2024 State of Public Health Report California Conference of Local Health Officers

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March 7, 2023

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2024 State of Public Health Report

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Outline



2 Leading causes of mortality and morbidity

- Infant and maternal mortality
- 4 Mental health

Image: A matrix

Introduction

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CDPH Mission, Vision, and Report Purpose

- At CDPH, our mission is to "to advance the health and well-being of California's diverse people and communities" with the vision that all Californians enjoy "healthy communities with thriving families and individuals."
- Public health is our collective effort to protect, promote, and improve the health of all communities in California.
- This year, CDPH submitted the inaugural State of Public Health Report¹ highlighting key public health indicators, health disparities, and leading causes of morbidity and mortality.
- This report serves as a foundational tool for monitoring population health, informing public health action, and promoting shared accountability.

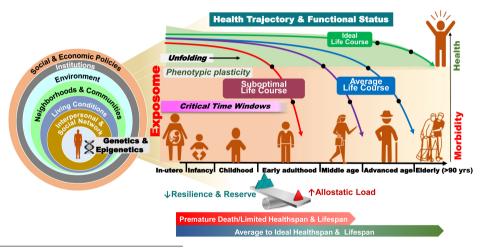
 ¹https://www.cdph.ca.gov/Programs/OPP/Pages/State-of-Public-Health-Report
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The Four Pillars of the Public Health Approach

- First, ecological-social environments: This pillar centers on the connections between individuals, their family and social circles, as well as their interaction with their neighborhood and environment.
- Second, the life course perspective: This pillar acknowledges that health is influenced by experiences throughout one's life, and the lives of past generations.
- Third, equity and health equity: This pillar focuses on creating fair and just conditions where everyone has the opportunity to achieve optimal health, free from discrimination and racism.
- Fourth, prevention-focused: This pillar prioritizes primary prevention, particularly intervening early to address potential health problems before they arise.

Introduction

Health Trajectories Under the Influence of Macro- and Micro-Level Factors²



²Source: https://doi.org/10.1016/j.jacc.2020.10.011

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Leading causes of mortality and morbidity

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Multiple Lenses – Top 5 Conditions Based on Multiple Measures

Deaths, 2022	Number	Years of Lif
1 Ischemic heart disease	37,445	1 Drug over
2 Alzheimer's disease	29,819	2 Ischemic
3 Stroke	18,279	3 Road inju
4 COVID-19	17,296	4 Alcohol-re
5 Hypertensive heart disease	15,694	5 Suicide

Years of Life Lost, 2022				
1 Drug overdose				
2 Ischemic heart disease				
3 Road injury				
4 Alcohol-related				
5 Suicide				

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200.4 80.9 49.4 38.5 35.0

te	Race Disparity in Deaths, 2020-2022 Rate Ratio							
.6	1 Obesity	(NHPI:Asian)	21.9					
2	2 Homicide	(Black:Asi <mark>an)</mark>	16.3					
8	3 HIV/STDs	(Black:Asian)	13.4					
8	4 Alcohol-related	(AIAN:Asian)	12.8					
7	5 Tuberculosis	(Asian:White)	11.2					

Decrease in Death Rates, 2012 to 2022* Increase in Death Rates, 2012 to 2022* Percent Percent

1 Croone	
-71.8	1 Hepatit
-40.4	2 Lung Cance
-37.7	3 Pneumon
-33.2	4 COP
-32.1	5 Valve disorder

	P
atitis	1 Drug overdose
ncer	2 Obesity
onia	3 Road injury
DPD	4 Alcohol-related
ders	5 Kidney diseases

Benertable Disease Conset

Number of ED Visits, 2022

	Numb
1 Abdominal pain	640,02
2 Nonspecific chest pain	5 16,76
3 Other upper resp. inf.	504,26
4 COVID-19	462,74
5 Superficial injury; contusion	427,58

	Reportable Disease Cases	
ər		Number
0	1 Chlamydia	193,907
1	2 Gonorrhea	80,317
7	3 Total Syphilis	33,409
9	4 Campylobacteriosis	7,740
7	5 Coccidioidomycosis	7,451

Number of Hospitalizations, 2022

τ		Number
1	1 Septicemia	308,883
)	2 Hypertension complications	126,990
1	3 Mood disorders	95,530
5	4 Other complications of birth	87,630
)	5 Schizophrenia	84,958

Years Lived with Disability, 2019

mber		Rate
3,907	1 Musculoskeletal disorders	3,867.4
0,317	2 Mental disorders	2,146.6
3,409	3 Neurological disorders	1,038.7
7,740	4 Substance use disorders	992.0
7,451	5 Diabetes and kidney diseases	912.0

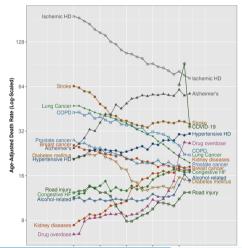
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Trends in Age-Adjusted Death Rates for Top 15 Conditions, 2000–2022



Decreases

- Ischemic heart disease
- Stroke
- COPD
- Lung cancer
- Breast cancer

Increases

- Alzheimer's
- Hypertensive HD
- Drug overdose
- Alcohol-related
- Road injuries

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Image: A matrix

Leading Causes of Death across the Life Course, 2022

Rank	Ages 0 - 4	Ages 5 - 14	Ages 15 - 24	Ages 25 - 34	Ages 35 - 44	Ages 45 - 54	Ages 55 - 64	Ages 65 - 74	Ages 75 - 84	Ages 85+
1	Neonatal conditions 1,002 (o)	Road injury 80	Road injury 765	Drug overdose 2,309 (>)	Drug overdose 2,382 (>)	Drug overdose 2,072	Ischemic heart disease 4,631	Ischemic heart disease 8,190 (¤)	lschemic heart disease 9,672	Alzheimer's disease 20,246 (<)
2	Congenital anomalies 423 (<)	Congenital anomalies 45 (<)	Drug overdose 723	Road injury 1,088	Alcohol- related 995 (>)	Alcohol- related 1,467	COVID-19 2,279	COVID-19 3,635 (~)	Alzheimer's disease 7,371 (<)	Ischemic heart disease 13,073
3	Other un- intentional injuries 97	Brain & nervous system cancers (^) 44	Homicide 480	Suicide 724	Road injury 827	Ischemic heart disease (¤) 1,433	Drug overdose 2,254	Lung Cancer 3,034	Stroke 4,625	Stroke 8,347
4	Other Infections or Nutrition (v) 39	Suicide 38 (>)	Suicide 441 (>)	Homicide 668 (>)	Suicide 654 (>)	COVID-19 977 (v)	Alcohol- related 2,065	Stroke 2,865 (¤)	COVID-19 4,325 (v)	Hyper- tensive heart disease (¤) 6,678
	immune als. 37	Other neurological 34 (<)	104	408	Homicide 506	Hyper- tensive heart disease (¤) 757	Hyper- tensive heart disease (II) 1,768	Hyper- tensive heart disease (¤) 2,581	COPD 3,891 (<)	COVID-19 5,409 (~)

Broad Condition Group

(v) Communicable	(^) Cancer	(¤) Cardiovascular
(<) Other Chronic	(>) Injury	(o) Perinatal

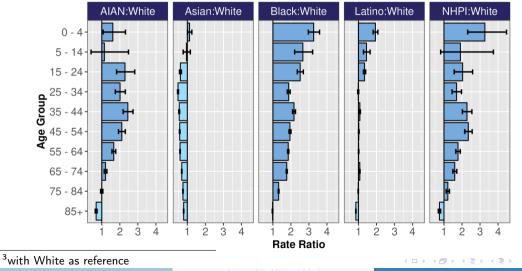
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Leading causes of mortality and morbidity

Age-Specific Death Rate Ratios, by Race/Ethnicity, 2020–2022³

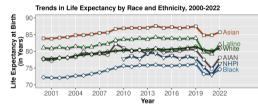


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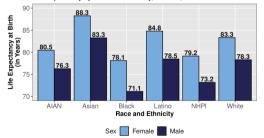
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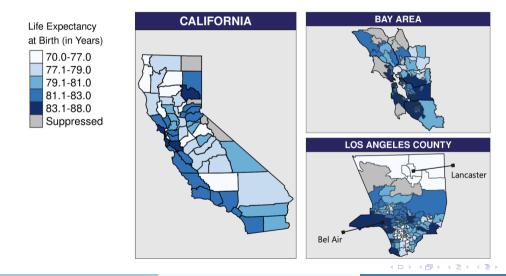
Life Expectancy Trends (2000–22) by Race/Ethnicity & Sex (2018–22)



Life Expectancy by Race and Ethnicity, and Sex, 2018-2022



Life Expectancy Maps—California, Bay Area, & LA County, 2018–22



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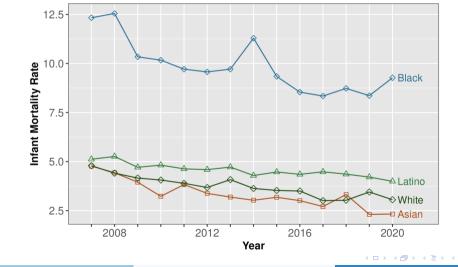
Infant and maternal mortality

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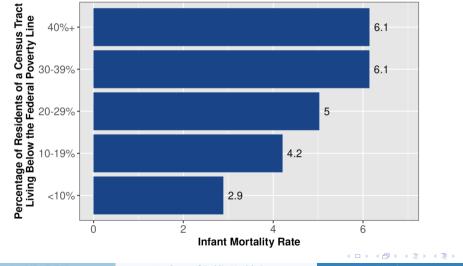
Infant Mortality Rate (per 1,000 Live Births) by Race & Ethnicity, 2007-20



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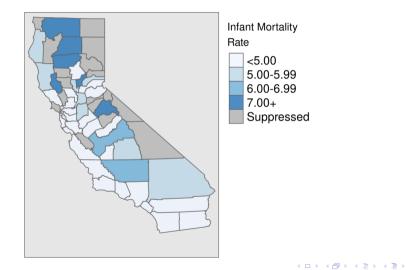
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Infant Mortality Rate (per 1,000 Live Births) by Neighborhood Poverty, 2020



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Infant Mortality Rate (per 1,000 Live Births) by County, 2018–2020

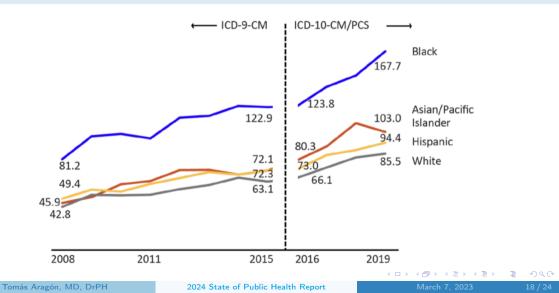


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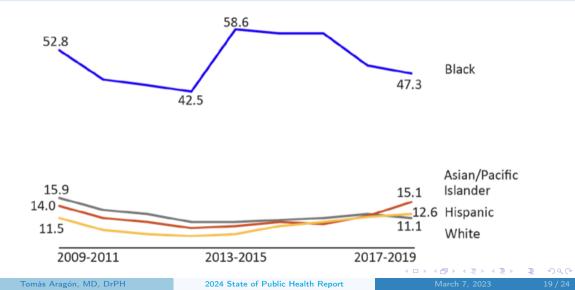
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Severe Maternal Morbidity per 10K deliveries, by Race & Ethnicity, 2008-19



Pregnancy-related deaths per 100K live births, by Race & Ethnicity, 2009–19



Mental health

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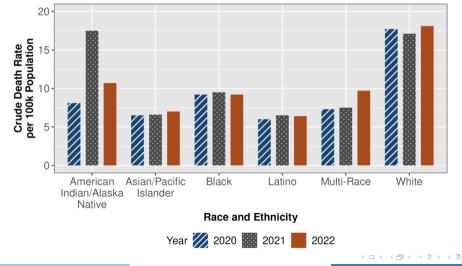
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Mental health

Suicide Rate by Race and Ethnicity, 2020–2022

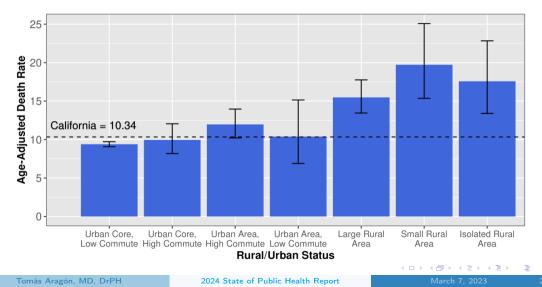


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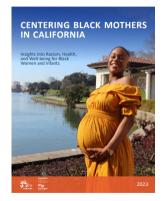
Mental health

Age-Adjusted Suicide Death Rate (per 100K) by Rural/Urban Status, 2022



CA State of Public Health Report & Centering Black Mothers in CA





https: //www.cdph.ca.gov/Programs/OPP/Pages/ https://www.cdph.ca.gov/Programs/CFH/ DMCAH/Pages/Health_Topics/_______

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CDPH has new Alcohol Harms Prevention Initiative



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