



# COMMUNITY HEALTH ASSESSMENT PRESENTATION: NORTH COUNTY

---

*Presented by Christopher O'Malley & Vidya Purushothaman*

*Presented to North County Community Leadership Team*

*County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit*

*June 7<sup>th</sup>, 2023*





# INTRODUCTION



LIVE WELL  
SAN DIEGO

WELCOME TO SAN DIEGO COUNTY, THE **2<sup>ND</sup> MOST POPULOUS COUNTY** IN CALIFORNIA  
AND **5<sup>TH</sup> MOST POPULOUS** IN THE UNITED STATES!

## ■ San Diego has:

- Just over 3.3 million residents.
- Majority minority population.
- Busiest land border crossing in the world – 1 of every 13 people who enter US come through San Ysidro.
- 70 miles of Coastline.
- 16 naval and military installations.
- 18 federally recognized Indian reservations.
- A total area of 4,526 square miles, larger than Rhode Island and Delaware combined.

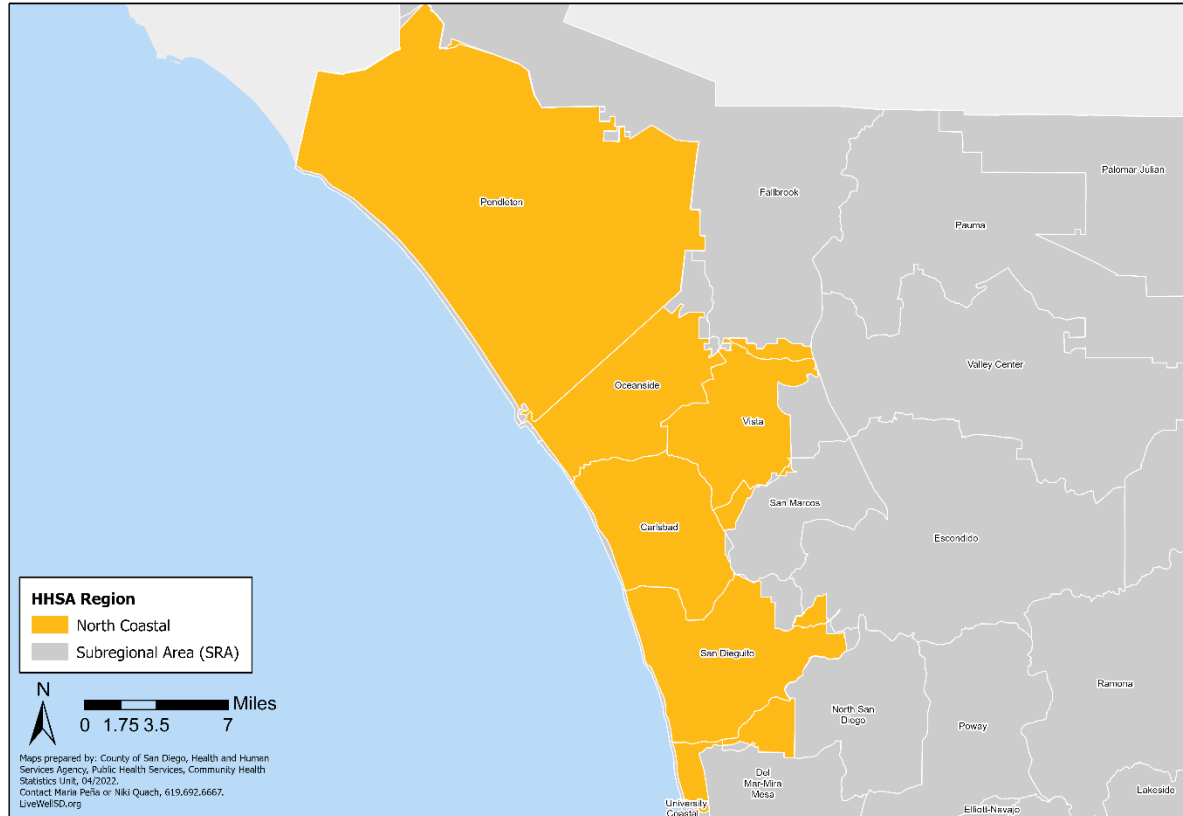




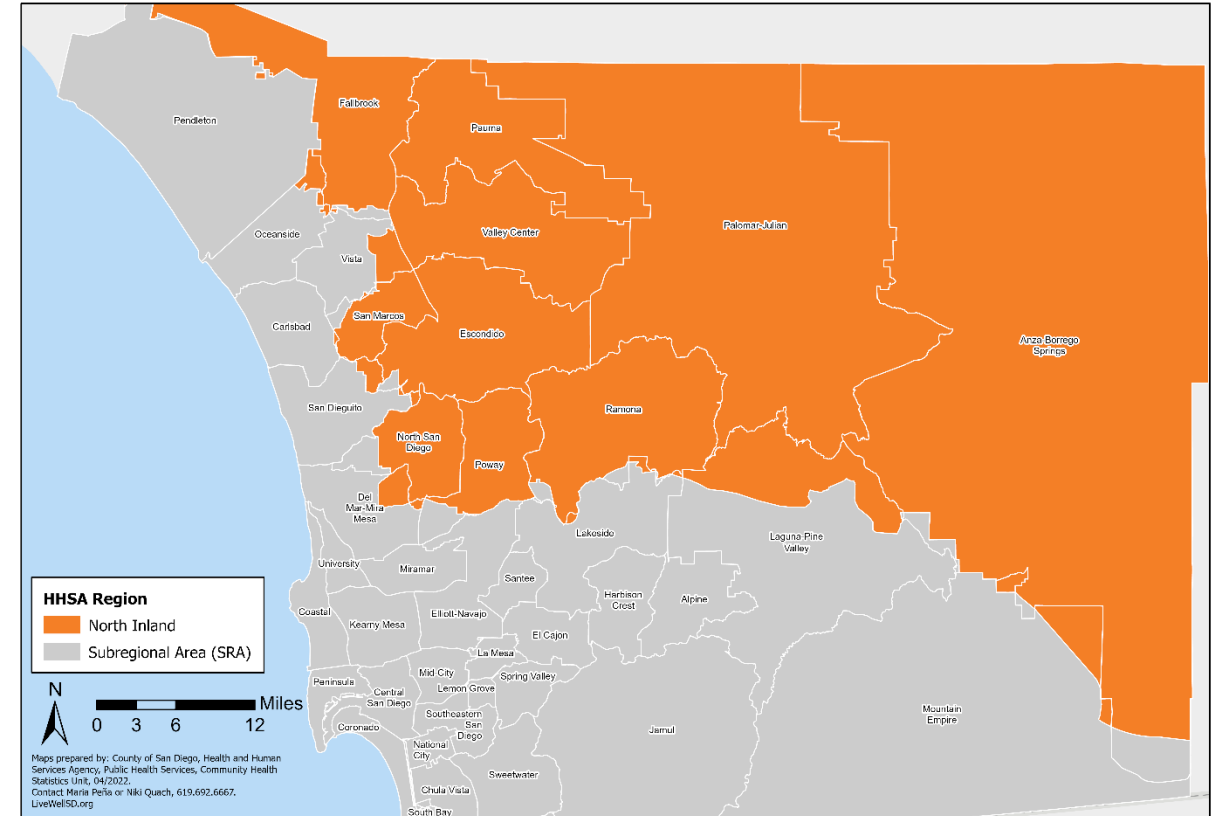
# GEOGRAPHIES



## San Diego County North Coastal Region and Subregional Area (SRA) Boundaries



## San Diego County North Inland Region and Subregional Area (SRA) Boundaries







# DEMOGRAPHICS

---



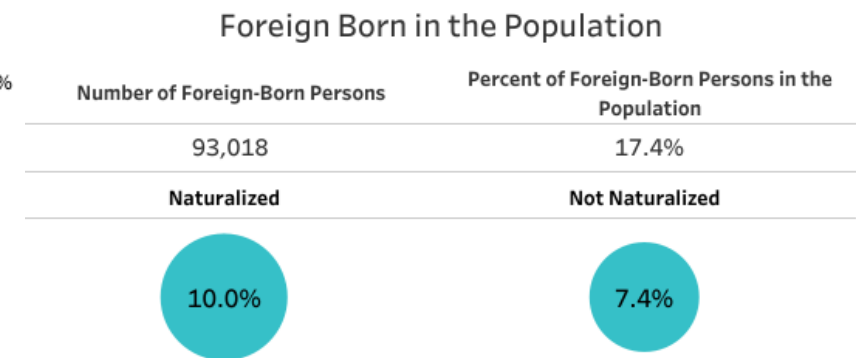
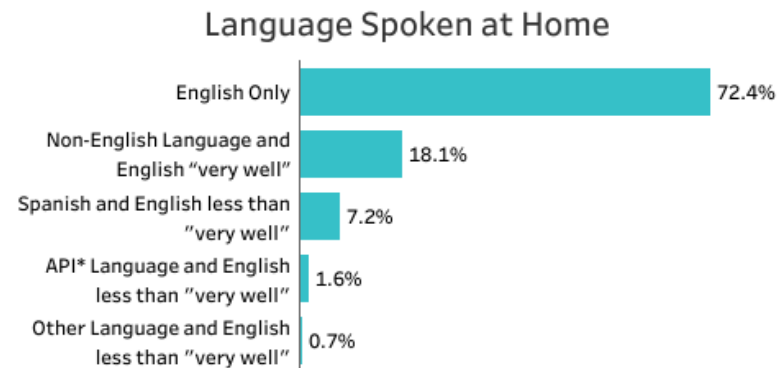
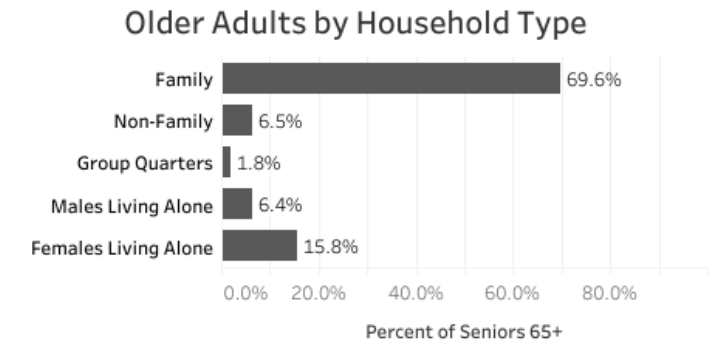
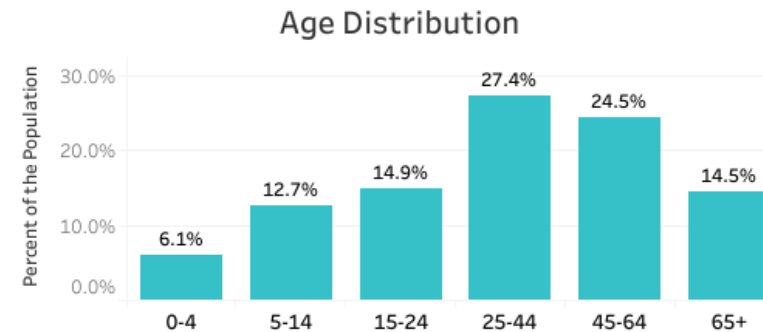
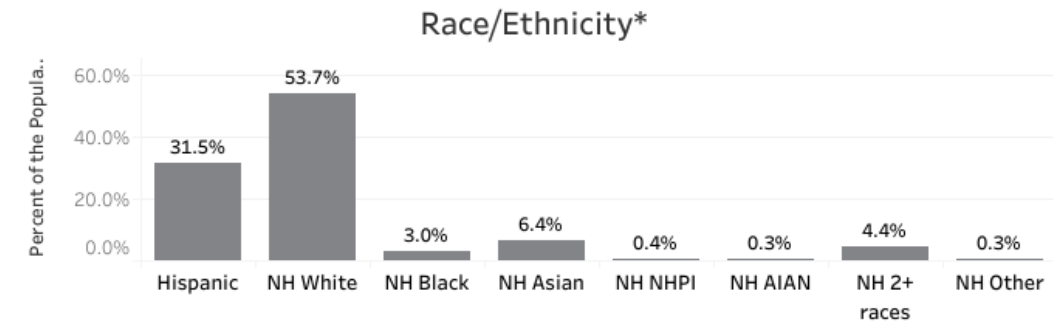
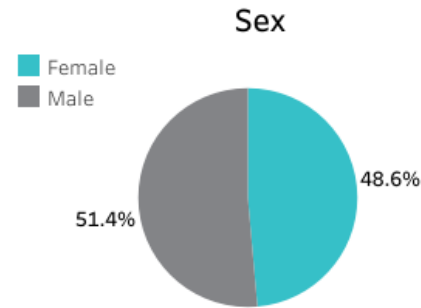
LIVE WELL  
SAN DIEGO



# DEMOGRAPHICS NORTH COASTAL REGION



**NORTH COASTAL REGION  
TOTAL POPULATION, 2021:**  
**533,978**

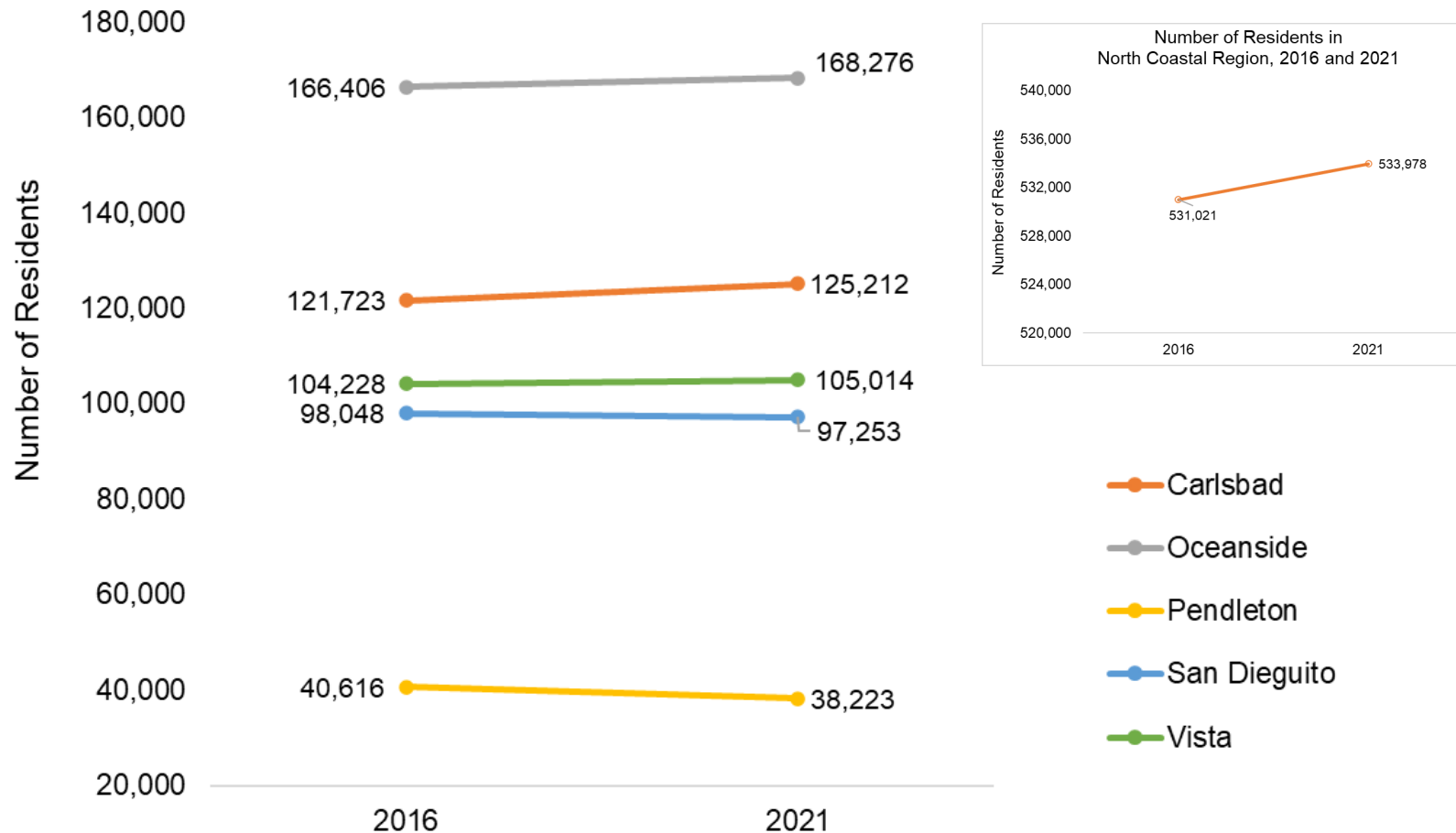




# POPULATION NORTH COASTAL REGION



**Number of Residents in North Coastal Region  
Subregional Areas (SRAs), 2016 and 2021**



**In 2021, North Coastal Region was home to 533,978 residents or 16.2% of San Diego County's population.**

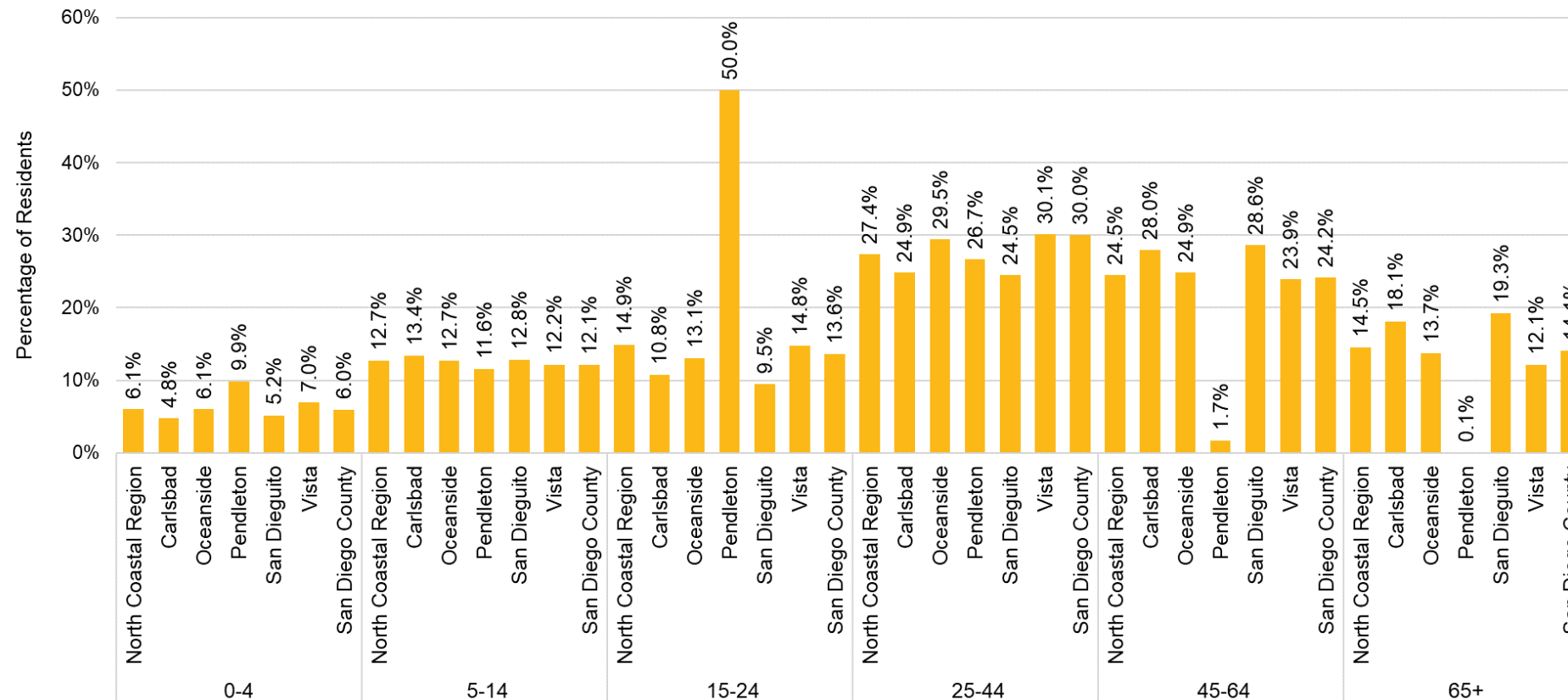
- Overall, the number of residents in North Coastal Region remained stable between 2016 and 2021, with an increase of 0.6%.
- The population living in Carlsbad SRA increased by nearly 3% from 2016 to 2021.
- Pendleton SRA experienced the greatest decrease in population in North Coastal Region (5.9%), between 2016 and 2021.



# DEMOGRAPHICS: AGE NORTH COASTAL REGION



**Population by Age Group in North Coastal Region Subregional Areas (SRAs), 2021**



**In 2021, over one-fourth (27.4%) of North Coastal Region residents were aged 25-44 years and another one-fourth (24.5%) were aged 45-64 years.**

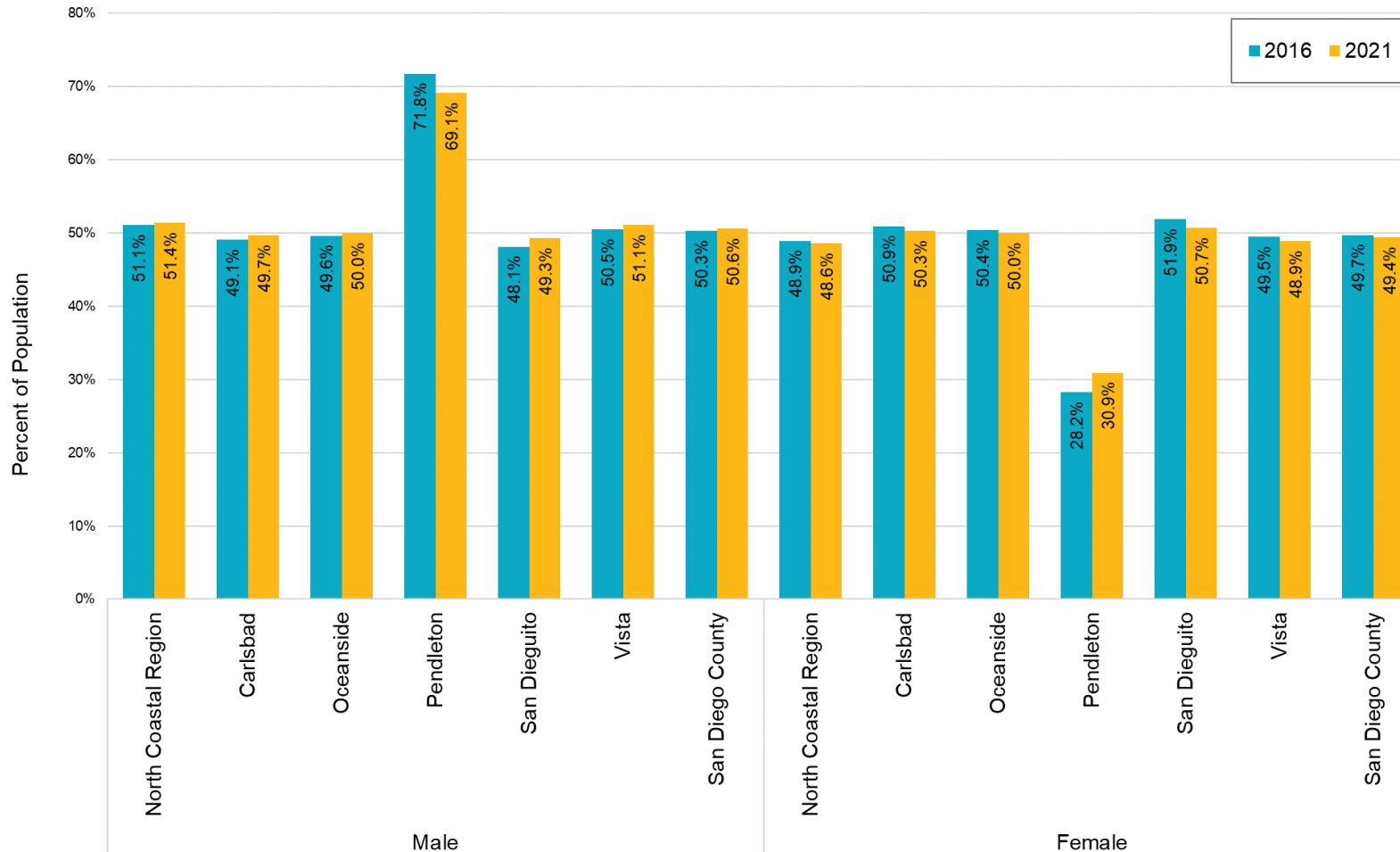
- Between 2016 and 2021, North Coastal Region and all its SRAs saw increases in the number of residents aged 65+.
- Between 2016 and 2021, North Coastal Region and its SRAs saw increases in the number of residents aged 25-44, except Pendleton (3.7% decrease) and San Dieguito (5.6% decrease).



# DEMOGRAPHICS: SEX NORTH COASTAL REGION



Population by Sex in North Coastal Region and its Subregional Areas (SRAs), 2016 and 2021



**In 2021, 51.4% of North Coastal Region residents were males, and 48.6% were females.**

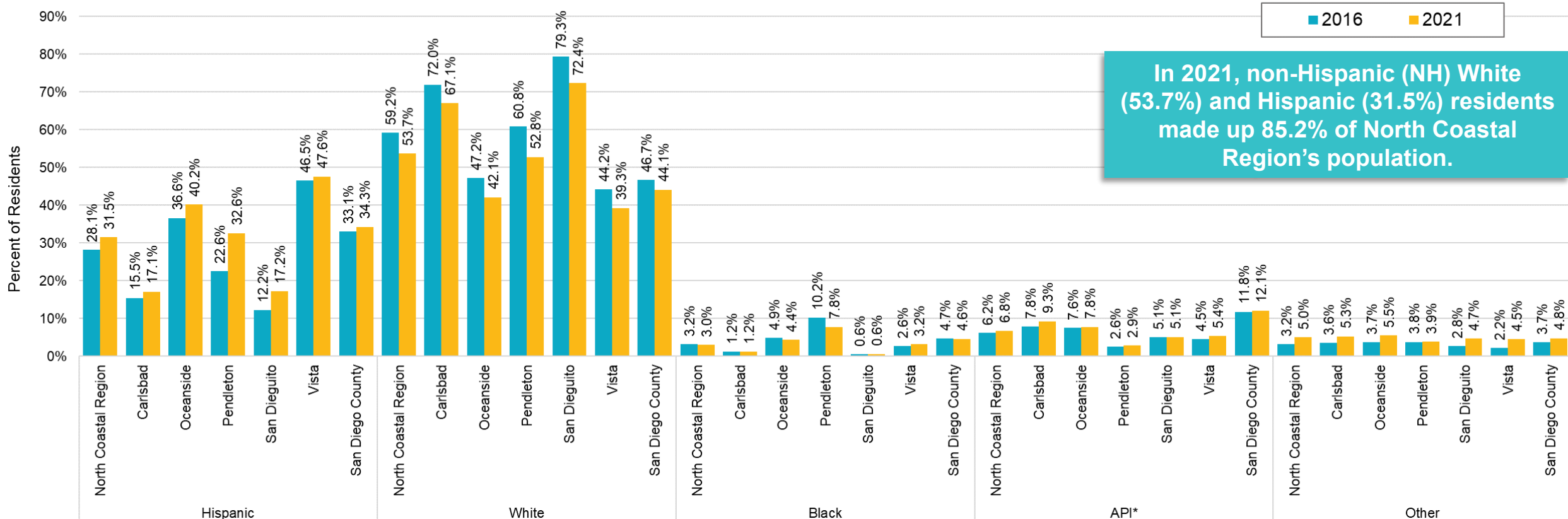
- Between 2016 and 2021, North Coastal Region and its communities, except Pendleton, saw a slight increase in the percentage of male residents.
- Among North Coastal Region SRAs, Pendleton had the highest percentage of males (69.1%) and San Dieguito had the highest percentage of females (50.7%) in 2021.



# DEMOGRAPHICS: RACE/ETHNICITY NORTH COASTAL REGION



**Percent of Residents by Race/Ethnicity in North Coastal Region  
and its Subregional Areas (SRAs), 2016 and 2021**



- Between 2016 and 2021, the number of Hispanic, API, and Other race/ethnicity residents increased in North Coastal Region, while the number of NH White and NH Black residents decreased.
- In North Coastal Region, Vista SRA saw the highest increase in the number of Other race/ethnicity residents (110.8% increase).

\*Asian Pacific/Islander. Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table B03002; 2017-2021 American Community Survey 5-Year Estimates, Table B03002. Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.



# LABOR FORCE BY OCCUPATIONS NORTH COASTAL REGION



2016						
Geography	Employed Population, 16+	Management	Service	Sales and Office	Construction	Production
<b>North Coastal Region</b>	<b>232,965</b>	<b>41.8%</b>	<b>18.1%</b>	<b>23.4%</b>	<b>7.5%</b>	<b>9.2%</b>
Carlsbad	57,072	52.0%	14.6%	24.0%	4.2%	5.3%
Oceanside	75,787	33.6%	21.6%	24.8%	8.5%	11.4%
Pendleton	4,018	43.3%	14.6%	21.1%	12.4%	8.5%
San Dieguito	47,385	58.0%	12.7%	21.6%	3.7%	4.0%
Vista	48,703	26.9%	22.1%	22.4%	13.3%	15.2%
<b>San Diego County</b>	<b>1,495,776</b>	<b>41.0%</b>	<b>19.6%</b>	<b>23.3%</b>	<b>7.7%</b>	<b>8.5%</b>
2021						
Geography	Civilian employed population 16+	Management, business, science, and arts occupations	Service occupations	Sales and office occupations	Natural resources, construction, and maintenance occupations	Production, transportation, and material moving occupations
<b>North Coastal Region</b>	<b>245,267</b>	<b>43.5%</b>	<b>18.0%</b>	<b>21.1%</b>	<b>7.4%</b>	<b>9.9%</b>
Carlsbad	59,563	54.6%	14.3%	20.0%	4.6%	6.4%
Oceanside	83,269	35.1%	20.6%	22.0%	8.4%	13.8%
Pendleton	4,238	36.0%	21.9%	27.9%	5.9%	8.3%
San Dieguito	46,018	59.6%	12.6%	19.2%	4.4%	4.2%
Vista	52,179	30.7%	22.6%	21.8%	11.8%	13.1%
<b>San Diego County</b>	<b>1,572,927</b>	<b>44.3%</b>	<b>18.2%</b>	<b>20.3%</b>	<b>7.4%</b>	<b>9.8%</b>

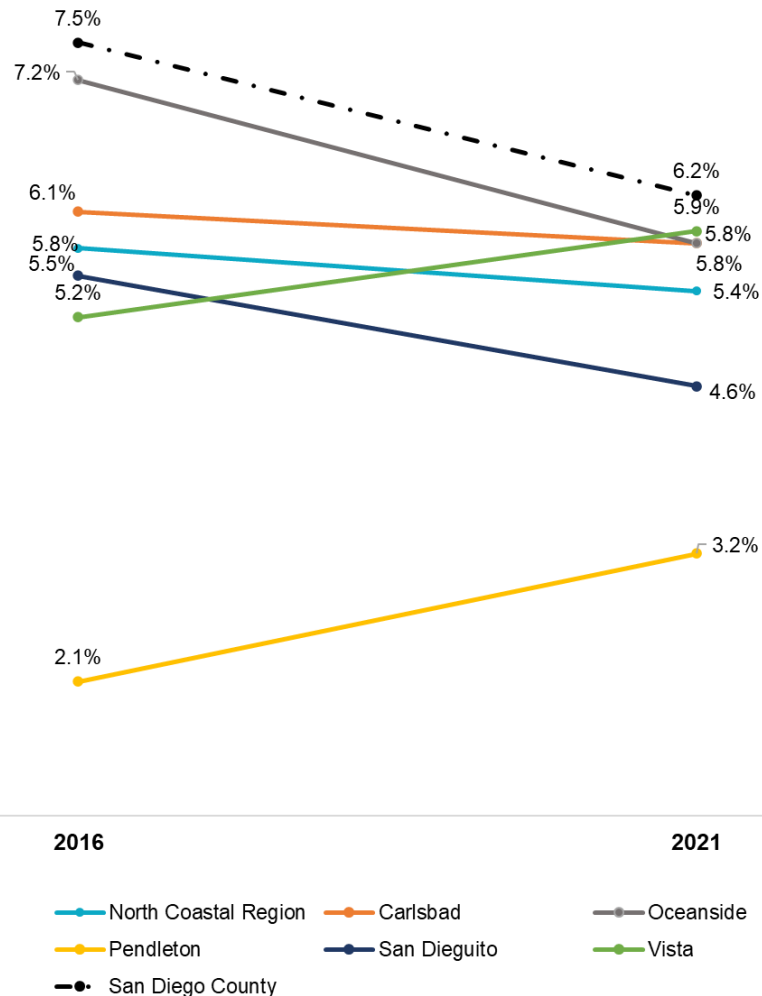
- In 2021, the occupations with the highest percent of employed persons 16 years and older in North Coastal Region and its communities were management, business, science, and arts and sales and office occupations.
- Between 2016 and 2021, the proportion of employed persons 16 years and older in management, business, science, and arts and the production, transportation, and material moving occupations increased in North Coastal Region.



# UNEMPLOYMENT NORTH COASTAL REGION



Average Percent of Unemployment, North Coastal Region and its Subregional Areas (SRAs), 2012-2016 and 2017-2021



In North Coastal Region, the percent of unemployed residents, 16 years and older, decreased from 5.8% in 2016 to 5.4% in 2021.

- North Coastal Region had a lower percent of unemployment than the county overall from 2016-2021.
- Among North Coastal Region SRAs, Vista had the highest percent of unemployment (5.9%), followed by Oceanside and Carlsbad (5.8% each) in 2021.
- Between 2016 and 2021, the percent of unemployment decreased across all North Coastal Region SRAs, except Pendleton and Vista.

\*Percent unemployed was derived from the number of unemployed persons out of the 16 year and older eligible labor force. Eligible labor force includes employed civilians, unemployed, and persons in the armed forces.

Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table DP03; 2017-2021 American Community Survey 5-Year Estimates, Table DP03.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.

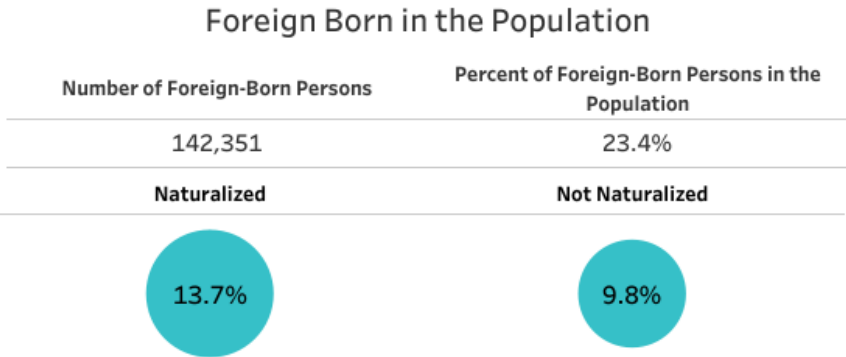
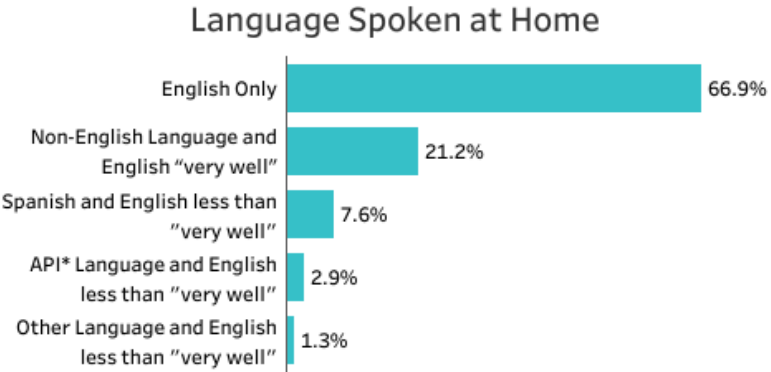
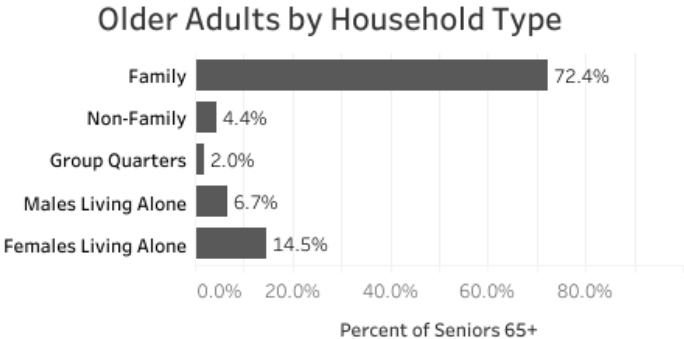
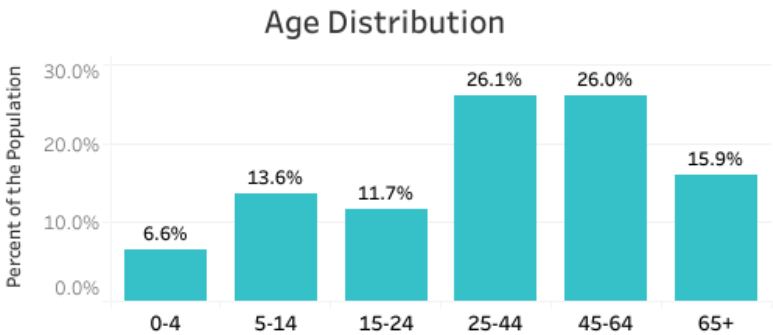
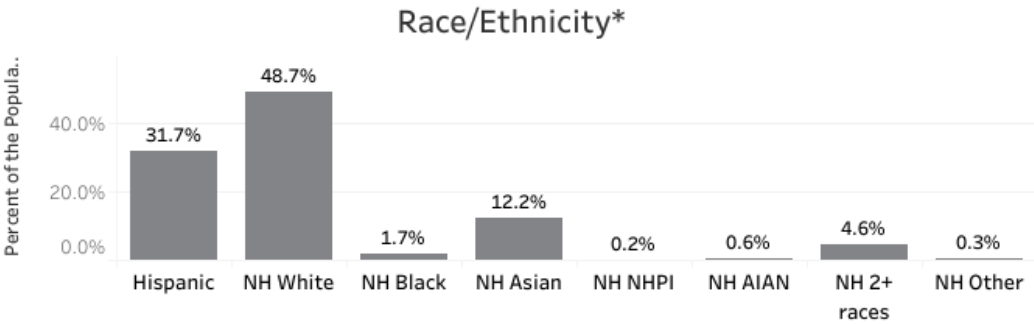
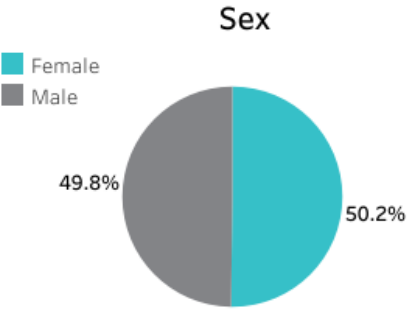


# DEMOGRAPHICS

## NORTH INLAND REGION



**NORTH INLAND REGION**  
**TOTAL POPULATION, 2021:**  
**607,268**



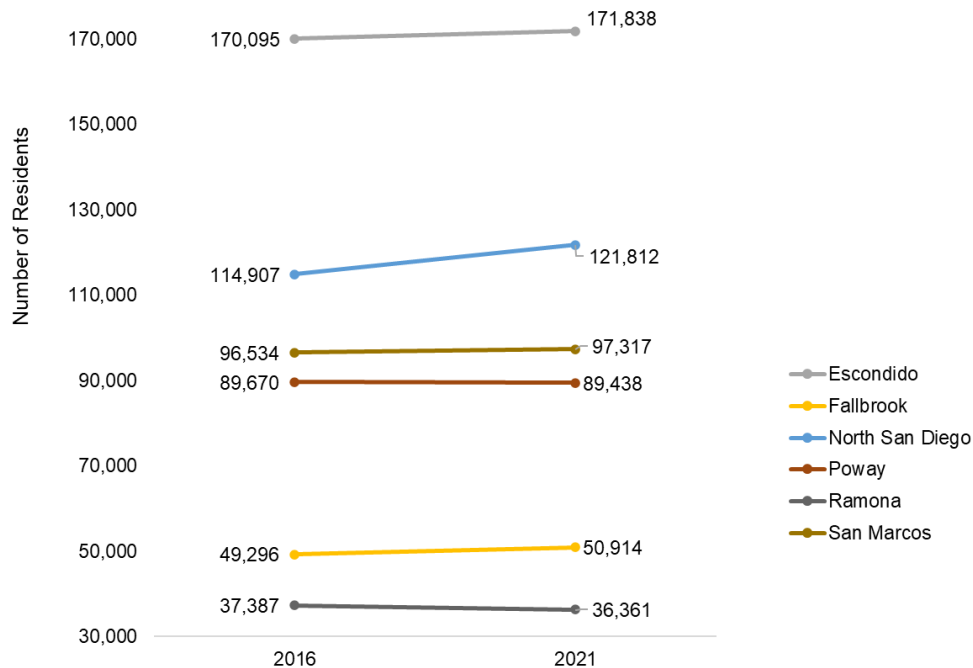
Source: U.S. Census Bureau, 2017-2021 American Community Survey (ACS) 5-Year Estimates, Tables B01001, B03002, B09020, C16001, DP02. Prepared by County of San Diego, Health and Human Services Agency (HHSA), Public Health Services, Community Health Statistics Unit, 2023.



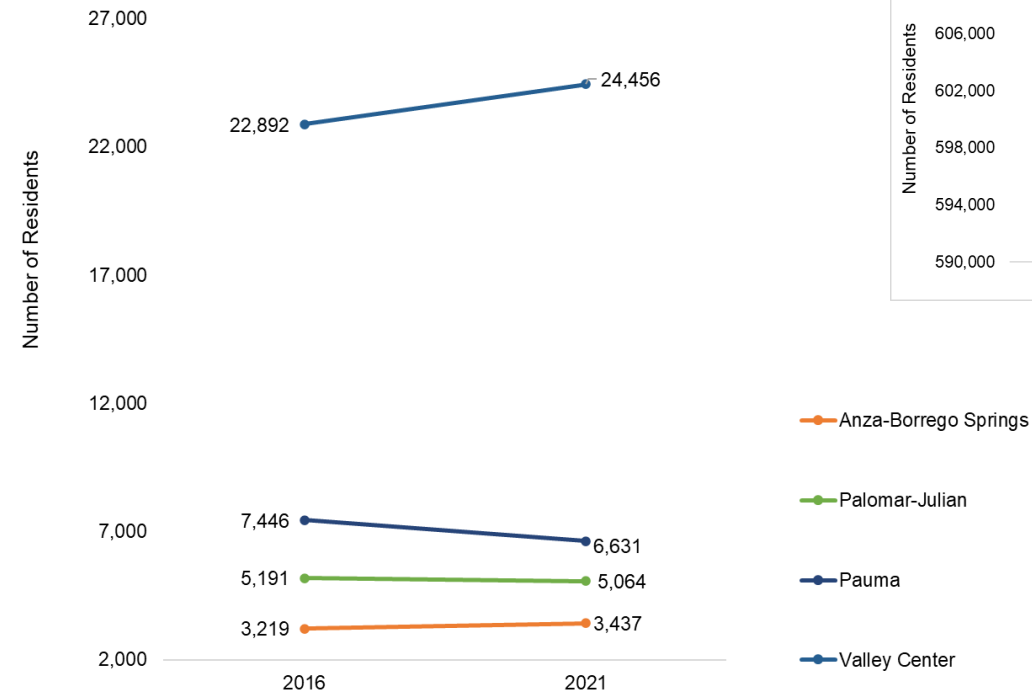
# POPULATION NORTH INLAND REGION



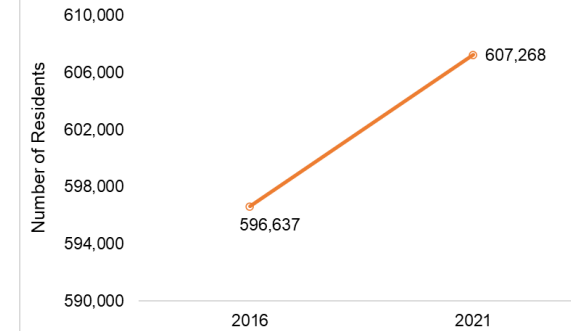
**Number of Residents in North Inland Region  
Subregional Areas (SRAs), 2016 and 2021**



**Number of Residents in North Inland Region  
Subregional Areas (SRAs), 2016 and 2021**



**Number of Residents in  
North Inland Region, 2016 and 2021**



**In 2021, North Inland Region was home to 607,268 residents or 18.4% of San Diego County's population.**

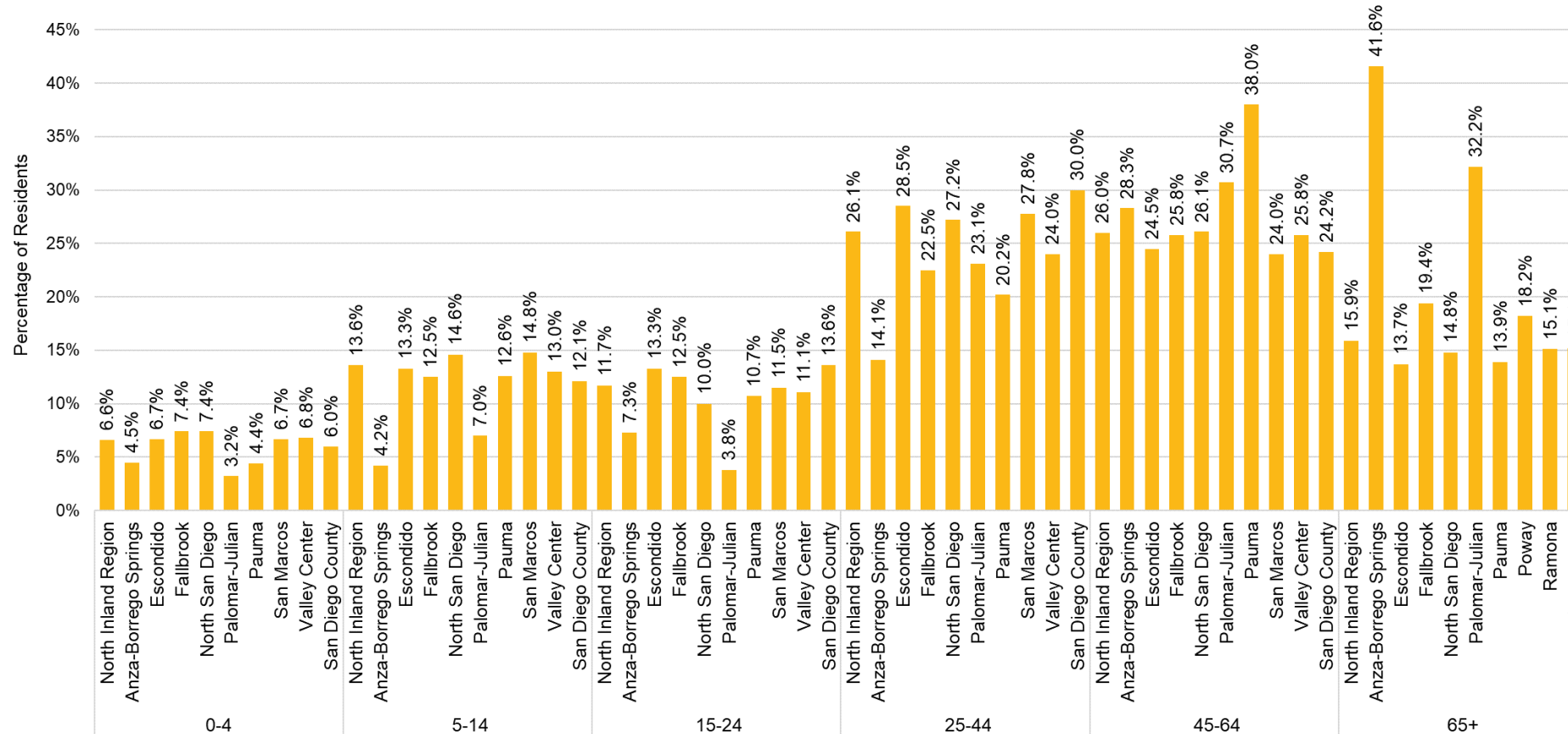
- Overall, the number of residents in North Inland Region remained stable between 2016 and 2021, with an increase of 1.8%.
- The population living in Anza-Borrego Springs and Valley Center SRAs increased by nearly 7% from 2016 to 2021. Pauma SRA experienced the greatest decrease in population in North Inland Region (10.9%), between 2016 and 2021.



# DEMOGRAPHICS: AGE NORTH INLAND REGION



**Population by Age Group in North Inland Region Subregional Areas (SRAs), 2021**



**In 2021, over one-fourth (26.1%) of North Inland Region residents were aged 25-44 years and another 26.0% were aged 45-64 years.**

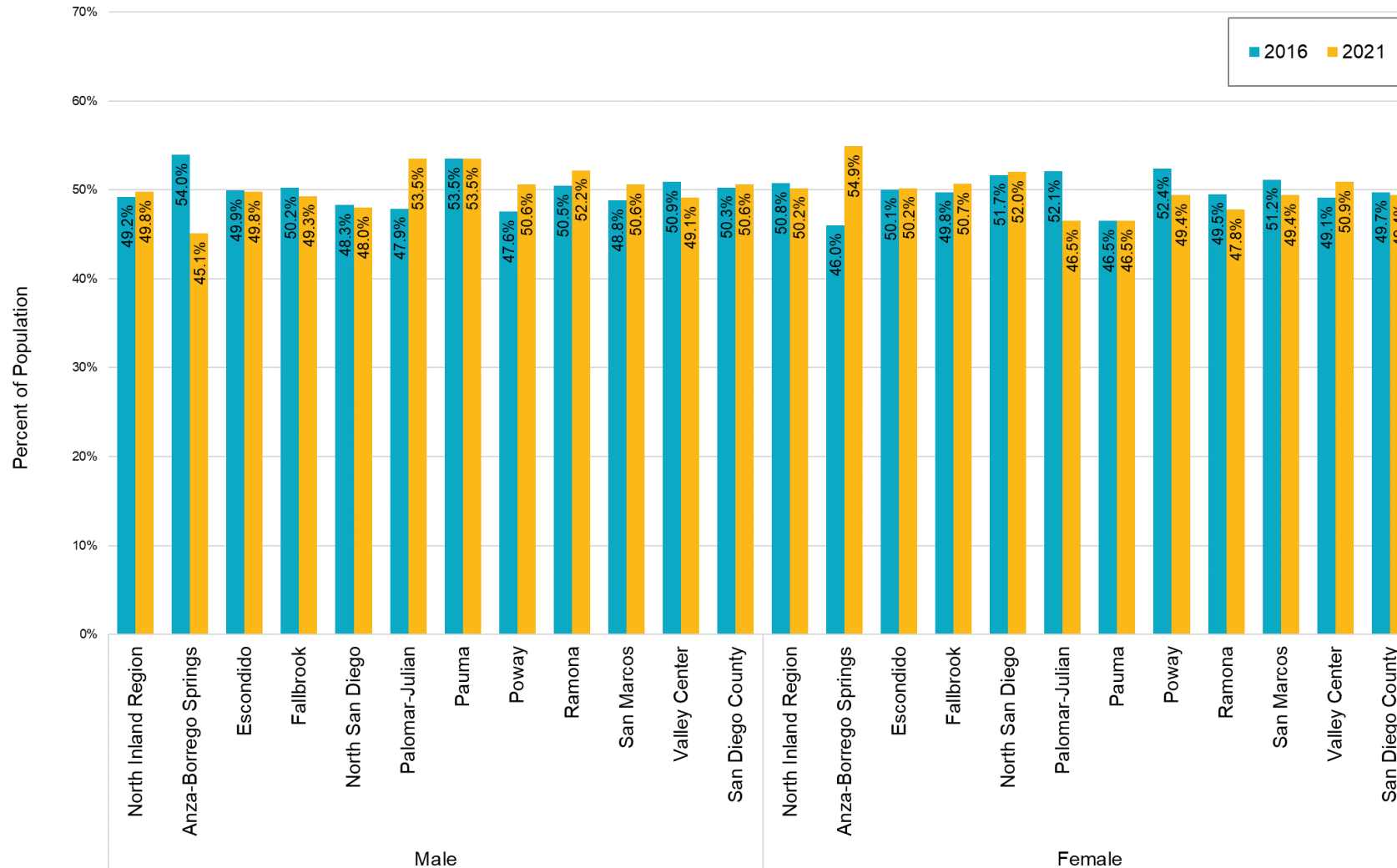
- Between 2016 and 2021, North Inland Region and all its SRAs saw increases in the number of residents aged 65+.
- Between 2016 and 2021, there was a 6.2% decrease in the population ages 15-24 years in North Inland Region.



# DEMOGRAPHICS: SEX NORTH INLAND REGION



Population by Sex in North Inland Region and its Subregional Areas (SRAs), 2016 and 2021



**In 2021, 50.2% of North Inland Region residents were females, and 49.8% were males.**

- Between 2016 and 2021, North Inland Region and its communities saw a slight increase in the percentage of male residents and a slight decrease in the percentage of female residents.
- Among North Inland Region SRAs, Palomar-Julian and Pauma had the highest percentage of males (53.5% in each) and Anza-Borrego Springs had the highest percentage of females (54.9%) in 2021.

Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table B01001; 2017-2021 American Community Survey 5-Year Estimates, Table B01001.  
Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.

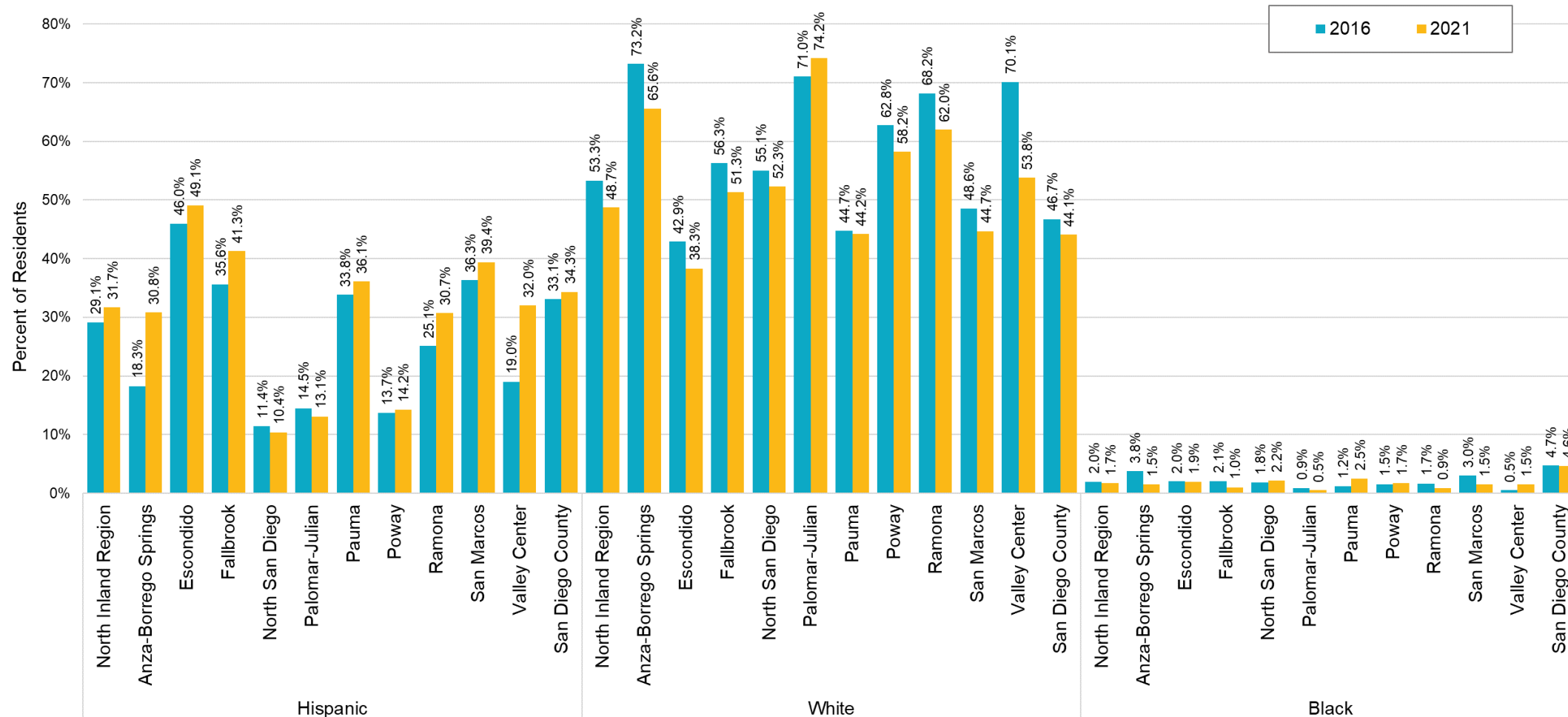


# DEMOGRAPHICS: RACE/ETHNICITY

## NORTH INLAND REGION



Percent of Residents by Race/Ethnicity in North Coastal Region and its Subregional Areas (SRAs), 2016 and 2021



In 2021, non-Hispanic (NH) White (48.7%) and Hispanic (31.7%) residents made up 80.4% of North Inland Region's population.

In North Inland Region, Valley Center SRA saw the highest increase in the number of non-Hispanic (NH) Black race/ethnicity residents (211.4% increase).

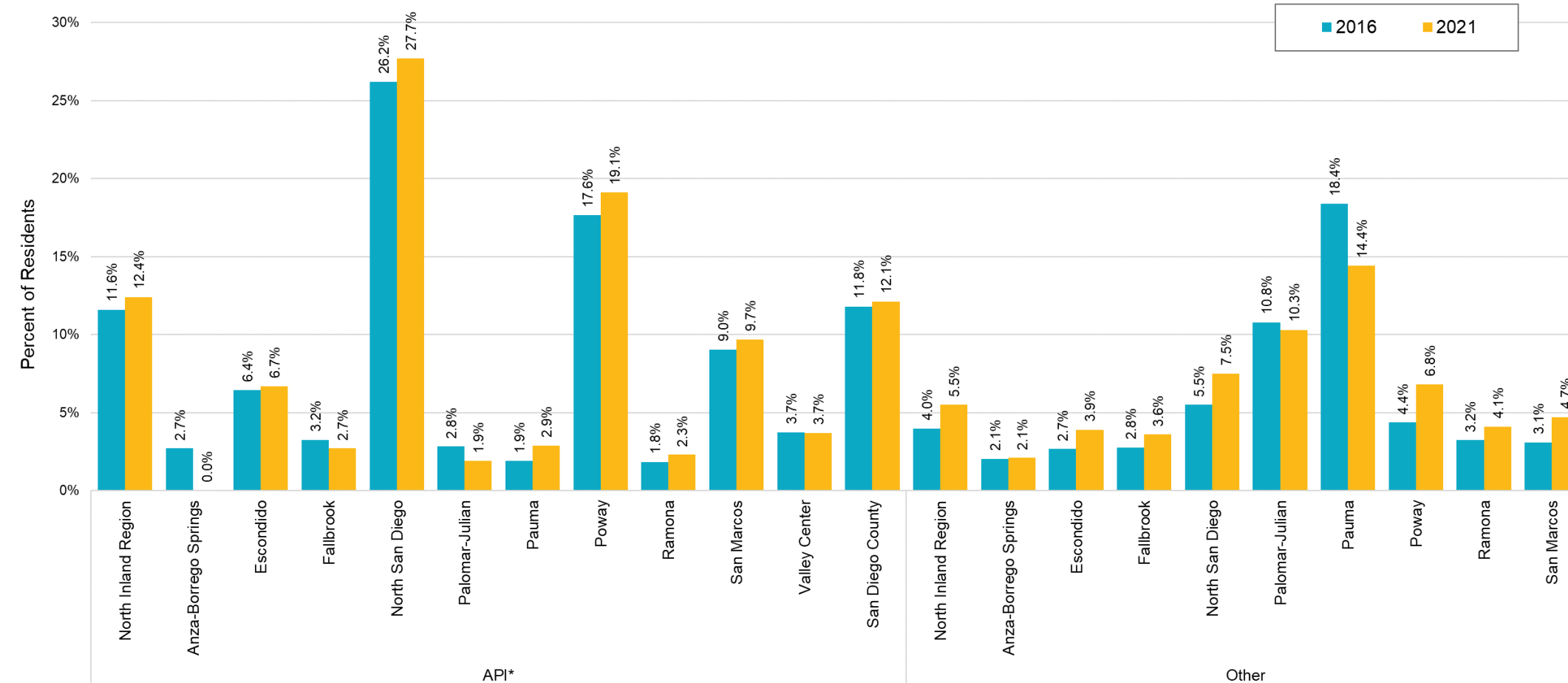
Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table B03002; 2017-2021 American Community Survey 5-Year Estimates, Table B03002. Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.



# DEMOGRAPHICS: RACE/ETHNICITY NORTH INLAND REGION



Percent of Residents by Race/Ethnicity in North Inland Region  
and its Subregional Areas (SRAs), 2016 and 2021



Between 2016 and 2021, the number of Hispanic, API, and Other race/ethnicity residents increased in North Inland Region, while the number of NH White and NH Black residents decreased.

In North Inland Region, Poway SRA saw the highest increase in the number of Other race/ethnicity residents (55.6% increase).

\*Asian Pacific/Islander. Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table B03002; 2017-2021 American Community Survey 5-Year Estimates, Table B03002.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.



# LABOR FORCE BY OCCUPATIONS NORTH INLAND REGION



- In 2021, the occupations with the highest percent of employed persons 16 years and older in North Inland Region and its communities were management, business, science, and arts and sales and office occupations.
- Between 2016 and 2021, the proportion of employed persons 16 years and older in management, business, science, and arts and the production, transportation, and material moving occupations increased in North Inland Region.

Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table DP03; 2017-2021 American Community Survey 5-Year Estimates, Table DP03.  
Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.

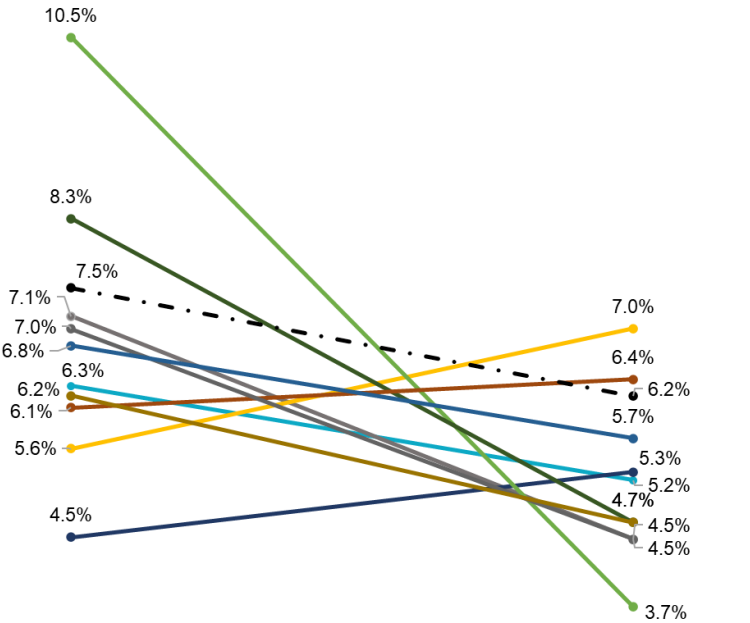
2016						
Geography	Employed Population, 16+	Management	Service	Sales and Office	Construction	Production
<b>North Inland Region</b>	<b>271,182</b>	<b>42.1%</b>	<b>17.9%</b>	<b>22.4%</b>	<b>9.0%</b>	<b>8.5%</b>
Anza-Borrego Springs	985	19.1%	20.6%	18.6%	36.6%	5.1%
Escondido	78,294	28.7%	23.4%	24.0%	13.0%	10.9%
Fallbrook	20,558	34.2%	20.6%	21.4%	13.9%	9.9%
North San Diego	55,273	61.5%	10.1%	20.9%	2.3%	5.2%
Palomar-Julian	1,842	29.5%	27.8%	18.3%	16.0%	8.4%
Pauma	2,561	36.0%	20.6%	13.5%	16.6%	13.3%
Poway	42,072	57.6%	11.7%	21.6%	3.7%	5.4%
Ramona	17,573	34.0%	20.6%	22.9%	12.7%	9.8%
San Marcos	42,527	35.1%	21.8%	23.7%	9.3%	10.1%
Valley Center	9,497	40.6%	14.4%	21.7%	14.7%	8.6%
<b>San Diego County</b>	<b>1,495,776</b>	<b>41.0%</b>	<b>19.6%</b>	<b>23.3%</b>	<b>7.7%</b>	<b>8.5%</b>
2021						
Geography	Civilian employed population 16+	Management, business, science, and arts occupations	Service occupations	Sales and office occupations	Natural resources, construction, and maintenance occupations	Production, transportation, and material moving occupations
<b>North Inland Region</b>	<b>286,533</b>	<b>45.8%</b>	<b>16.8%</b>	<b>19.6%</b>	<b>8.6%</b>	<b>9.1%</b>
Anza-Borrego Springs	1,183	33.6%	26.9%	24.7%	14.7%	0.1%
Escondido	82,096	32.2%	21.4%	22.0%	11.8%	12.5%
Fallbrook	21,275	35.5%	18.5%	21.7%	14.5%	9.7%
North San Diego	58,375	65.3%	9.6%	17.3%	2.7%	5.1%
Palomar-Julian	2,112	37.5%	18.3%	23.6%	14.1%	6.5%
Pauma	3,255	41.4%	13.6%	13.2%	16.9%	15.0%
Poway	42,235	61.6%	12.0%	17.3%	4.1%	5.0%
Ramona	18,451	36.0%	19.4%	19.4%	14.0%	11.2%
San Marcos	46,589	42.1%	18.9%	18.9%	8.5%	11.6%
Valley Center	10,962	38.2%	23.0%	22.6%	9.6%	6.5%
<b>San Diego County</b>	<b>1,572,927</b>	<b>44.3%</b>	<b>18.2%</b>	<b>20.3%</b>	<b>7.4%</b>	<b>9.8%</b>



# UNEMPLOYMENT NORTH INLAND REGION



Average Percent of Unemployment, North Inland Region and its Subregional Areas (SRAs), 2012-2016 and 2017-2021



2016

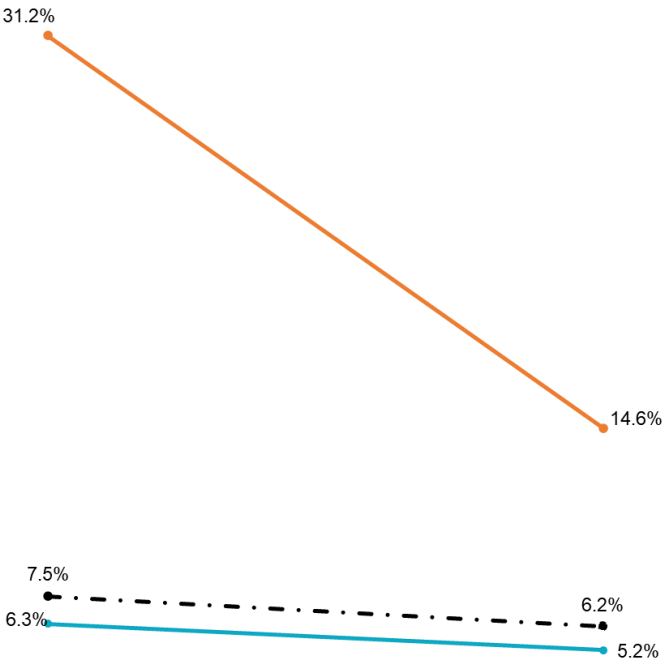
2021

North Inland Region  
North San Diego  
Poway  
Valley Center

Escondido  
Palomar-Julian  
Ramona  
San Diego County

Fallbrook  
Pauma  
San Marcos

Average Percent of Unemployment, Anza-Borrego Springs, 2012-2016 and 2017-2021



2016

2021

North Inland Region

Anza-Borrego Springs

San Diego County

In North Inland Region, the percent of unemployed residents, 16 years and older, decreased from 6.3% in 2016 to 5.2% in 2021.

- North Inland Region had a lower percent of unemployment than the county overall from 2016-2021.
- Among North Inland Region SRAs, Anza-Borrego Springs had the highest percent of unemployment (14.6%), followed by Fallbrook (7.0%) in 2021.
- Between 2016 and 2021, the percent of unemployment decreased across all North Inland Region SRAs, except Fallbrook, North San Diego, and Poway.

\*Percent unemployed was derived from the number of unemployed persons out of the 16 year and older eligible labor force. Eligible labor force includes employed civilians, unemployed, and persons in the armed forces.  
Source: U.S. Census Bureau; 2012-2016 American Community Survey 5-Year Estimates, Table DP03; 2017-2021 American Community Survey 5-Year Estimates, Table DP03.  
Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.





# LIFE EXPECTANCY

---



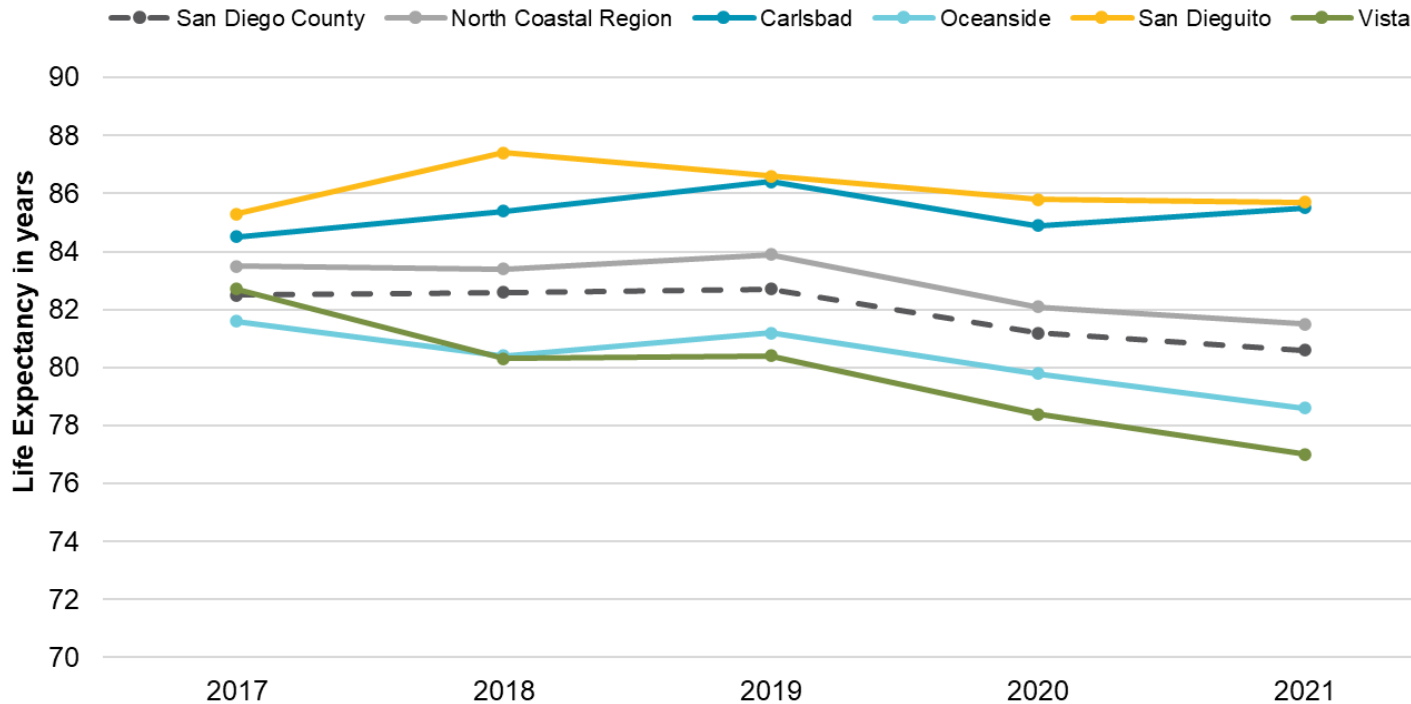
LIVE WELL  
SAN DIEGO



# LIFE EXPECTANCY NORTH COASTAL REGION

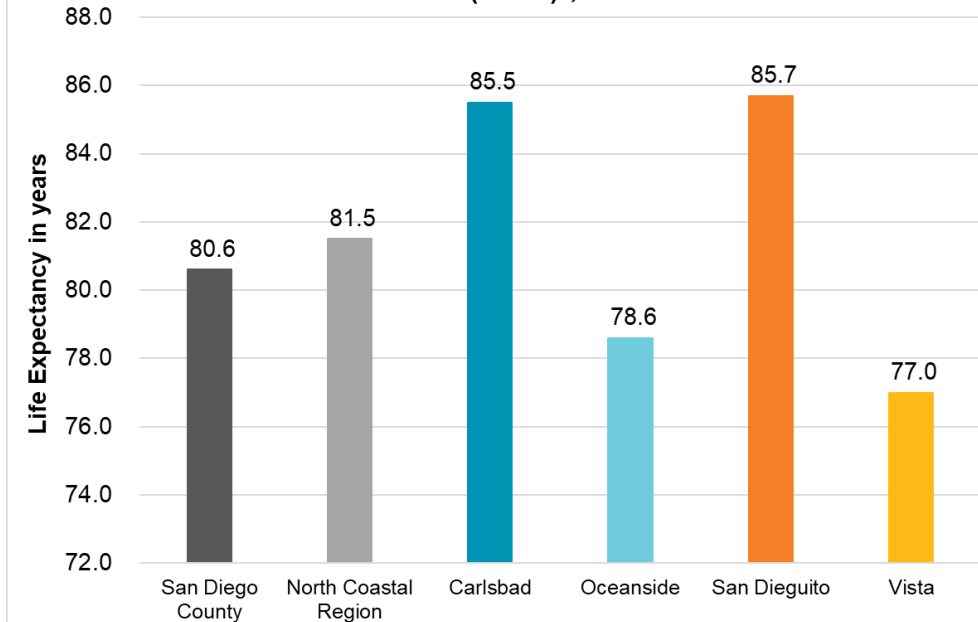


Life Expectancy in North Coastal Region and Subregional Areas (SRAs)\*, 2017-2021



Within North Coastal Region, Carlsbad and San Dieguito SRAs had a decrease in life expectancy from 2017-2021.

Life Expectancy in North Coastal Region and Subregional Areas (SRAs)\*, 2021



In 2021, all SRAs in North Coastal Region, except Oceanside and Vista, had higher life expectancies than North Coastal Region and San Diego County overall.

\*Only SRAs with life expectancies are displayed on graph.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business intelligence System (VRBIS). SANDAG Population Estimates. 2020-2021 Population estimates were derived using the 2010 Census and data should be considered preliminary.

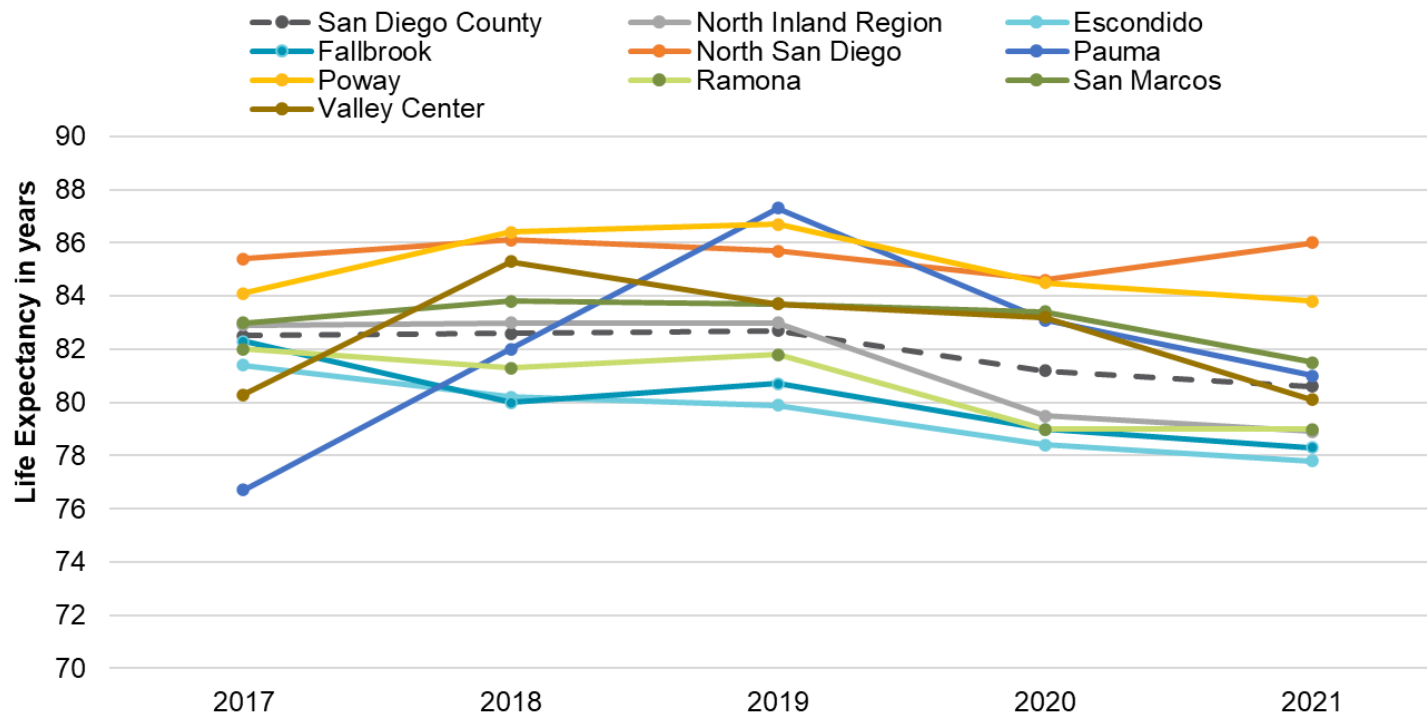
Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.



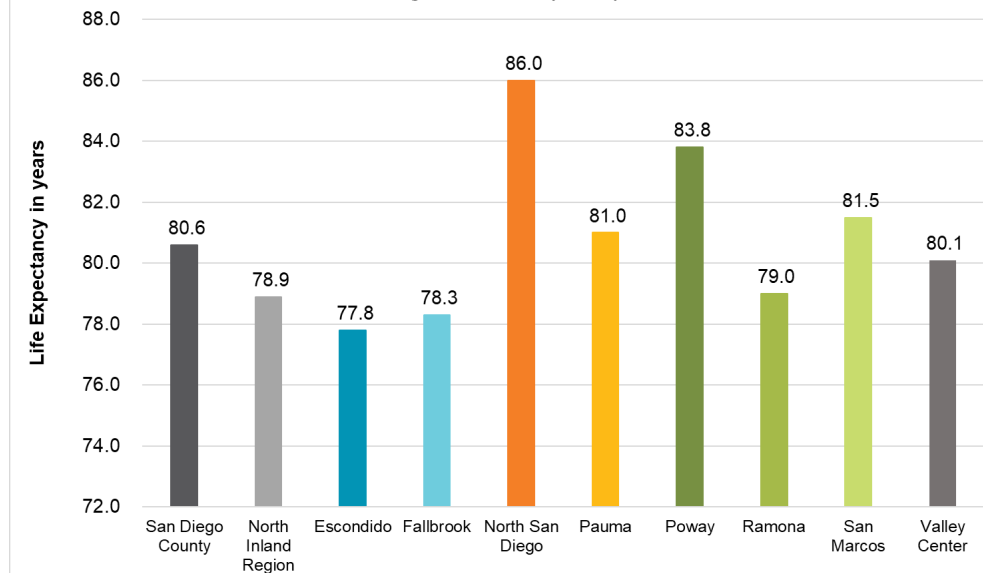
# LIFE EXPECTANCY NORTH INLAND REGION



Life Expectancy in North Inland Region and Subregional Areas (SRAs)\*, 2017-2021



Life Expectancy in North Inland Region and Subregional Areas (SRAs)\*, 2021



Within North Inland Region, all SRAs except North San Diego and Pauma SRAs had a decrease in life expectancy from 2017-2021.

In 2021, all SRAs in North Inland Region, except Escondido and Fallbrook, had higher life expectancies than North Inland Region overall.

\*Only SRAs with life expectancies are displayed on graph.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business intelligence System (VRBIS). SANDAG Population Estimates. 2020-2021 Population estimates were derived using the 2010 Census and data should be considered preliminary.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.





# LEADING CAUSES OF DEATH

---

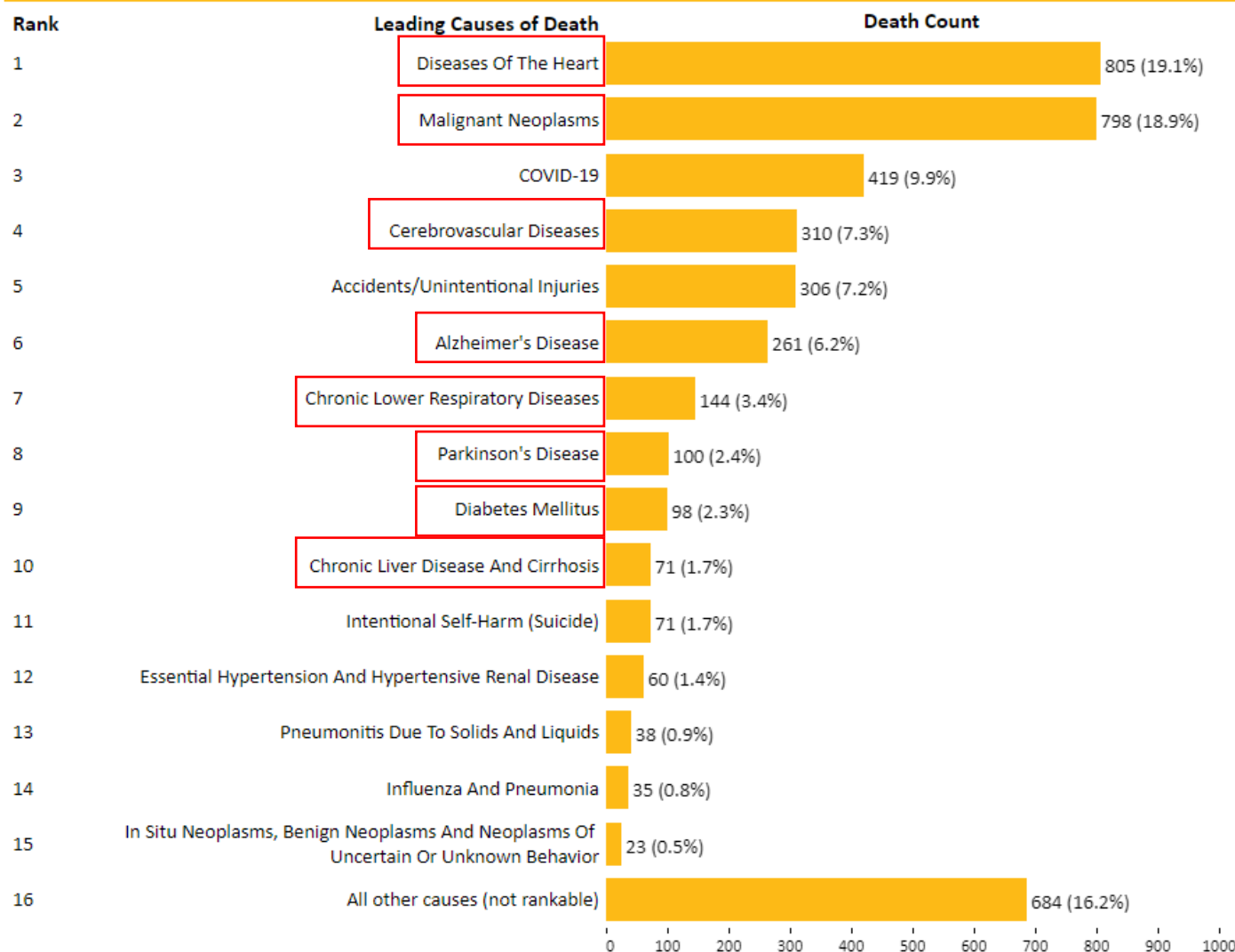




# LEADING CAUSES OF DEATH NORTH COASTAL REGION



## 2021 San Diego County Leading Causes of Death by Health and Human Services Agency (HHSA) Region: North Coastal



Year  
2021

HHSA Region  
North Coastal

If graph does not populate,  
data are not available for the  
selected filters.

2021 Total Death  
Count among San  
Diego County  
Residents: North  
Coastal Region

4,223

In 2021, there were **4,223** deaths among North Coastal Region residents.

In 2021, heart disease and cancer were the cause of 38% of the deaths among North Coastal Region residents.

In North Coastal Region, 8 out of the 10 leading causes of death were chronic diseases in 2021.

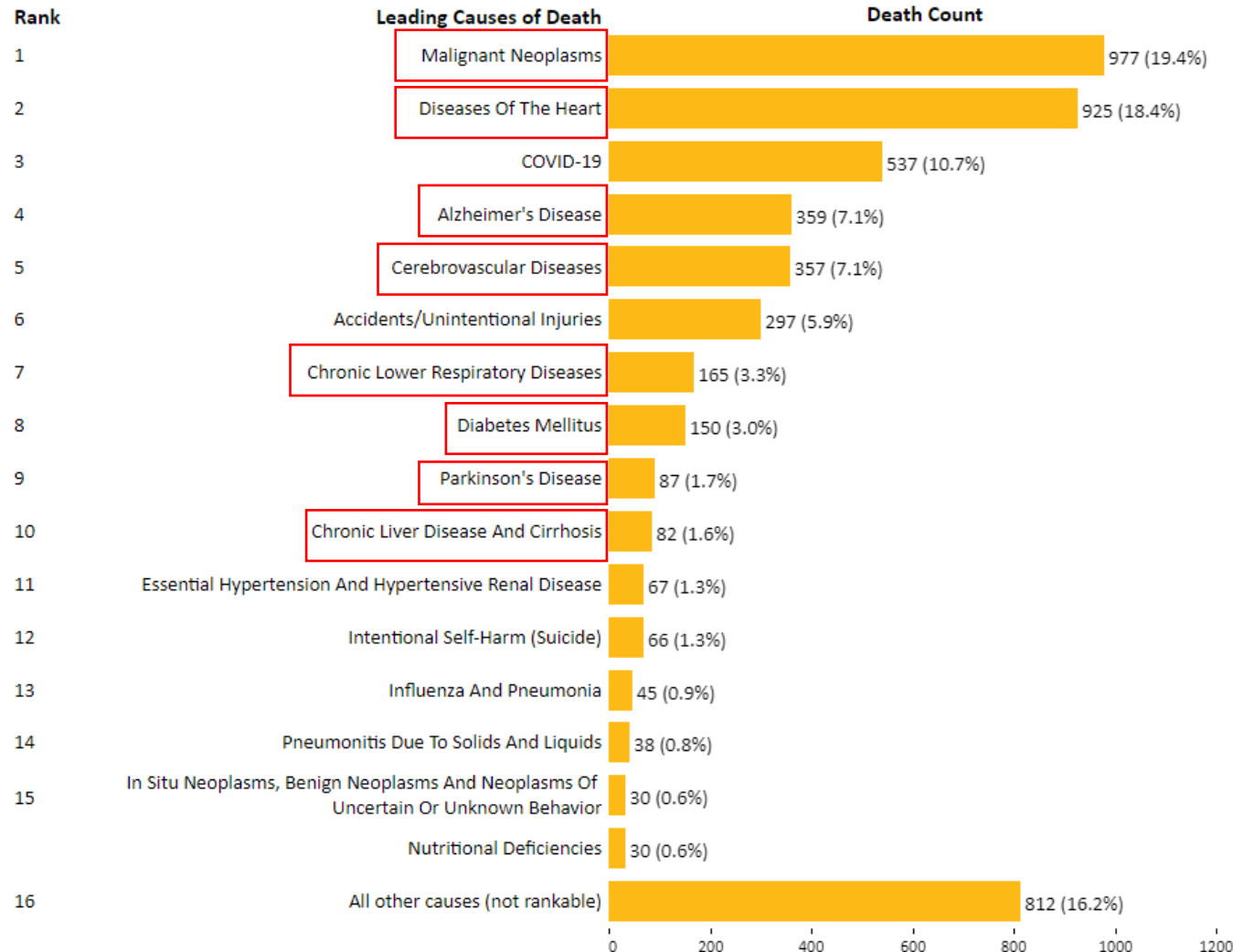
Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the San Diego County residents for their respective years.  
Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.  
Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.  
The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including Leading Causes of Death.  
Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System.  
Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, January 2023.



# LEADING CAUSES OF DEATH NORTH INLAND REGION



## 2021 San Diego County Leading Causes of Death by Health and Human Services Agency (HHSA) Region: North Inland



Year  
2021

HHSA Region  
North Inland

If graph does not populate,  
data are not available for the  
selected filters.

2021 Total Death  
Count among San  
Diego County  
Residents: North  
Inland Region

5,024

In 2021, there were **5,024** deaths among North Inland Region residents.

In 2021, cancer and heart disease were the cause of 37.8% of the deaths among North Inland Region residents.

In North Inland Region, 8 out of the 10 leading causes of death were chronic diseases in 2021.

Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the San Diego County residents for their respective years.

Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including Leading Causes of Death.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, January 2023.





# 3-4-50: CHRONIC DISEASE DEATHS

---





# 3-4-50: CHRONIC DISEASE DEATHS



The proportion of deaths due to 3-4-50 chronic diseases in San Diego County decreased from 63% in 2000 to 43% in 2021.

Improve your health by...



Walking at least 30 minutes every day.



Eating healthy foods (5 servings of fruits and vegetables).



Not smoking.

[www.sdhealthstatistics.com](http://www.sdhealthstatistics.com)



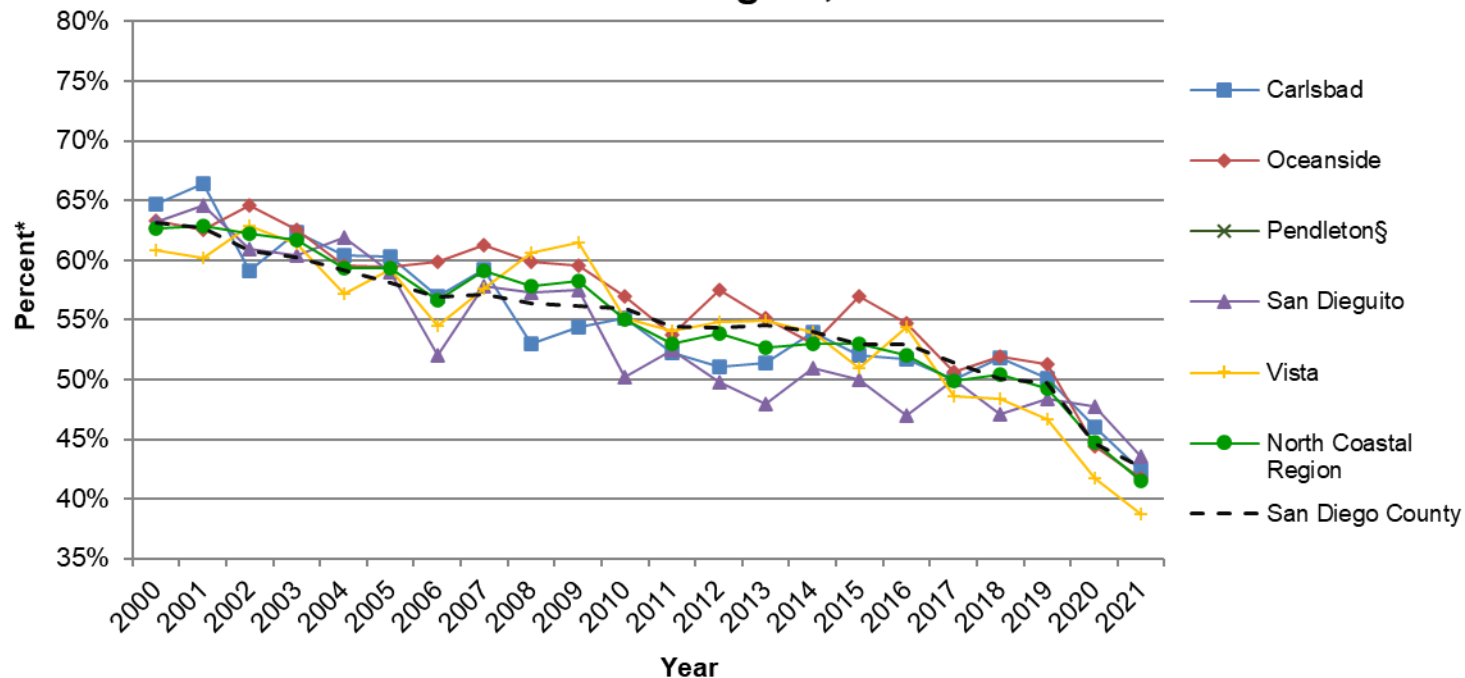


# 3-4-50: CHRONIC DISEASE DEATHS NORTH COASTAL REGION



## PERCENTAGES, TREND 2000-2021

**3-4-50 Death<sup>†</sup> Percentages  
Among San Diego County Residents -  
North Coastal Region, 2000-2021<sup>\*\*</sup>**



The proportion of deaths due to 3-4-50 chronic diseases in North Coastal Region dropped from 63% in 2000 to 41% in 2021.

Among the North Coastal Region SRAs, San Dieguito had the highest percentage of deaths due to 3-4-50 chronic diseases (44%) in 2021.

\*3-4-50 deaths as a percentage of all cause deaths.

†3-4-50 deaths include stroke, coronary heart disease (CHD), diabetes, COPD, asthma, and cancer. Beginning with 2017, COPD includes chronic lower respiratory diseases (COPD/chronic lower respiratory diseases).

§Percents not calculated for fewer than 5 events for the years 2000 to 2019. Percents not calculated for fewer than 11 events for the years 2020 and 2021. Percents not calculated in cases where zip code is unknown.

\*\*The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including those of 3-4-50 chronic diseases.

Source: California Department of Public Health, 2000-2013 Death Statistical Master Files, 2014-2021 California Vital Records Business Intelligence System (VRBIS).

Prepared by County of San Diego (CoSD), Health and Human Services Agency (HHSA), Public Health Services (PHS), Community Health Statistics Unit, April 2023.

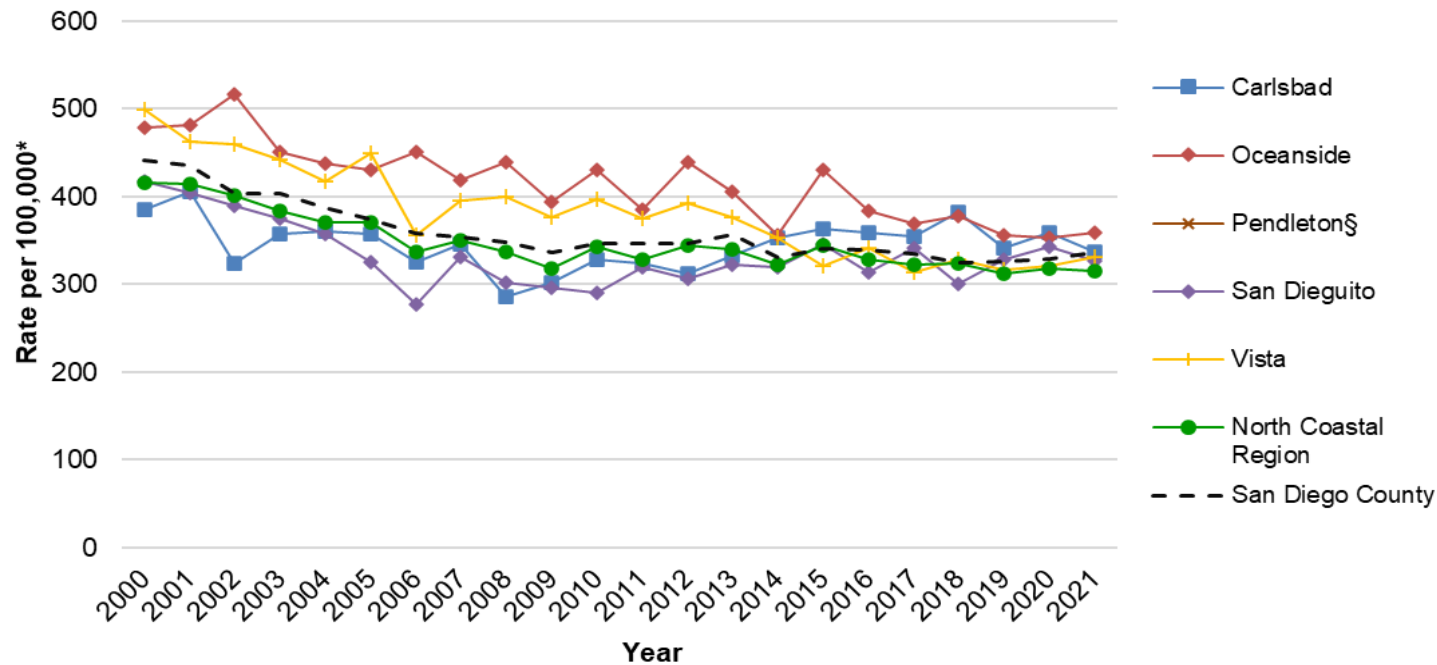


# 3-4-50: CHRONIC DISEASE DEATHS NORTH COASTAL REGION



## RATES, TREND 2000-2021

**3-4-50 Death<sup>†</sup> Rates  
Among San Diego County Residents -  
North Coastal Region, 2000-2021\*\***



**3-4-50 chronic diseases death rate in North Coastal Region dropped from 415.1 per 100,000 in 2000 to 314.3 per 100,000 in 2021.**

**Among the North Coastal Region SRAs, Oceanside had the highest 3-4-50 chronic diseases death rate (358.4 per 100,000) in 2021.**

**Overall, 3-4-50 chronic diseases death rates have decreased in the North Coastal Region and all its SRAs from 2000 to 2021.**

\*Rates per 100,000 population. Population estimates for 2020 and 2021 were derived using the 2010 Census and data should be considered preliminary.

<sup>†</sup>3-4-50 deaths include stroke, coronary heart disease (CHD), diabetes, COPD, asthma, and cancer. Beginning with 2017, COPD includes chronic lower respiratory diseases (COPD/chronic lower respiratory diseases).

§Rates not calculated for fewer than 5 events for the years 2000 to 2019. Rates not calculated for fewer than 11 events for the years 2020 and 2021. Rates not calculated in cases where zip code is unknown.

\*\*The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including those of 3-4-50 chronic diseases.

Source: California Department of Public Health, 2000-2013 Death Statistical Master Files, 2014-2021 California Vital Records Business Intelligence System (VRBIS). SANDAG, Current Population Estimates.

Prepared by County of San Diego (CoSD), Health and Human Services Agency (HHSA), Public Health Services (PHS), Community Health Statistics Unit, April 2023.

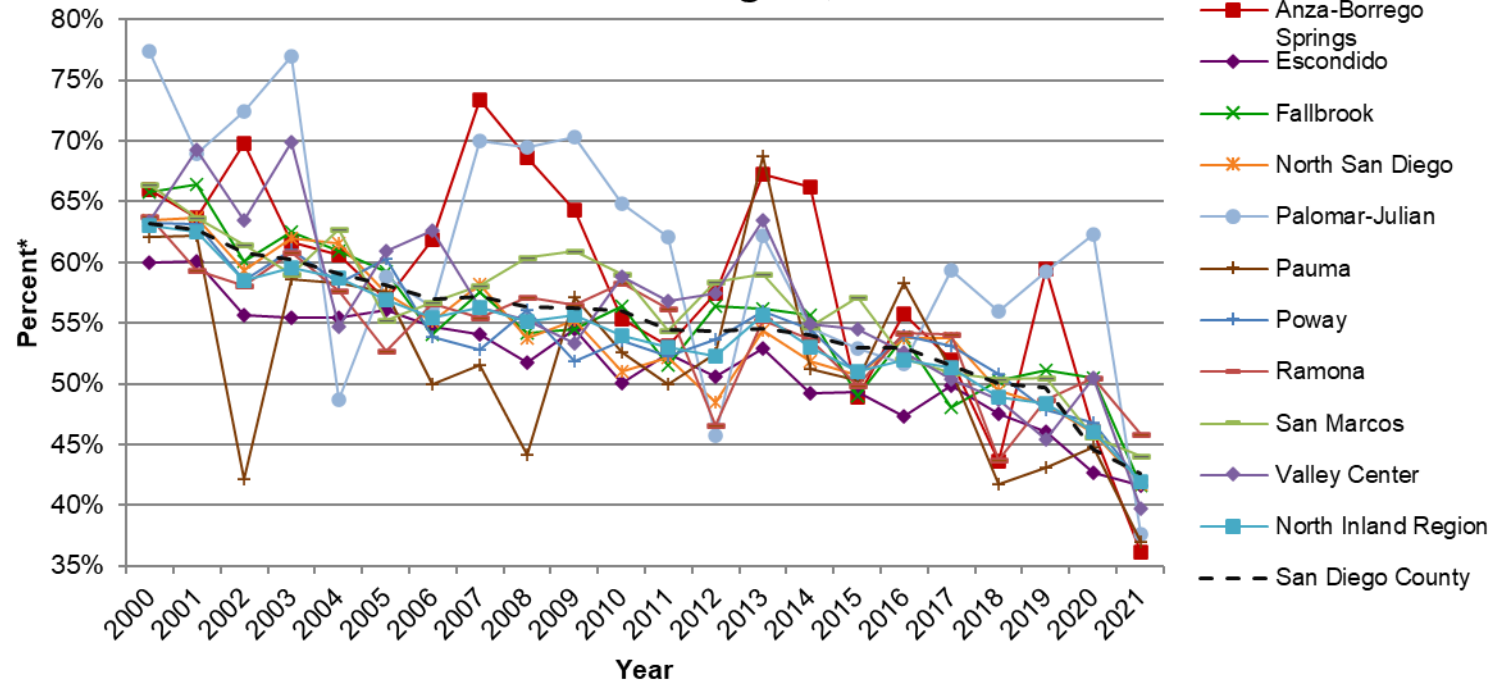


# 3-4-50: CHRONIC DISEASE DEATHS NORTH INLAND REGION



## PERCENTAGES, TREND 2000-2021

**3-4-50 Death† Percentages  
Among San Diego County Residents -  
North Inland Region, 2000-2021\*\***



The proportion of deaths due to 3-4-50 chronic diseases in North Inland Region dropped from 63% in 2000 to 42% in 2021.

Among the North Inland Region SRAs, Ramona had the highest percentage of deaths due to 3-4-50 chronic diseases (46%) in 2021.

\*3-4-50 deaths as a percentage of all cause deaths.

†3-4-50 deaths include stroke, coronary heart disease (CHD), diabetes, COPD, asthma, and cancer. Beginning with 2017, COPD includes chronic lower respiratory diseases (COPD/chronic lower respiratory diseases).

§Percents not calculated for fewer than 5 events for the years 2000 to 2019. Percents not calculated for fewer than 11 events for the years 2020 and 2021. Percents not calculated in cases where zip code is unknown.

\*\*The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including those of 3-4-50 chronic diseases.

Source: California Department of Public Health, 2000-2013 Death Statistical Master Files, 2014-2021 California Vital Records Business Intelligence System (VRBIS).

Prepared by County of San Diego (CoSD), Health and Human Services Agency (HHSA), Public Health Services (PHS), Community Health Statistics Unit, April 2023.

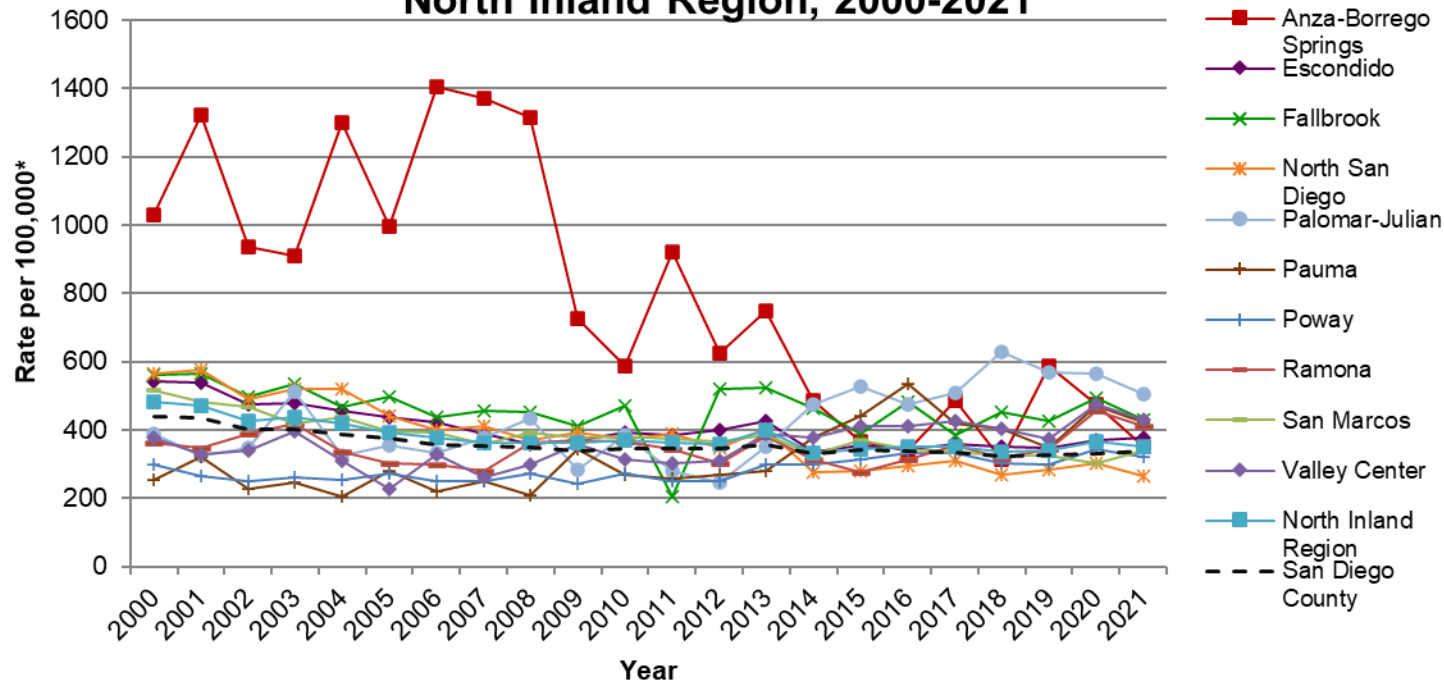


# 3-4-50: CHRONIC DISEASE DEATHS NORTH INLAND REGION



## RATES, TREND 2000-2021

**3-4-50 Death<sup>†</sup> Rates  
Among San Diego County Residents -  
North Inland Region, 2000-2021\*\***



3-4-50 chronic diseases death rate in North Inland Region dropped from 482.0 per 100,000 in 2000 to 349.8 per 100,000 in 2021.

Among the North Inland Region SRAs, Palomar-Julian had the highest 3-4-50 chronic diseases death rate (504.0 per 100,000) in 2021.

Overall, 3-4-50 chronic diseases death rates have decreased in the North Inland Region and its SRAs from 2000 to 2021, except Palomar-Julian, Pauma, Poway, Ramona, and Valley Center SRAs, where the rates increased.

\*Rates per 100,000 population. Population estimates for 2020 and 2021 were derived using the 2010 Census and data should be considered preliminary.

†3-4-50 deaths include stroke, coronary heart disease (CHD), diabetes, COPD, asthma, and cancer. Beginning with 2017, COPD includes chronic lower respiratory diseases (COPD/chronic lower respiratory diseases).

§Rates not calculated for fewer than 5 events for the years 2000 to 2019. Rates not calculated for fewer than 11 events for the years 2020 and 2021. Rates not calculated in cases where zip code is unknown.

\*\*The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality including those of 3-4-50 chronic diseases.

Source: California Department of Public Health, 2000-2013 Death Statistical Master Files, 2014-2021 California Vital Records Business Intelligence System (VRBIS). SANDAG, Current Population Estimates.

Prepared by County of San Diego (CoSD), Health and Human Services Agency (HHSA), Public Health Services (PHS), Community Health Statistics Unit, April 2023.





# CHRONIC DISEASES

---



LIVE WELL  
SAN DIEGO



# MEDICAL ENCOUNTERS – CHRONIC DISEASES NORTH COASTAL REGION



LIVE WELL  
SAN DIEGO

## Top 5 Medical Encounter Rates (Age-Adjusted\*) due to Chronic Diseases in North Coastal Region, 2021

### Age-Adjusted Death Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Cancer	114.28
Overall Heart Disease	110.01
CHD	55.28
Stroke	42.12
Prostate Cancer	24.44

### Age-Adjusted ED Discharge Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Heart Disease	1,302.95
Overall Hypertensive Diseases	176.49
Asthma	96.27
Diabetes	73.45
Stroke	72.24

### Age-Adjusted Hospitalization Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Heart Disease	709.40
Overall Hypertensive Diseases	206.44
Overall Cancer	192.29
Heart Failure	144.16
Stroke	142.41

\*Age-adjusted rates per 100,000 residents. Rates not calculated for fewer than 11 events. Source: California Department of Public Health, 2021 California Vital Records Business Intelligence System (VRBIS); California Department of Healthcare Access and Information (HCAI), Emergency Department Discharge Database and Patient Discharge Database, 2021; SANDAG Population Estimates. 2021 population estimates were derived using the 2010 Census and data should be considered preliminary. The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, April 2023.



# MEDICAL ENCOUNTERS – CHRONIC DISEASES NORTH INLAND REGION



**LIVE WELL**  
SAN DIEGO

## Top 5 Medical Encounter Rates (Age-Adjusted\*) due to Chronic Diseases in North Inland Region, 2021

### Age-Adjusted Death Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Cancer	127.48
Overall Heart Disease	118.27
CHD	59.33
Stroke	46.08
Heart Failure	30.02

### Age-Adjusted ED Discharge Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Heart Disease	1,416.31
Overall Hypertensive Diseases	182.81
Asthma	113.35
Diabetes	105.43
Stroke	83.77

### Age-Adjusted Hospitalization Rate

Condition	Age-Adjusted Rate (per 100,000)
Overall Heart Disease	690.60
Overall Cancer	215.90
Overall Hypertensive Diseases	214.49
Stroke	144.20
Heart Failure	142.31

\*Age-adjusted rates per 100,000 residents. Rates not calculated for fewer than 11 events. Source: California Department of Public Health, 2021 California Vital Records Business Intelligence System (VRBIS); California Department of Healthcare Access and Information (HCAI), Emergency Department Discharge Database and Patient Discharge Database, 2021; SANDAG Population Estimates. 2021 population estimates were derived using the 2010 Census and data should be considered preliminary. The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, April 2023.

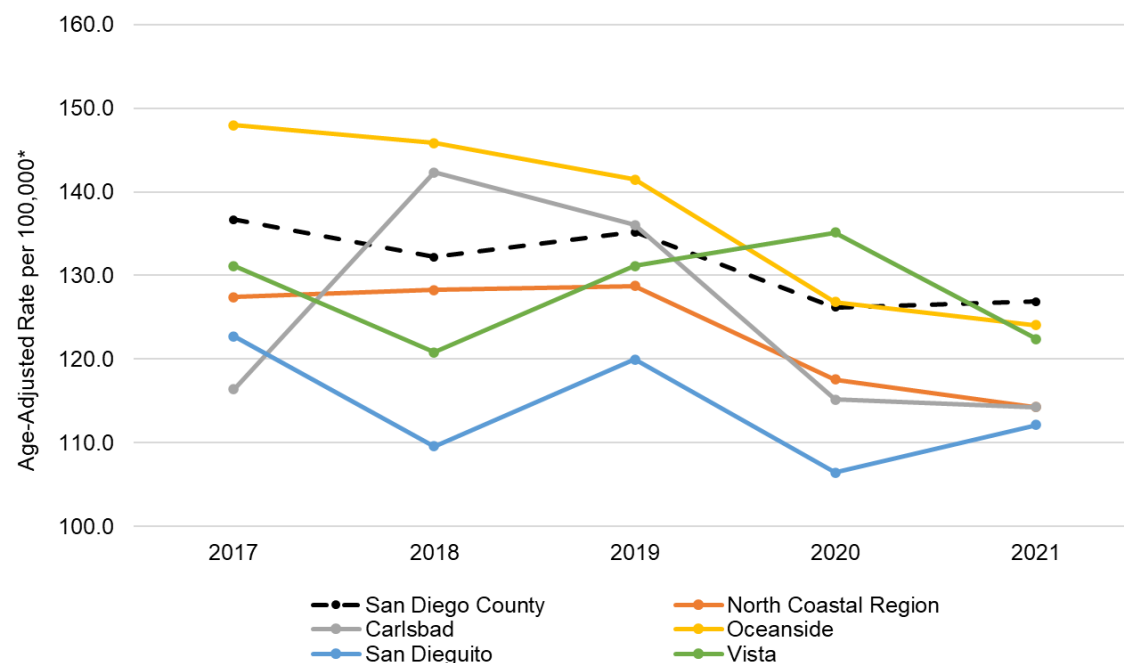


# OVERALL CANCER – DEATH RATES AGE-ADJUSTED TRENDS



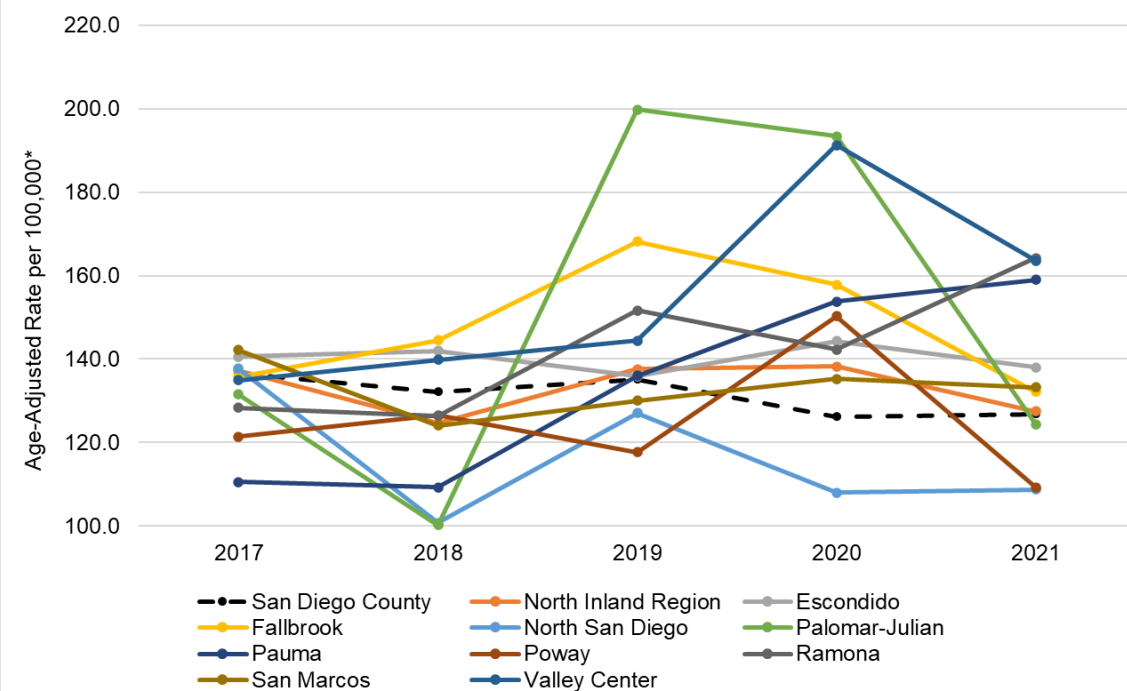
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Death Rates due to Overall Cancer in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to overall cancer **decreased** in **North Coastal Region** from 127.4 to 114.3 per 100,000. In 2021, the age-adjusted death rates due to overall cancer in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* Death Rates due to Overall Cancer in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to overall cancer **decreased** in **North Inland Region** from 137.3 to 127.5 per 100,000. Among North Inland Region SRAs, Ramona had the highest age-adjusted death rate due to overall cancer (164.2 per 100,000) in 2021.

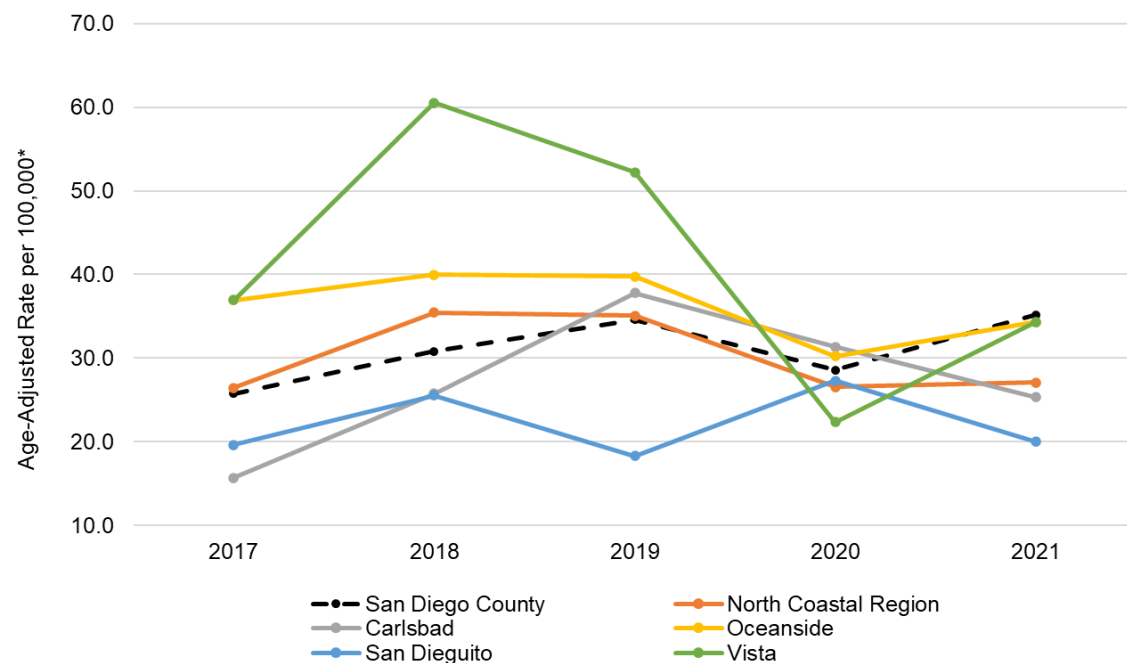


# OVERALL CANCER – ED DISCHARGE RATES AGE-ADJUSTED TRENDS



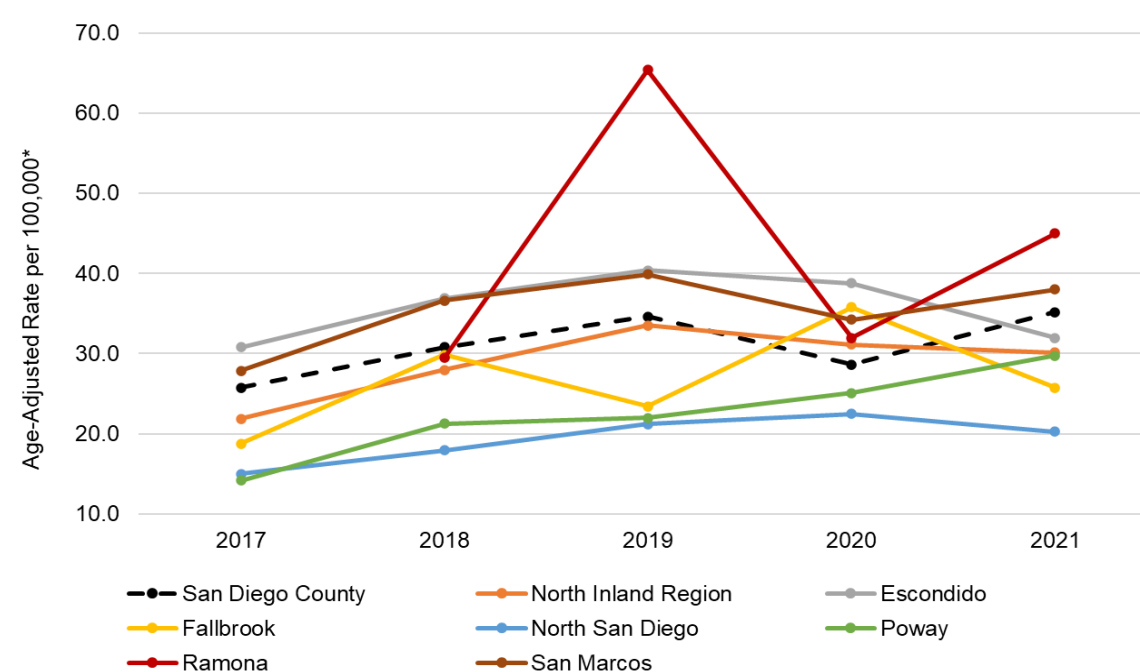
LIVE WELL  
SAN DIEGO

Age-Adjusted\* ED Discharge Rates due to Overall Cancer in  
North Coastal Region, San Diego County, 2017-2021



In 2021, Oceanside and Vista SRAs had the highest age-adjusted ED discharge rates due to overall cancer in **North Coastal Region**. In 2021, the age-adjusted ED discharge rates due to overall cancer in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* ED Discharge Rates due to Overall Cancer in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to overall cancer **increased** in **North Inland Region** from 21.9 to 30.2 per 100,000. Among North Inland Region SRAs, Ramona had the highest age-adjusted ED discharge rate due to overall cancer (45.0 per 100,000) in 2021.

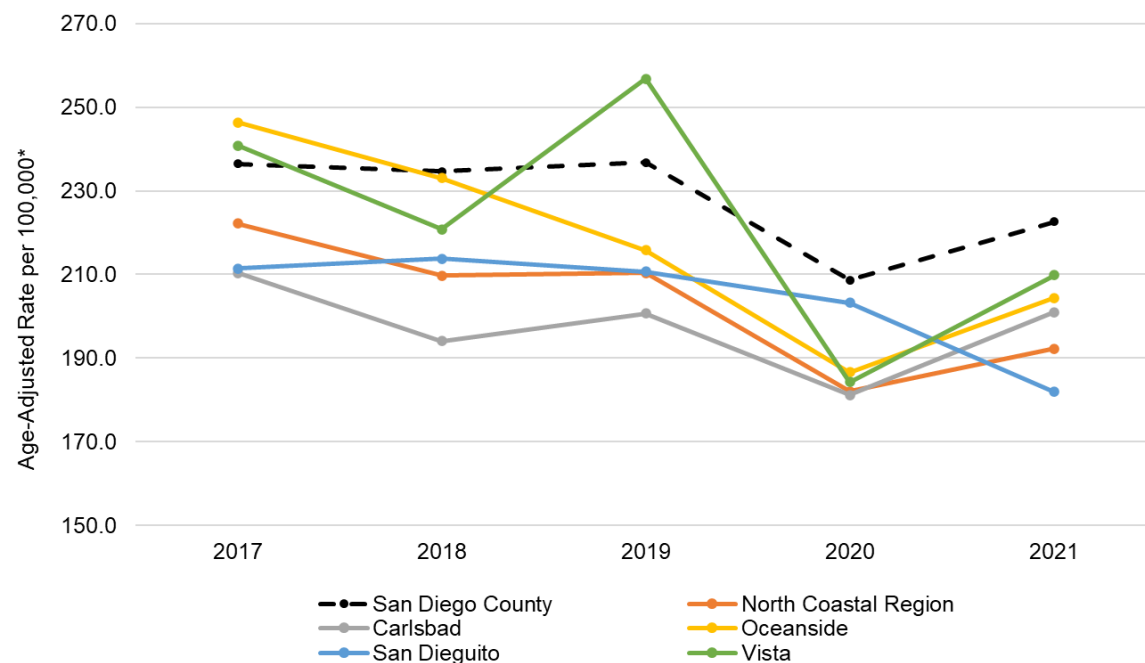


# OVERALL CANCER – HOSPITALIZATION RATES AGE-ADJUSTED TRENDS



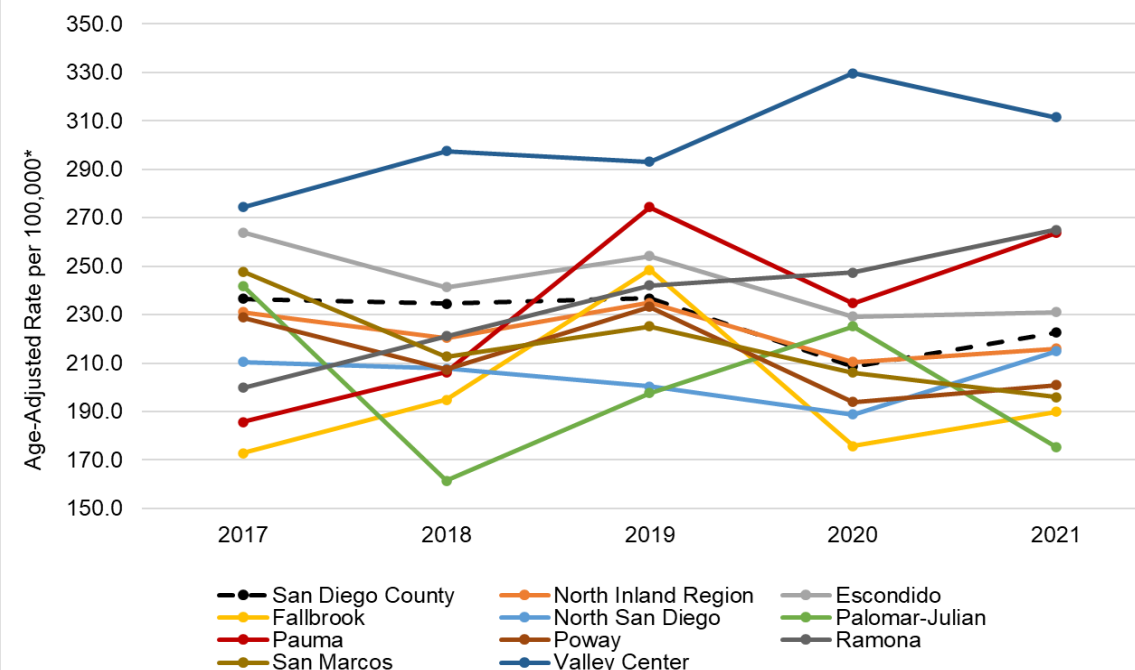
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Hospitalization Rates due to Overall Cancer in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to overall cancer **decreased** in **North Coastal Region** from 222.1 to 192.3 per 100,000. In 2021, the age-adjusted hospitalization rates due to overall cancer in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* Hospitalization Rates due to Overall Cancer in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to overall cancer **decreased** in **North Inland Region** from 231.1 to 215.9 per 100,000. Among North Inland Region SRAs, Valley Center had the highest age-adjusted hospitalization rate due to overall cancer (311.4 per 100,000) in 2021.

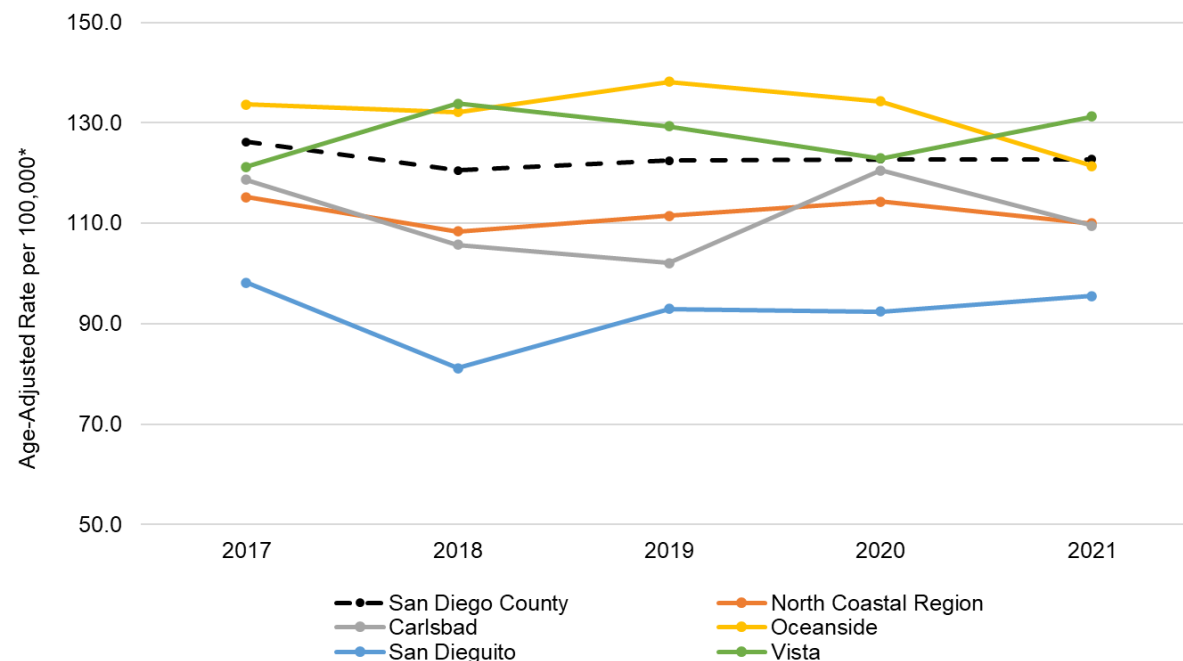


# OVERALL HEART DISEASE – DEATH RATES AGE-ADJUSTED TRENDS



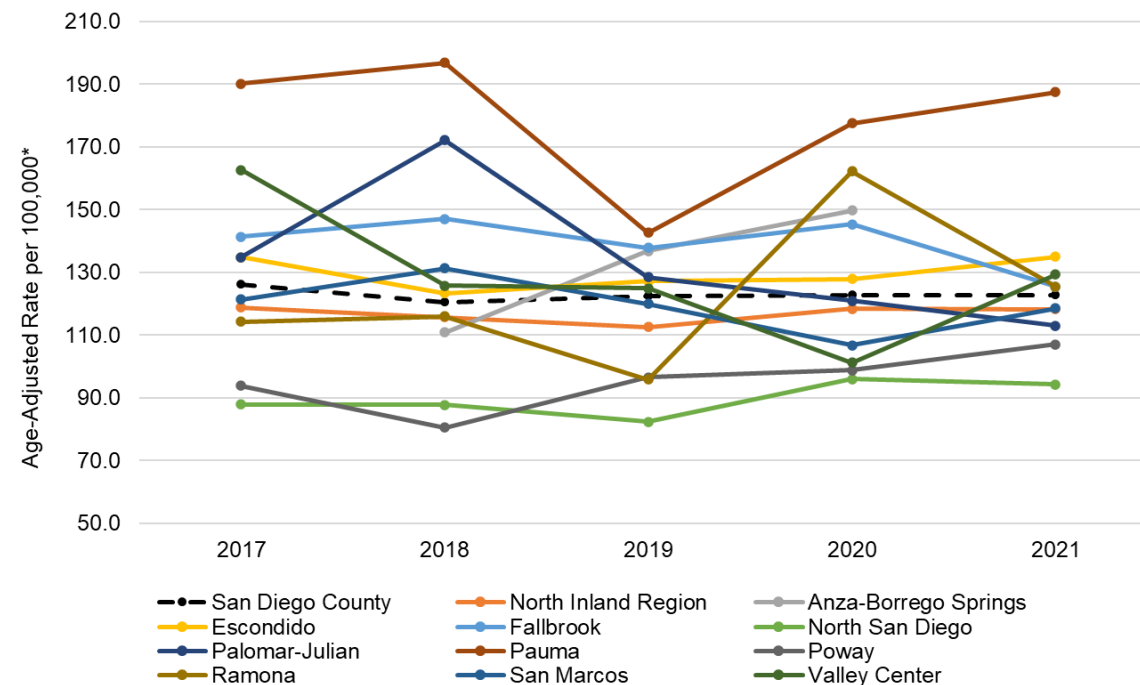
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Death Rates due to Overall Heart Disease in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to overall heart disease **decreased** in **North Coastal Region** from 115.2 to 110.0 per 100,000. In 2021, the age-adjusted death rates due to overall heart disease in North Coastal Region and its SRAs, except Vista, were lower than in San Diego County.

Age-Adjusted\* Death Rates due to Overall Heart Disease in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to overall heart disease in **North Inland Region** were lower than in San Diego County. Among North Inland Region SRAs, Pauma had the highest age-adjusted death rate due to overall heart disease (187.4 per 100,000) in 2021.

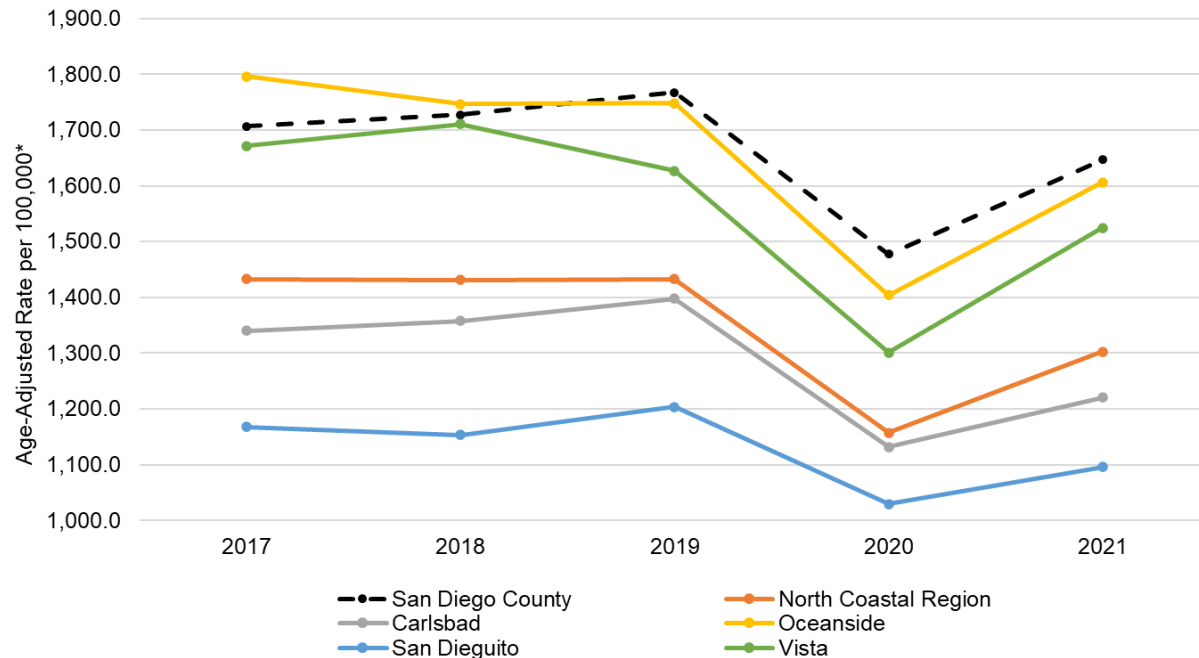


# OVERALL HEART DISEASE – ED DISCHARGE RATES AGE-ADJUSTED TRENDS



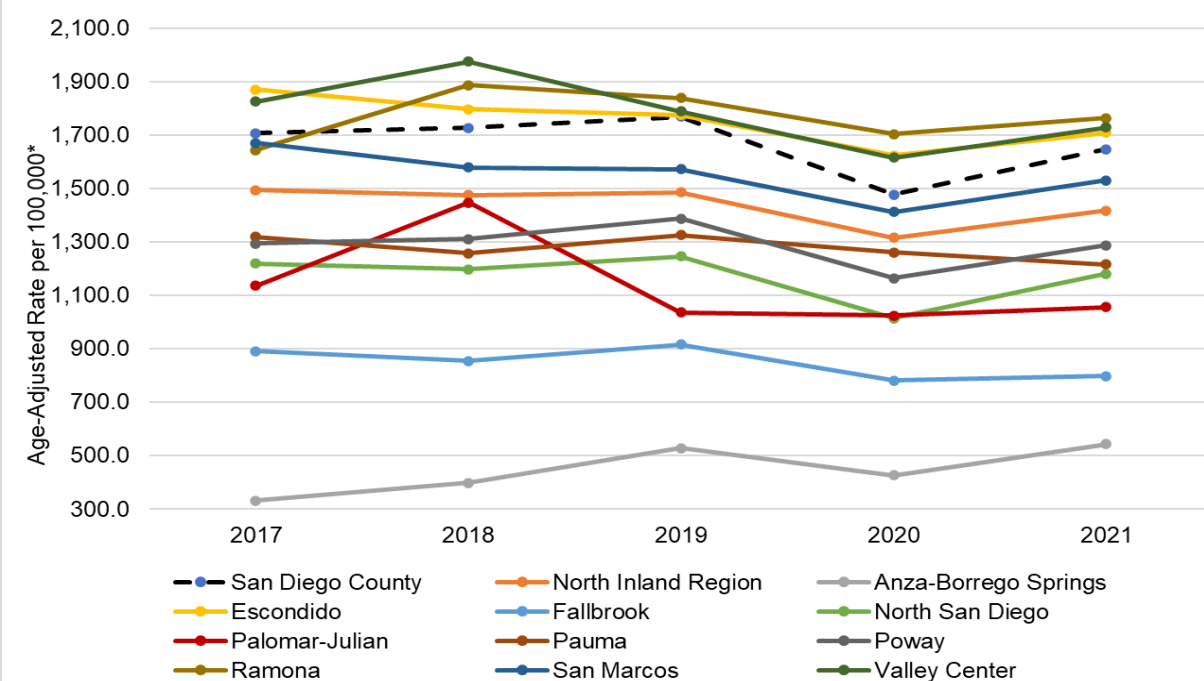
LIVE WELL  
SAN DIEGO

Age-Adjusted\* ED Discharge Rates due to Overall Heart Disease in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to overall heart disease **decreased** in **North Coastal Region** from 1,432.9 to 1,302.9 per 100,000. In 2021, the age-adjusted ED discharge rates due to overall heart disease in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* ED Discharge Rates due to Overall Heart Disease in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to overall heart disease in **North Inland Region** were lower than in San Diego County. Among North Inland Region SRAs, Ramona had the highest age-adjusted ED discharge rate due to overall heart disease (1,764.1 per 100,000) in 2021.

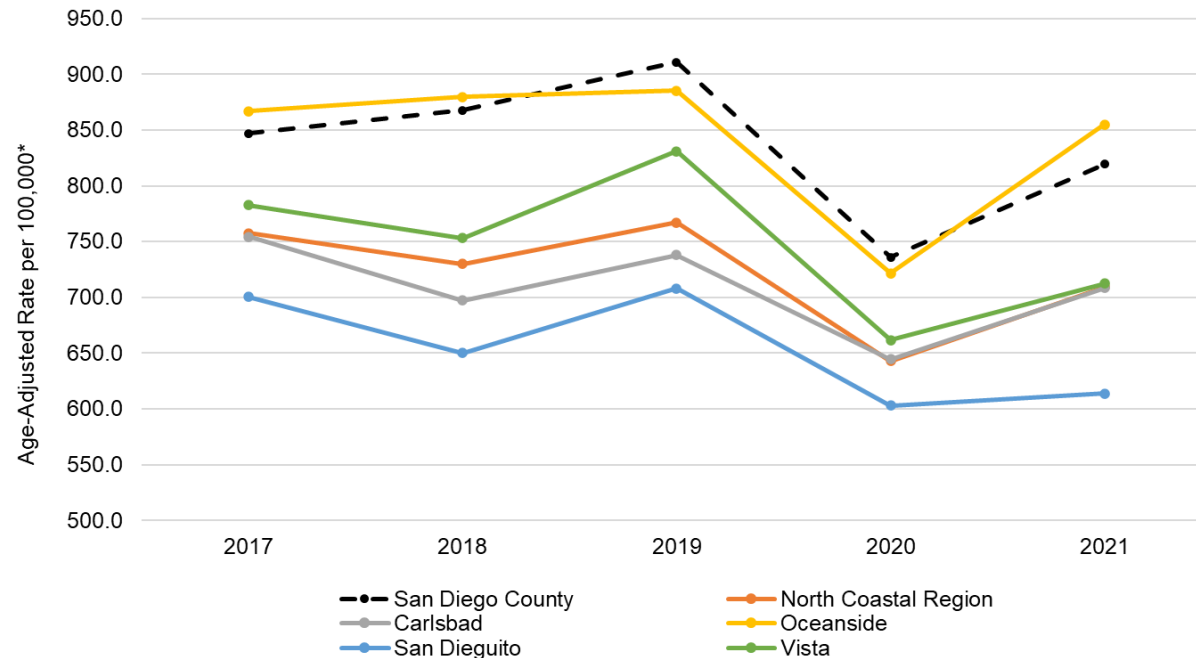


# OVERALL HEART DISEASE – HOSPITALIZATION RATES AGE-ADJUSTED TRENDS



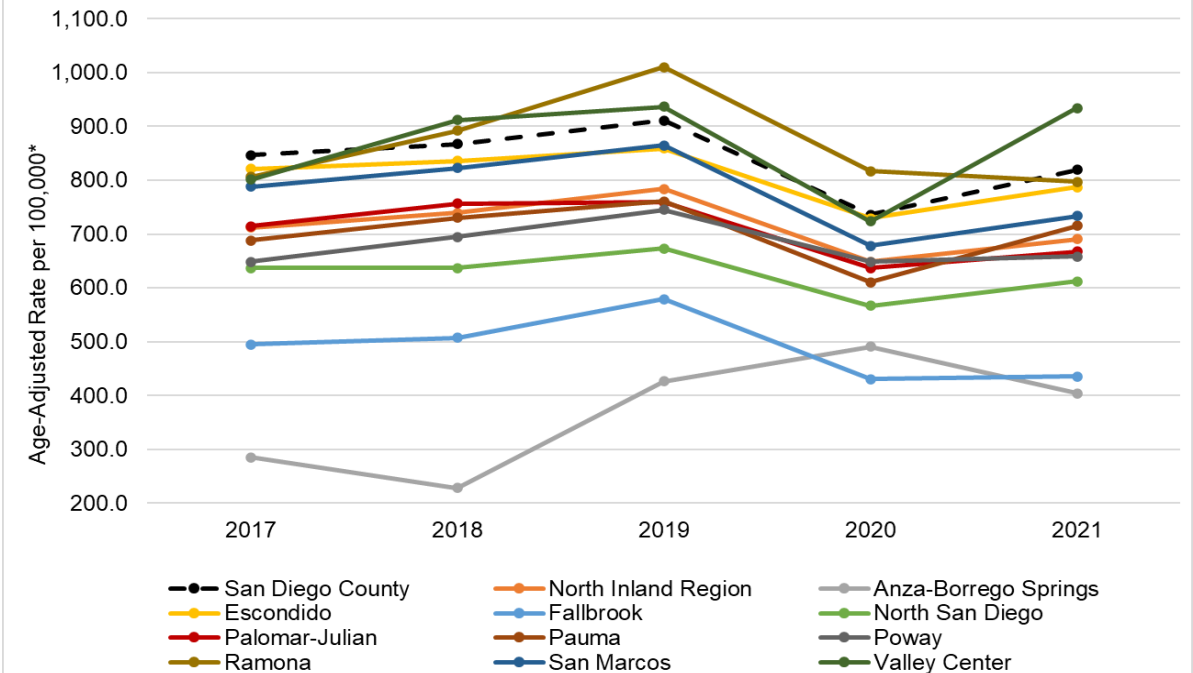
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Hospitalization Rates due to Overall Heart Disease in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to overall heart disease **decreased** in **North Coastal Region** from 757.4 to 709.4 per 100,000. In 2021, the age-adjusted hospitalization rates due to overall heart disease in North Coastal Region and its SRAs, except Oceanside, were lower than in San Diego County.

Age-Adjusted\* Hospitalization Rates due to Overall Heart Disease in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to overall heart disease **decreased** in **North Inland Region** from 712.0 to 690.6 per 100,000. Among North Inland Region SRAs, Valley Center had the highest age-adjusted hospitalization rate due to overall heart disease (934.3 per 100,000) in 2021.





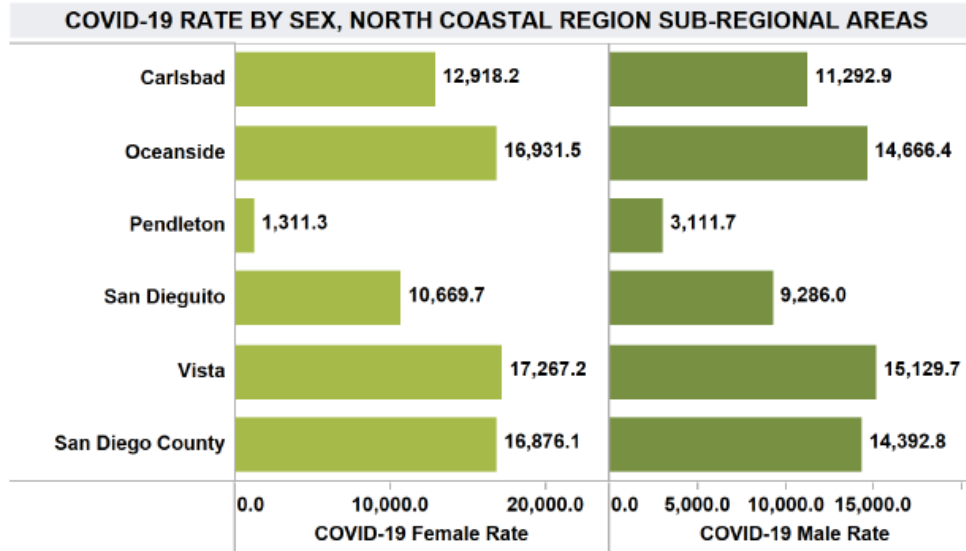
# COVID-19

---

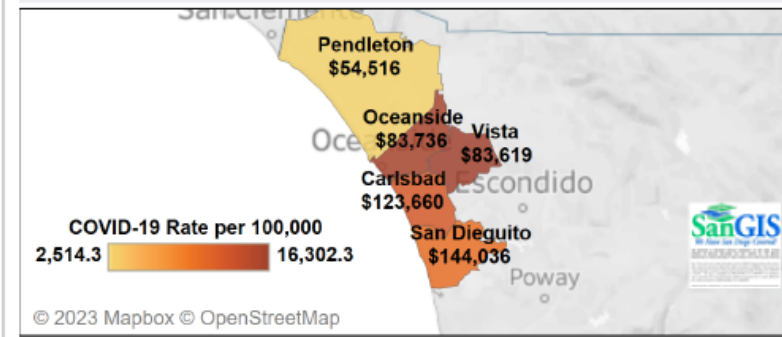




# SAN DIEGO COUNTY CUMULATIVE COVID-19 RATE\* PER 100,000 RESIDENTS BY NORTH COASTAL REGION SUB-REGIONAL AREAS^ (DATA THROUGH JANUARY 1, 2022 - DECEMBER 31, 2022)

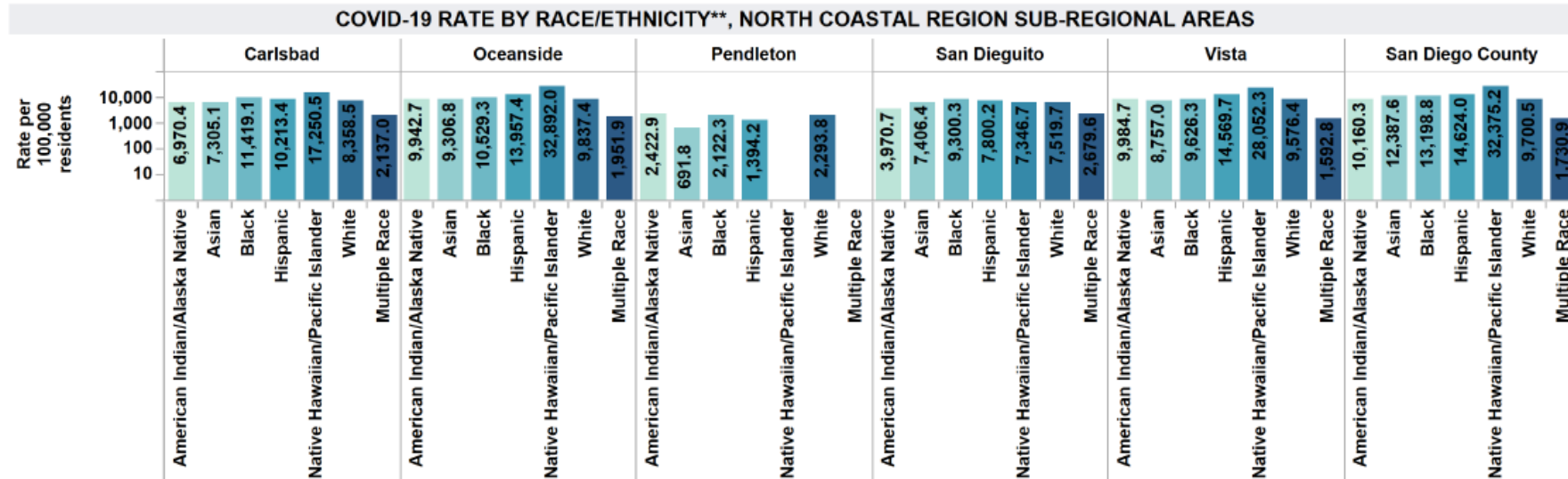


**SAN DIEGO COUNTY COVID-19 RATE BY NORTH COASTAL REGION SUB-REGIONAL AREAS (MEDIAN HOUSEHOLD INCOME IN DOLLARS)**



Median household income source: ESRI Community Analyst, 2022. \*A rate is the number of cases divided by the population, usually multiplied by a constant (100,000 in the following example). For example 987 cases, divided by population of 654,321, would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150- 151 cases would be expected.

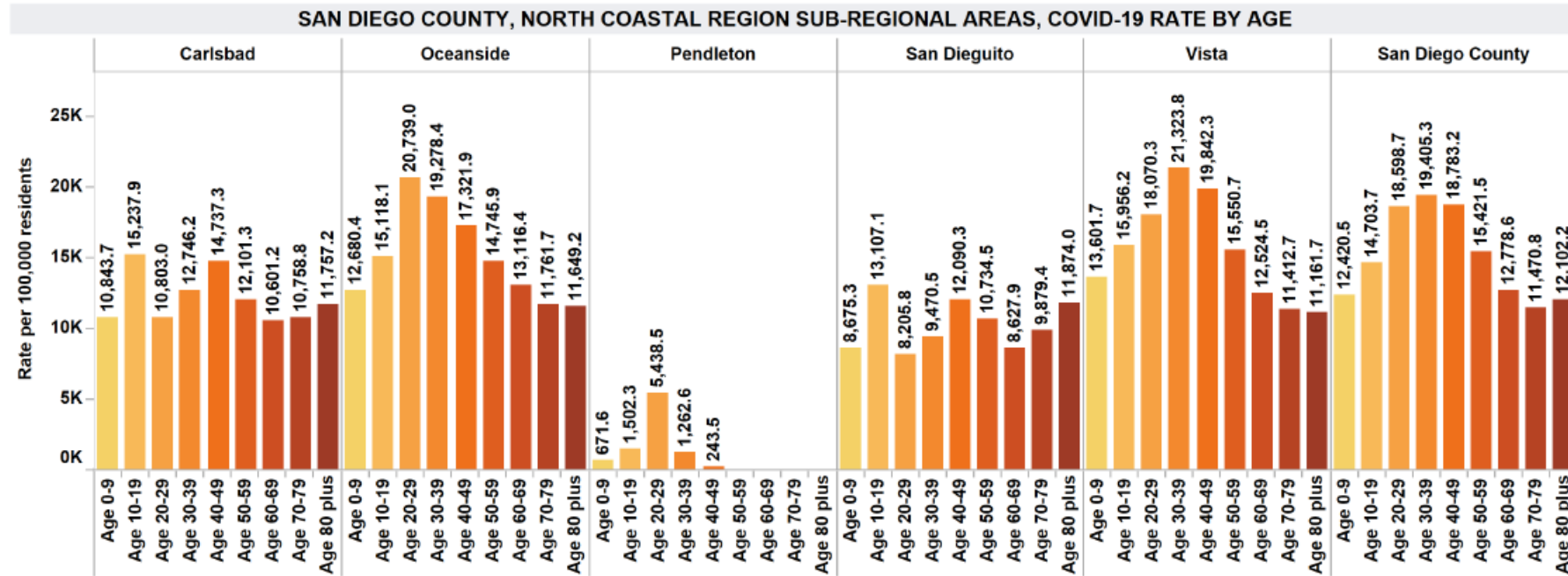
Health equity is achieved when "every person has the opportunity to 'attain his or her full health potential' and no one is disadvantaged from achieving this potential because of social position or other socially determined circumstances." -Centers for Disease Control and Prevention



\*\*Persons of Hispanic/Latino ethnicity may belong to any race group. All categories except Hispanic/Latino include persons for whom race is known but ethnicity is non-Hispanic or unknown. Data through 1/1/2022-12/31/2022. Data are preliminary and subject to change. More information may become available as individual case investigations are completed. ^SRA of residence, which may not be location of exposure, only cases with known zip code are included in rate calculation. Data source: San Diego County Communicable Disease Registry. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 1/27/2023.

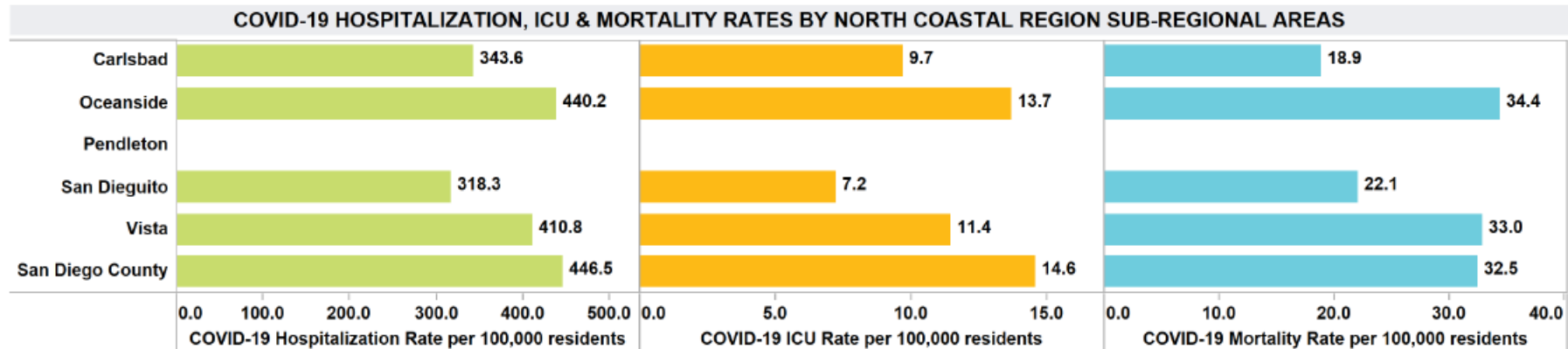


# SAN DIEGO COUNTY CUMULATIVE COVID-19 RATE\* PER 100,000 RESIDENTS BY NORTH COASTAL REGION SUB-REGIONAL AREAS^ (DATA THROUGH JANUARY 1, 2022 - DECEMBER 31, 2022)



\*A rate is the number of cases divided by the population, usually multiplied by a constant (100,000 in the following example). For example 987 cases, divided by population of 654,321, would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150- 151 cases would be expected.

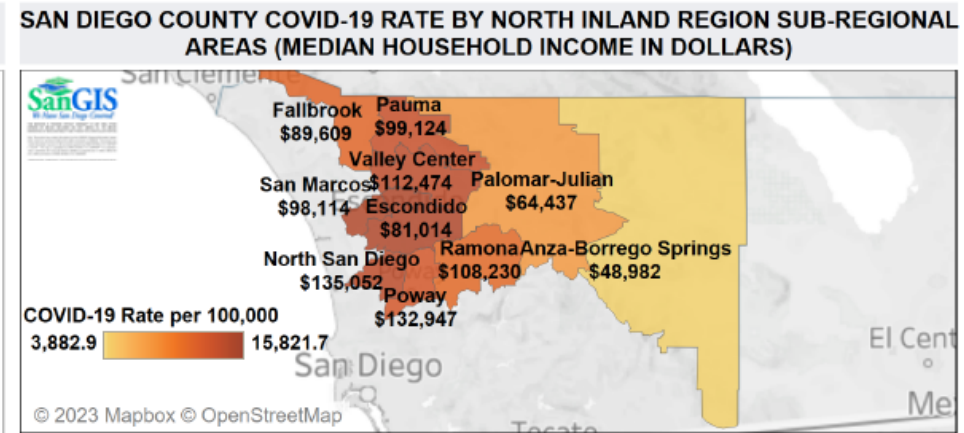
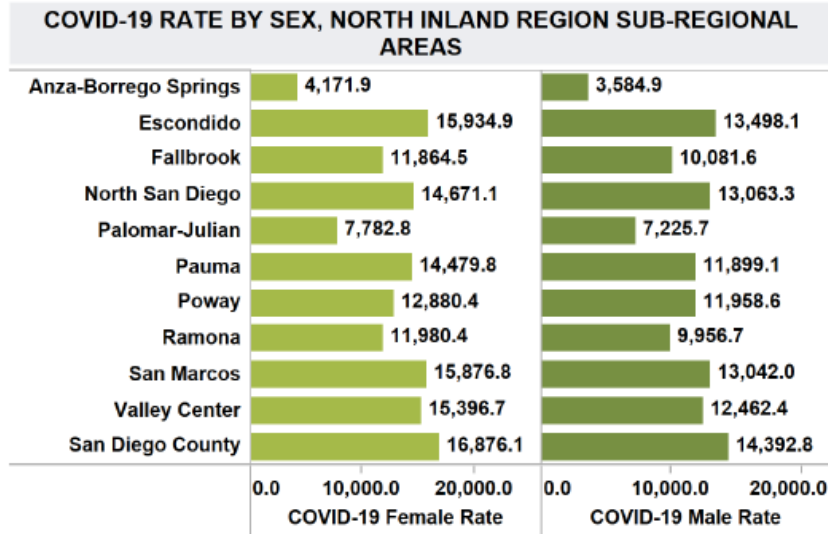
Health equity is achieved when “every person has the opportunity to ‘attain his or her full health potential’ and no one is disadvantaged from achieving this potential because of social position or other socially determined circumstances.” -Centers for Disease Control and Prevention



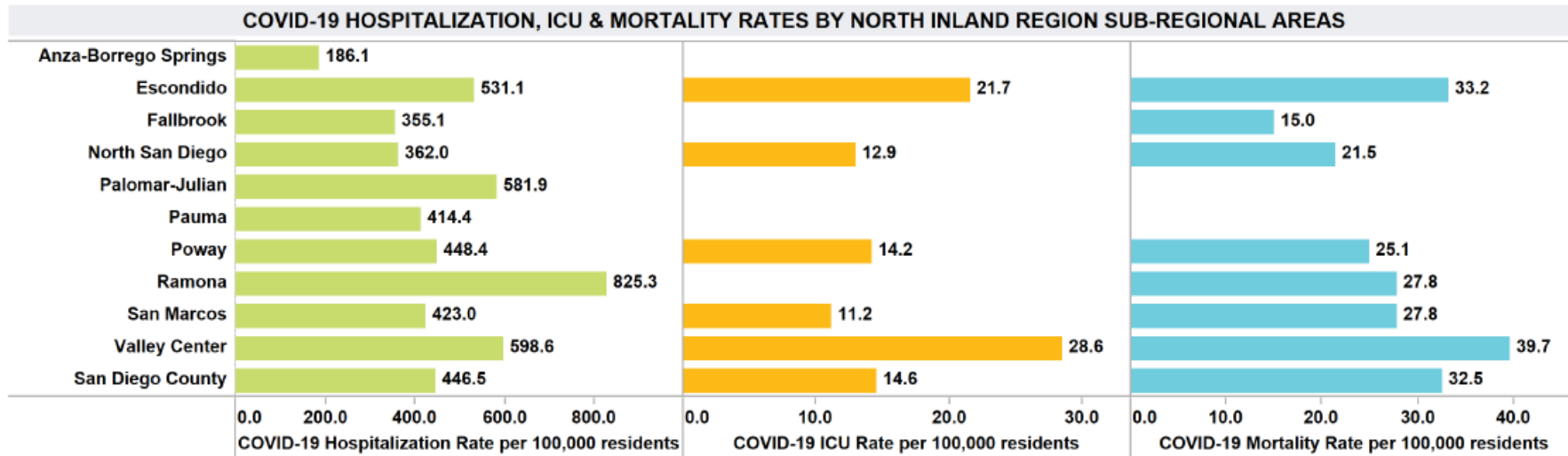
Data through 1/1/2022-12/31/2022. Data are preliminary and subject to change. More information may become available as individual case investigations are completed. ^SRA of residence, which may not be location of exposure, only cases with known zip code are included in rate calculation. Data source: San Diego County Communicable Disease Registry. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 1/27/2023.



# SAN DIEGO COUNTY CUMULATIVE COVID-19 RATE\* PER 100,000 RESIDENTS BY NORTH INLAND REGION SUB-REGIONAL AREAS^ (DATA THROUGH JANUARY 1, 2022 - DECEMBER 31, 2022)



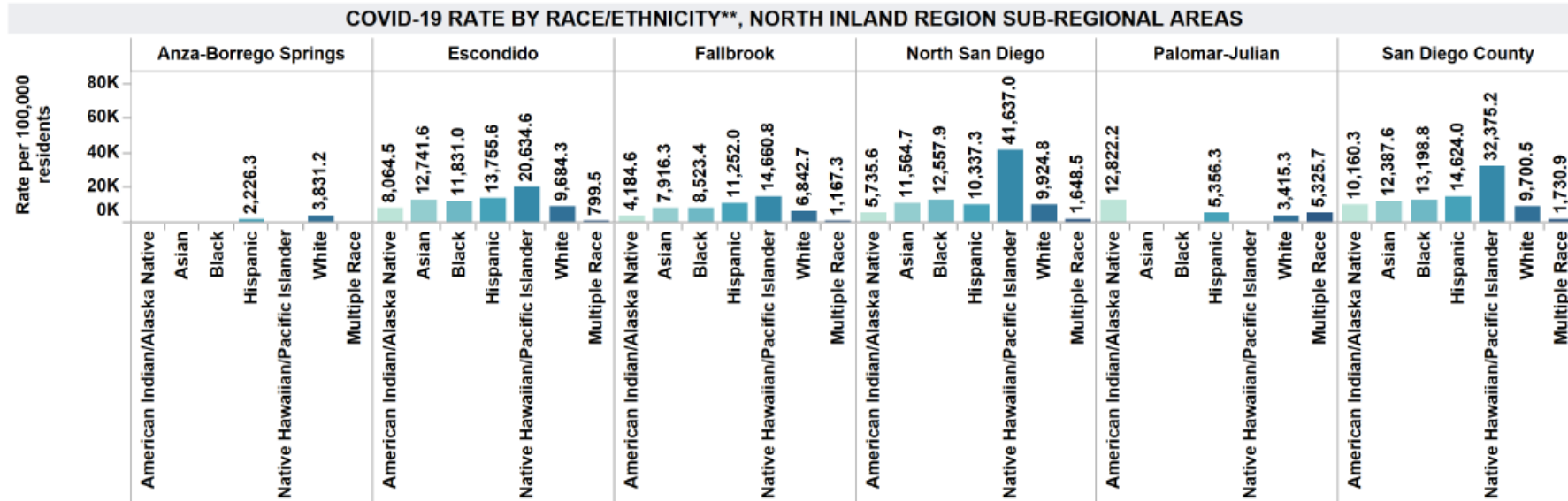
Health equity is achieved when “every person has the opportunity to ‘attain his or her full health potential’ and no one is disadvantaged from achieving this potential because of social position or other socially determined circumstances.” -Centers for Disease Control and Prevention



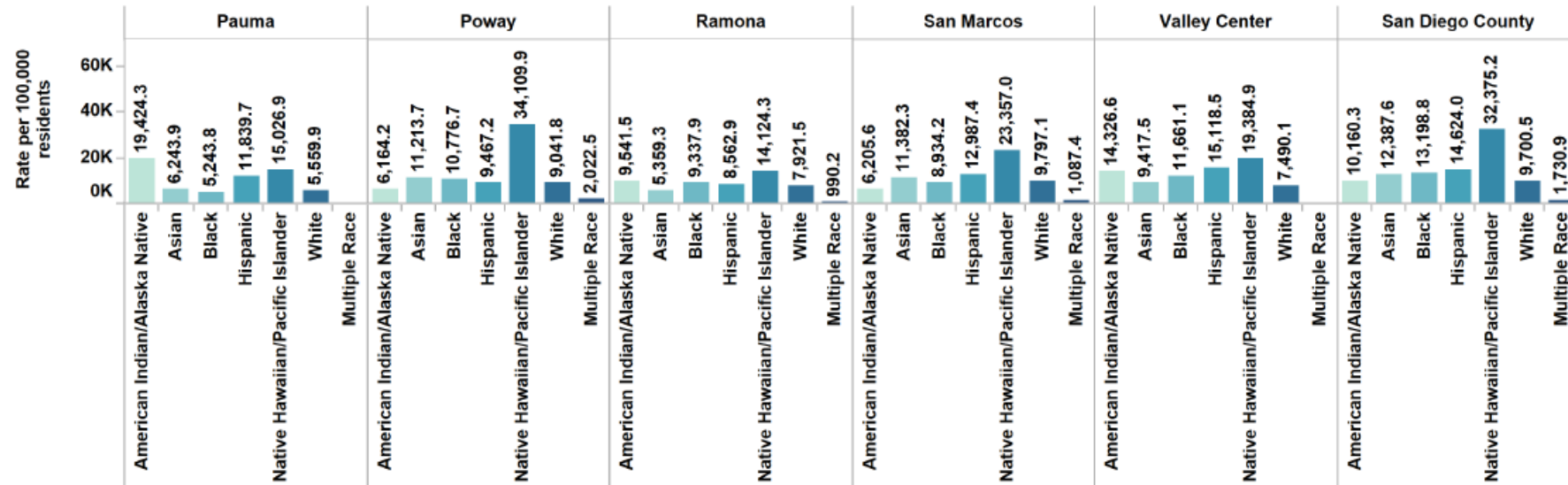
Data through 1/1/2022-12/31/2022. Data are preliminary and subject to change. More information may become available as individual case investigations are completed. ^SRA of residence, which may not be location of exposure, only cases with known zip code are included in rate calculation. Data source: San Diego County Communicable Disease Registry. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 1/27/2023.



# SAN DIEGO COUNTY CUMULATIVE COVID-19 RATE\* PER 100,000 RESIDENTS BY NORTH INLAND REGION SUB-REGIONAL AREAS^ (DATA THROUGH JANUARY 1, 2022 - DECEMBER 31, 2022)



\*A rate is the number of cases divided by the population, usually multiplied by a constant (100,000 in the following example). For example 987 cases, divided by population of 654,321, would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150- 151 cases would be expected.

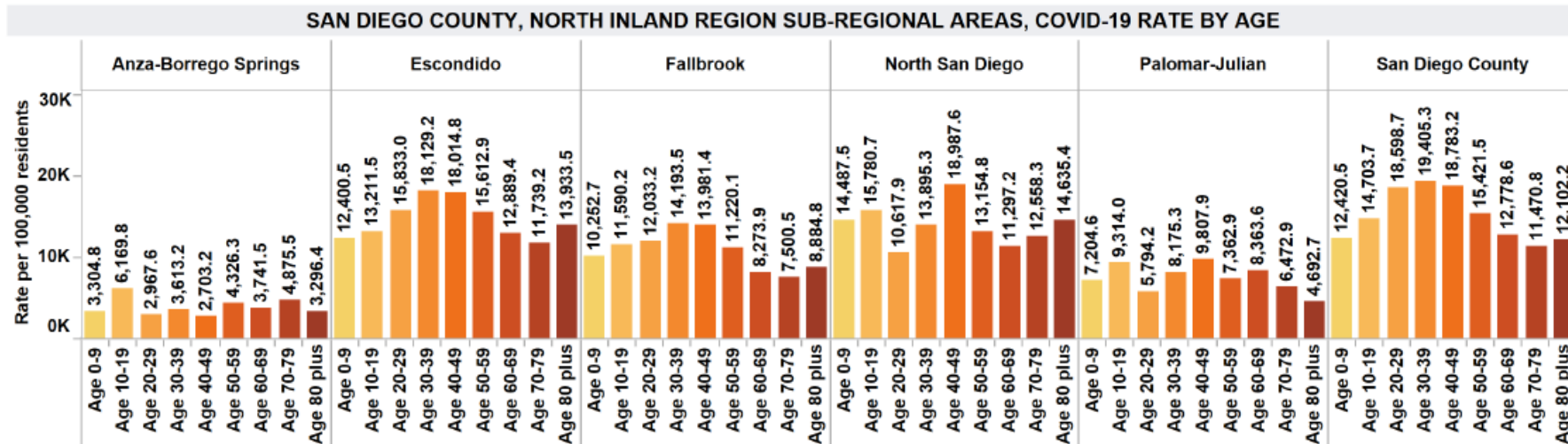


\*\*Persons of Hispanic/Latino ethnicity may belong to any race group. All categories except Hispanic/Latino include persons for whom race is known but ethnicity is non-Hispanic or unknown. Data through 1/1/2022-12/31/2022. Data are preliminary and subject to change. More information may become available as individual case investigations are completed. ^SRA of residence, which may not be location of exposure, only cases with known zip code are included in rate calculation. Data source: San Diego County Communicable Disease Registry. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 1/27/2023.



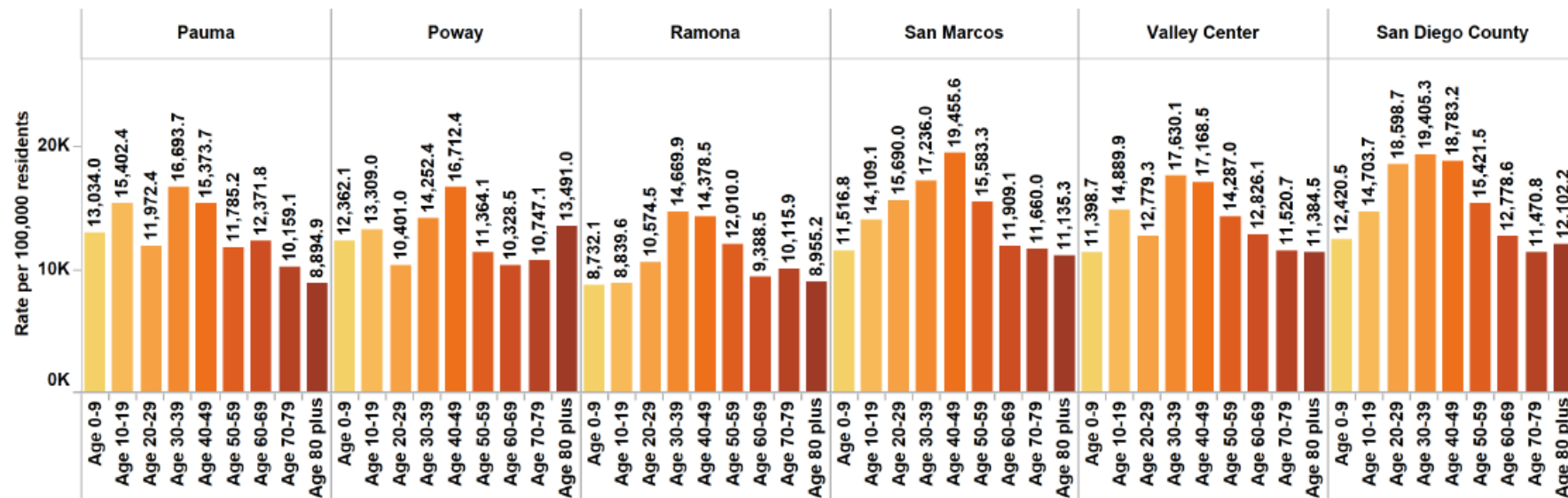


# SAN DIEGO COUNTY CUMULATIVE COVID-19 RATE\* PER 100,000 RESIDENTS BY NORTH INLAND REGION SUB-REGIONAL AREAS^ (DATA THROUGH JANUARY 1, 2022 - DECEMBER 31, 2022)



\*A rate is the number of cases divided by the population, usually multiplied by a constant (100,000 in the following example). For example 987 cases, divided by population of 654,321, would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150- 151 cases would be expected.

Health equity is achieved when “every person has the opportunity to ‘attain his or her full health potential’ and no one is disadvantaged from achieving this potential because of social position or other socially determined circumstances.” -Centers for Disease Control and Prevention



Data through 1/1/2022-12/31/2022. Data are preliminary and subject to change. More information may become available as individual case investigations are completed. ^SRA of residence, which may not be location of exposure, only cases with known zip code are included in rate calculation. Data source: San Diego County Communicable Disease Registry. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 1/27/2023.





# BEHAVIORAL HEALTH

---



LIVE WELL  
SAN DIEGO



# MEDICAL ENCOUNTERS – BEHAVIORAL HEALTH NORTH COASTAL REGION



LIVE WELL  
SAN DIEGO

## Top 5 Medical Encounter Rates (Age-Adjusted\*) due to Behavioral Health Conditions in North Coastal Region, 2021

### Age-Adjusted Death Rate

Condition	Age-Adjusted Rate (per 100,000)
Opioid Overdoses	23.29
Stimulant Overdoses	16.89
Alcohol Related Disorders	16.11
Suicide	11.62
Sedative Overdoses	3.85

### Age-Adjusted ED Discharge Rate

Condition	Age-Adjusted Rate (per 100,000)
Alcohol Related Disorders	228.96
Self-harm/attempted suicide	192.48
Anxiety and Fear Related Disorders	142.08
Schizophrenia	100.91
Substance Related Disorders	96.24

### Age-Adjusted Hospitalization Rate

Condition	Age-Adjusted Rate (per 100,000)
Alcohol Related Disorders	57.21
Self-harm/attempted suicide	13.11
Opioid Overdoses	5.52
Substance Related Disorders	4.63
Mood Disorders	3.90

\*Age-adjusted rates per 100,000 residents. Rates not calculated for fewer than 11 events. Source: California Department of Public Health, 2021 California Vital Records Business Intelligence System (VRBIS); California Department of Healthcare Access and Information (HCAI), Emergency Department Discharge Database and Patient Discharge Database, 2021; SANDAG Population Estimates. 2021 population estimates were derived using the 2010 Census and data should be considered preliminary. The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, April 2023.



# MEDICAL ENCOUNTERS – BEHAVIORAL HEALTH NORTH INLAND REGION



LIVE WELL  
SAN DIEGO

## Top 5 Medical Encounter Rates (Age-Adjusted\*) due to Behavioral Health Conditions in North Inland Region, 2021

### Age-Adjusted Death Rate

Condition	Age-Adjusted Rate (per 100,000)
Opioid Overdoses	16.33
Alcohol Related Disorders	13.85
Stimulant Overdoses	11.21
Suicide	10.56
Sedative Overdoses	4.02

### Age-Adjusted ED Discharge Rate

Condition	Age-Adjusted Rate (per 100,000)
Self-harm/attempted suicide	241.86
Alcohol Related Disorders	172.08
Anxiety and Fear Related Disorders	148.35
Schizophrenia	135.06
Mood Disorders	84.56

### Age-Adjusted Hospitalization Rate

Condition	Age-Adjusted Rate (per 100,000)
Alcohol Related Disorders	46.27
Self-harm/attempted suicide	20.05
Stimulant Overdoses	7.22
Opioid Overdoses	5.81
Substance Related Disorders	5.24

\*Age-adjusted rates per 100,000 residents. Rates not calculated for fewer than 11 events. Source: California Department of Public Health, 2021 California Vital Records Business Intelligence System (VRBIS); California Department of Healthcare Access and Information (HCAI), Emergency Department Discharge Database and Patient Discharge Database, 2021; SANDAG Population Estimates. 2021 population estimates were derived using the 2010 Census and data should be considered preliminary. The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the patterns of mortality.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, April 2023.





# MENTAL HEALTH

---



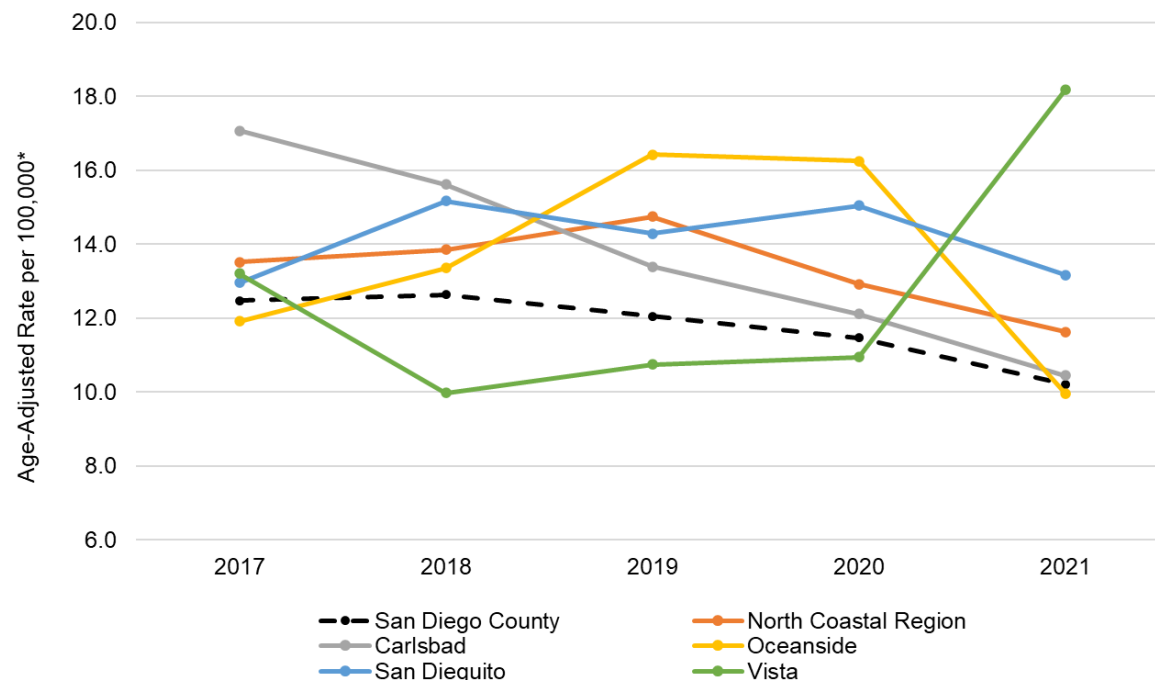


# SUICIDE – DEATH RATES AGE-ADJUSTED TRENDS



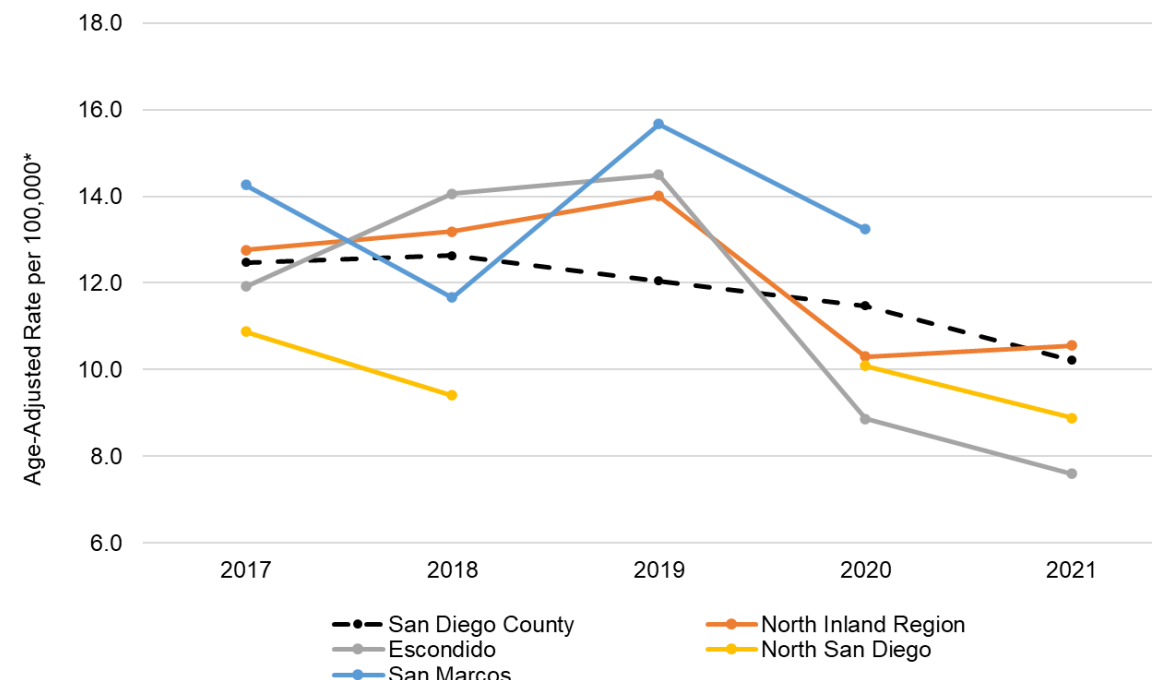
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Death Rates due to Suicide in North Coastal Region,  
San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to suicide **decreased** in **North Coastal Region** from 13.5 to 11.6 per 100,000. In 2021, the age-adjusted death rates due to suicide in North Coastal Region and its SRAs, except Oceanside, were higher than in San Diego County.

Age-Adjusted\* Death Rates due to Suicide in North Inland Region,  
San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to suicide **decreased** in **North Inland Region** from 12.8 to 10.6 per 100,000. Among North Inland Region SRAs, North San Diego had the highest age-adjusted death rate due to suicide (8.9 per 100,000) in 2021.

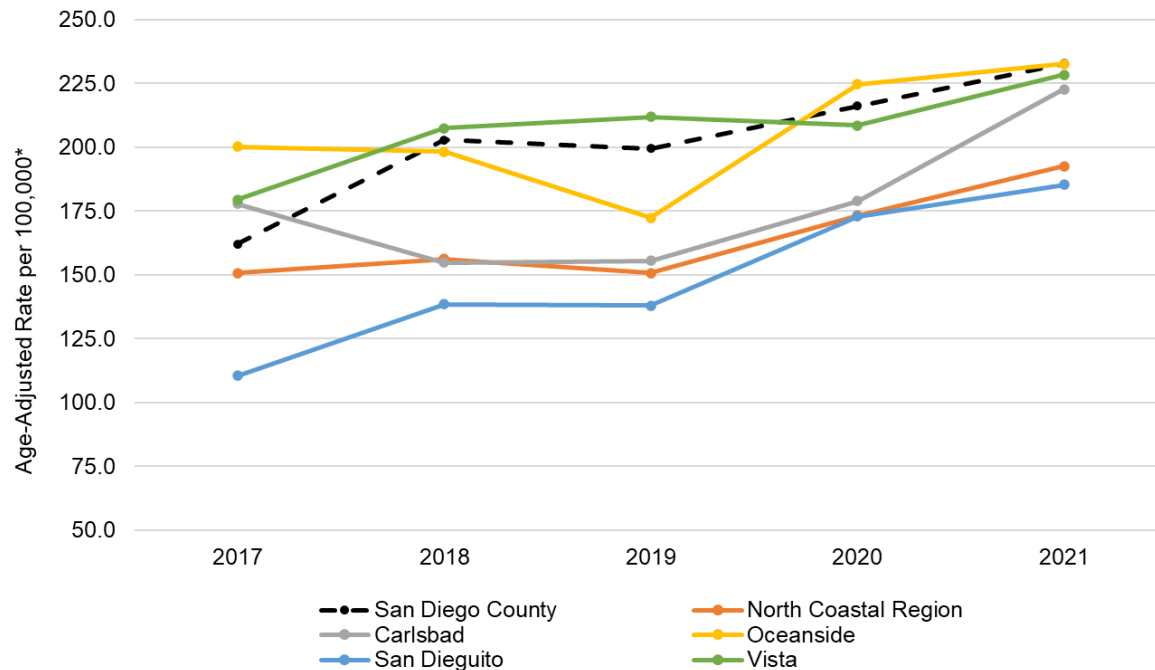


# SELF-HARM/ATTEMPTED SUICIDE ED DISCHARGE RATES AGE-ADJUSTED TRENDS



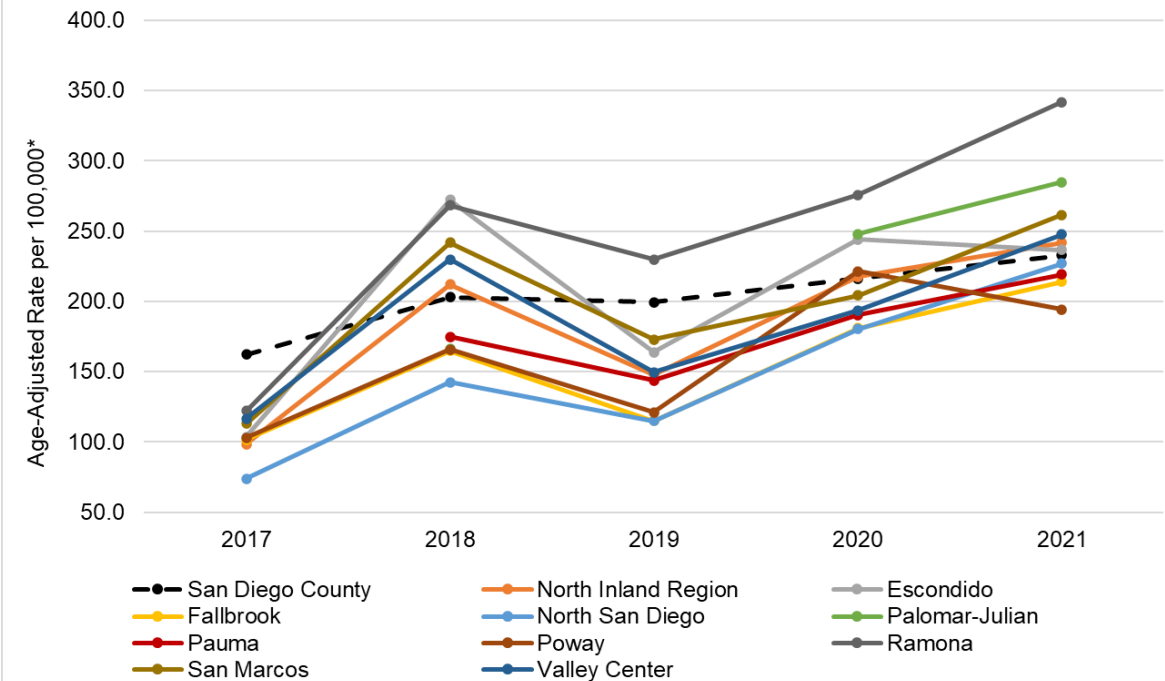
LIVE WELL  
SAN DIEGO

Age-Adjusted\* ED Discharge Rates due to Self-Harm/Attempted Suicide in North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to self-harm/attempted suicide **increased** in **North Coastal Region** from 150.7 to 192.5 per 100,000. In 2021, the age-adjusted ED discharge rates due to self-harm/attempted suicide in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* ED Discharge Rates due to Self-Harm/Attempted Suicide in North Inland Region, San Diego County, 2017-2021



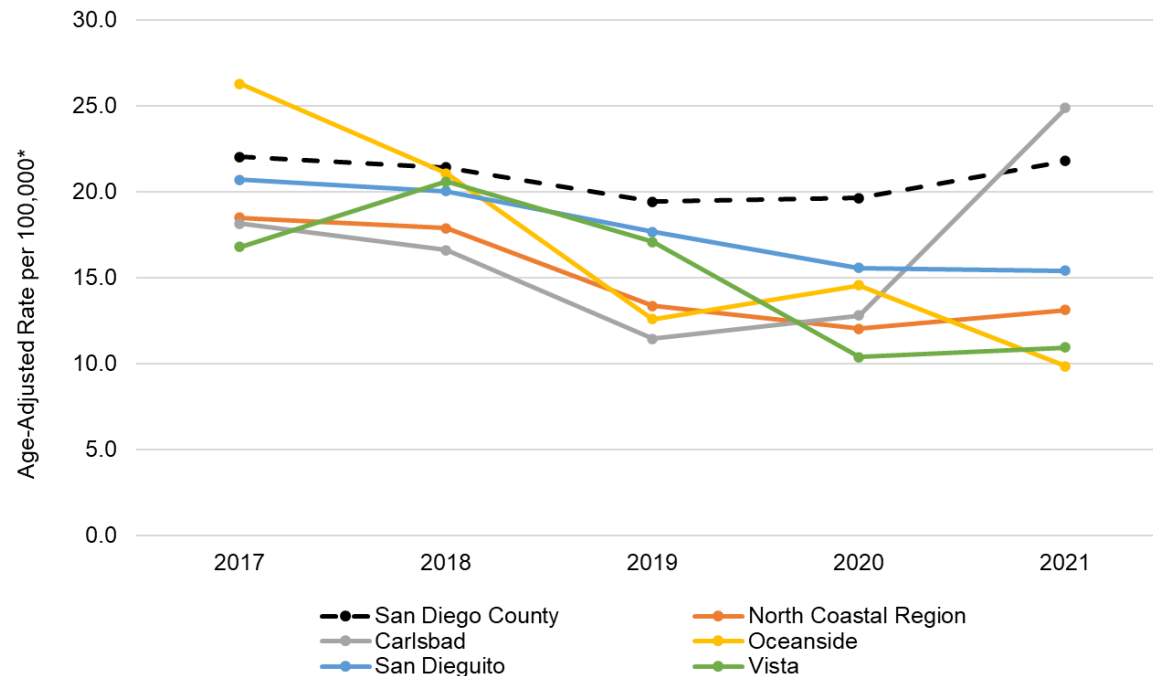
From 2017-2021, age-adjusted ED discharge rates due to self-harm/attempted suicide **increased** in **North Inland Region** from 98.5 to 241.9 per 100,000. Among North Inland Region SRAs, Ramona had the highest age-adjusted ED discharge rate due to self-harm/attempted suicide (341.7 per 100,000) in 2021.



# SELF-HARM/ATTEMPTED SUICIDE HOSPITALIZATION RATES AGE-ADJUSTED TRENDS

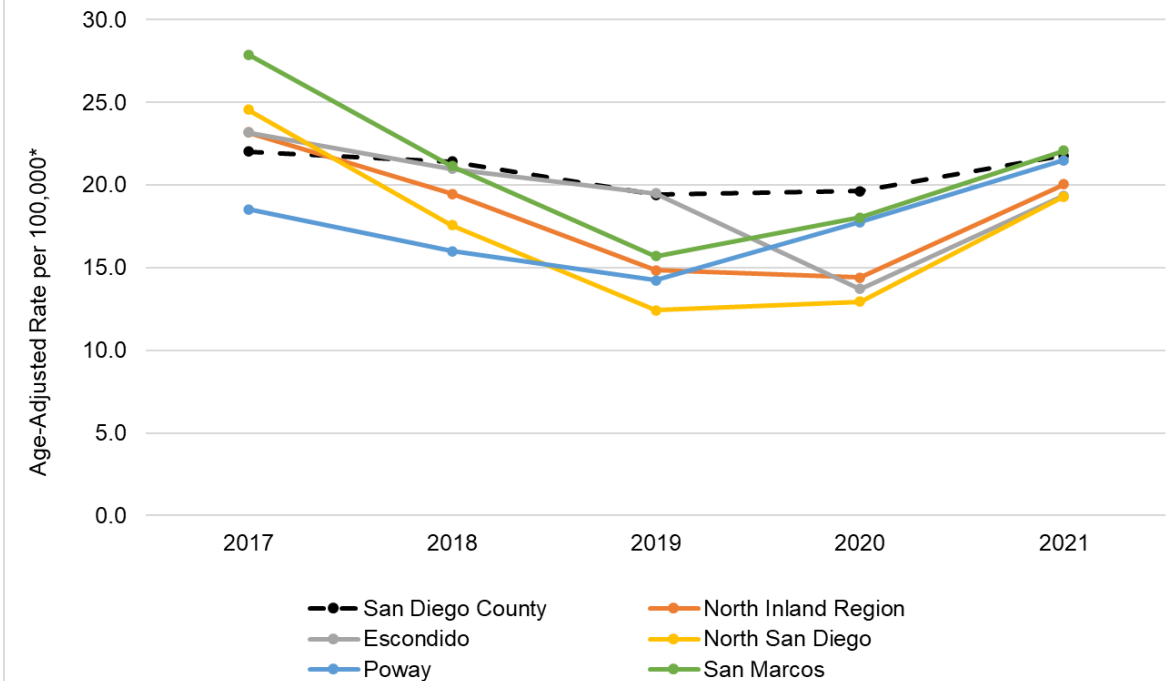


Age-Adjusted\* Hospitalization Rates due to Self-Harm/Attempted Suicide in North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to self-harm/attempted suicide **decreased** in **North Coastal Region** from 18.5 to 13.1 per 100,000. In 2021, the age-adjusted hospitalization rates due to self-harm/attempted suicide in North Coastal Region and its SRAs, except Carlsbad, were lower than in San Diego County.

Age-Adjusted\* Hospitalization Rates due to Self-Harm/Attempted Suicide in North Inland Region, San Diego County, 2017-2021



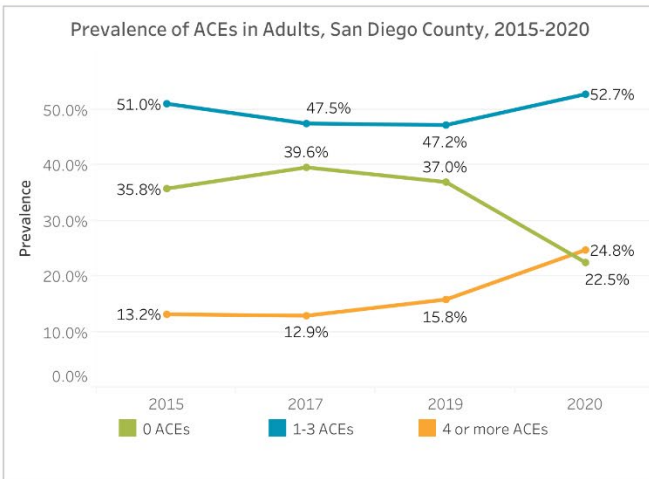
From 2017-2021, age-adjusted hospitalization rates due to self-harm/attempted suicide **decreased** in **North Inland Region** from 23.2 to 20.1 per 100,000. Among North Inland Region SRAs, San Marcos had the highest age-adjusted hospitalization rate due to self-harm/attempted suicide (22.1 per 100,000) in 2021.



# ADVERSE CHILDHOOD EXPERIENCES (ACEs)



## ACEs Among Adults (Adult Retrospective), San Diego County, 2015-2020

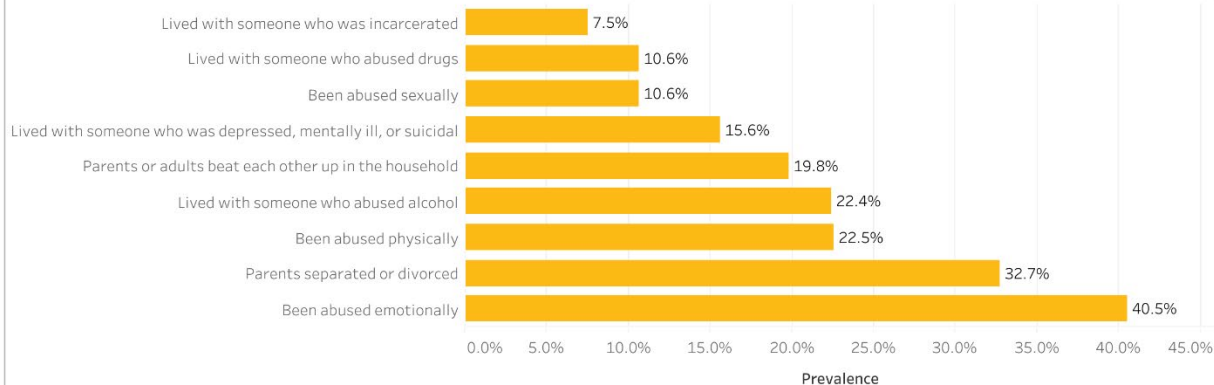


The percent of adults in San Diego County who experienced **at least one ACE** increased from 2015 to 2020.

In 2020, roughly **1 in 4** adults reported experiencing **4 or more ACEs** in San Diego County.

From 2015-2019, **emotional abuse (40.5%)** was the most common ACE in San Diego County.

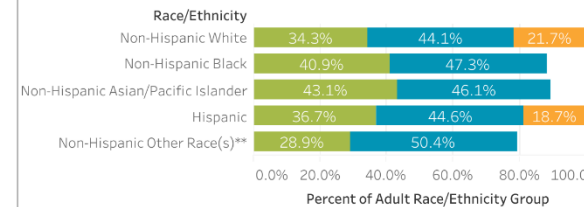
### Prevalence of Types of ACEs in Adults, San Diego County, 2015-2019



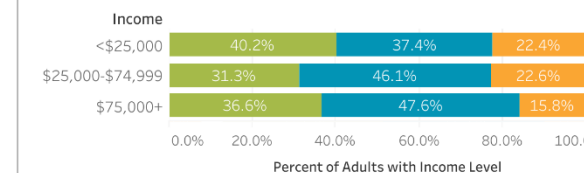
## ACEs Among Adults (Adult Retrospective), San Diego County, 2015-2019

ACE Count: 0 ACEs 1 to 3 ACEs 4 or more ACEs

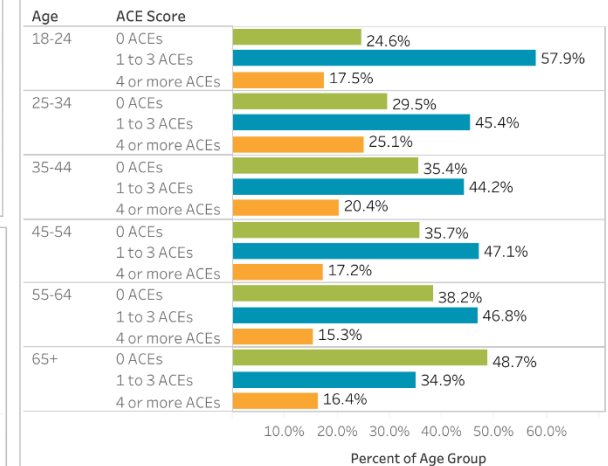
### Distribution of ACE Scores\* in Adults by Race/Ethnicity, San Diego County, 2015-2019



### Distribution of ACE Scores in Adults by Income Level, San Diego County, 2015-2019



### Distribution of ACE Scores in Adults by Age, San Diego County, 2015-2019

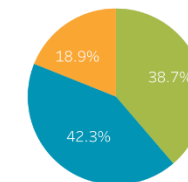


### Distribution of ACE Scores in Female Adults, San Diego County, 2015-2019

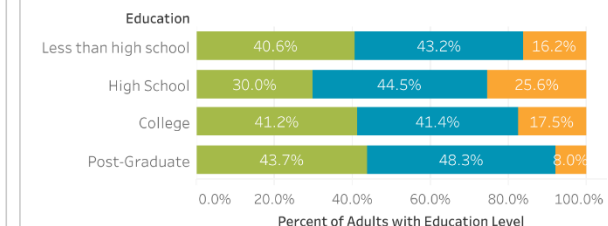
Select a sex below to view prevalence of ACEs in adults by sex in San Diego County.

Sex

Female



### Distribution of ACE Scores in Adults by Education Level, San Diego County, 2015-2019



\*Statistically unstable estimates not shown.

\*\* Other Race(s) includes: non-Hispanic American Indian/Alaskan Native, multi-racial, and other race/ethnicity.

Source: Centers for Disease Control (CDC). The Behavioral Risk Factor Surveillance System (BRFSS) 2015, 2017, 2019.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, August 2022.



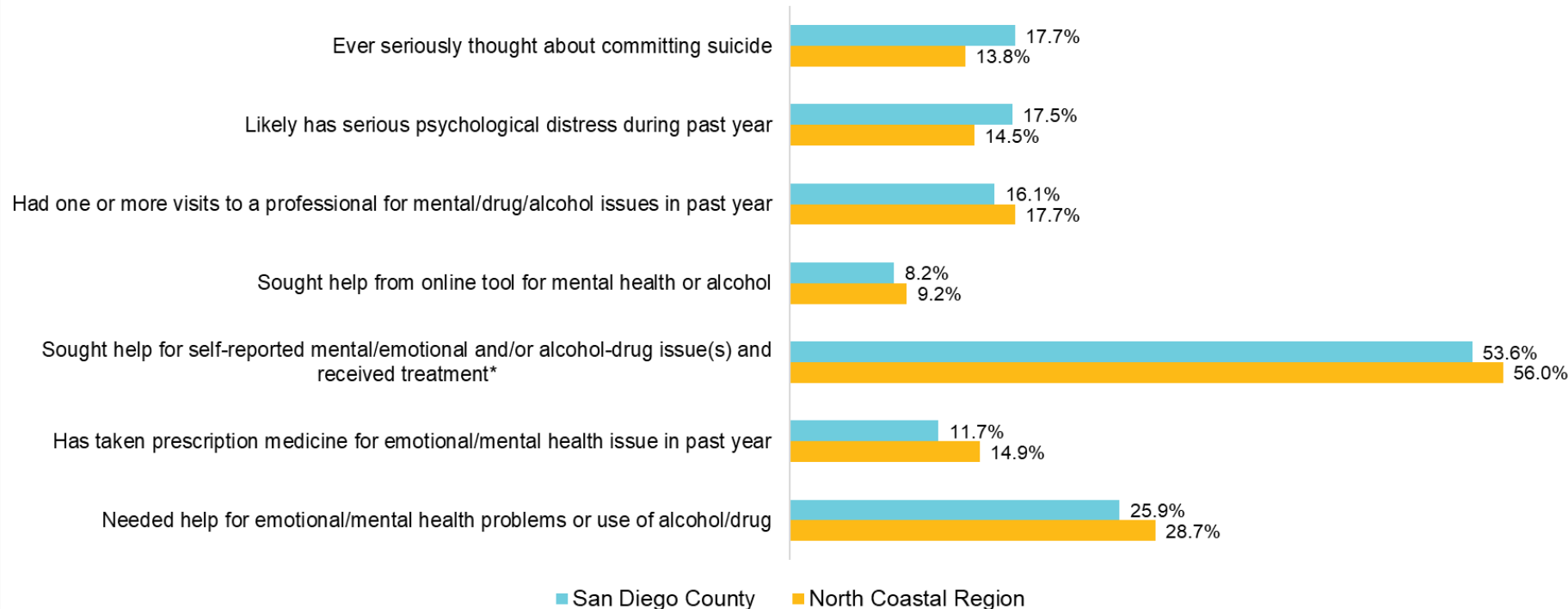


# SURVEY DATA – ADULTS NORTH COASTAL REGION



LIVE WELL  
SAN DIEGO

## Mental and Emotional Health Among Adults in North Coastal Region, San Diego County, 2021



**In North Coastal Region**, 28.7% of adults reported that they needed help for emotional/mental health problems or use of alcohol/drugs.

However, 17.7% had visited a professional for mental/drug/alcohol issues 1 or more times the past year.

\*Asked of adults who felt they might need to see a professional for problems with emotions or drugs/alcohol.

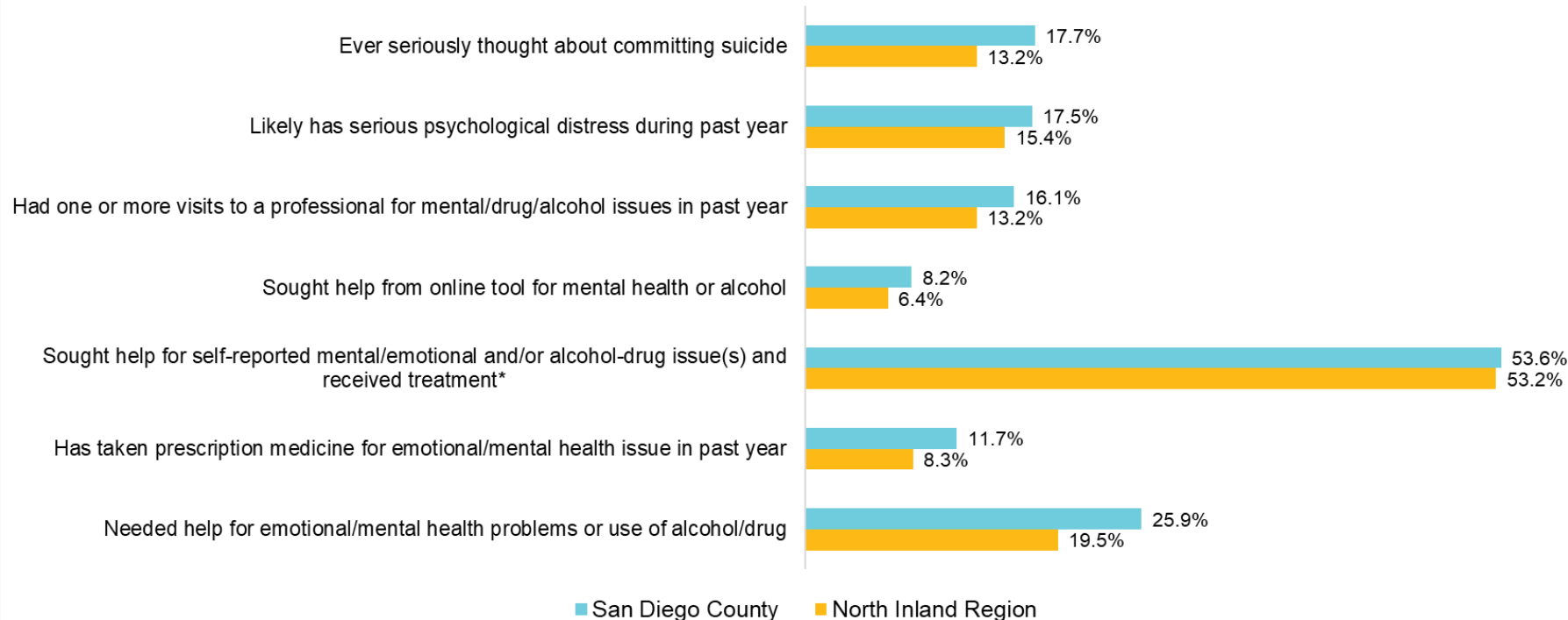
Source: UCLA Center for Health Policy Research, Los Angeles, CA. California Health Interview Survey, AskCHIS 2021. Available at <http://ask.chis.ucla.edu>. Exported on May 21, 2023.



# SURVEY DATA – ADULTS NORTH INLAND REGION



## Mental and Emotional Health Among Adults in North Inland Region, San Diego County, 2021



**In North Inland Region,** 19.5% of adults reported that they needed help for emotional/mental health problems or use of alcohol/drugs.

However, 13.2% had visited a professional for mental/drug/alcohol issues 1 or more times the past year.

\*Asked of adults who felt they might need to see a professional for problems with emotions or drugs/alcohol.

Source: UCLA Center for Health Policy Research, Los Angeles, CA. California Health Interview Survey, AskCHIS 2021. Available at <http://ask.chis.ucla.edu>. Exported on May 21, 2023.





# QUESTIONS?

---



LIVE WELL  
SAN DIEGO





***Draft Goal:*** Improve the community's awareness of and access to mental health prevention efforts and services that are responsive to all needs, culturally relevant, and locally-based.

***Draft Objectives:***

1. Improve the mental health information and referral system in North County.
2. Strengthen community-based organizations' ability to navigate and connect their clients to services in North county.
3. Design and conduct community outreach campaigns that reduce stigma and build awareness of supportive services in North County.
4. Assist our mental health workforce in North County in accessing personal care and professional support.





# SUBSTANCE USE

---



LIVE WELL  
SAN DIEGO

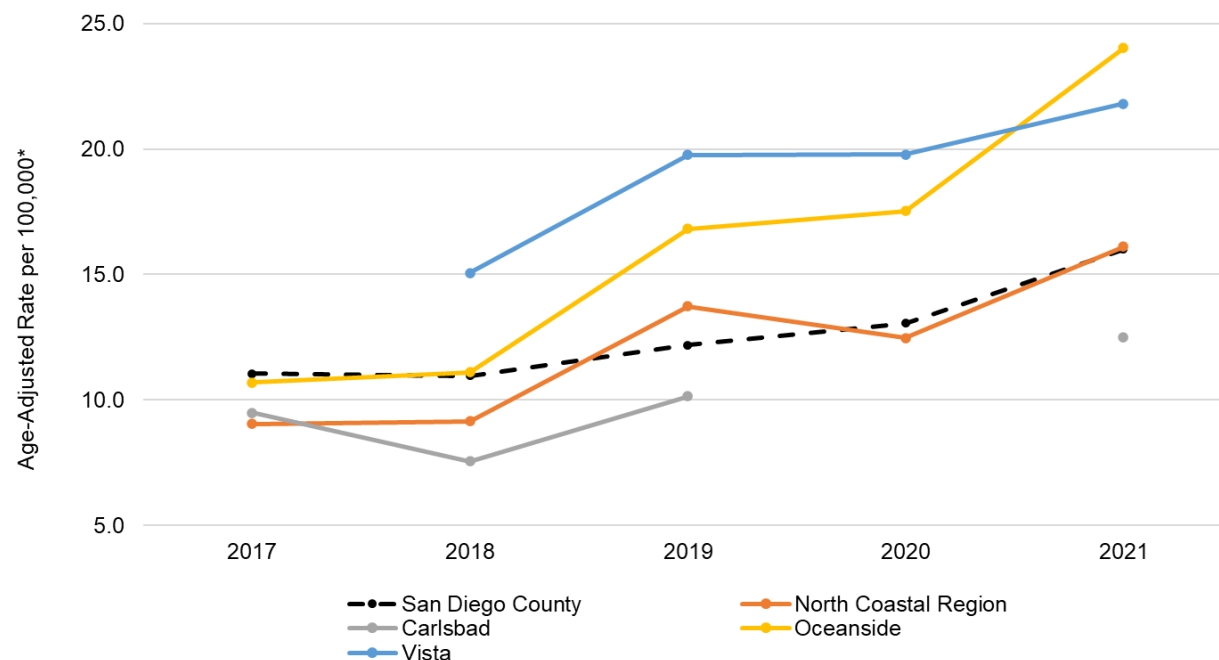


# ALCOHOL RELATED DISORDERS DEATH RATES - AGE-ADJUSTED TRENDS



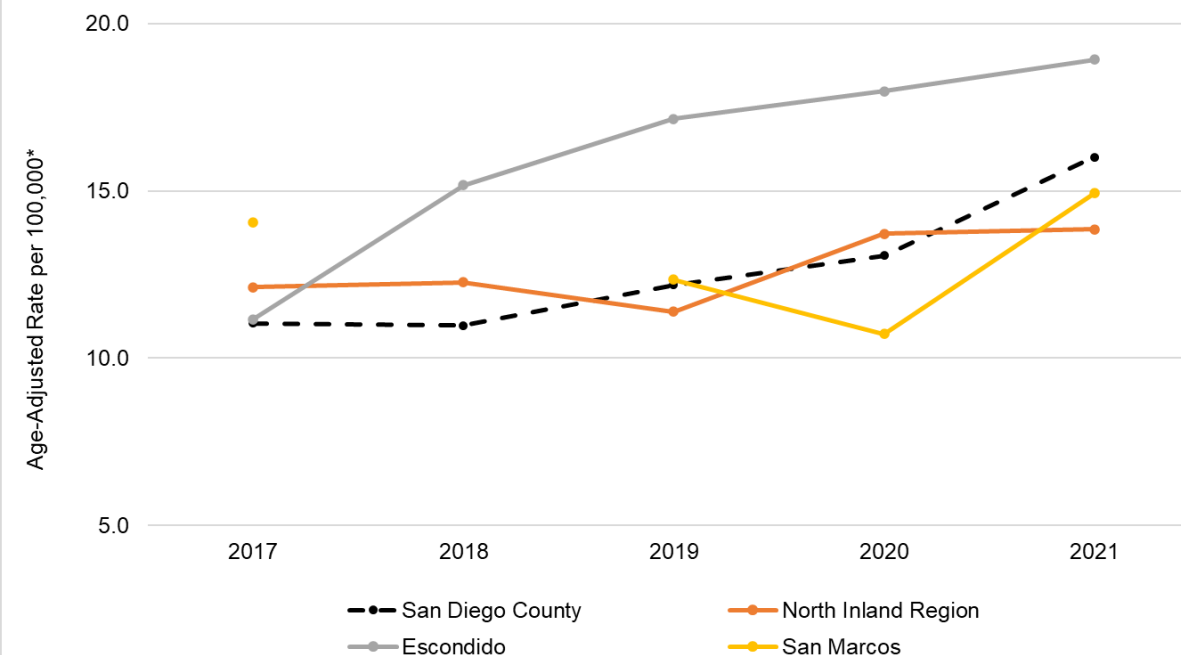
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Death Rates due to Alcohol Related Disorders in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to alcohol related disorders **increased** in **North Coastal Region** from 9.1 to 16.1 per 100,000. Among North Coastal Region SRAs, Oceanside had the highest age-adjusted death rate due to alcohol related disorders (24.0 per 100,000) in 2021.

Age-Adjusted\* Death Rates due to Alcohol Related Disorders in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to alcohol related disorders **increased** in **North Inland Region** from 12.1 to 13.9 per 100,000. Among North Inland Region SRAs, Escondido had the highest age-adjusted death rate due to alcohol related disorders (18.9 per 100,000) in 2021.

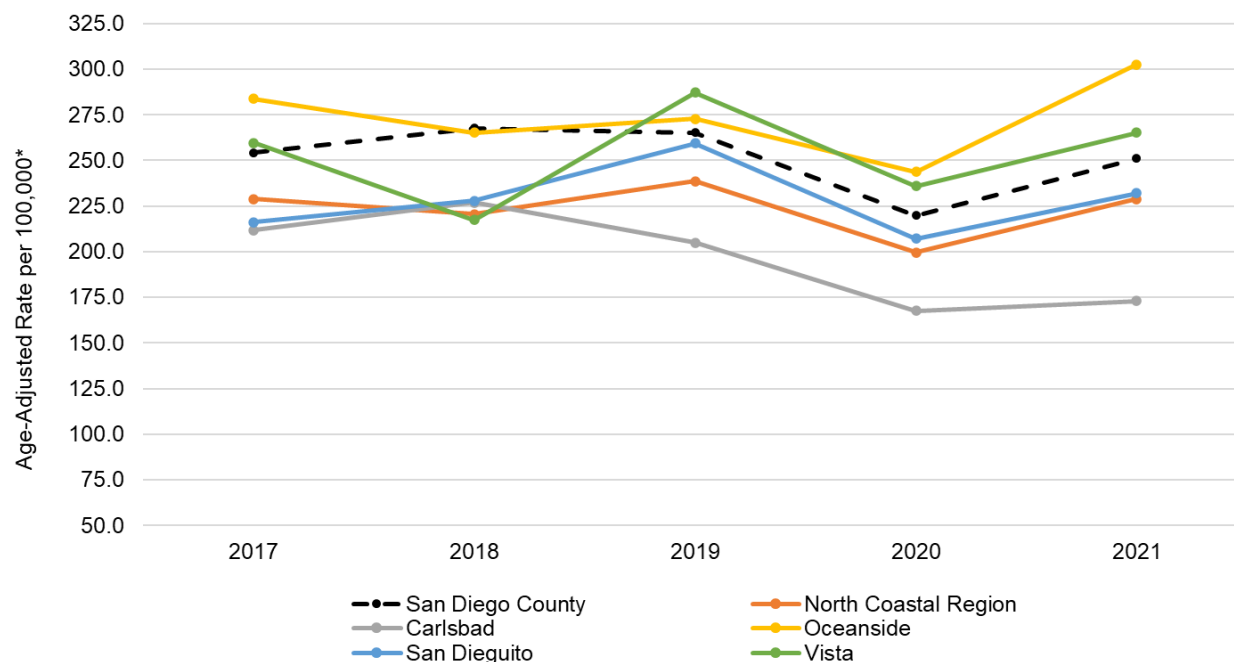


# ALCOHOL RELATED DISORDERS ED DISCHARGE RATES - AGE-ADJUSTED TRENDS



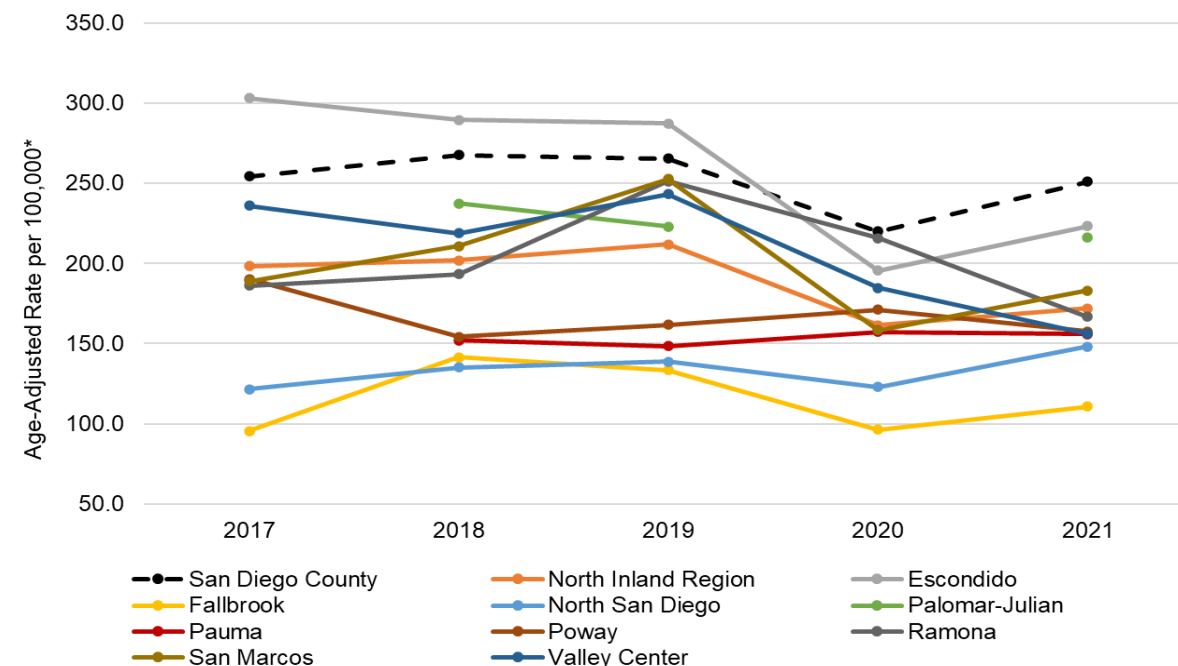
LIVE WELL  
SAN DIEGO

Age-Adjusted\* ED Discharge Rates due to Alcohol Related Disorders in North Coastal Region, San Diego County, 2017-2021



From 2017-2021, the age-adjusted ED discharge rates due to alcohol related disorders in **North Coastal Region** were lower than in San Diego County. Among North Coastal Region SRAs, Oceanside had the highest age-adjusted ED discharge rate due to alcohol related disorders (302.4 per 100,000) in 2021.

Age-Adjusted\* ED Discharge Rates due to Alcohol Related Disorders in North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to alcohol related disorders **decreased** in **North Inland Region** from 198.4 to 172.1 per 100,000. Among North Inland Region SRAs, Escondido had the highest age-adjusted ED discharge rate due to alcohol related disorders (223.2 per 100,000) in 2021.

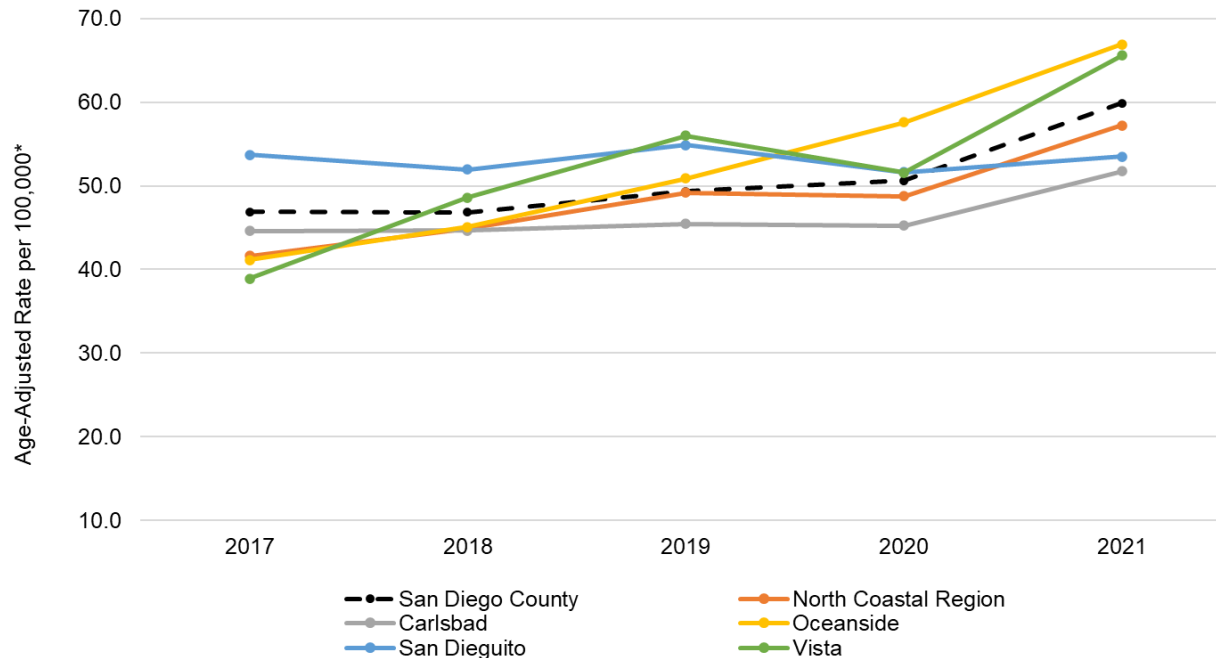


# ALCOHOL RELATED DISORDERS HOSPITALIZATION RATES - AGE-ADJUSTED TRENDS



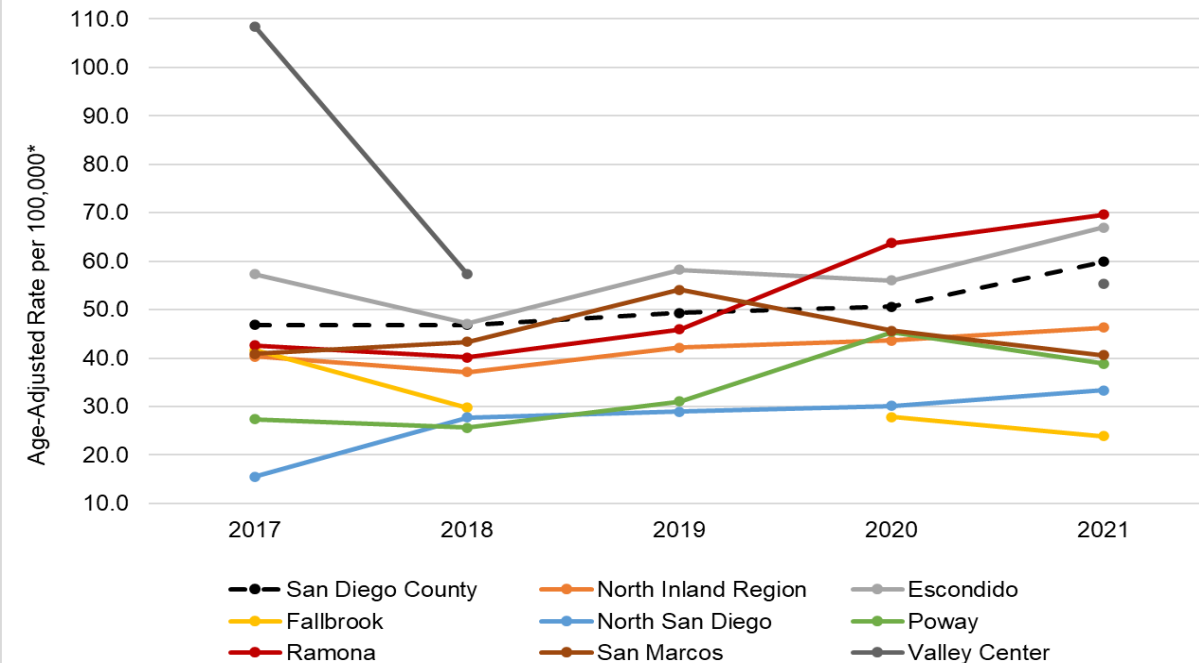
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Hospitalization Rates due to Alcohol Related Disorders in North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to alcohol related disorders **increased** in **North Coastal Region** from 41.6 to 57.2 per 100,000. In 2021, the age-adjusted hospitalization rates due to alcohol related disorders in North Coastal Region and its SRAs, except Oceanside and Vista, were lower than in San Diego County.

Age-Adjusted\* Hospitalization Rates due to Alcohol Related Disorders in North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to alcohol related disorders **increased** in **North Inland Region** from 40.3 to 46.3 per 100,000. Among North Inland Region SRAs, Ramona had the highest age-adjusted hospitalization rate due to alcohol related disorders (69.6 per 100,000) in 2021.

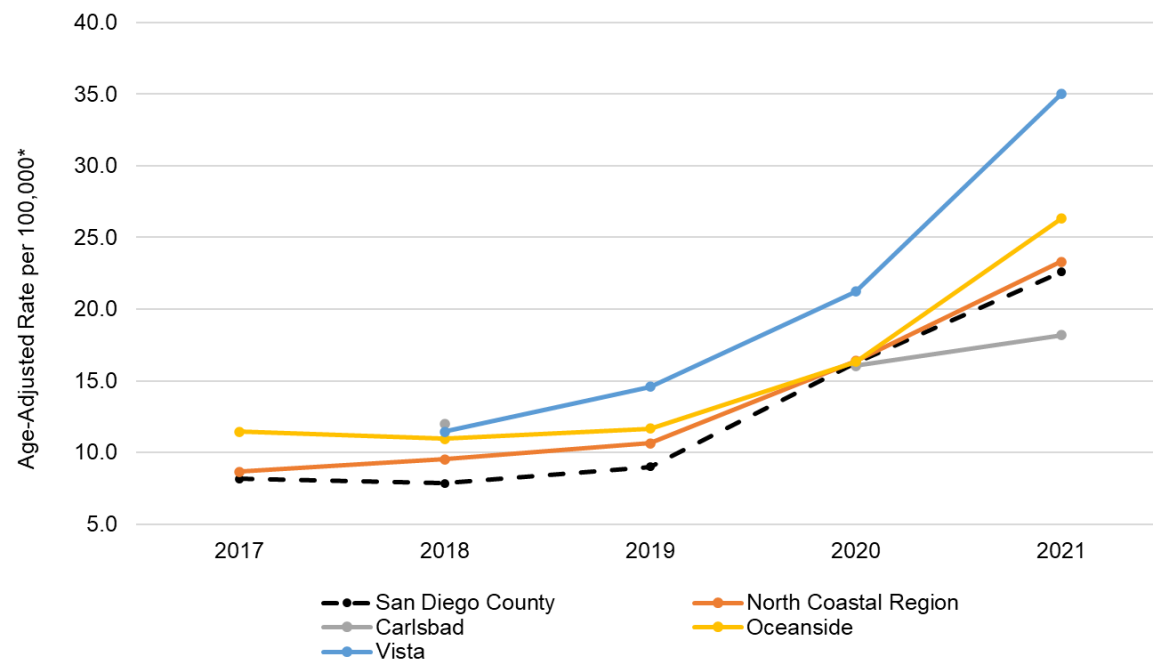


# OPIOID OVERDOSES - DEATH RATES AGE-ADJUSTED TRENDS



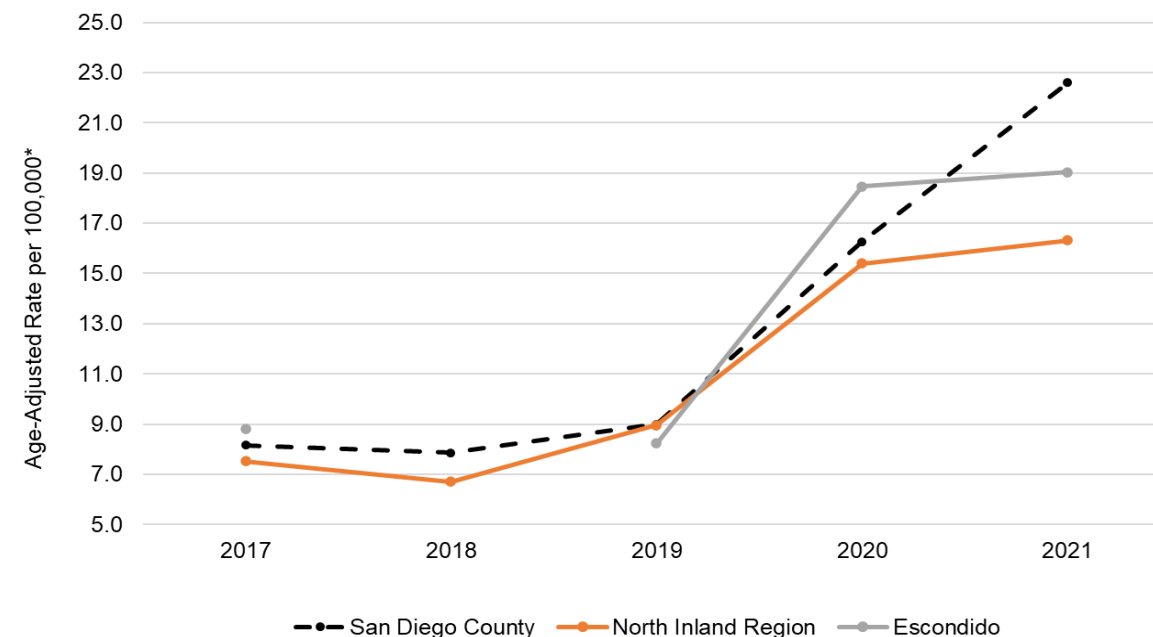
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Death Rates due to Opioid Overdoses in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted death rates due to opioid overdoses **increased** in **North Coastal Region** from 8.7 to 23.3 per 100,000. Among North Coastal Region SRAs, Vista had the highest age-adjusted death rate due to opioid overdoses (35.0 per 100,000) in 2021.

Age-Adjusted\* Death Rates due to Opioid Overdoses in  
North Inland Region, San Diego County, 2017-2021



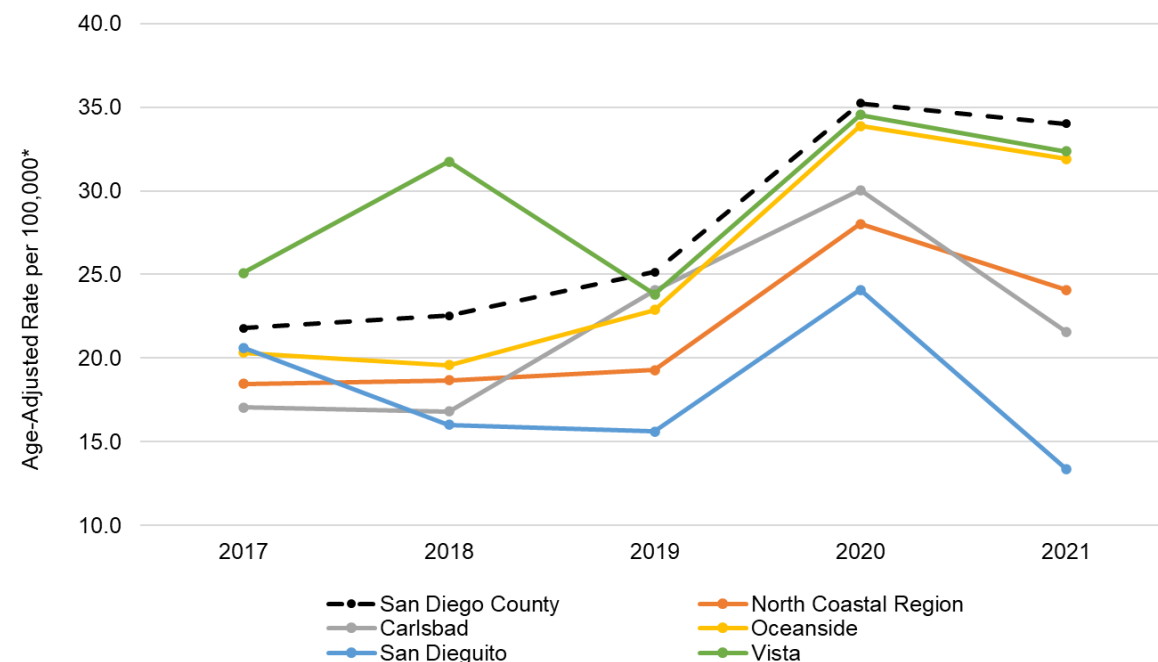
From 2017-2021, age-adjusted death rates due to opioid overdoses **increased** in **North Inland Region** from 7.5 to 16.3 per 100,000. In North Inland Region, Escondido SRA had the highest age-adjusted death rate due to opioid overdoses (19.0 per 100,000) in 2021.



# OPIOID OVERDOSES - ED DISCHARGE RATES AGE-ADJUSTED TRENDS

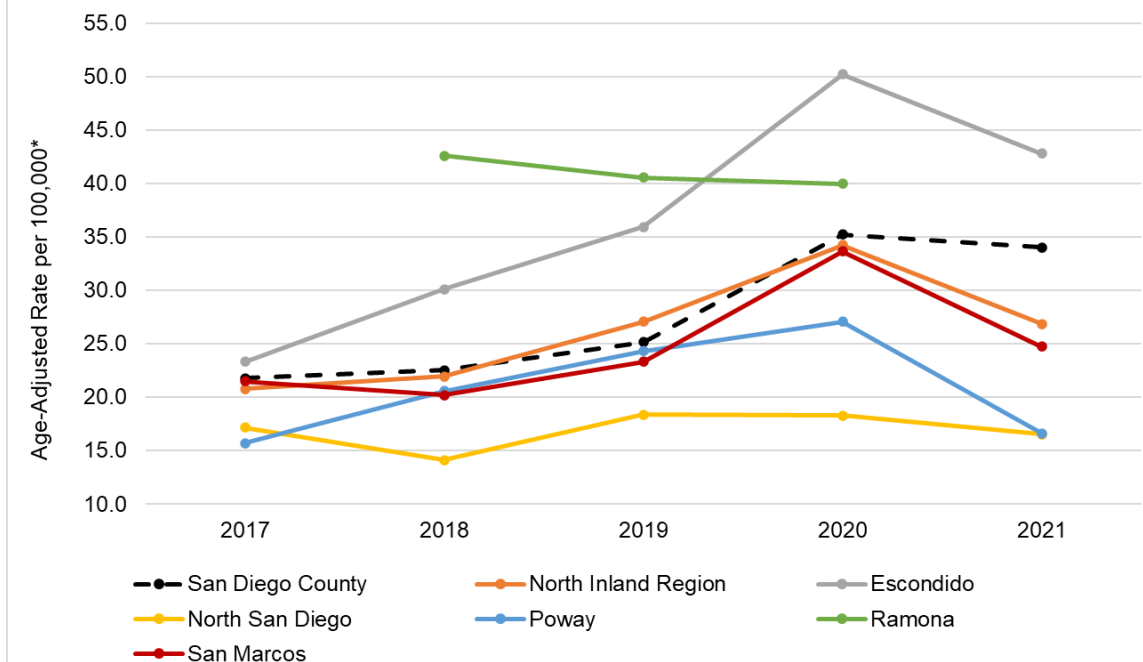


Age-Adjusted\* ED Discharge Rates due to Opioid Overdoses in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to opioid overdoses **increased** in **North Coastal Region** from 18.5 to 24.1 per 100,000. In 2021, the age-adjusted ED discharge rates due to opioid overdoses in North Coastal Region and its SRAs were lower than in San Diego County.

Age-Adjusted\* ED Discharge Rates due to Opioid Overdoses in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted ED discharge rates due to opioid overdoses **increased** in **North Inland Region** from 20.8 to 26.8 per 100,000. Among North Inland Region SRAs, Escondido had the highest age-adjusted ED discharge rate due to opioid overdoses (42.8 per 100,000) in 2021.

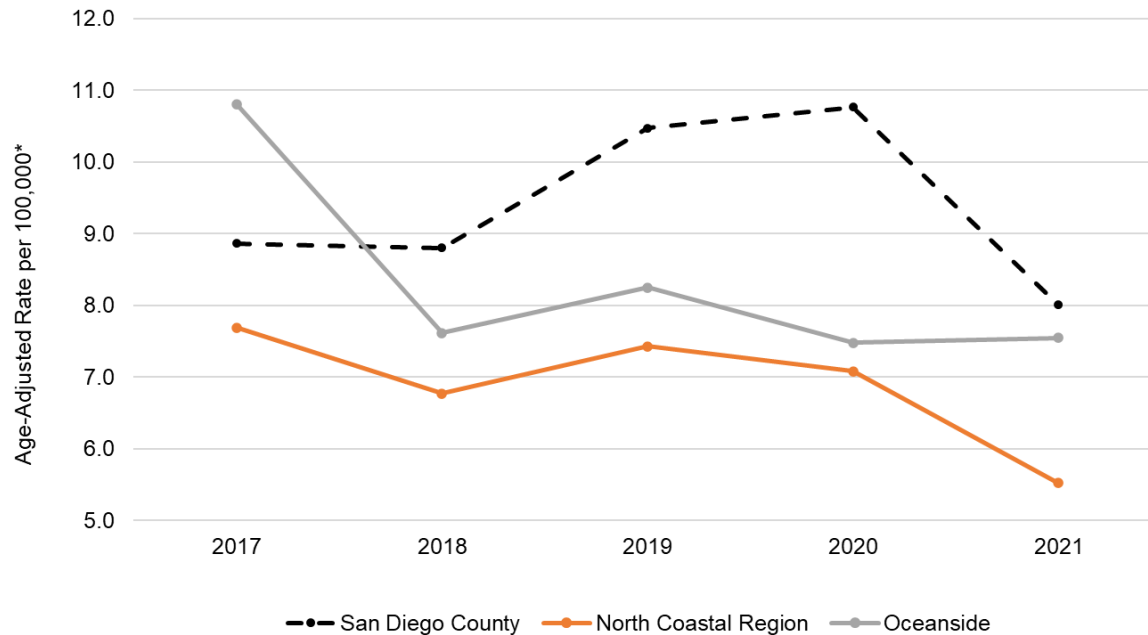


# OPIOID OVERDOSES - HOSPITALIZATION RATES AGE-ADJUSTED TRENDS



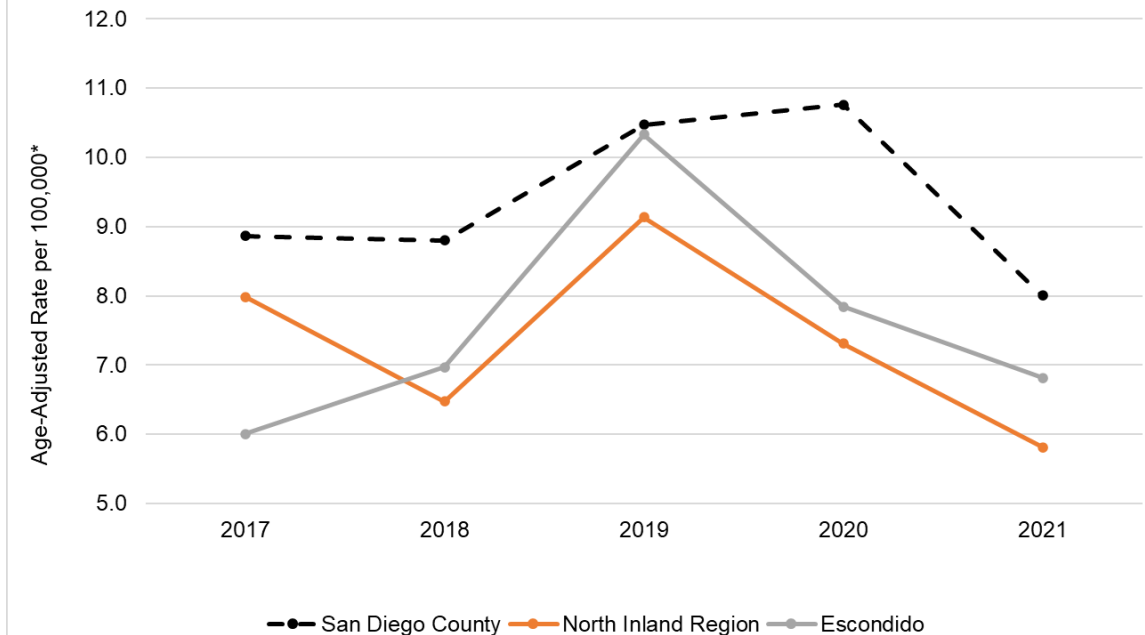
LIVE WELL  
SAN DIEGO

Age-Adjusted\* Hospitalization Rates due to Opioid Overdoses in  
North Coastal Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to opioid overdoses **decreased** in **North Coastal Region** from 7.7 to 5.5 per 100,000. In 2021, the age-adjusted hospitalization rates due to opioid overdoses in North Coastal Region and Oceanside SRA were lower than in San Diego County.

Age-Adjusted\* Hospitalization Rates due to Opioid Overdoses in  
North Inland Region, San Diego County, 2017-2021



From 2017-2021, age-adjusted hospitalization rates due to opioid overdoses **decreased** in **North Inland Region** from 8.0 to 5.8 per 100,000. In North Inland Region, Escondido SRA had the highest age-adjusted hospitalization rate due to opioid overdoses (6.8 per 100,000) in 2021.





# QUESTIONS?

---



LIVE WELL  
SAN DIEGO





***Draft Goal:*** Eliminate substance use among youth and high-risk groups through culturally-relevant and community-based prevention and intervention efforts.

***Draft Objectives:***

1. Reduce youth substance use in North County through family and culturally-focused approaches.
2. Increase collaborative and integrated efforts among North County school districts.
3. Increase the visibility of prevention and intervention resources at community-based locations in North County.
4. Educate and train community leaders in North County to become advocates through Resident Leadership Academies.





# HOMELESSNESS

---



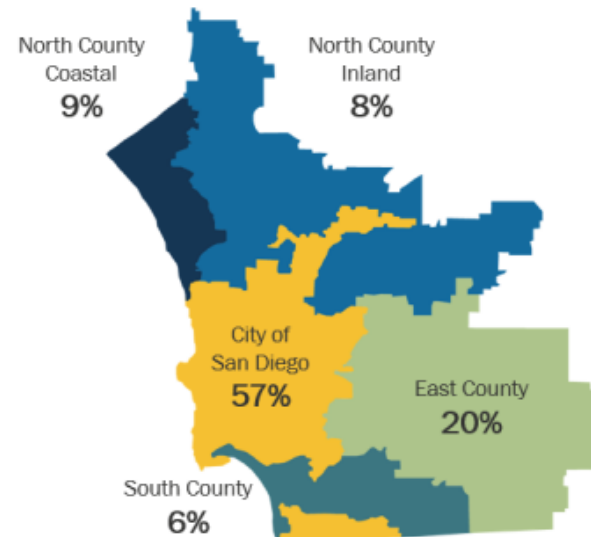


# 2022 POINT-IN-TIME DATA SAN DIEGO REGION



## Region Breakdown

	% of the Region	Total Homeless Persons
City of San Diego	57%	4801
North County Inland	8%	697
North County Coastal	9%	745
South County	6%	493
East County	20%	1691



City	Sheltered				2022 Unsheltered	2020 Unsheltered	2020-2022 Unsheltered Change
	ES	TH	SH	Total	Total Unsheltered	Total Unsheltered	% Change
San Diego City	1,711	568	28	2,307	2494	2283	9.2%
Carlsbad	43	0	0	43	75	94	-20.2%
Chula Vista (Sweetwater)	41	62	0	103	206	212	-2.8%
Coronado	0	0	0	0	1	16	-93.8%
El Cajon	683	440	0	1,123	185	310	-40.3%
Encinitas (San Deiguito, Solana Beach & Del Mar)	25	12	0	37	76	47	61.7%
Escondido (NC Metro & Hidden Meadows)	150	14	8	172	182	264	-31.1%
Imperial Beach	0	0	0	0	25	16	56.3%
La Mesa	1	17	0	18	35	52	-32.7%
Lemon Grove	0	0	0	0	31	18	72.2%
National City	0	9	0	9	149	125	19.2%
Oceanside	78	118	0	196	318	242	31.4%
Poway	0	0	0	0	23	15	53.3%
San Marcos	0	0	0	0	12	8	50.0%
Santee	90	9	0	99	48	25	92.0%
Vista (Bonsall)	41	0	0	41	76	51	49.0%
Unincorporated	173**			173			
Alpine (Crest-Dehesa)	0	0	0	0	1	1	0.0%
Fallbrook	0	0	0	0	25	51	-51.0%
Lakeside	0	0	0	0	63	24	162.5%
Ramona	0	0	0	0	21	20	5.0%
Spring Valley (Casa de Oro)	0	0	0	0	60	97	-38.1%
<b>TOTAL</b>	<b>3,036</b>	<b>1,249</b>	<b>36</b>	<b>4,321</b>	<b>4,106</b>	<b>3,971</b>	

Source: Regional Taskforce for the Homeless. WeAllCount: 2022 San Diego Region. Available at: [https://www.rtfhsd.org/wp-content/uploads/2022-San-Diego-Region-FINAL\\_05192022-1.pdf](https://www.rtfhsd.org/wp-content/uploads/2022-San-Diego-Region-FINAL_05192022-1.pdf); Regional Taskforce for the Homeless. WeAllCount: 2022 San Diego Region Cities Sheltered and Unsheltered Breakdown. Available at: [https://www.rtfhsd.org/wp-content/uploads/2022-San-Diego-Region-Cities-Sheltered-and-Unsheltered-Breakdown-FINAL\\_05182022.pdf](https://www.rtfhsd.org/wp-content/uploads/2022-San-Diego-Region-Cities-Sheltered-and-Unsheltered-Breakdown-FINAL_05182022.pdf)



# 2022 POINT-IN-TIME DATA CITY OF SAN DIEGO



City of San Diego			
Emergency Shelter	Safe Haven	Transitional Housing	Unsheltered
1711	28	568	2494
Total: 4,801			

Unsheltered and Sheltered on the night of the count (February 24, 2022).

	2020 Total	2022 Total	2020 -2022 Overall Change
City	Total	Total	% of Total
City of San Diego	4,870	4,801	-1%

	2020 Unsheltered	2022 Unsheltered	2020-2022 Unsheltered Change
City	Count	Count	% of Total
City of San Diego	2,283	2,494	9%

	2020 Sheltered				2022 Sheltered	2020-2022 Sheltered Change
City	ES	TH	SH	Total	Total	% of Total
City of San Diego	1836	715	36	2,587	2307	-11
2022 Sheltered						
ES		TH		SH		
1711		568		28		

2022 Homeless Profile	% of Unsheltered Homeless	# of Unsheltered Persons	% of Sheltered Persons	# of Sheltered Persons
Chronically Homeless	15%	386	24%	558
Veteran	11%	265	11%	245
Females	26%	643	34%	794
Families	2%	55	20%	471
Youth	7%	174	22%	519

Housing Inventory	Beds	Utilization
Emergency Shelter	2481	69%
Safe Haven	39	72%
Transitional Housing	762	75%
Permanent Supportive Housing	6042	75%
Rapid Re-Housing	1498	100%
Other Permanent Housing	2482	61%

Source: Regional Taskforce for the Homeless. WeAllCount: 2022 City of San Diego. Available at: <https://www.rtfhsd.org/wp-content/uploads/2022-City-of-San-Diego-Revised-Breakdown-2.5.pdf>.



# 2022 POINT-IN-TIME DATA CITY OF OCEANSIDE



## City of Oceanside

Emergency Shelter	Safe Haven	Transitional Housing	Unsheltered
78	0	118	318
<b>Total: 514</b>			

Homeless Profile	% of Unsheltered Persons	# of Unsheltered Persons	% Sheltered Persons	# Sheltered Persons
Veteran	22%	71	9%	17
Female	27%	86	-	-
Families	0%	0	81%	158
Youth	2%	6	9%	18

Housing Inventory	Beds	Utilization
Emergency Shelter	94	83%
Safe Haven	0	-
Transitional Housing	173	68%
Permanent Supportive Housing	50	58%
Rapid Re-Housing	18	100%
Other Permanent Housing	43	7%

## Year Comparisons

	2020 Total	2022 Total	2020 -2022 Overall Change
City	Total	Total	% of Total
City of Oceanside	408	514	26%

	2020 Unsheltered	2022 Unsheltered	2020-2022 Unsheltered Change
City	Count	Count	% of Total
City of Oceanside	242	318	31.4%

	2020 Sheltered				2022 Sheltered	2020-2022 Sheltered Change
City	ES	TH	SH	Total	Total	% of Total
City of Oceanside	41	131	0	173	196	13%
2022 Sheltered Count breakdown by Project Type						
ES		TH		SH		
78		118		0		



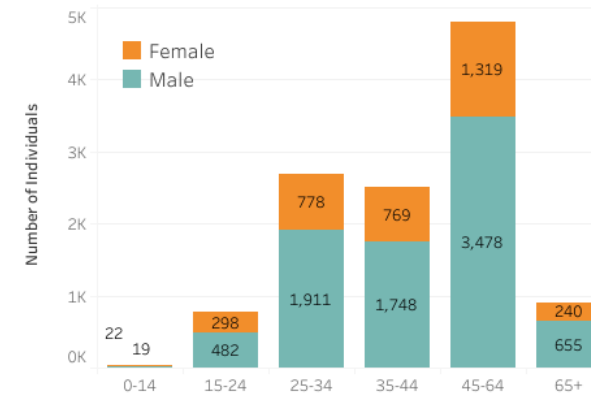
# EMERGENCY DEPARTMENT DISCHARGE DATA PERSONS EXPERIENCING HOMELESSNESS



## 2020 Emergency Department Data for Persons Experiencing Homelessness

Number of Individuals Experiencing Homelessness Discharged from the ED	Total Number of ED Discharges Experiencing Homelessness	Average Number of Visits per Person
11,723	39,431	3.4
Median Age	Age Range	
44	0 to 95 years old	

### Gender by Age\*

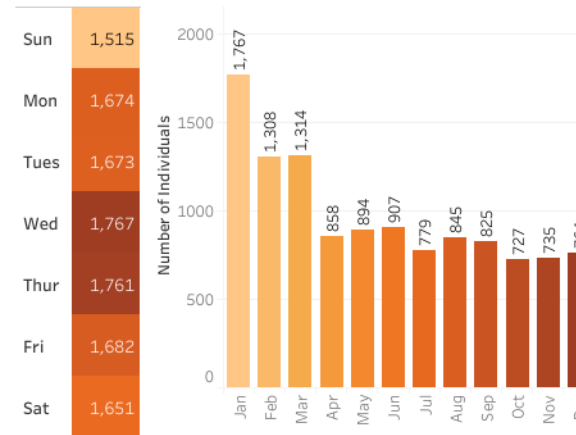


### Preferred Language Spoken

English	11,336
Spanish	321
Other	39
Unknown	25

## 2020 Emergency Department Data for Persons Experiencing Homelessness

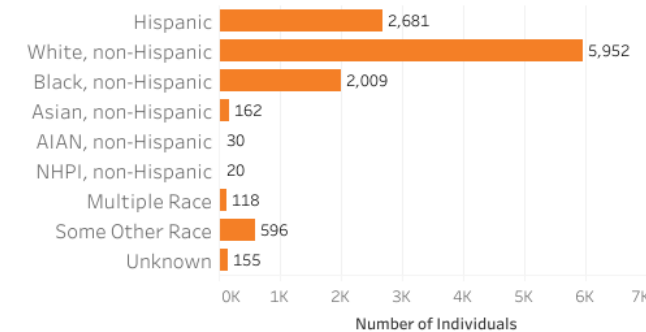
### Service Day of Week and Month



### Top 10 Primary Diagnosis Groups

Skin and subcutaneous tissue infections	802
Alcohol-related disorders	528
Suicidal ideation/attempt/intentional self-harm	527
Schizophrenia spectrum and other psychotic disorders	522
Musculoskeletal pain, not low back pain	440
Abdominal pain and other digestive/abdomen signs and symptoms	385
Superficial injury; contusion, initial encounter	382
Nonspecific chest pain	328
Stimulant-related disorders	285
Respiratory signs and symptoms	262

### Race/Ethnicity



### Top 5 Facility Zipcodes

92103	5,978
91942	1,619
92123	984
92025	773
92056	531

### Top 5 Expected Sources of Payment

Medicaid (Medi-Cal)	8,087
Self Pay	1,208
Medicare Part B	1,208
Health Maintenance Organization (HMO)..	582
Health Maintenance Organization	159

### Top 3 Patient Dispositions

Discharged to home or self care (routine discharge)	10,333
Left against medical advice or discontinued care	461
Discharged/Transferred to a psychiatric hospital or psychiatric distinctpart unit of a hospital	408

Footnote: Additional discharges of the same individual were removed from the total. AIAN: American Indian/Alaska Native. NHPI: Native Hawaiian/Pacific Islander.

\*Individuals with unknown gender or age are not included in count of gender by age.

Source: California Department of Health Care Access and Information (HCAI), Emergency Department Discharge Data, 2020. ..



Footnote: Additional discharges of the same individual were removed from the total.

Source: California Department of Health Care Access and Information (HCAI), Emergency Department Discharge Data, 2020.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 06/2022.





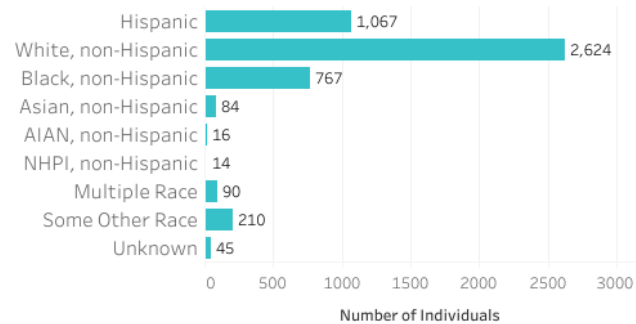
# HOSPITAL DISCHARGE DATA PERSONS EXPERIENCING HOMELESSNESS



## 2020 Hospital Discharge Data for Persons Experiencing Homelessness

Number of Individuals Experiencing Homelessness Discharged from the Hospital	Total Number of Hospital Discharges Experiencing Homelessness	Average Number of Visits per Person
4,917	9,099	1.9
Median Age	Age Range	
53	0 to 91 years old	

### Race/Ethnicity

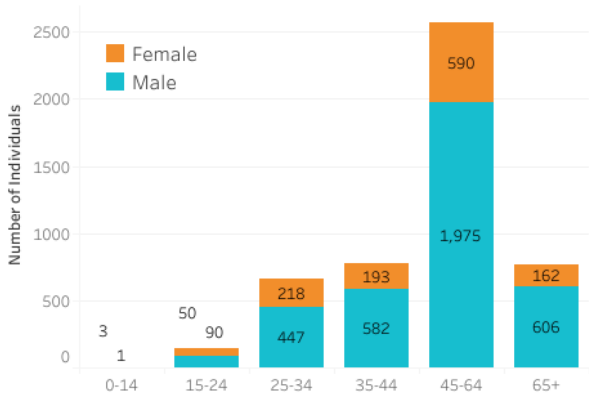


Footnote: Additional discharges of the same individual were removed from the total. All hospitalizations represent acute care facilities only. AIAN: American Indian/Alaska Native. NHPI: Native Hawaiian/Pacific Islander. Source: California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 06/2022.

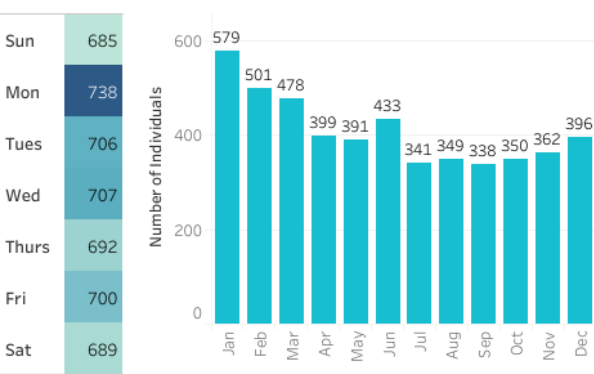


## 2020 Hospital Discharge Data for Persons Experiencing Homelessness

### Gender by Age



### Admittance Day of Week and Month



### Average Length of Stay: 7 days

### Top 5 Facility Zipcodes

92103	2,489
91942	499
92123	405
92025	327
92056	233

### Top 5 Expected Sources of Payment

Medi-Cal	3,454
Medicare	1,102
Self-Pay	146
Private Coverage	121
Other Government	81

Footnote: Additional discharges of the same individual were removed from the total. All hospitalizations represent acute care facilities only. Source: California Department of Health Care Access and Information (HCAI), Patient Discharge Data, 2020. Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 06/2022.



### Top 10 Primary Diagnoses

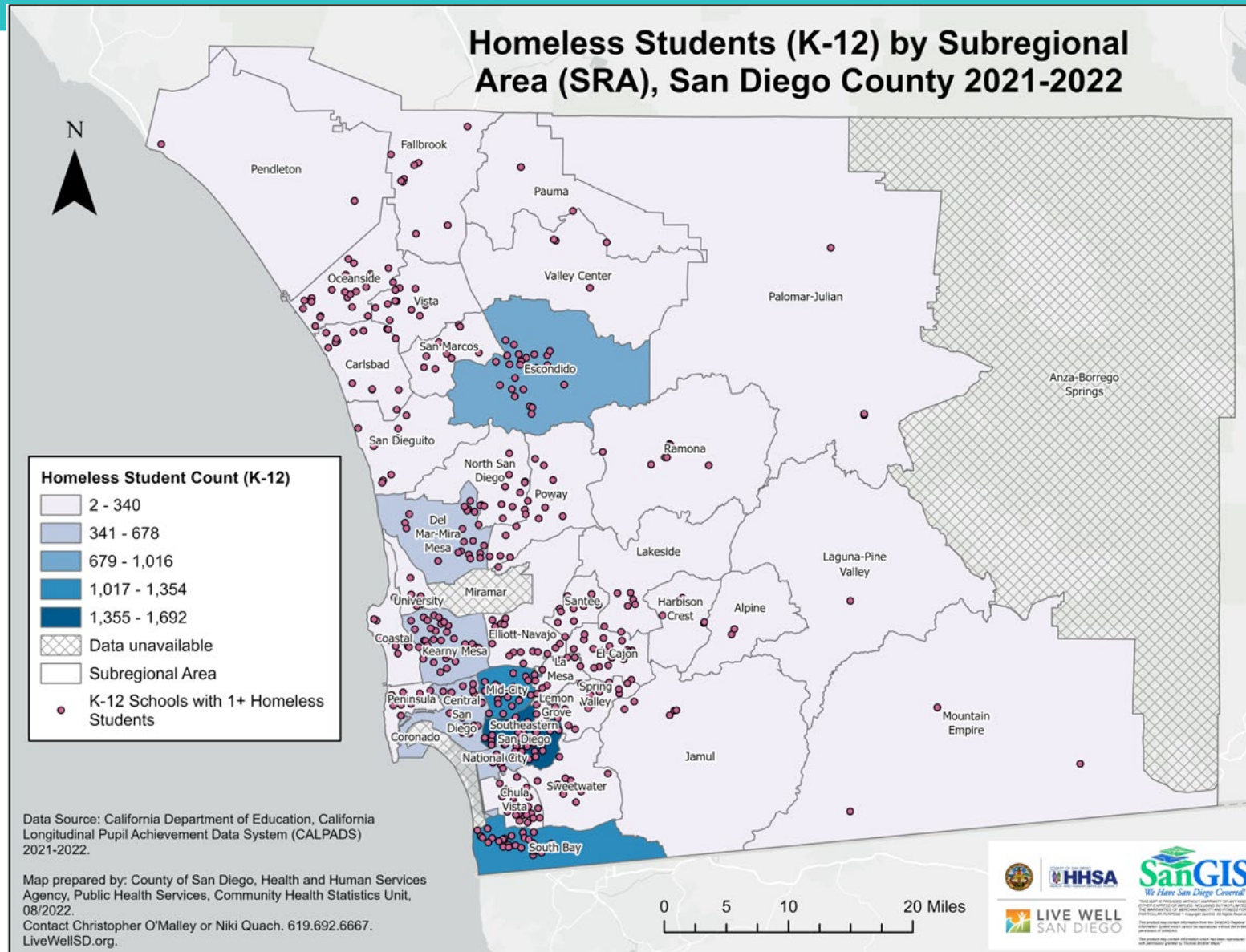
Septicemia	688
Skin and subcutaneous tissue infections	473
Alcohol-related disorders	226
Heart failure	216
Diabetes mellitus with complication	180
Poisoning by drugs, initial encounter	160
Traumatic brain injury (TBI); concussion, initial encounter	99
Fracture of the lower limb (except hip), initial encounter	98
Chronic obstructive pulmonary disease and bronchiectasis	83
Pneumonia (except that caused by tuberculosis)	78

### Top 3 Patient Dispositions

Discharged to home or self care (routine discharge)	3,072
Discharged/transferred to skilled nursing facility (SNF) with Medicare certification in anticipation of skilled care	813
Left against medical advice or discontinued care	421



# HOMELESS YOUTH







# QUESTIONS?

---



LIVE WELL  
SAN DIEGO





***Draft Goal:*** Prevent homelessness through integrated, wholistic, and accessible services that are delivered through innovative collaborations and resources.

***Draft Objectives:***

1. Expand prevention and early intervention efforts among high-risk groups in North County.
2. Launch a centralized platform for navigating resources and shelters in North County.
3. Strengthen education and advocacy towards legislation for rent control and assistance among landlords and local jurisdictions in North County.
4. Increase the number of available shelter beds and emergency shelters in North County.





# SOCIOECONOMIC STATUS, ECONOMIC HARDSHIP & POVERTY

---





# SELF-SUFFICIENCY STANDARD NORTH COASTAL REGION



## Self-Sufficiency Standard\* for San Diego County, 2022^

The self-sufficiency standard measures how much income is needed for a household of a certain composition to adequately meet their basic needs without public or private assistance.

This interactive tool helps to visualize the minimum wage required for self-sufficiency\* based on the average amount spent on basic necessities in each Health and Human Services Agency (HHS) Region, subregional area (SRA), and San Diego County overall.

Select a household type to explore the differences in the income required to be economically self-sufficient:

- ☐ Single-Adult Household
- ☐ Household with 2 Adults
- ☐ Single-Parent Household with 2 Children (1 Preschool-Age, 1 School-Age)
- ☒ Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age)

Select San Diego County/HHS Region and subregional area (SRA) to explore the differences by geography:

San Diego County and HHS Regions	Subregional Area (SRA)
North Coastal Region	Carlsbad

### Self-Sufficiency\* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), 2022

The average minimum income required to be economically self-sufficient without public or private assistance (based on each adult working 40 hours per week).

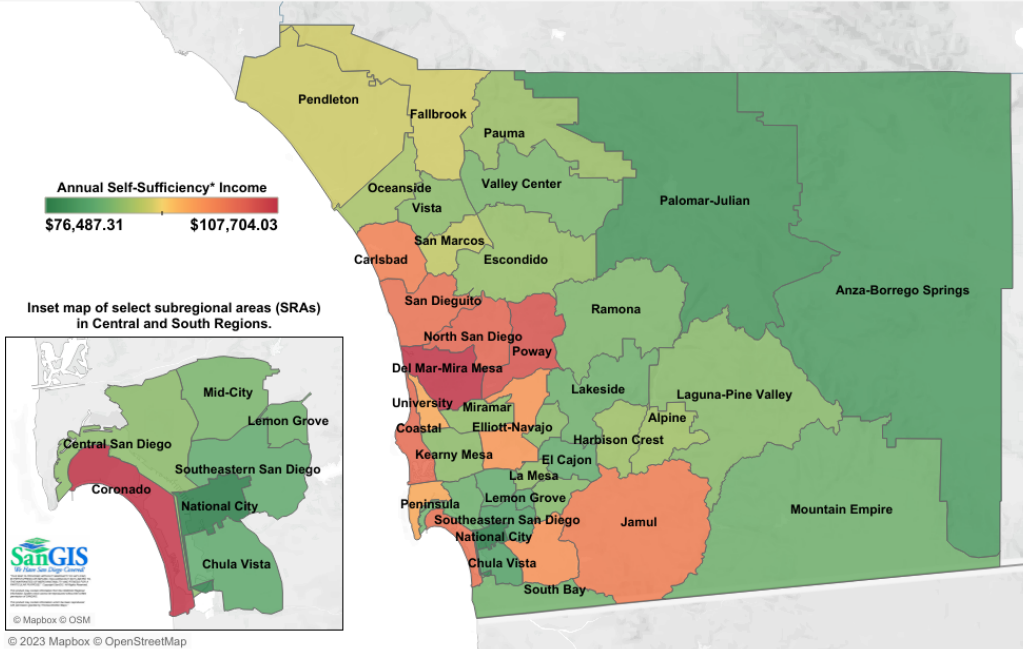
North Coastal Region	Carlsbad SRA	Annual Self-Sufficiency* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), Carlsbad SRA, 2022
Hourly (per adult)	\$22.68	\$23.94
Monthly	\$7,861.00	\$8,297.82
Annual	\$94,332.01	\$99,573.87
Monthly Contribution to Emergency Savings Fund		
North Coastal Region	Carlsbad SRA	
\$264.03	\$286.50	

### Monthly Expenses for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), 2022

The average amount spent per month by expense type to meet basic necessities without public or private assistance.

North Coastal Region	Carlsbad SRA
Housing	\$2,408.08
Transportation	\$1,297.67
Childcare	\$1,434.38
Food	\$926.00
Healthcare	\$767.10
Taxes	\$729.39
Miscellaneous	\$683.32
Child Care Tax Credit (\$44.54)	(\$43.63)
Child Tax Credit (\$190.71)	(\$208.93)
Excess Earned Income Credit (\$149.68)	(\$133.48)

## Annual Self-Sufficiency\* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age) by Subregional Area (SRA), San Diego County, 2022 (Hover the cursor over the SRAs in the map to view interpretation)



\*The Self-Sufficiency Standard measures how much income is needed for a household of a certain composition to adequately meet their basic needs without public or private assistance. (http://www.selfsufficiencystandard.org/). ^Estimates based on the most recent data available. See the San Diego County Self-Sufficiency Standard Brief on www.SDHealthStatistics.com for detailed information on methodology. Please note that the estimated self-sufficiency income does not account for the recovery rebate credit/economic impact payments received during tax year 2020.

Sources  
Household with 2 adults, 2 children; Single parent household with 2 children: The Family Needs Calculator for California 2021. Center for Women's Welfare and the Insight Center for Community Economic Development. <https://insightcced.org/family-needs-calculator/>. Health care expenditure: 2022 Community Analyst ESRI Medical Expenditures. Average amount spent on health care. Accessed December 2022. California 2019 CHIP (Children's Health Insurance Program) Fact Sheet. Housing: U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). [https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query). Child care cost: The YMCA of San Diego County. 2022 Average cost of child care in San Diego by zip code. Accessed March 2023. Transportation cost: The Housing and Transportation Affordability Index, The Center for Neighborhood Technology (CNT). <https://htaindex.cnt.org/>. Accessed March 2023. Tax data: Internal Revenue Service. Individual Income Tax Statistics—2020 ZIP Code Data (SOI). Accessed March 2023.

Single adult household; Household with 2 adults: The Family Needs Calculator for California 2021. Center for Women's Welfare and the Insight Center for Community Economic Development. <https://insightcced.org/family-needs-calculator/>. Health care expenditure: 2022 Covered California Data, 2022 Products by Zip Code. <https://hbx.coveredca.com/data-research/>. 2017-2021 American Community Survey 5-Year Estimates, Table S0101. Average annual dollars spent out of pocket per person on medical care in 2019. PolicyMap and Quantitative Innovations. Accessed December 2021. Housing: U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). [https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query). Accessed December 2021. Transportation cost: The Housing and Transportation Affordability Index, The Center for Neighborhood Technology (CNT). <https://htaindex.cnt.org/>. Accessed March 2023. 2017-2021 American Community Survey 5-Year Estimates, Table B19215.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, March 2023.





# SELF-SUFFICIENCY STANDARD NORTH INLAND REGION



## Self-Sufficiency Standard\* for San Diego County, 2022^

The self-sufficiency standard measures how much income is needed for a household of a certain composition to adequately meet their basic needs without public or private assistance.

This interactive tool helps to visualize the minimum wage required for self-sufficiency\* based on the average amount spent on basic necessities in each Health and Human Services Agency (HHSA) Region, subregional area (SRA), and San Diego County overall.

Select a household type to explore the differences in the income required to be economically self-sufficient:

- ☐ Single-Adult Household
- ☐ Household with 2 Adults
- ☐ Single-Parent Household with 2 Children (1 Preschool-Age, 1 School-Age)
- ☒ Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age)

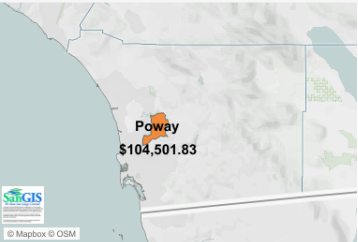
Select San Diego County/HHSA Region and subregional area (SRA) to explore the differences by geography:

San Diego County and HHSA Regions	Subregional Area (SRA)
North Inland Region	Poway

### Self-Sufficiency\* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), 2022

The average minimum income required to be economically self-sufficient without public or private assistance (based on each adult working 40 hours per week).

North Inland Region		Poway SRA	Annual Self-Sufficiency* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), Poway SRA, 2022
Hourly (per adult)	\$21.70	\$25.12	
Monthly	\$7,524.15	\$8,708.49	
Annual	\$90,289.77	\$104,501.83	
Monthly Contribution to Emergency Savings Fund			
North Inland Region		Poway SRA	
\$246.70		\$307.62	

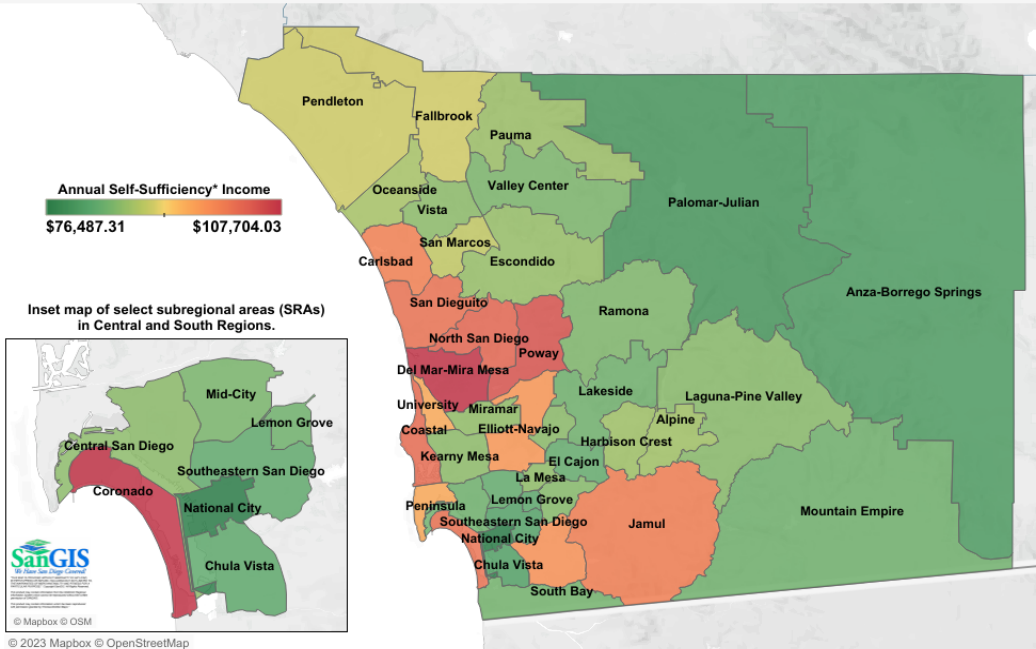


### Monthly Expenses for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age), 2022

The average amount spent per month by expense type to meet basic necessities without public or private assistance.

North Inland Region			Poway SRA		
Housing		\$2,024.29			\$2,486.67
Transportation		\$1,378.58			\$1,405.23
Childcare		\$1,463.51			\$1,780.54
Food		\$926.00			\$926.00
Healthcare		\$770.15			\$986.79
Taxes		\$710.68			\$768.12
Miscellaneous		\$656.25			\$758.52
Child Care Tax Credit	(\$43.82)		(\$41.65)		
Child Tax Credit	(\$192.19)		(\$214.31)		
Excess Earned Income Credit	(\$169.30)		(\$147.43)		

## Annual Self-Sufficiency\* Income for a Household with 2 Adults, 2 Children (1 Preschool-Age, 1 School-Age) by Subregional Area (SRA), San Diego County, 2022 (Hover the cursor over the SRAs in the map to view interpretation)



\*The Self-Sufficiency Standard measures how much income is needed for a household of a certain composition to adequately meet their basic needs without public or private assistance. (<http://www.selfsufficiencystandard.org/>). \*Estimates based on the most recent data available. See the San Diego County Self-Sufficiency Standard Brief on [www.SDHealthStatistics.com](http://www.SDHealthStatistics.com) for detailed information on methodology. Please note that the estimated self-sufficiency income does not account for the recovery rebate credit/economic impact payments received during tax year 2020.

### Sources

Household with 2 adults, 2 children; Single parent household with 2 children: The Family Needs Calculator for California 2021. Center for Women's Welfare and the Insight Center for Community Economic Development. <https://insightcced.org/family-needs-calculator/>. Health care expenditure: 2022 Community Analyst ESRI Medical Expenditures. Average amount spent on health care. Accessed December 2022. California 2019 CHIP (Children's Health Insurance Program) Fact Sheet. Housing: U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). [https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query). Child care cost: The YMCA of San Diego County, 2022 Average cost of child care in San Diego by zip code. Accessed March 2023. Transportation cost: The Housing and Transportation Affordability Index. The Center for Neighborhood Technology (CNT). <https://htaindex.cnt.org/>. Accessed March 2023. Tax data: Internal Revenue Service. Individual Income Tax Statistics—2020 ZIP Code Data (SOI). Accessed March 2023.

Single adult household; Household with 2 adults: The Family Needs Calculator for California 2021. Center for Women's Welfare and the Insight Center for Community Economic Development. <https://insightcced.org/family-needs-calculator/>. Health care expenditure: 2022 Covered California Data, 2022 Products by Zip Code. <https://hbex.coveredca.com/data-research/>. 2017-2021 American Community Survey 5-Year Estimates, Table S0101. Average annual dollars spent out of pocket per person on medical care in 2019, PolicyMap and Quantitative Innovations. Accessed December 2021. Housing: U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). [https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query). Accessed December 2021. Transportation cost: The Housing and Transportation Affordability Index, The Center for Neighborhood Technology (CNT). <https://htaindex.cnt.org/>. Accessed March 2023. 2017-2021 American Community Survey 5-Year Estimates, Table B19215.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, March 2023.



# COST OF LIVING FOR OLDER ADULTS NORTH COASTAL REGION



### Cost of Living for Older Adults (Ages 65 Years and Over), San Diego County, 2022\*

This cost of living tool helps to highlight the economic issues faced by the aging population in San Diego County. This tool helps determine the basic costs of living for older adults (those aged 65 years and over).

This interactive tool helps to visualize the amount spent on basic necessities for older adults in each Health and Human Services Agency (HHSA) Region, subregional area (SRA), and San Diego County overall. Select household composition, housing tenure, and geography to explore the differences in the expenditure on basic necessities.

Select household composition:

☒ Older Adult Couple

☐ Single Older Adult

Select housing tenure:

☐ Owner-Occupied Household

☒ Renter-Occupied Household

Select San Diego County/HHSA Region and subregional area (SRA) to explore the differences by geography:

San Diego County and HHSA Regions

North Coastal Region

Subregional Area (SRA)

Carlsbad

#### Cost of Living for an Older Adult Couple, Renter-Occupied Household, 2022

The average costs for housing, food, healthcare, transportation, and miscellaneous expenditure.

	North Coastal Region	Carlsbad SRA
Monthly Expenditure	\$5,136.35	\$5,401.53
Annual Expenditure	\$61,636.18	\$64,818.34

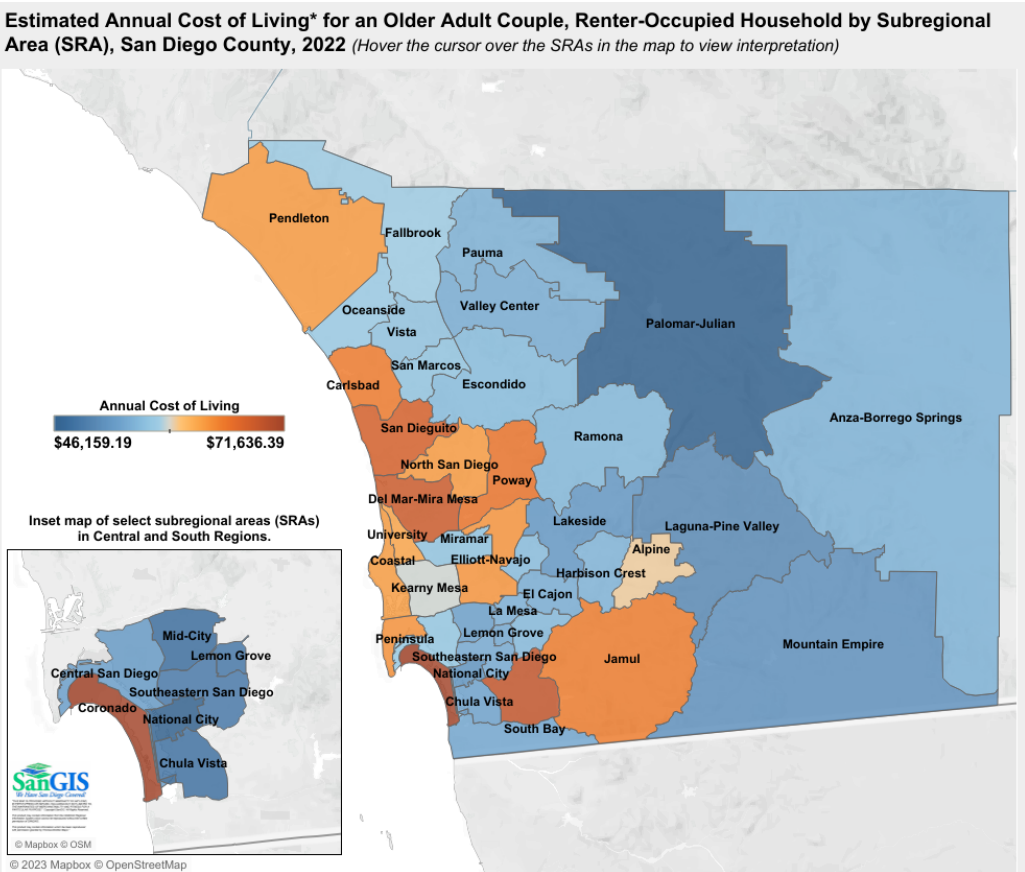
Carlsbad SRA

\$64,818.34

#### Monthly Expenses for an Older Adult Couple, Renter-Occupied Household, 2022

The average amount spent per month by expense type to meet basic necessities without public or private assistance.

	North Coastal Region	Carlsbad SRA
Housing	\$1,865.38	\$2,006.67
Healthcare	\$938.86	\$938.86
Transportation	\$826.05	\$905.75
Food	\$650.00	\$650.00
Miscellaneous	\$856.06	\$900.25



\*Estimates based on the most recent data available. See the Cost of Living for Older Adults, San Diego County, 2022 Brief on [www.SDHealthStatistics.com](http://www.SDHealthStatistics.com) for detailed information on methodology.

Sources: U.S. Census Bureau; 2017-2021 American Community Survey 5-Year Estimates, Tables B25007, B25027, B25088, B25064, B51925, S1903. U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). ([https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query)). Official U.S. Department of Agriculture (USDA) Food Plans: Cost of Food at Home at Three Levels, U.S. Average, December 2022. U.S. Bureau of Labor Statistics Consumer Expenditures for the San Diego Metropolitan Area: 2020-2021. Kaiser Permanente, Kaiser Senior Advantage Plan, 2022. (<https://healthy.kaiserpermanente.org/content/dam/kporg/healthplan/documents/summary-of-benefits/medicare/2022summary-of-benefits-san-diego-scal.pdf>). Centers for Medicare & Medicaid Services, 2022 Medicare Parts A&B Premiums and Deductibles. (<https://www.cms.gov/newsroom/fact-sheets/2022-medicare-parts-b-premiums-and-deductibles2022-medicare-part-d-income-related-monthly-adjustment>). U.S. Bureau of Labor Statistics Consumer Expenditures Surveys 2020-2021, consumer units of one person by age of reference person, consumer units of two people by age of reference person. UCLA Center for Health Policy Research, Elder Index Cost of Living Dashboard, California, 2019. (<https://healthpolicy.ucla.edu/programs/health-disparities/elder-health/elder-index-data/Pages/CostOfLiving.aspx>). Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, February 2023.



# COST OF LIVING FOR OLDER ADULTS NORTH INLAND REGION



## Cost of Living for Older Adults (Ages 65 Years and Over), San Diego County, 2022\*

This cost of living tool helps to highlight the economic issues faced by the aging population in San Diego County. This tool helps determine the basic costs of living for older adults (those aged 65 years and over).

This interactive tool helps to visualize the amount spent on basic necessities for older adults in each Health and Human Services Agency (HHSa) Region, subregional area (SRA), and San Diego County overall. Select household composition, housing tenure, and geography to explore the differences in the expenditure on basic necessities.

Select household composition:

☒ Older Adult Couple  
☐ Single Older Adult

Select housing tenure:

☐ Owner-Occupied Household  
☒ Renter-Occupied Household

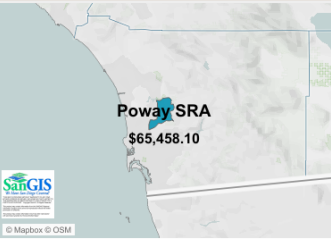
Select San Diego County/HHSa Region and subregional area (SRA) to explore the differences by geography:

San Diego County and HHSa Regions	Subregional Area (SRA)
North Inland Region	Poway

## Cost of Living for an Older Adult Couple, Renter-Occupied Household, 2022

The average costs for housing, food, healthcare, transportation, and miscellaneous expenditure.

North Inland Region	Poway SRA	Annual Cost of Living for an Older Adult Couple, Renter-Occupied Household, Poway SRA, 2022
Monthly Expenditure	\$4,750.46	\$5,454.84
Annual Expenditure	\$57,005.53	\$65,458.10

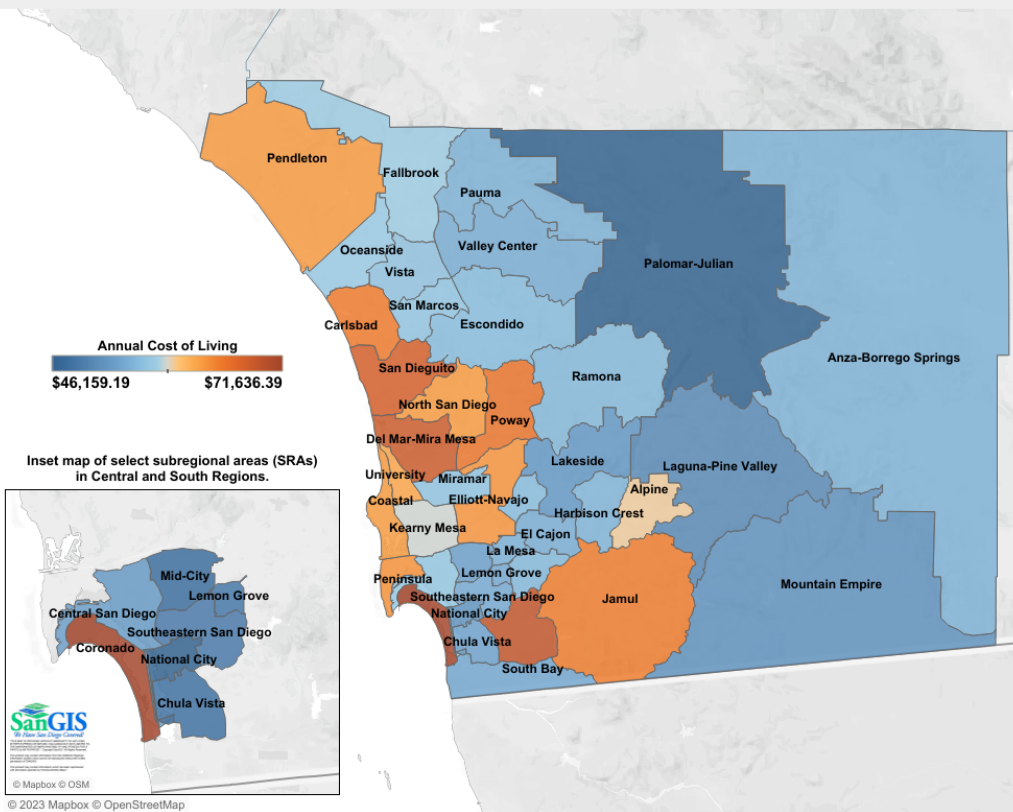


## Monthly Expenses for an Older Adult Couple, Renter-Occupied Household, 2022

The average amount spent per month by expense type to meet basic necessities without public or private assistance.

	North Inland Region	Poway SRA
Housing	\$1,564.86	\$1,923.33
Healthcare	\$938.86	\$938.86
Transportation	\$805.00	\$1,033.51
Food	\$650.00	\$650.00
Miscellaneous	\$791.74	\$909.14

## Estimated Annual Cost of Living\* for an Older Adult Couple, Renter-Occupied Household by Subregional Area (SRA), San Diego County, 2022 (Hover the cursor over the SRAs in the map to view interpretation)



\*Estimates based on the most recent data available. See the Cost of Living for Older Adults, San Diego County, 2022 Brief on [www.SDHealthStatistics.com](http://www.SDHealthStatistics.com) for detailed information on methodology.

Sources: U.S. Census Bureau; 2017-2021 American Community Survey 5-Year Estimates, Tables B25007, B25027, B25088, B25064, B51925, S1903. U.S. Department of Housing and Urban Development, 2021 Fair Market Rents (40th Percentile Rents), HUD's Office of Policy Development and Research (PD&R). ([https://www.huduser.gov/portal/datasets/fmr.html#2021\\_query](https://www.huduser.gov/portal/datasets/fmr.html#2021_query)). Official U.S. Department of Agriculture (USDA) Food Plans: Cost of Food at Home at Three Levels, U.S. Average, December 2022. U.S. Bureau of Labor Statistics Consumer Expenditures for the San Diego Metropolitan Area: 2020-2021. Kaiser Permanente, Kaiser Senior Advantage Plan, 2022. (<https://healthy.kaiserpermanente.org/content/dam/kporg/external/documents/health-plan-documents/summary-of-benefits-medicare/2022summary-of-benefits-san-diego-scal.pdf>). Centers for Medicare & Medicaid Services, 2022 Medicare Parts A&B Premiums and Deductibles. (<https://www.cms.gov/newsroom/fact-sheets/2022-medicare-parts-b-premiums-and-deductibles2022-medicare-part-d-income-related-monthly-adjustment>). U.S. Bureau of Labor Statistics Consumer Expenditures Surveys 2020-2021, consumer units of one person by age of reference person, consumer units of two people by age of reference person. UCLA Center for Health Policy Research, Elder Index Cost of Living Dashboard, California, 2019. (<https://healthpolicy.ucla.edu/programs/health-disparities/elder-health/elder-index-data/Pages/CostOfLiving.aspx>). Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, February 2023.



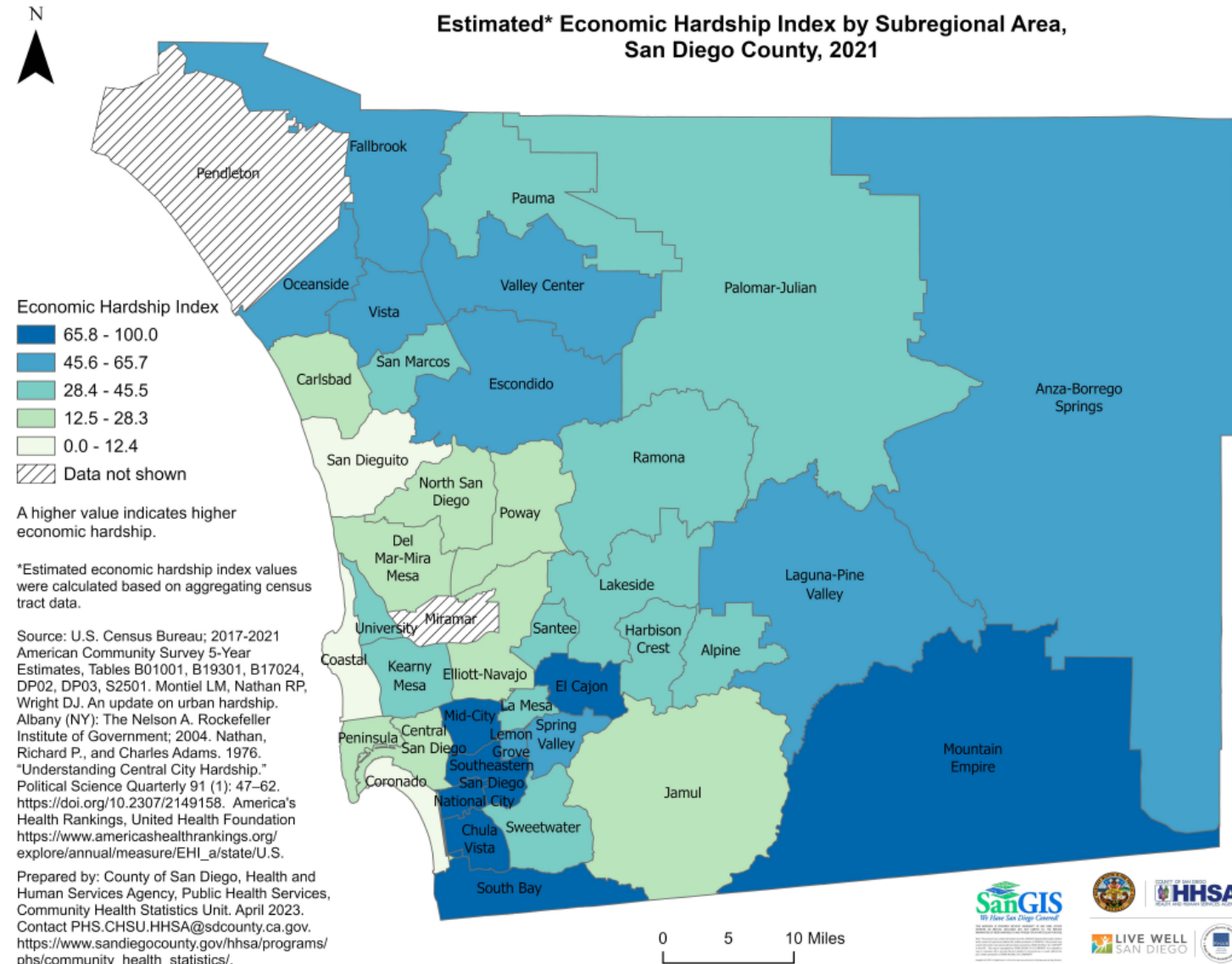


# ECONOMIC HARDSHIP INDEX



Economic Hardship Index (EHI): Index of economic conditions based on crowded housing, dependency, education, income, poverty, and unemployment, with a higher value indicating worse economic conditions. The six indicators include: unemployment, dependency, educational attainment, per capita income, crowded housing, and poverty

Subregional Area (SRA)	Region	Economic Hardship Index	Life Expectancy
Chula Vista	South	100.0	73.3
National City	South	98.4	74.7
Mountain Empire^	East	85.0	N/A
South Bay	South	84.5	76.0
Southeastern San Diego	Central	83.7	74.0
Mid-City	Central	79.6	82.0
El Cajon	East	74.2	82.4
Lemon Grove	East	65.7	75.7
Anza-Borrego Springs^	North Inland	63.7	N/A
Fallbrook	North Inland	61.7	78.3
Escondido	North Inland	58.9	77.8
Vista	North Coastal	58.9	77.0
Spring Valley	East	55.3	80.2
Laguna-Pine Valley^	East	51.5	N/A
Oceanside	North Coastal	51.0	78.6



^Life Expectancy data not available, censored due to variance in population size.



# POVERTY AND HEALTH NORTH COASTAL REGION

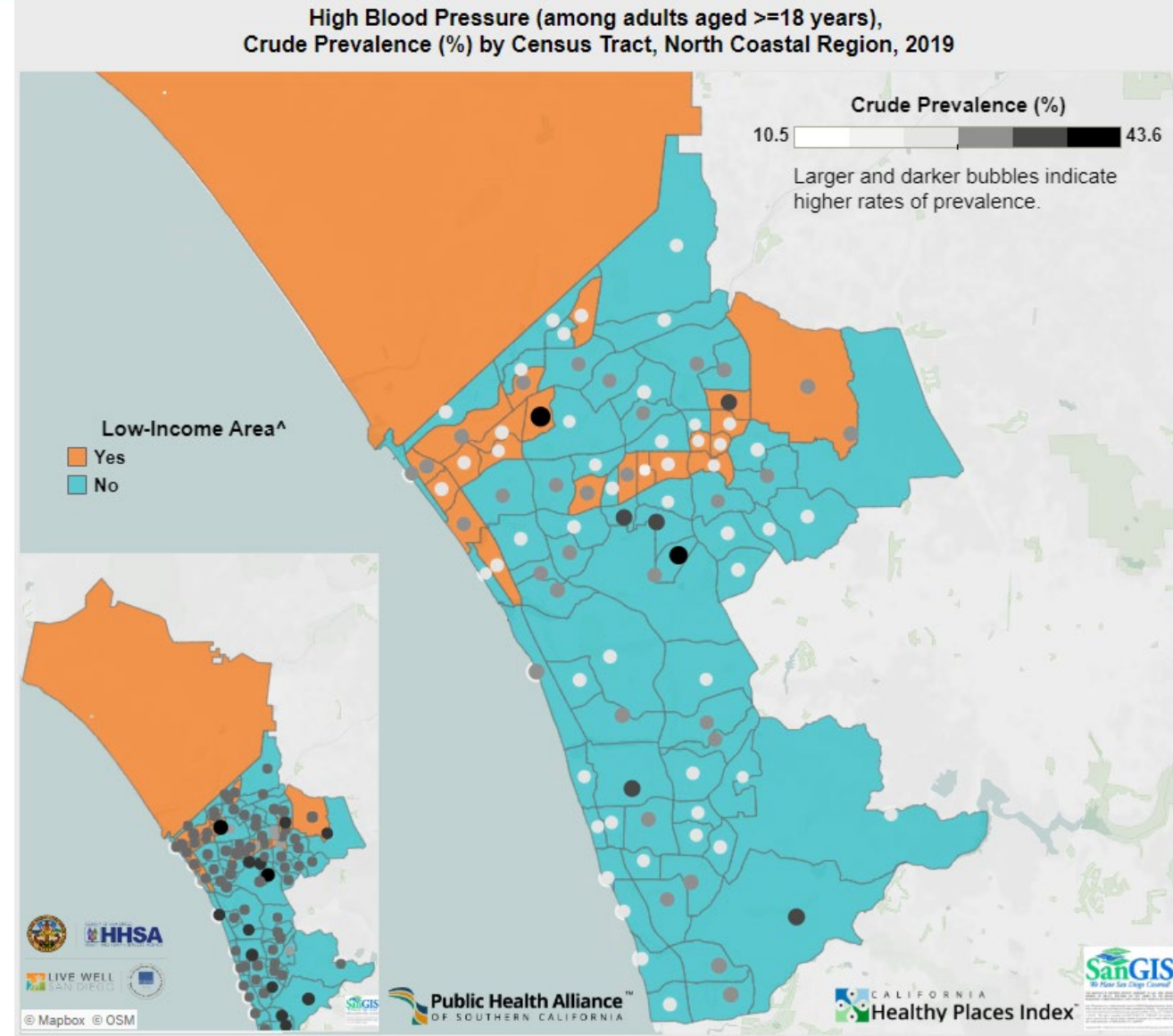


In North Coastal Region, the highest prevalence rate of high blood pressure was in Census Tract 185.12 (Oceanside SRA).

In 2019, 43.6% of residents in **Census Tract 185.12 in Oceanside SRA** had ever been told by a doctor that they had high blood pressure.

- Census Tract 185.12 was also a low-income area.

In North Coastal Region, 2 out of 10 census tracts with the highest overall crude prevalence of high blood pressure were low-income areas.





# POVERTY AND HEALTH NORTH INLAND REGION



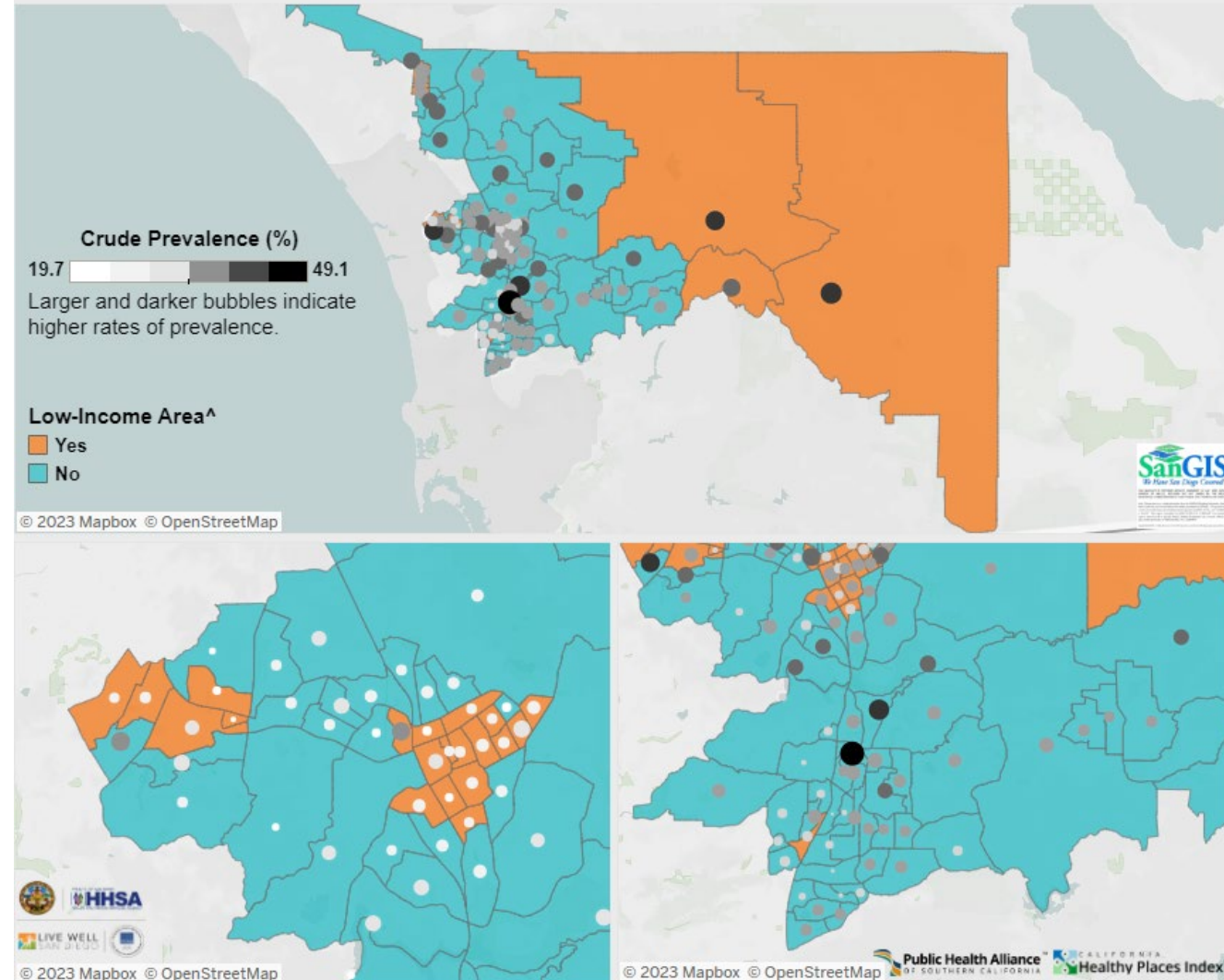
In North Inland Region, the highest prevalence rate of high blood pressure was in Census Tract 170.14 (North San Diego SRA).

In 2019, 49.1% of residents in **Census Tract 170.14 in North San Diego SRA** had ever been told by a doctor that they had high blood pressure.

- This was the highest crude prevalence of high blood pressure in San Diego County.
- Census Tract 170.14 was not a low-income area.

In North Inland Region, 5 out of 10 census tracts with the highest overall crude prevalence of high blood pressure were low-income areas.

High Blood Pressure (among adults aged  $\geq 18$  years), Crude Prevalence (%) by Census Tract, North Inland Region, 2019







# CHSU PRODUCTS

---



LIVE WELL  
SAN DIEGO





# DEMOGRAPHIC PROFILES



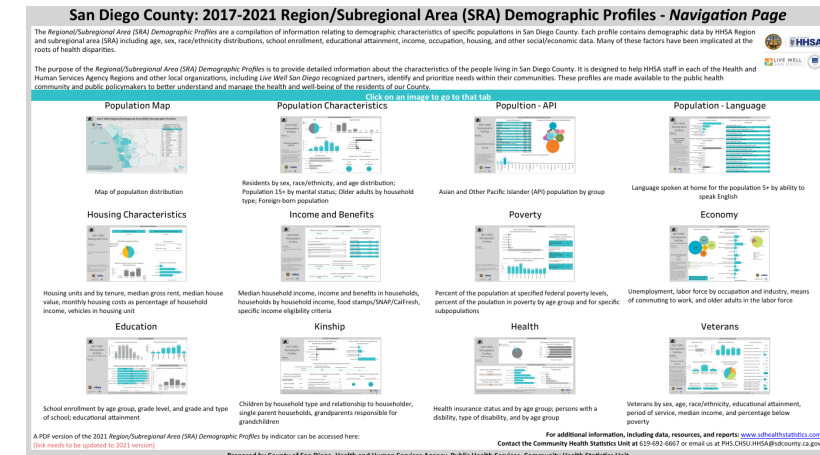
PDF

Interactive  
Tableau  
Dashboards



Available for:

- Regions and Subregional Areas
- Supervisorial Districts
- Cities and the Unincorporated Area



Available for:

- Regions and Subregional Areas
- Supervisorial Districts
- Cities and the Unincorporated Area
- Census Tracts





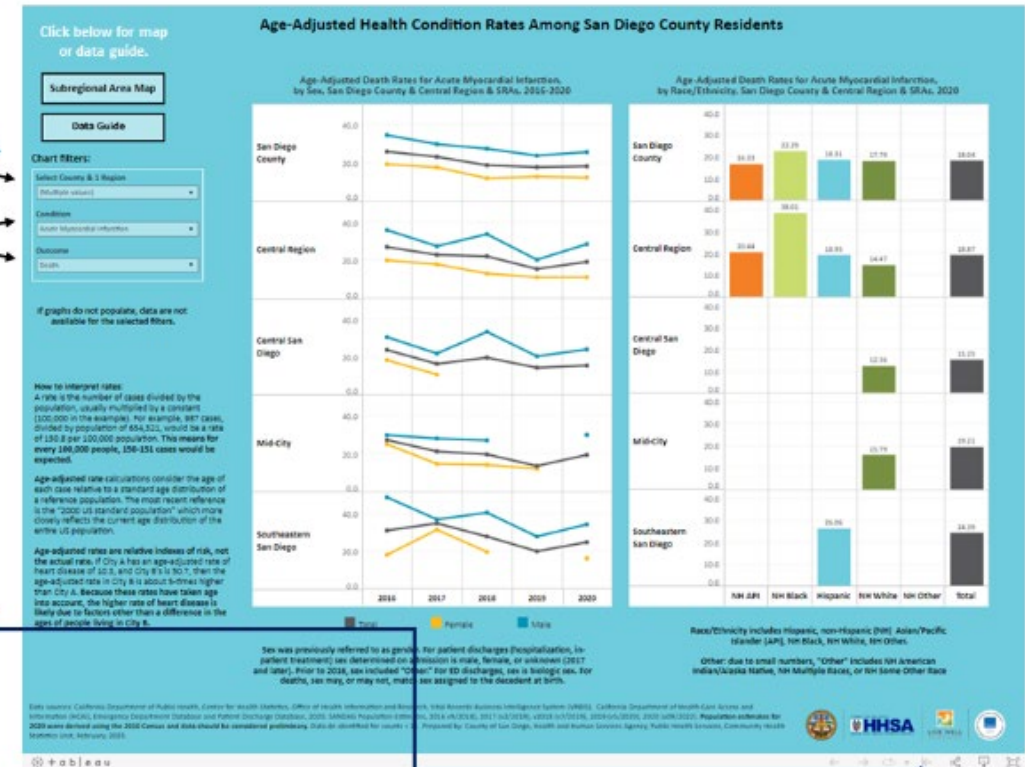
PHAB  
Advancing public health performance

## Community Profile Age-Adjusted Trends (by Region or Municipality)

Share or  
download.



Share or download.





# MAP ATLASES



## Disease and Injury Atlases

These atlases show rates of disease and injury mapped by community (Sub-regional Area, SRA) for all residents by medical outcome or death. Indicators include non-communicable (chronic) disease, communicable disease, injury, and behavioral health conditions. Where available, maps by race-ethnicity and age group are included.

### MAP ATLAS

Acute Myocardial Infarction  
San Diego County, 2019

### MAP ATLAS

Diabetes  
San Diego County, 2019

### MAP ATLAS

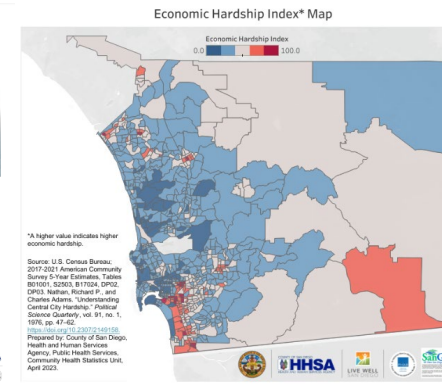
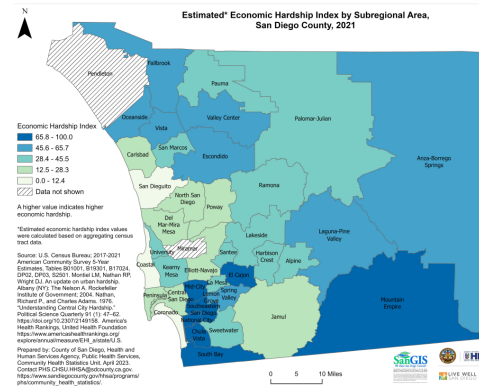
Leukemia  
San Diego County, 2019

### MAP ATLAS

Stroke  
San Diego County, 2019

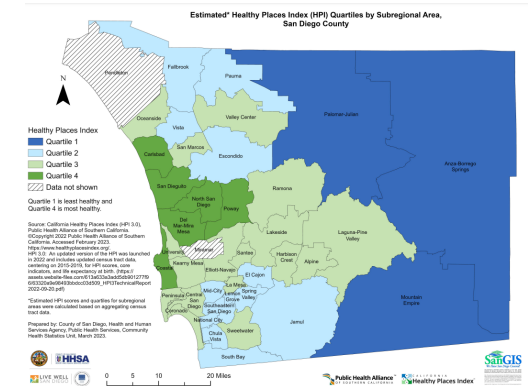
## Economic Hardship Index

This map helps visualize the estimated EHI by subregional areas and census tracts in San Diego County. The estimated EHI compares economic conditions between subregional areas



## Healthy Places Index

This map helps visualize the estimated Healthy Places Index (HPI) by subregional area in San Diego County.





# POVERTY DASHBOARD SERIES



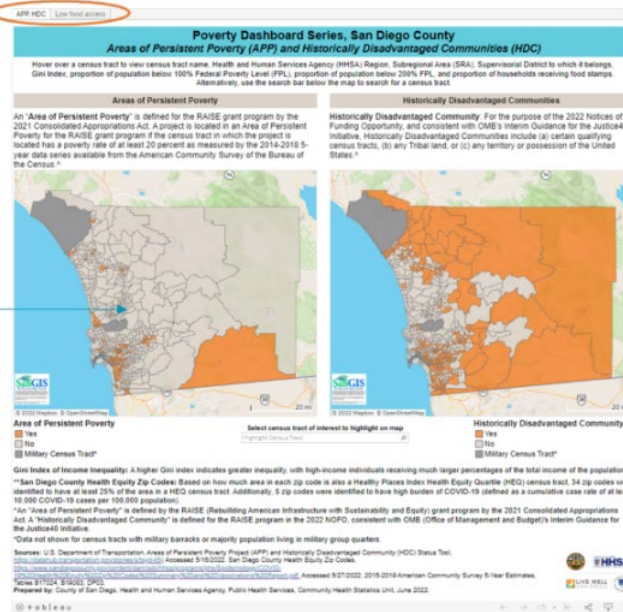
## Areas of Concentrated Poverty and Food Insecurity

## Family and Child Poverty, Deep Poverty, Housing, and Employment

## Poverty and Health

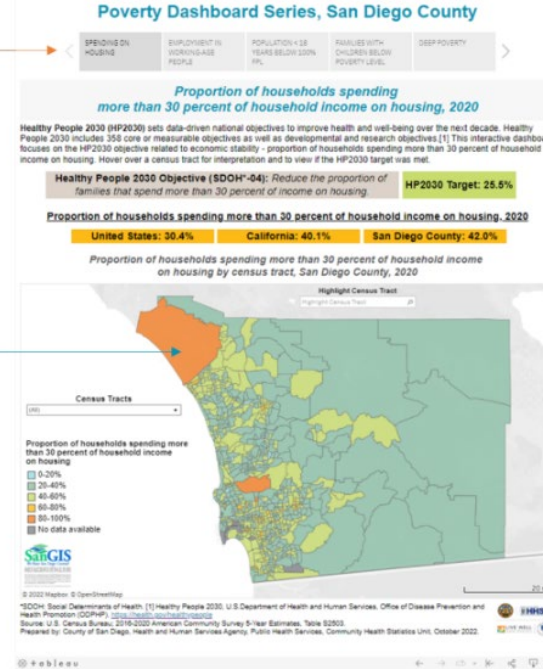
Select tabs to navigate between topics

Hover the cursor over the census tracts in the map to view



Select tabs to navigate between topics

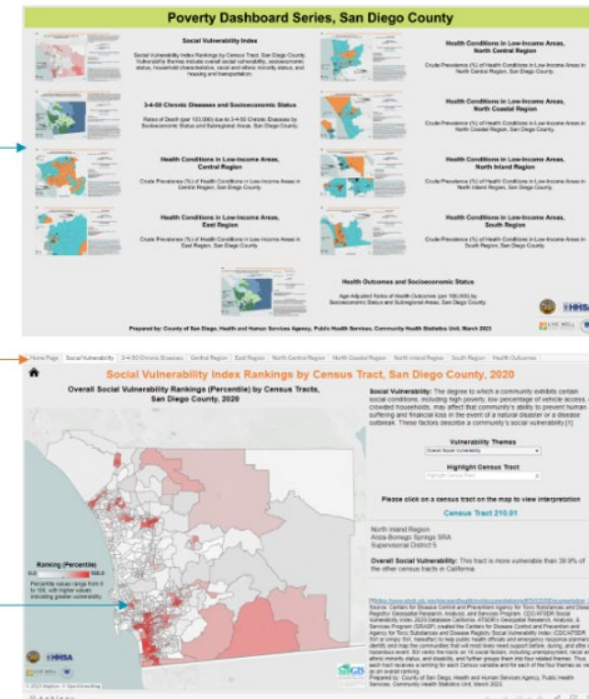
Hover the cursor over the census tracts in the map to view



Home Page

Select tabs to navigate between topics

Hover the cursor over the census tracts in the map to view interpretations





# HEALTH EQUITY DASHBOARDS



## Racial Equity Dashboard

## LGBTQ Dashboard

**RACIAL EQUITY DASHBOARDS**

These interactive Tableau dashboards help to visualize the demographic data, social determinants of health, and health outcomes disaggregated. Please click the dashboard buttons below to navigate. Click the home button on any dashboard to return to this page.

**Demographic Data**

- Demographics Dashboard-1**
  - Population distribution by age, sex\*, geography, race and ethnicity.
- Demographics Dashboard-2**
  - Population distribution by age, sex\*, geography, race and ethnicity. Represented as population pyramids.
- Demographics Dashboard-3**
  - Marital status by geography, race and ethnicity.

**Social Determinants of Health by Race and Ethnicity**

- Health Dashboard-1**
  - Disability
- Knowledge Dashboard-1**
  - School enrollment
  - Educational attainment
  - Field of bachelor's degree
- Standard of Living Dashboard-1**
  - Household income
  - Employment status
  - Poverty status
  - Upward economic mobility
  - Supplemental Nutrition Assistance Program (SNAP)
- Community Dashboard-1**
  - Means of commute
  - Tenure
- Social Dashboard**
  - Voter engagement
  - Psychological distress
  - Incarceration rate by family income
  - Students: Alcohol, cigarette, e-cigarette, ...

**Social Determinants of Health by Race/Ethnicity**

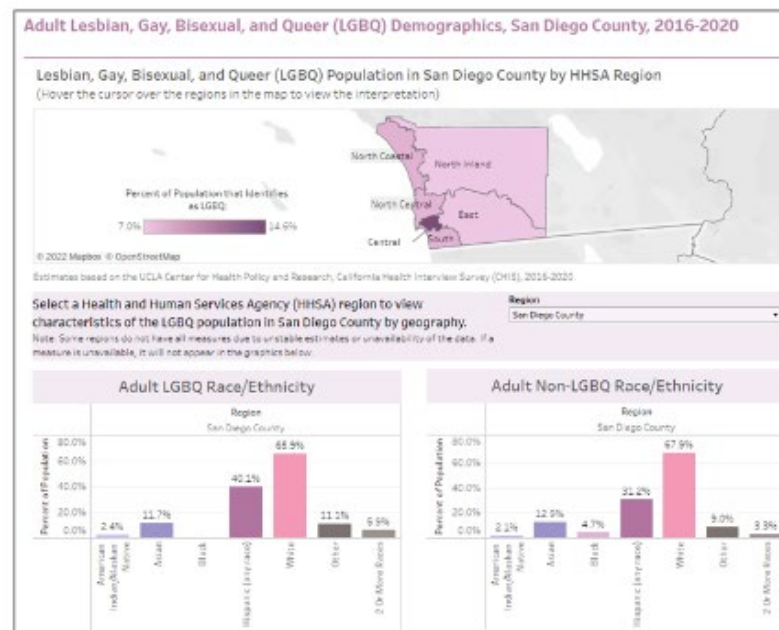
- Health Dashboard-2**
  - Life Expectancy
  - Usual source of care
- Knowledge Dashboard-2**
  - Annual school enrollment
  - Dropout percentage
- Standard of Living Dashboard-2**
  - Food insecurity
  - Forgone medical care
  - Problems paying medical bills
- Community Dashboard-2**
  - Neighborhood safety
  - Home loan mortgage denials
  - Home purchase loan denials
  - Subsidized housing

**Health Outcomes by Race/Ethnicity**

**Health Outcomes Dashboard**

\*Sex at birth.  
**Race and Ethnicity Dashboards:** Data are presented with an overall Hispanic category, and then under separate race categories. There is overlap between the Hispanic category and the race categories - that is, an individual who identifies as Hispanic will be counted in the Hispanic category and counted again under the race category that they also identified. **Race/Ethnicity Dashboards:** Data are presented as Hispanic (of any race) and non-Hispanic race. Individuals included in the Hispanic category may be of any race. Individuals in non-Hispanic race categories do not identify as Hispanic. See the Racial Equity: Framework and Outcomes Brief on [www.SDHealthStatistics.com](http://www.SDHealthStatistics.com) for detailed information.  
 Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, January 2023.

Click the colored dashboard buttons on the home page to navigate to different dashboards



Select an HHSA region to view adult LGBTQ Demographics by HHSA region



# Socioeconomic Disparities Dashboard



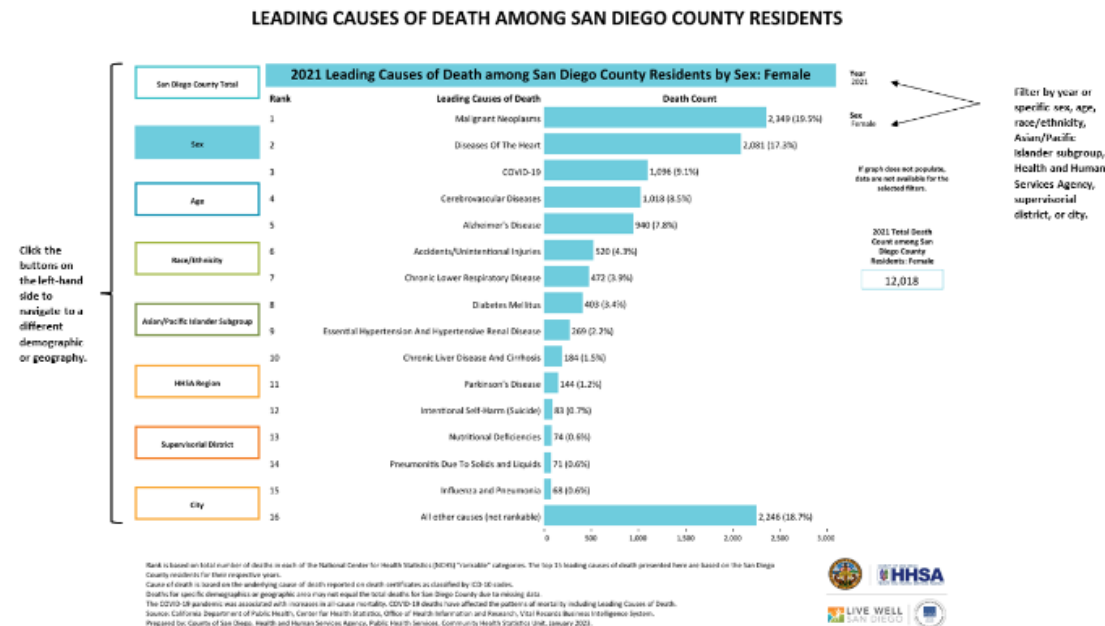


# LEADING CAUSES OF DEATH DASHBOARD



The Leading Causes of Death dashboard displays the top leading causes of death among San Diego County Residents for their respective years. Rank is based on the total number of deaths in each of the National Center for Health Statistics (NCHS) “rankable” categories. The cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes. The leading causes of death are displayed by total, sex, age, race/ethnicity, Asian/Pacific Islander subgroup, Health and Human Services Region (HHSA Region), supervisorial district, and city.

[https://public.tableau.com/app/profile/chsu/viz/LeadingCausesofDeathamongSanDiegoCountyResidentsDashboard\\_16757921797590/SDCountyDashboard](https://public.tableau.com/app/profile/chsu/viz/LeadingCausesofDeathamongSanDiegoCountyResidentsDashboard_16757921797590/SDCountyDashboard)





[illegible]

[www.SDHealthStatistics.com](http://www.SDHealthStatistics.com)

## For More Information:

# Christopher O'Malley

[Christopher.O'Malley@sdcounty.ca.gov](mailto:Christopher.O'Malley@sdcounty.ca.gov)

# Joanna Hutchinson

[Joanna.Hutchinson@sdcounty.ca.gov](mailto:Joanna.Hutchinson@sdcounty.ca.gov)

# Vidya Purushothaman

[Vidya.Purushothaman@sdcounty.ca.gov](mailto:Vidya.Purushothaman@sdcounty.ca.gov)