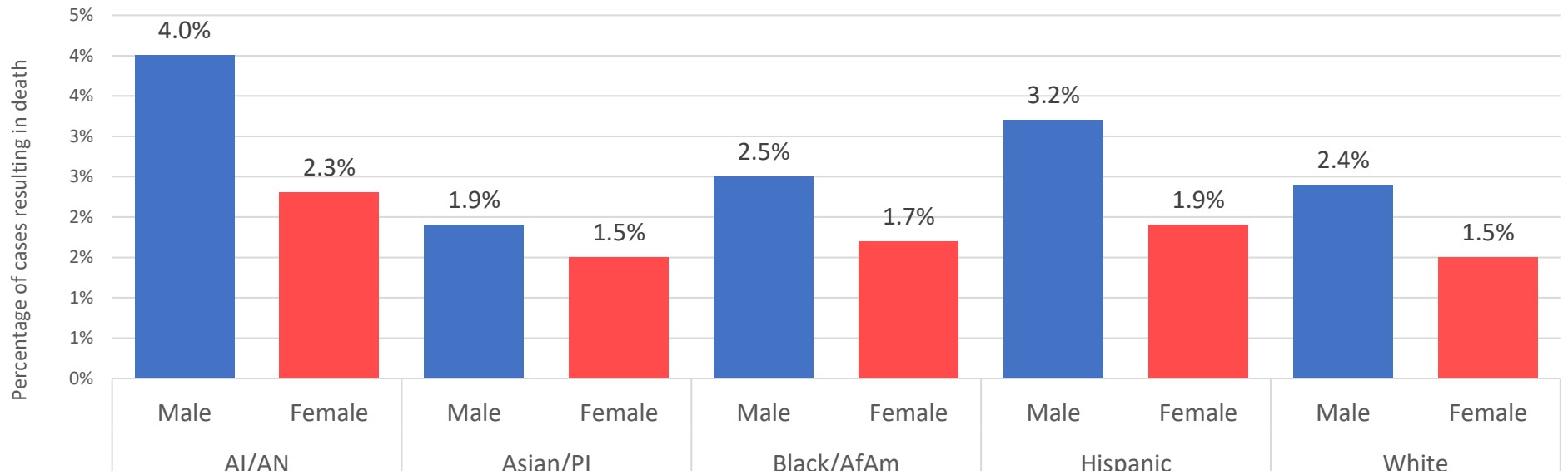
Age-adjusted* Case Fatality Rate Among AI/AN, by Month of 1st Positive Test and Gender

25
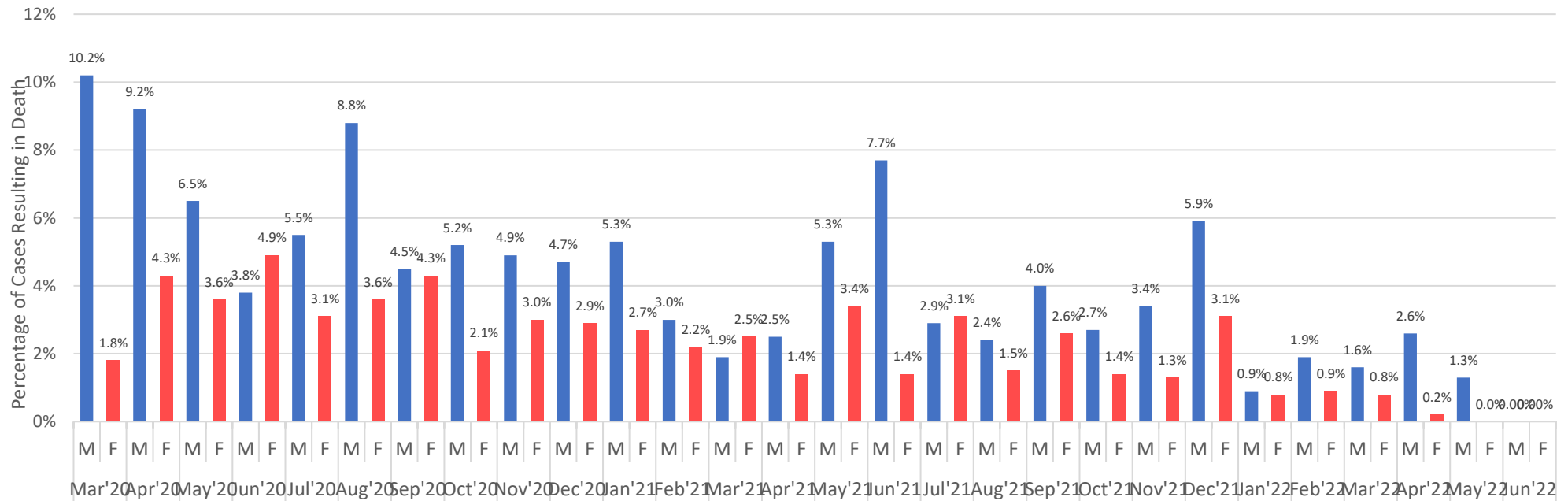
Age-adjusted* Case Fatality Rate by Gender, Underlying Conditions, and Hospitalization Status
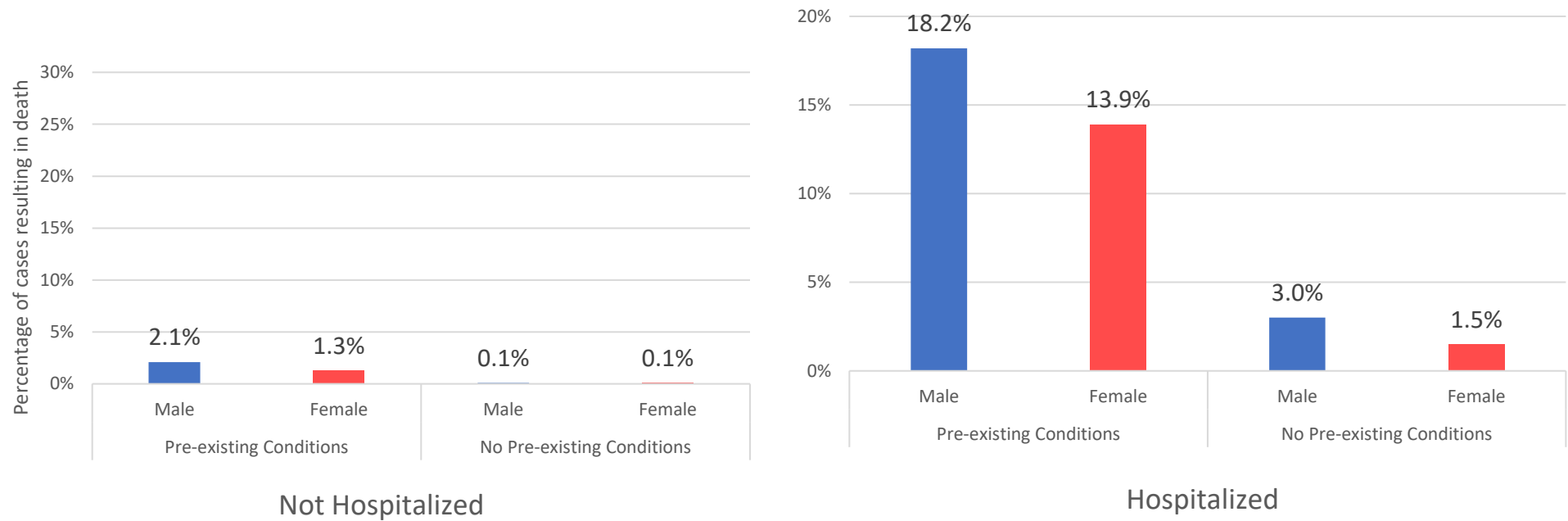
Not Hospitalized

Hospitalized

*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases.
https://covid.cdc.gov/covid-data-tracker/#demographics

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.