

San Diego County Health Briefs

North Central Region, 2020



Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
Ages 40-49	13.3%	12.4%
Ages 50-59	12.4%	12.2%
Ages 60-69	11.1%	10.8%
Ages 70-79	7.1%	6.7%
Ages 80+	4.0%	3.8%
White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL) [†]	9.3%	10.9%

Health Outcomes ^{2, 3, 4}	North Central Region		County	
	Number	Rate*	Number	Rate*
Coronary Heart Disease				
Death	394	59.0	2,519	75.6
Hospitalization	821	122.9	5,214	156.5
Emergency Department Discharge	134	20.1	1,107	33.2
Stroke				
Death	294	44.0	1,722	51.7
Hospitalization	1,011	151.3	6,035	181.2
Emergency Department Discharge	376	56.3	2,505	75.2
Overall Heart Disease[^]				
Death	774	115.8	4,853	145.7
Hospitalization	4,505	674.2	28,265	848.5
Emergency Department Discharge	8,008	1,198.4	52,136	1,565.0
Acute Myocardial Infarction (Heart Attack)				
Death	89	13.3	712	21.4
Hospitalization	556	83.2	3,439	103.2
Emergency Department Discharge	64	9.6	496	14.9
Heart Failure				
Death	163	24.4	1,056	31.7
Hospitalization	848	126.9	6,012	180.5
Emergency Department Discharge	292	43.7	1,928	57.9

For more data and statistics, visit www.SDHealthStatistics.com

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Non-Communicable (Chronic) Disease

Health Outcomes continued ^{2, 3, 4}	North Central Region		County	
	Number	Rate*	Number	Rate*
Overall Hypertensive Diseases~				
Death	162	24.2	987	29.6
Hospitalization	1,193	178.5	8,607	258.4
Emergency Department Discharge	1,050	157.1	7,774	233.4
Cancer, All Causes				
Death	826	123.6	4,939	148.3
Hospitalization	1,415	211.8	7,948	238.6
Emergency Department Discharge	161	24.1	1,098	33.0
Diabetes				
Death	120	18.0	852	25.6
Hospitalization	499	74.7	4,436	133.2
Emergency Department Discharge	518	77.5	4,569	137.2
COPD & Chronic Lower Respiratory Diseases				
Death	140	21.0	896	26.9
Hospitalization	170	25.4	1,614	48.5
Emergency Department Discharge	339	50.7	2,621	78.7
Asthma				
Death	<11	§	34	1.0
Hospitalization	93	13.9	695	20.9
Emergency Department Discharge	654	97.9	4,976	149.4
Parkinson's Disease				
Death	87	13.0	427	12.8
Hospitalization	22	3.3	129	3.9
Emergency Department Discharge	14	2.1	83	2.5
Lupus and Connective Tissue Disorders				
Death	<11	§	34	1.0
Hospitalization	27	4.0	268	8.0
Emergency Department Discharge	14	2.1	111	3.3
Access and Utilization ⁵ (2018-2020)	North Central Region (%)		County (%)	
No Usual Source of Care (ages 18-64)	18.4%		15.3%	
Uninsured All or Part of Year (ages 18-64)	10.2%		14.6%	
Visited Emergency Room in the Past Year (ages 18-64)	15.6%		17.4%	

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Health Behaviors ⁵ (2018-2020)	North Central Region (%)	County (%)
Current Smoker (ages 18+)	5.5%	7.5%
Overweight/Obese (ages 18+)	47.5%	58.2%
Spent 5 or More Hours on Sedentary Activities on Typical Weekend Days (ages 2-11)	26.7%	38.5%
Rated Overall health as Fair or Poor (18+)	9.4%	14.4%
Ever Diagnosed with High Blood Pressure (ages 18+)	16.7%	23.0%
Ever Diagnosed with Diabetes (ages 18+)	4.7%	8.8%
Ever Diagnosed with Asthma (all ages)	16.2%	14.9%

Sources

1. San Diego Association of Governments (SANDAG) Population Estimates, 2020 (vintage: 09/2022). Population estimates were derived using the 2010 Census and data should be considered preliminary.
2. California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2020.
3. California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020.
4. California Department of Health Care Access and Information (HCAI), Emergency Department Data, 2020.
5. UCLA Center for Health Policy Research, California Health Interview Survey (CHIS), 2018-2020.

† Source: U.S. Census Bureau; 2016-2020 American Community Survey 5-Year Estimates, Table B17024.

-Federal Poverty Level Thresholds for 2020 (\$13,171 for single person, \$26,246 for four-person-family [2 adults with 2 related children under 18 years]) per the U.S. Census Bureau, "Poverty Thresholds," accessed from <https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html> on December 5, 2022.

* Rates are per 100,000 population.

§ Rates not calculated for fewer than 11 events.

^ Includes entire ICD-10-CM diagnosis chapter for diseases of the circulatory system.

~ Includes Primary Hypertension.

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North Central Region, 2020



Communicable Disease



Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
Ages 40-49	13.3%	12.4%
Ages 50-59	12.4%	12.2%
Ages 60-69	11.1%	10.8%
Ages 70-79	7.1%	6.7%
Ages 80+	4.0%	3.8%
White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL) [†]	9.3%	10.9%

Health Outcomes ^{2, 3, 4, 5, 6}	North Central Region		County	
	Number	Rate*	Number	Rate*
Tuberculosis	28.0	4.2	192.0	5.8
Chlamydia Reported	2,869.0	429.4	18,170.0	545.4
Gonorrhea Reported	830.0	124.2	6,060.0	181.9
Primary and Secondary Syphilis Reported	181.0	27.1	1,118.0	33.6
Deaths				
Influenza (Flu) and Pneumonia	46	6.9	297	8.9
Hospitalizations				
Influenza	118	17.7	826	24.8
Pneumonia	387	57.9	2,642	79.3
Emergency Department Discharges				
Influenza	1,235	184.8	9,765	293.1
Pneumonia	618	92.5	4,775	143.3
Health Behaviors & Related Health Factors⁷ (2020)	North Central Region (%)		County (%)	
Has had Flu Vaccination in Past 12 Months (ages 18+)	—		53.9%	
Access and Utilization⁸ (2018-2020)	North Central Region (%)		County (%)	
No Usual Source of Care (ages 18-64)	18.4%		15.3%	
Uninsured All or Part of Year (ages 18-64)	10.2%		14.6%	
Visited Emergency Room in the Past Year (ages 18-64)	15.6%		17.4%	

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Sources

1. San Diego Association of Governments (SANDAG) Population Estimates, 2020 (vintage: 09/2022). Population estimates were derived using the 2010 Census and data should be considered preliminary.
2. County of San Diego, Health & Human Services Agency, Tuberculosis Control Program, County TB Registry; SANDAG, Current Population Estimates, released 09/2022.
3. County of San Diego, Health & Human Services Agency, HIV, STD and Hepatitis Branch, Morbidity Database; SANDAG, Current Population Estimates, released 09/2022.
4. California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2020.
5. California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020.
6. California Department of Health Care Access and Information (HCAI), Emergency Department Data, 2020.
7. Centers for Disease Control and Prevention (CDC), Behavioral Risk Factor Surveillance System Survey (BRFSS) Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2020.
8. UCLA Center for Health Policy Research, California Health Interview Survey (CHIS), 2018-2020.

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— Data are unavailable.

San Diego County Health Briefs

North Central Region, 2020



Maternal & Child Health



Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
Ages 40-49	13.3%	12.4%
Ages 50-59	12.4%	12.2%
Ages 60-69	11.1%	10.8%
Ages 70-79	7.1%	6.7%
Ages 80+	4.0%	3.8%
White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL)†	9.3%	10.9%

Health Outcomes ^{2, 3, 4}	North Central Region			County	
	Number	% of Region	% of County	Number	(%)
Live Births	6,592	100.0%	17.7%	37,159	100.0%
Live Births to Teens, Ages 15-17	8	0.1%	4.1%	196	0.5%
Live Births with Early Prenatal Care, % of Known Prenatal Care	6,065	92.2%	18.4%	32,891	88.8%
Live Births born Preterm	522	7.9%	16.4%	3,180	8.6%
Low Birth Weight Births	444	6.7%	17.8%	2,493	6.7%
Very Low Birth Weight Births	63	1.0%	15.6%	403	1.1%

Health Outcomes ³	Number	Rate*	Number	Rate*
Infant Mortality, Rate per 1,000 live births (2019)	21	3.2	119	3.2

Access and Utilization ⁵ (2018-2020)	North Central Region (%)	County (%)
No Usual Source of Care (ages 18-64)	18.4%	15.3%
Uninsured All or Part of Year (ages 18-64)	10.2%	14.6%
Visited Emergency Room in the Past Year (ages 18-64)	15.6%	17.4%
Currently Receiving Supplemental Security Income (SSI) (adults, up to 200% of FPL) (2019-2020)	**	11.3%
Currently Receiving TANF or CalWORKS (all ages, up to 200% of FPL) (2019-2020)	**	6.2%

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San Diego County Health Briefs

North Central Region, 2020



Maternal & Child Health

Access and Utilization continued ⁵ (2018-2020)	North Central Region (%)	County (%)
Children Age 6 and Under Currently on WIC (up to 200% FPL) (2019-2020)	—	45.6%
Residents Receiving Food Stamps (all ages, up to 200% FPL) (2019-2020)	**	20.8%
Women Below 200% FPL (ages 18-64)	26.1%	32.4%
Health Behaviors continued ⁵ (2018-2020)	North Central Region (%)	County (%)
Adults Under 200% FPL Unable to Afford Enough Food	38.5%	34.7%
Rated Overall Health as Fair or Poor (18+)	9.4%	14.4%
Children Who Eat Less Than 5 Servings of Fruits and Vegetables Daily (ages 2-11)	56.4%	65.9%
Women with a High School Degree or Less Education (ages 25+)	16.5%	29.1%
Child Attends Preschool, Nursery school, or Head Start Program At Least 10 hrs/wk (ages <6)	**	16.5%
Agree or Strongly Agree that People in Neighborhood can be Trusted (ages 12-17)	**	89.8%
No Dental Insurance Coverage in the Past Year (ages 3-11)	**	11.0%

Sources

- San Diego Association of Governments (SANDAG) Population Estimates, 2020 (vintage: 09/2022). Population estimates were derived using the 2010 Census and data should be considered preliminary.
- State of California, Department of Public Health (CDPH), Center for Health Statistics and Informatics, Birth Statistical Master Files and Birth Public Use Files, 2020.
- State of California, Department of Public Health (CDPH), Center for Health Statistics and Informatics, Birth and Fetal Death Statistical Master Files, 2020.
- State of California, Department of Public Health (CDPH), Center for Health Statistics and Informatics, Birth Cohort Statistical Master Files, 2020.
- UCLA Center for Health Policy Research, California Health Interview Survey (CHIS), 2018-2020.

† Source: U.S. Census Bureau; 2016-2020 American Community Survey 5-Year Estimates, Table B17024.

-Federal Poverty Level Thresholds for 2020 (\$13,171 for single person, \$26,246 for four-person-family [2 adults with 2 related children under 18 years]) per the U.S. Census Bureau, "Poverty Thresholds," accessed from <https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html> on December 5, 2022.

* Rates are per 1,000 population.

** Indicates statistically unstable estimate.

— Data are unavailable.

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San Diego County Health Briefs

North Central Region, 2020



Injury



Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
Ages 40-49	13.3%	12.4%
Ages 50-59	12.4%	12.2%
Ages 60-69	11.1%	10.8%
Ages 70-79	7.1%	6.7%
Ages 80+	4.0%	3.8%
White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL)†	9.3%	10.9%

Health Outcomes ^{2, 3, 4, 5}	North Central Region		County	
	Number	Rate*	Number	Rate*
Unintentional Injury (All Causes)				
Death	225	33.7	1,513	45.4
Hospitalization	4,932	738.1	28,144	844.8
Emergency Department Discharge	20,149	3,015.40	130,940	3930.6
Fall-Related Injury				
Death	63	9.4	360	10.8
Hospitalization	2,403	359.6	13,168	395.3
Emergency Department Discharge	8,663	1,296.5	52,870	1,587.1
Poisoning				
Death	110	16.5	733	22.0
Hospitalization	381	57	2,475	74.3
Emergency Department Discharge	846	126.6	5,742	172.4
Motor Vehicle Injuries				
Deaths due to Motor Vehicle (MV) Injury Collision	29	4.3	301	9.04
Hospitalizations due to MV Injury Collision	336	50.3	2,144	64.4
Emergency Department Discharges due to MV Injury Collision	1,668	249.6	12,952	388.8
Injuries due to MV Injury Collision (2019) ⁵	3,682	550.4	19,928	594.5

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San Diego County Health Briefs

North Central Region, 2020



Injury

Health Outcomes continued ^{2, 3, 4, 5}	North Central Region		County	
	Number	Rate*	Number	Rate*
Pedestrian Injuries				
Deaths due to Motor Vehicle (MV) Injury Collision	<11	§	78	2.3
Hospitalizations due to MV Injury Collision	41	6.1	238	7.1
Emergency Department Discharges due to MV Injury Collision	93	13.9	609	18.3
Injuries due to MV Injury Collision (2019) ⁵	221	33.0	1,196	35.7
Assault				
Homicide	14	2.1	110	3.3
Hospitalization	91	13.6	870	26.1
Emergency Department Discharge	759	113.6	6,066	182.1
Suicide (or Suicide Attempt)				
Suicide	64	9.6	391	11.7
Hospitalization	121	18.1	659	19.8
Emergency Department Discharge	1,047	156.7	7,121	213.8
Firearm-Related Injuries				
Death	29	4.3	213	6.4
Hospitalization	<11	§	165	5.0
Emergency Department Discharge	<11	§	152	4.6
Access and Utilization⁶ (2018-2020)				
	North Central Region (%)		County (%)	
No Usual Source of Care (ages 18-64)	18.4%		15.3%	
Uninsured All or Part of Year (ages 18-64)	10.2%		14.6%	
Visited Emergency Room in the Past Year (ages 18-64)	15.6%		17.4%	
Health Behaviors⁵ (2019)				
	North Central Region		County	
	Number	Rate*	Number	Rate*
Alcohol-Involved MV Injury Collisions	445	66.5	2,518	75.1
Drinking Drivers Involved in MV Injury Collisions	340	50.8	1,756	52.4
Health Behaviors^{5,6,7} (2018-2020)				
	North Central Region (%)		County (%)	
Ever Seriously Thought About Committing Suicide (ages 18+)	17.8%		15.3%	
Binge Drinking in Past 30 Days (ages 18+) (2020)	—		16.8%	

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North Central Region, 2020



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2. California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2020.
3. California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020.
4. California Department of Health Care Access and Information (HCAI), Emergency Department Data, 2020.
5. California Highway Patrol data from Transportation Injury Mapping System (TIMS), accessed 12/20/2021. The location (city or unincorporated county area) is based on reports filed by law enforcement report and may not contain specific geographic coordinates.

-Data pertains to motor vehicle collisions that occurred on public roads, where at least one victim was injured/killed. Geographic location pertains to where the collision occurred.
6. UCLA Center for Health Policy Research, California Health Interview Survey (CHIS), 2018-2020.
7. Centers for Disease Control and Prevention (CDC), Behavioral Risk Factor Surveillance System Survey (BRFSS) Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2020.

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— Data are unavailable.

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San Diego County Health Briefs

North Central Region, 2020



Behavioral Health



Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
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White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL)†	9.3%	10.9%

Health Outcomes ^{2, 3, 4}	North Central Region		County	
	Number	Rate*	Number	Rate*
Schizophrenia				
Hospitalization	28	4.2	242	7.3
Emergency Department Discharge	489	73.2	4,154	124.7
In-Patient Treatment Facility Discharge	555	83.1	4,490	134.8
Suicide (or Suicide Attempt)				
Death	64	9.6	391	11.7
Hospitalization	121	18.1	659	19.8
Emergency Department Discharge	1,047	156.7	7,121	213.8
Mood Disorders				
Hospitalization	16	2.4	162	4.9
Emergency Department Discharge	528	79	3,159	94.8
In-Patient Treatment Facility Discharge	1,270	190.1	6,798	204.1
Depression				
Hospitalization	<11	§	117	3.5
Emergency Department Discharge	311	46.5	2,005	60.2
In-Patient Treatment Facility Discharge	759	113.6	4,122	123.7
Alcohol-Related Disorders~				
Death	71	10.6	487	14.6
Hospitalization	288	43.1	1,718	51.6
Emergency Department Discharge	1,390	208	7,282	218.6
In-Patient Treatment Facility Discharge	428	64.1	1,639	49.2

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San Diego County Health Briefs

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Behavioral Health

Health Outcomes continued ^{2, 3, 4}	North Central Region		County	
	Number	Rate*	Number	Rate*
Substance-Related Disorders~				
Death	<11	§	49	1.5
Hospitalization	30	4.5	221	6.6
Emergency Department Discharge	541	81	3,484	104.6
In-Patient Treatment Facility Discharge	125	18.7	640	19.2
Opioid-Related Disorders~				
Hospitalization	<11	§	96	2.9
Emergency Department Discharge	180	26.9	1,091	32.8
In-Patient Treatment Facility Discharge	54	8.1	322	9.7
Cannabis-Related Disorders~				
Hospitalization	<11	§	29	0.9
Emergency Department Discharge	101	15.1	561	16.8
In-Patient Treatment Facility Discharge	<11	§	37	1.1
Opioid Overdose				
Multiple Cause of Death	87	13	528	15.8
Sedative Overdose				
Multiple Cause of Death	33	4.9	147	4.4
Stimulant Overdose				
Multiple Cause of Death	58	8.7	477	14.3
Mental Health Behaviors & Related Health Factors⁵ (2018-2020)		North Central Region (%)	County (%)	
Likely Has Had Serious Psychological Distress During Past Year (ages 18+)		15.3%	12.1%	
Likely Has Had Serious Psychological Distress During Past Month (ages 18+)		6.4%	5.8%	
Emotions Severely Impaired Social Life in Past 12 Months (ages 18+)		13.8%	10.1%	
Emotions Severely Impaired Work in Past 12 Months (ages 18+)		9.8%	6.7%	
Unable to Work 8 Days or More Due to Mental Problems (ages 18+ with psychological distress)		55.4%	57.8%	
Saw Any Healthcare Provider for Emotional-Mental and/or Alcohol-Drug Issues in Past Year (ages 18+)		20.2%	17.7%	
Has Taken Prescription Medicine for 2 or More Weeks for Emotional/ Mental Health Issues in Past Year (ages 18+)		12.6%	12.0%	
Ever Seriously Thought About Committing Suicide (ages 18+)		17.8%	15.3%	
Substance Abuse Health Behaviors & Related Health Factors^{5,6,7} (2018-2020)		North Central Region (%)	County (%)	
Ever Tried Marijuana or Hashish (ages 18+)		59.1%	53.6%	
Binge Drinking in Past 30 Days (ages 18+) (2020)		—	16.8%	
Binge Drinking in Past 30 Days (11th grade) (2019-2021)		—	6.0%	

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6. Centers for Disease Control and Prevention (CDC), Behavioral Risk Factor Surveillance System Survey (BRFSS) Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2020.
7. California Department of Education, California Healthy Kids Survey (CHKS), 2019-2021.

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~Related Disorders groups contain specific abuse, dependence, use, and poisoning ICD-10 codes.

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North Central Region, 2020

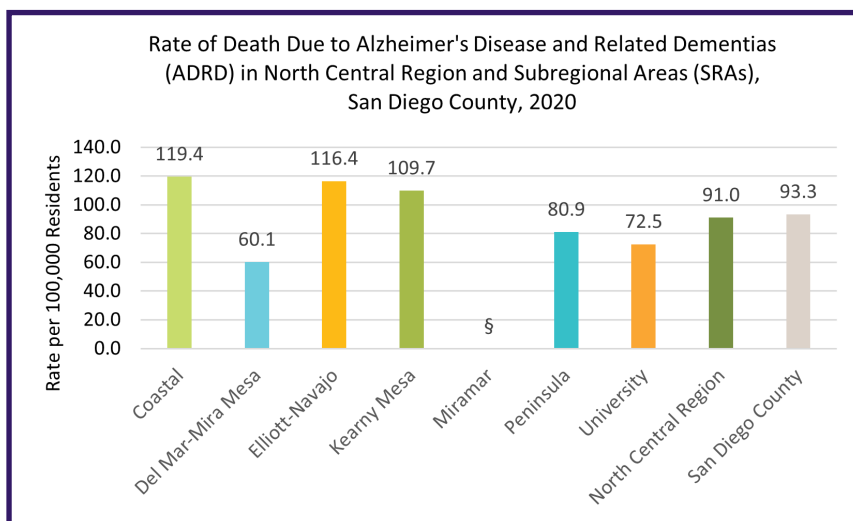


Demographics ¹	North Central Region (%)	County (%)
Ages 0-9	11.9%	13.1%
Ages 10-19	12.5%	13.7%
Ages 20-29	13.2%	14.1%
Ages 30-39	14.4%	13.2%
Ages 40-49	13.3%	12.4%
Ages 50-59	12.4%	12.2%
Ages 60-69	11.1%	10.8%
Ages 70-79	7.1%	6.7%
Ages 80+	4.0%	3.8%
White	55.2%	46.0%
Black	3.5%	4.8%
Hispanic	19.5%	34.2%
Asian/Pacific Islander	17.5%	11.0%
Other	4.3%	4.1%
Households with income less than 100% Federal Poverty Level (FPL) [†]	9.3%	10.9%

Health Outcomes ^{2, 3, 4}	North Central Region		County	
	Number	Rate*	Number	Rate*
Alzheimer's Disease and Related Dementias (ADRD)				
Death	608	91	3,108	93.3
Hospitalization	119	17.8	611	18.3
Emergency Department Discharge	118	17.7	726	21.8

Alzheimer's Disease and Related Dementias (ADRD) in North Central Region

- In San Diego County, North Central Region had a comparable rate of death due to Alzheimer's Disease and Related Dementias (ADRD) compared to the county overall in 2020, with a rate of 91.0 deaths per 100,000 residents.
- Among North Central Region subregional areas (SRAs), Coastal SRA had the highest rate of death due to ADRD in 2020, with a rate of 119.4 deaths per 100,000 residents.



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Health Behaviors ⁵ (2018-2020)	North Central Region (%)	County (%)
Current Smoker (ages 18+)	5.5%	7.5%
Overweight/Obese (ages 18+)	47.5%	58.2%
Spent 5 or More Hours on Sedentary Activities on Typical Weekend Days (ages 2-11)	26.7%	38.5%
Rated Overall Health as Fair or Poor (18+)	9.4%	14.4%
Ever Diagnosed with High Blood Pressure (ages 18+)	16.7%	23.0%
(2019-2020)	16.7%	23.0%
Ever Diagnosed with Diabetes (ages 18+)	4.7%	8.8%
Ever Diagnosed with Asthma (all ages)	16.2%	14.9%

Sources

1. San Diego Association of Governments (SANDAG) Population Estimates, 2020 (vintage: 09/2022). Population estimates were derived using the 2010 Census and data should be considered preliminary.
2. California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2020.
3. California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020.
4. California Department of Health Care Access and Information (HCAI), Emergency Department Data, 2020.
5. UCLA Center for Health Policy Research, California Health Interview Survey (CHIS), 2018-2020.

† Source: U.S. Census Bureau; 2016-2020 American Community Survey 5-Year Estimates, Table B17024.

-Federal Poverty Level Thresholds for 2020 (\$13,171 for single person, \$26,246 for four-person-family [2 adults with 2 related children under 18 years]) per the U.S. Census Bureau, "Poverty Thresholds," accessed from <https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html> on December 5, 2022.

*Rates are per 100,000 population.

§ Rates not calculated for fewer than 11 events.