

Fig 1. From 2016-2019, age-adjusted mortality rates in El Dorado County, across California, and across the US showed little fluctuation. **Between 2019 and 2020, however, the age-adjusted mortality rate increased by 11% in El Dorado County, 17% across California, and 17% across the US.**

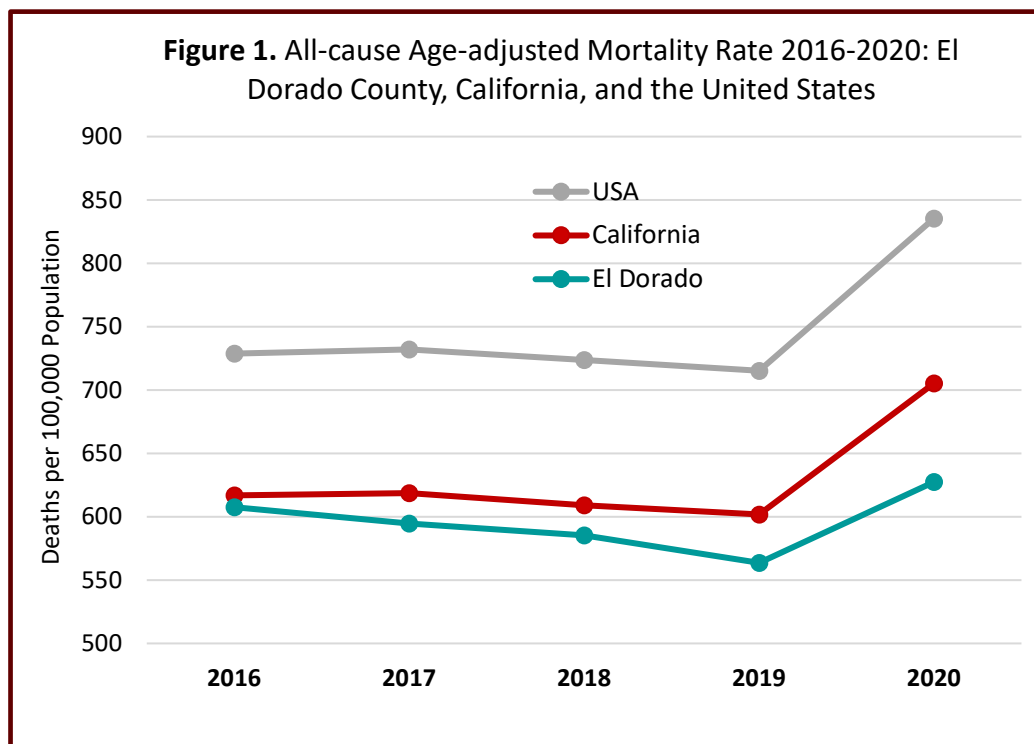


Fig 2. The Mortality rate increased between from 2019 to 2020 for every age-group in El Dorado County, except for the 75-84 years age-group. **The most notable increase, and increase of 43%, occurred for the 25-44 years age group** (however, note the relatively small numbers of deaths for this age-group in both years).

Figure 2. Total Deaths and Mortality Rates by Age-group in El Dorado County, 2019 and 2020

Age Group	2019			2020			Percent Change in Crude Rate From 2019 to 2020
	Deaths	Population	Crude Rate	Deaths	Population	Crude Rate	
15-24	*	*	*	17	20,356	*	*
25-44	59	41,839	141.0	85	42,028	202.2	43.4%
45-64	245	57,286	427.7	249	56,071	444.1	3.8%
65-74	307	26,059	1,178.1	389	26,891	1,446.6	22.8%
75-84	412	11,807	3,489.5	427	12,408	3,441.3	-1.4%
85+	554	4,438	12,483.1	628	4,642	13,528.7	8.4%

*Rates are per 100,000 population; *Data is suppressed when numbers are too small to calculate stable rates or meet confidentiality requirements.*

Data source for all tables and figures: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death, 1999-2019 on CDC WONDER online database, accessed April 2022: <https://wonder.cdc.gov/ucd-icd10.html>

Fig 3. When examining by Race/Ethnic group, The Mortality rate increased for all groups (with sufficient data available for calculation). **The most notable increase was among Hispanics race/ethnic group, which experienced a 21% increase in the mortality rate between 2019 and 2020** (however, note the relatively smaller population size for Hispanics and other non-White race/ethnic categories in general).

Figure 3. Total Deaths and Mortality Rates by Race/Ethnicity in El Dorado County, 2019 and 2020

	2019			2020			Percent Change in Age-Adjusted Rate From 2019 to 2020
	Deaths	Population	Age-Adjusted Rate	Deaths	Population	Age-Adjusted Rate	
NH White	1,442	152,328	583.4	1,631	151,489	650.8	11.6%
NH Black	11	2,410	*	16	2,516	*	*
Hispanic	77	22,812	448.0	95	22,998	541.2	20.8%
Asian/Pacific Islander	47	10,857	449.1	54	11,319	460.1	2.4%
American Indian/ Alaska Native	12	1,870	*	11	1,846	*	*

Rates are per 100,000 population; age-adjusted rates are adjusted to the 2000 Standard population.

*Data is suppressed when numbers are too small to calculate stable rates or meet confidentiality requirements.

Fig 4. From 2019 to 2020, the overall mortality rate increased only slightly among females but more significantly among males in El Dorado County. Males in El Dorado County generally have a 50% increased risk of death when compared with females, a trend that is generally seen across the US and many developed countries.

Figure 4. Total Deaths and Mortality Rates by Sex in El Dorado County, 2019 and 2020

	2019			2020			Percent Change in Age-Adjusted Rate From 2019 to 2020
	Deaths	Population	Age-Adjusted Rate	Deaths	Population	Age-Adjusted Rate	
Female	767	96,685	495.0	801	96,971	505.5	2.1%
Male	824	96,158	632.3	1,008	95,954	759.3	20.1%

Rates are per 100,000 population; age-adjusted rates are adjusted to the 2000 Standard population.

Fig 5. The top 10 causes of death in El Dorado County for 2020 are largely similar to the top 10 causes across California and the US. However, **El Dorado has a higher mortality rate for Alzheimer Disease, chronic liver disease / cirrhosis, and suicide when compared to California and the US overall.** Additionally, El Dorado’s mortality rate for accidents is higher than that seen across California.

COVID-19 became one of the top 10 causes of death in El Dorado and across all regions of the US as of 2020. El Dorado fared better than both California and the US for COVID-19 mortality in 2020. El Dorado County also fared better than California and the US in mortality due to heart disease and diabetes. Both heart disease and diabetes are major risk factors (underlying conditions) for COVID-19 Hospitalization and Death.

Fig 5. Mortality Rates for the Top 10 Causes of Death in El Dorado County in 2020, Compared with their Respective Rates in California and USA

Cause of death	El Dorado Age-Adjusted Rate	California Age-Adjusted Rate	USA Age-Adjusted Rate
1. Heart Disease	127.9	144.0	168.2
2. Cancer	121.9	130.3	144.1
3. Accidents (unintentional Injuries)	54.5	44.1	57.6
4. Alzheimer Disease	42.8	40.6	32.4
5. Stroke	33.0	39.1	38.8
6. Chronic Lower Respiratory Disease	26.1	28.1	36.4
7. COVID-19	24.6	68.7	85
8. Chronic Liver Disease and Cirrhosis	18.9	13.9	13.3
9. Suicide	17.4	10	13.5
10. Diabetes	15.9	25.4	24.8

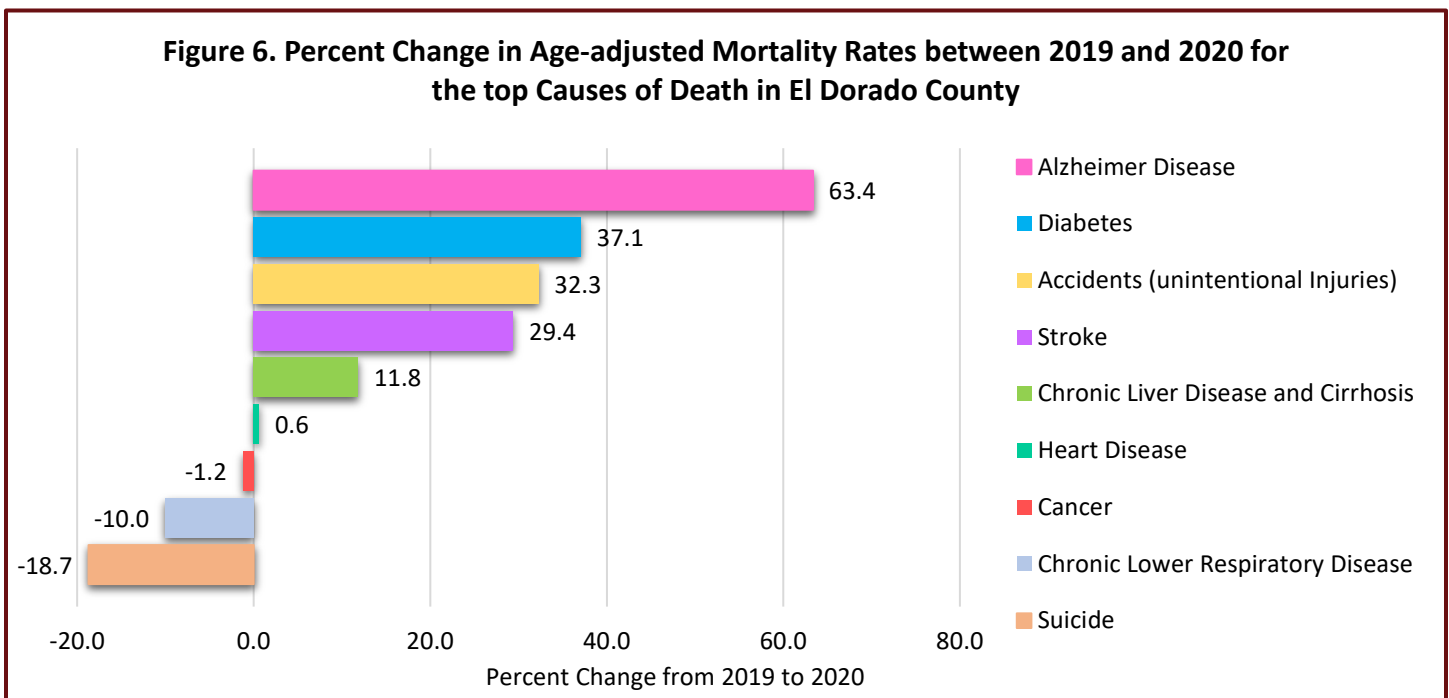
Rates are per 100,000 population; age-adjusted rates are adjusted to the 2000 Standard population.

Fig 6. In addition to having a slightly higher mortality rate due to Alzheimer Disease than California and the US overall (Fig 5 above), **El Dorado County also experienced a significant increase in mortality due to Alzheimer disease between 2019 and 2020.**

While El Dorado fares better than California and the US overall in diabetes mortality (Fig 5 above), it did experience an increase in diabetes mortality between 2019 and 2020.

Mortality due to accidents, stroke, and chronic liver disease/Cirrhosis also increased between 2019 and 2020.

Finally, while the suicide mortality rate in El Dorado is higher than that across California and US overall (Fig 5 above), it did decrease between 2019 and 2020.



Note: COVID not reflected above as it did not cause any deaths in 2019