

COUNTY HEALTH STATUS PROFILES 2022 EXCERPT: STATEWIDE MORTALITY TRENDS

County Health Status Profiles (Profiles) is a report published annually by the California Department of Public Health in collaboration with the California Conference of Local Health Officers. The following overview of mortality trends will be included as Appendix B in the forthcoming *Profiles 2022* to be published on April 29, 2022.

The final published report, previous reports, and additional interactive visualizations of the statewide mortality trends can be found on the [Profiles webpage](#).

This is an excerpt from *Profiles 2022* as of March 24, 2022, and the content may differ from the version included in the final published report. The methodology for classifying the mortality indicators presented in *Profiles* may differ from other reports of California death data. Refer to the Technical Notes for the *Profiles 2021* report for more information.

STATEWIDE MORTALITY TRENDS

The coronavirus disease 2019 (COVID-19) pandemic has affected the mortality rates for 2020 by substantially increasing the number of deaths compared to previous years. Since the mortality data presented in *Profiles* are based on three-year averages, this section reports statewide annual mortality trends to provide context for some changes in three-year averages reported in this publication of *Profiles*. All death rates are per 100,000 respective population of California residents.

HIGHLIGHTS OF ALL CAUSE MORTALITY

- Statewide deaths for California residents increased by 18.5 percent from 269,821 in 2019 to 319,830 in 2020 (Table B1).
- The statewide crude death rate increased by 18.5 percent from 678.6 deaths per 100,000 population in 2019 to 803.9 in 2020 (Figure B1, Table B1).
- The overall statewide age-adjusted death rate increased by 15.6 percent from 589.7 per 100,000 standard population in 2019 to 681.9 in 2020 (Figure B1, Table B1).
- For the female population, the age-adjusted death rate increased by 12.8 percent from 491.1 in 2019 to 554.2 in 2020 (Figure B2, Table B2).
- For the male population, the age-adjusted death rate increased by 17.6 percent from 704.4 in 2019 to 828.6 in 2020 (Figure B2, Table B2).
- The Hispanic population had the greatest relative increase in age-adjusted death rate of 34.3 percent from 514.0 in 2019 to 690.1 in 2020 (Figure B3, Table B3).
- The White population had the lowest relative increase in age-adjusted death rate of 7.4 percent from 639.2 in 2019 to 686.8 in 2020 (Figure B3, Table B3).

Figure B1. Annual all cause crude and age-adjusted death rates for California, 2015–2020

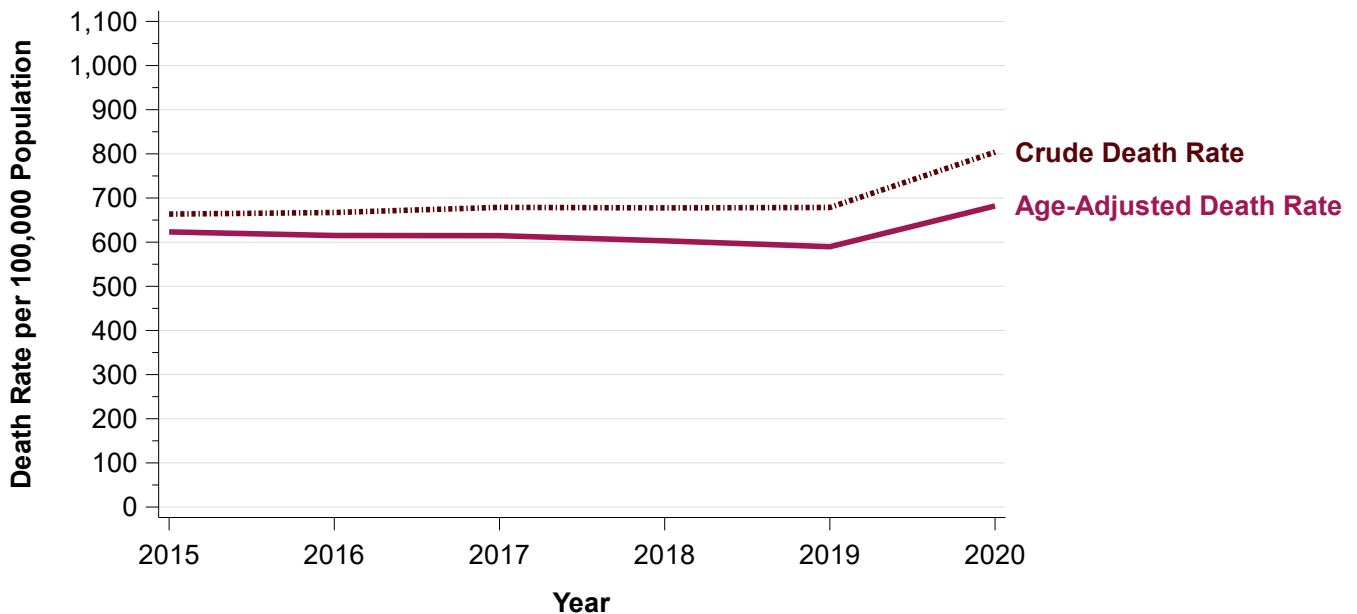


Table B2. Annual all cause deaths and death rates for California, 2015–2020

Measurement	2015	2016	2017	2018	2019	2020
Total Deaths	258,842	261,867	268,051	268,787	269,821	319,830
Crude Death Rate	663.6	667.1	678.8	677.6	678.6	803.9
Age-Adjusted Death Rate	623.2	615.0	614.7	603.0	589.7	681.9

Figure B2. Annual all cause age-adjusted death rates by sex for California, 2015–2020

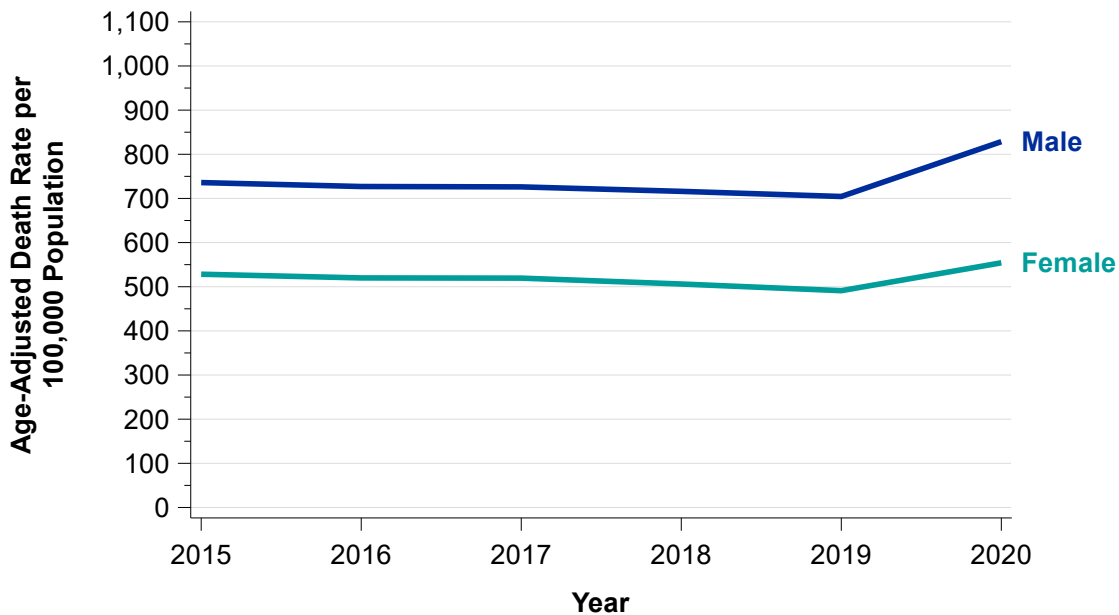


Table B2. Annual all cause age-adjusted death rates by sex for California, 2015–2020

Sex	2015	2016	2017	2018	2019	2020
Female	528.3	519.9	519.5	506.1	491.1	554.2
Male	735.9	727.0	726.1	716.0	704.4	828.6

Figure B3. Annual all cause age-adjusted death rates by race/ethnic group for California, 2015–2020

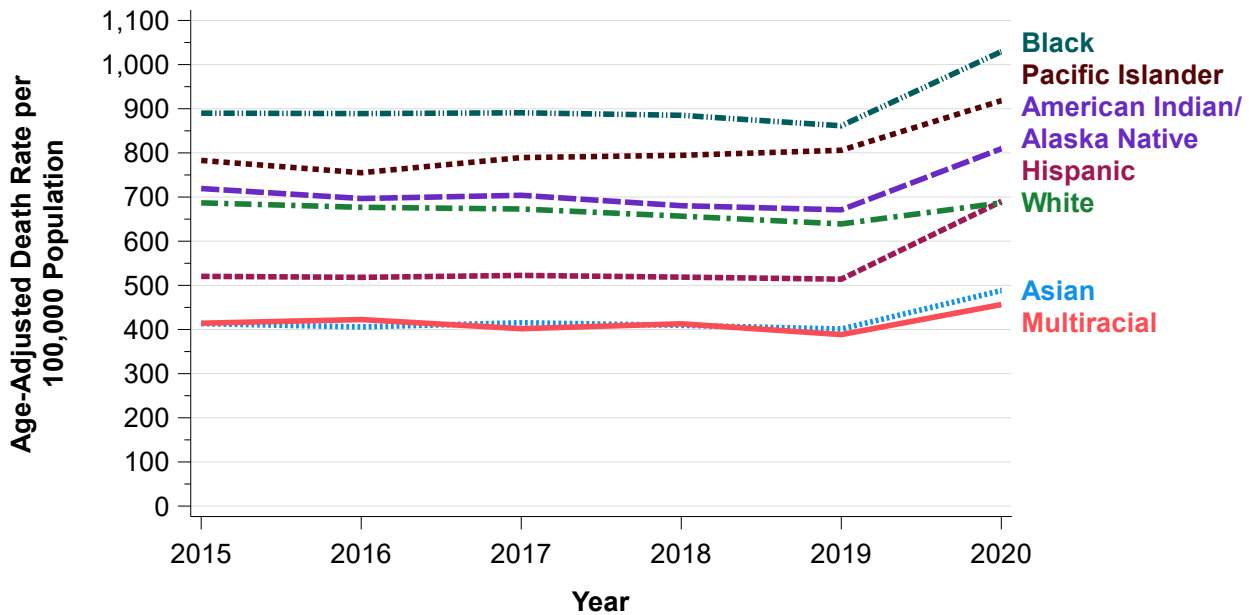


Table B3. Annual all cause age-adjusted death rates by race/ethnic group for California, 2015–2020

Race/Ethnic Group	2015	2016	2017	2018	2019	2020
American Indian/Alaska Native	719.3	696.7	704.0	680.4	671.1	809.5
Asian	413.3	405.8	415.3	409.5	401.0	488.2
Black	890.0	889.0	890.8	885.1	861.4	1,029.5
Hispanic	520.4	518.2	522.5	518.6	514.0	690.1
Multiracial	414.2	422.5	401.9	412.9	388.4	456.5
Pacific Islander	783.0	755.1	789.4	794.5	806.0	918.4
White	686.8	676.8	672.9	656.7	639.2	686.8

HIGHLIGHTS OF MORTALITY HEALTH INDICATORS

The cause of death for the mortality health indicators in *Profiles* are based solely on the underlying cause of death. Deaths where COVID-19 was coded as the underlying cause of death are only included for all causes of death and are not included in any of the specific mortality health indicators. However, deaths where COVID-19 was listed as a significant condition contributing to death but not the underlying cause of death may be included for these health indicators.

Note that there is overlap between the mortality health indicators included in *Profiles*. For example, the accidents indicator includes all motor vehicle crashes and some, but not all, deaths due to drug induced causes and firearm related injuries.

- The cancer mortality health indicators included in *Profiles*, except for deaths due to prostate cancer, decreased by between 1.6 and 6.6 percent from 2019 to 2020 (Figure B4, Table B4).
- Age-adjusted death rates for Alzheimer’s disease, cerebrovascular disease, chronic liver disease and cirrhosis, coronary heart disease, diabetes, and influenza and pneumonia increased by between 3.0 and 15.1 percent from 2019 to 2020 (Figure B5, Table B4).
- The age-adjusted death rate due to chronic lower respiratory disease decreased by 4.3 percent from 2019 to 2020 (Figure B5, Table B4).
- Age-adjusted death rates from accidents, drug induced causes, firearm related injuries, homicide, and motor vehicle crashes increased by between 12.6 and 43.2 percent from 2019 to 2020 (Figure B6, Table B4).
- The age-adjusted death rate from suicide decreased by 6.5 percent between 2019 and 2020 (Figure B6, Table B4).

Figure B4. Annual age-adjusted death rates for deaths due to cancers, 2015–2020

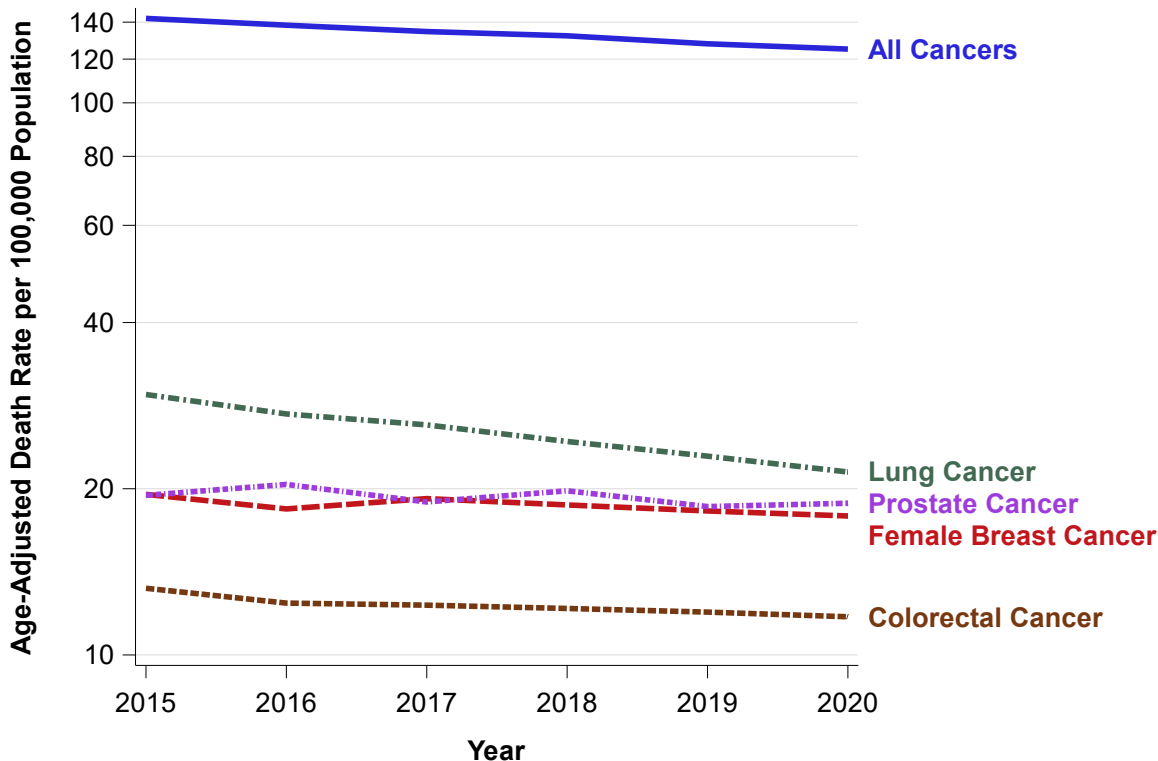


Figure B5. Annual age-adjusted death rates for deaths due to non-cancer diseases and conditions, 2015–2020

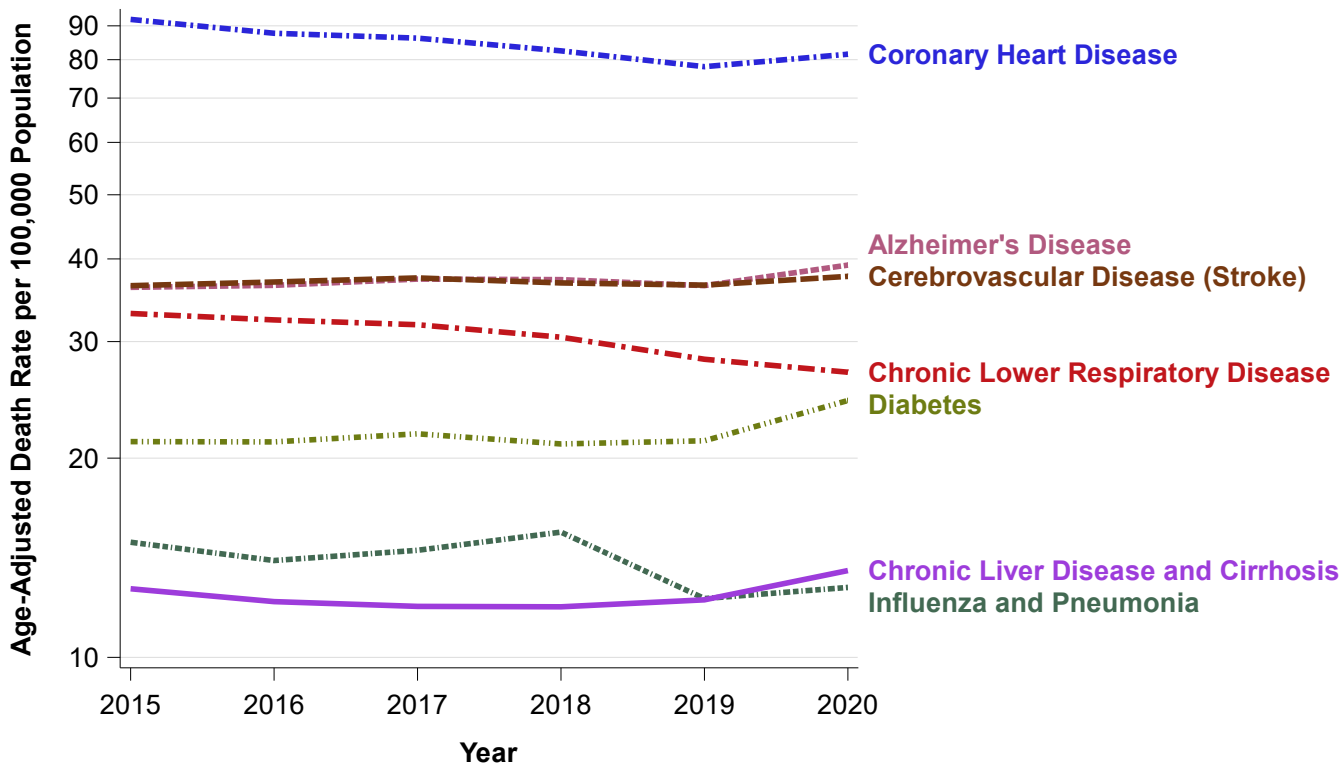


Figure B6. Annual age-adjusted death rates for deaths due to external and environmental forces, 2015–2020

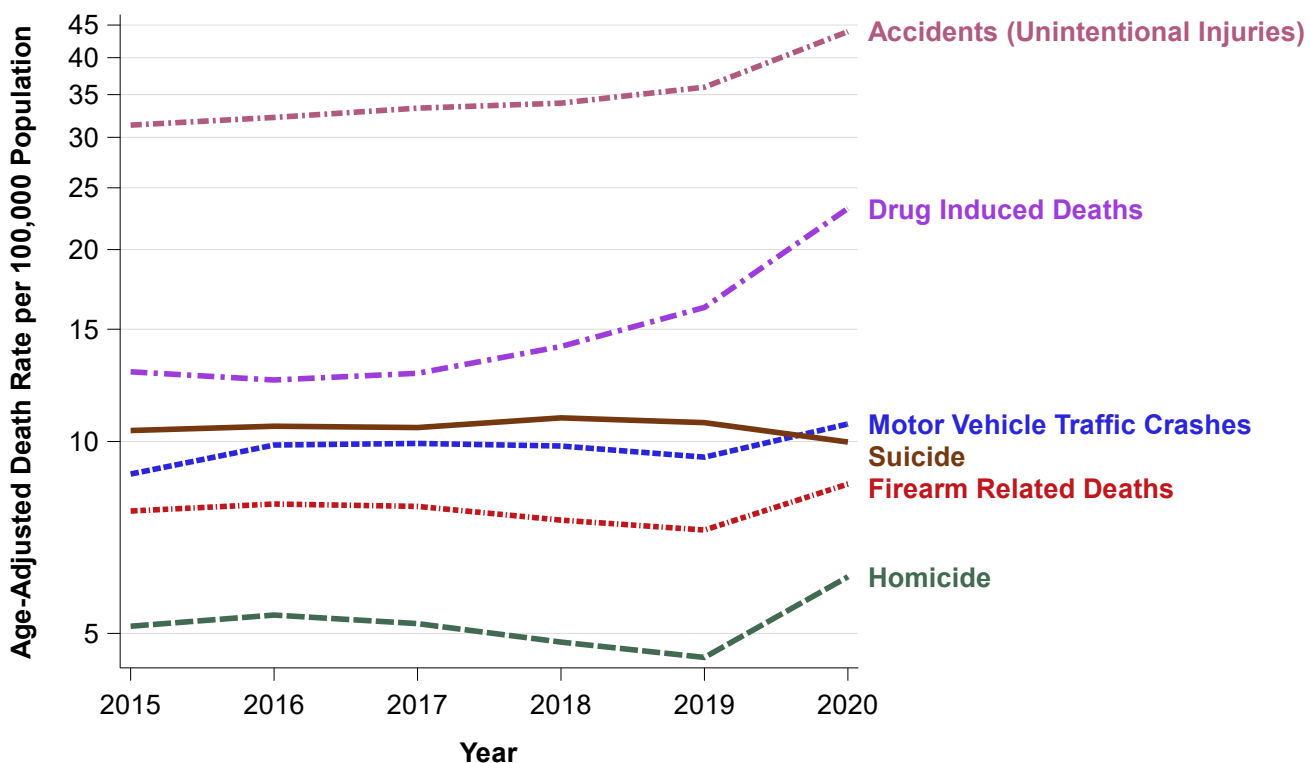


Table B4. Annual age-adjusted death rates by cause of death, 2015–2020

Cause of Death	2015	2016	2017	2018	2019	2020
All Causes	623.2	615.0	614.7	603.0	589.7	681.9
All Cancers	142.2	138.2	134.6	132.2	127.9	125.1
Colorectal Cancer	13.2	12.4	12.3	12.1	12.0	11.7
Lung Cancer	29.6	27.3	26.1	24.4	22.9	21.4
Female Breast Cancer	19.5	18.4	19.2	18.7	18.2	17.9
Prostate Cancer	19.5	20.4	18.9	19.8	18.6	18.8
Diabetes	21.2	21.2	21.8	21.0	21.2	24.4
Alzheimer's Disease	36.2	36.5	37.3	37.2	36.4	39.1
Coronary Heart Disease	92.0	87.7	86.2	82.5	78.1	81.5
Cerebrovascular Disease (Stroke)	36.4	36.9	37.4	36.8	36.5	37.6
Influenza and Pneumonia	14.9	14.0	14.5	15.5	12.3	12.8
Chronic Lower Respiratory Disease	33.1	32.4	31.8	30.5	28.2	27.0
Chronic Liver Disease and Cirrhosis	12.7	12.1	11.9	11.9	12.2	13.5
Accidents (Unintentional Injuries)	31.4	32.2	33.3	33.9	36.0	44.0
Motor Vehicle Traffic Crashes	8.9	9.9	9.9	9.8	9.5	10.7
Suicide	10.4	10.6	10.5	10.9	10.7	10.0
Homicide	5.1	5.3	5.2	4.8	4.6	6.1
Firearm Related Deaths	7.8	8.0	7.9	7.5	7.3	8.6
Drug Induced Deaths	12.9	12.5	12.8	14.1	16.2	23.2

DATA SOURCES

California Department of Public Health, Center for Health Statistics and Informatics, *California Comprehensive Master Death Files (Static)*, compiled October 2021.

California Department of Finance, Demographic Research Unit, *Report P-3: Population Projections*, July 2021.