



2023 Map Atlas

Coronary Heart Disease (CHD)



Data Sources

Death* is based on underlying cause of death among San Diego County residents.

Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability. Events fewer than 11 are suppressed. Maps are only produced for conditions/outcomes with SRA-level rates. Some sections may have no maps.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

*For all opioid overdoses, COVID-19, heat illness/injury, hip fractures, and traumatic brain injuries, death rate is based on the multiple/contributing cause of death among San Diego County residents.

Hospitalization refers to treatment at a general acute care facility in San Diego County.

Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability. Events fewer than 11 are suppressed. Maps are only produced for conditions/outcomes with SRA-level rates. Some sections may have no maps.

Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Emergency Department (ED) Discharge refers to treatment at an ED facility in San Diego County.

Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability. Events fewer than 11 are suppressed. Maps are only produced for conditions/outcomes with SRA-level rates. Some sections may have no maps.

Sources: California Department of Healthcare Access and Information (HCAI), 2023 Emergency Department Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

In-Patient Treatment refers to treatment at a psychiatric care or chemical rehabilitation facility in San Diego County.

Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability. Events fewer than 11 are suppressed. Maps are only produced for conditions/outcomes with SRA-level rates. Some sections may have no maps.

Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. October 2025.

https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/
LiveWellSD.org.

For more detailed explanation of geography, methods, and sources, please refer to CHSU's [2023 Community Profiles Data Guide and Data Dictionary Dashboards](#).

Table of Contents

Section 1: Deaths	1
Section 2: Hospitalization	9
Section 3: Emergency Department (ED) Discharge	20
Section 4: In-Patient Treatment (IPT)	25



Section 1: Death

Death Rates Among San Diego County Residents by Demographic, 2023:

- Total Rate
- Race/Ethnicity
 - Non-Hispanic Asian/Pacific Islander (API)
 - Non-Hispanic Black
 - Hispanic
 - Non-Hispanic White
- Age Group
 - 0-9 Years
 - 10-19 Years
 - 20-29 Years
 - 30-39 Years
 - 40-49 Years
 - 50-59 Years
 - 60-69 Years
 - 70-79 Years
 - 80+ Years



Total Death Rates* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents,
rounded to integer

CHD

41 - 53

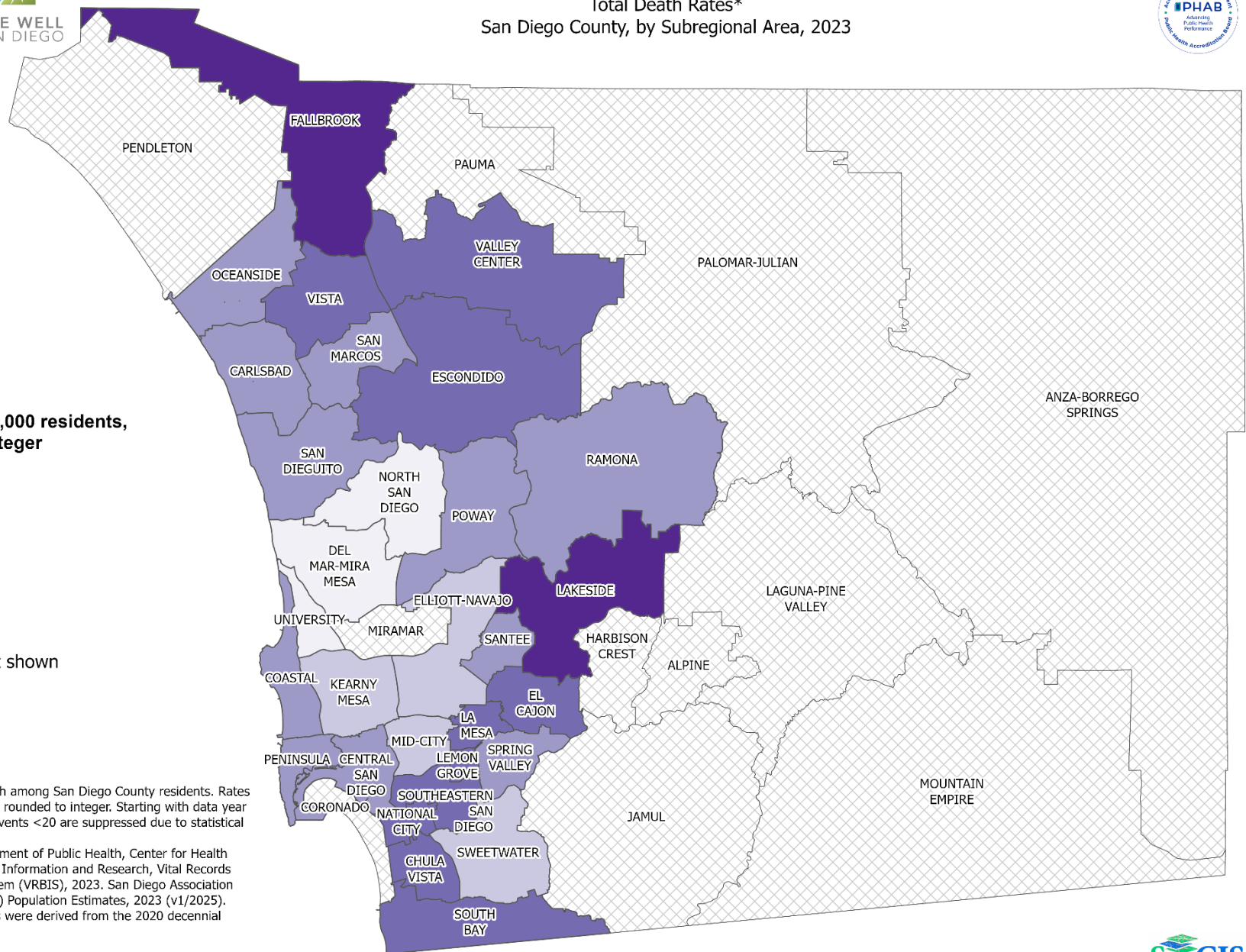
54 - 66

67 - 79

80 - 92

93 - 105

Data not shown



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/. September 2025.

0 5 10 20 Miles



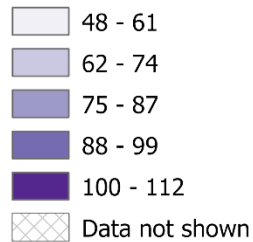


Death Rates Among Non-Hispanic Asian/Pacific Islander Residents* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents, rounded to integer

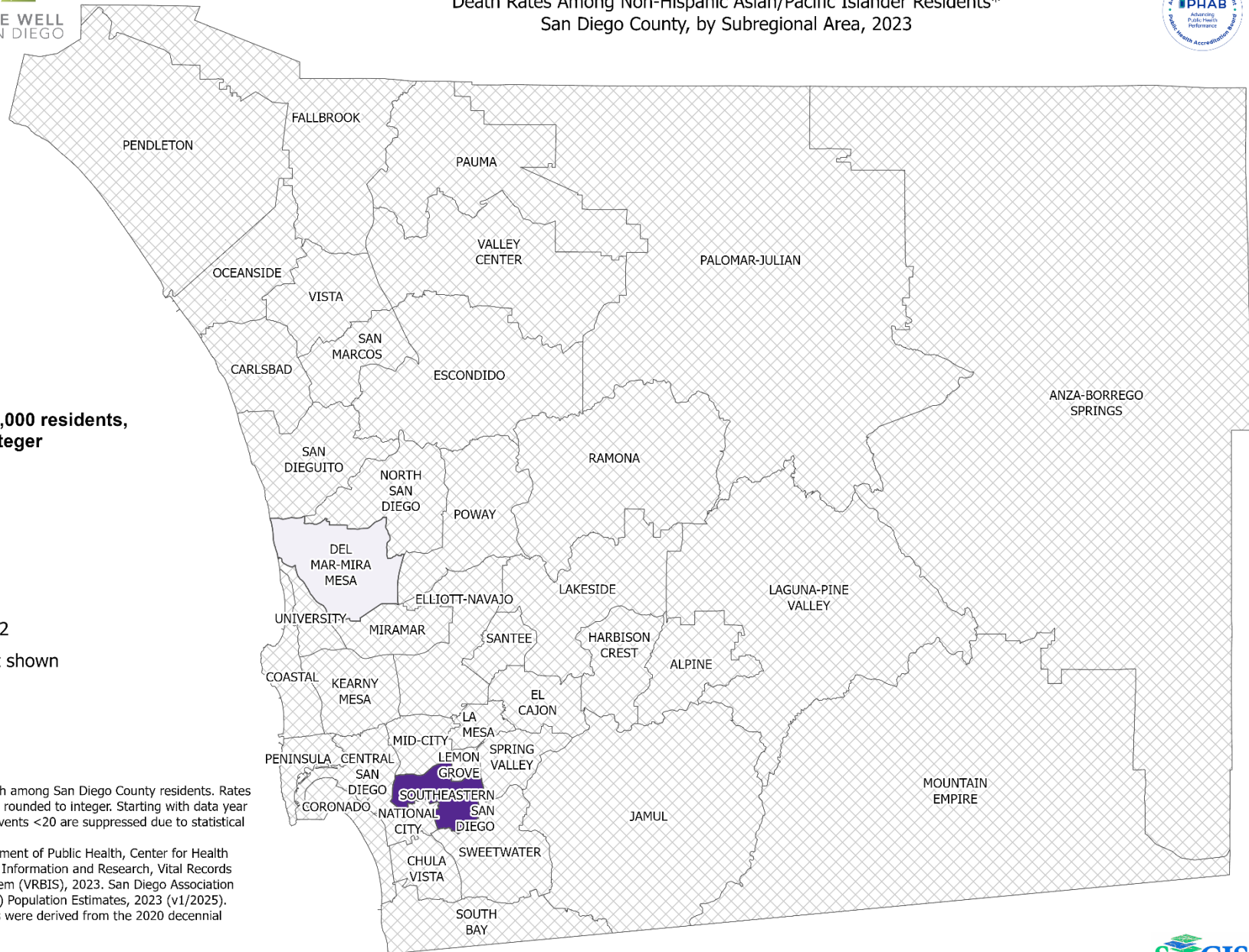
CHD



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

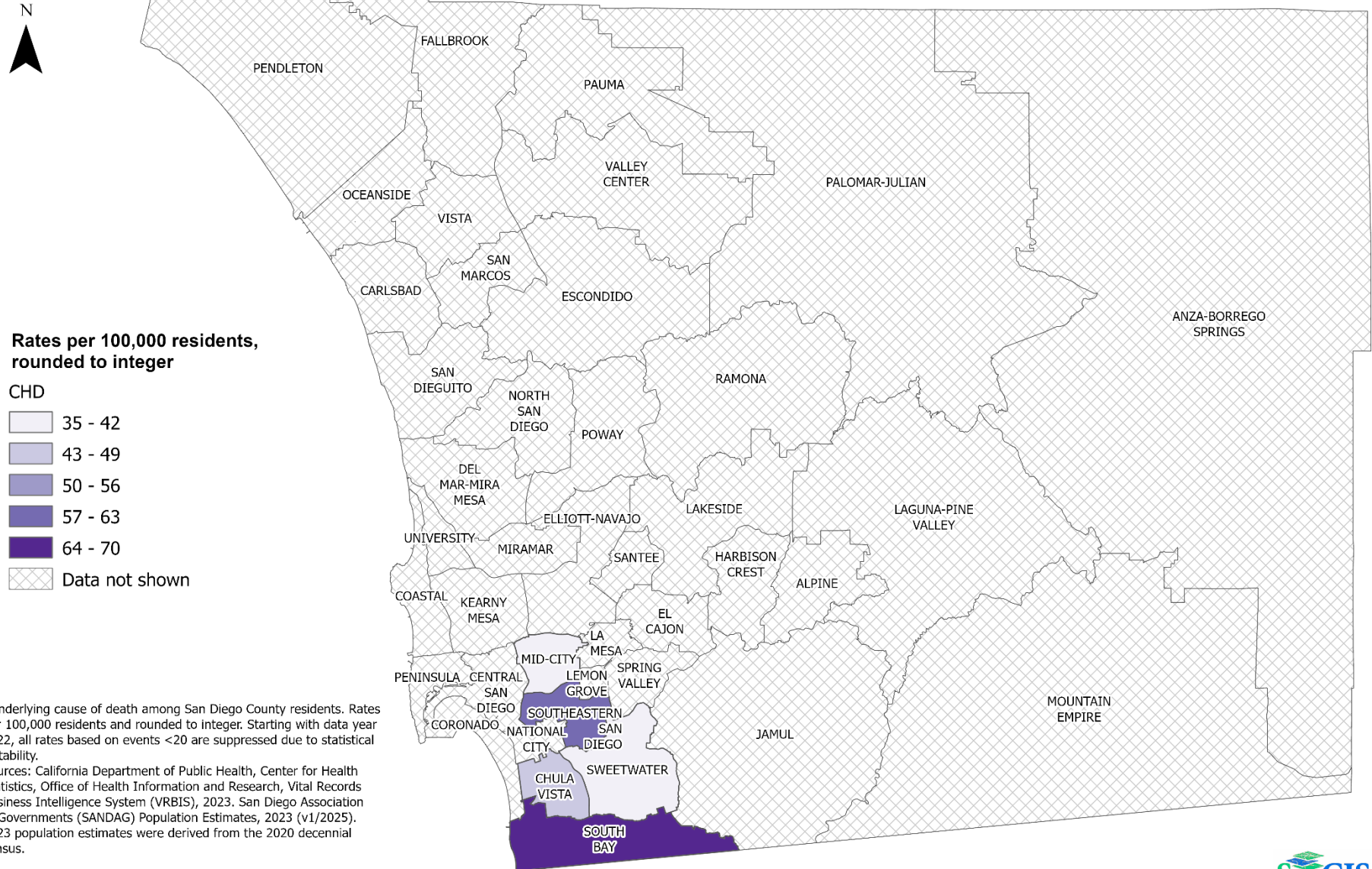
Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/.
September 2025.





Death Rates Among Hispanic Residents* San Diego County, by Subregional Area, 2023



Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/.
September 2025.

0 5 10 20 Miles



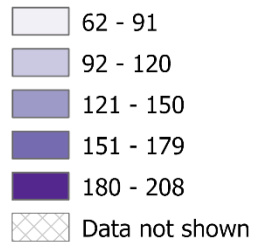


Death Rates Among Non-Hispanic White Residents* San Diego County, by Subregional Area, 2023



**Rates per 100,000 residents,
rounded to integer**

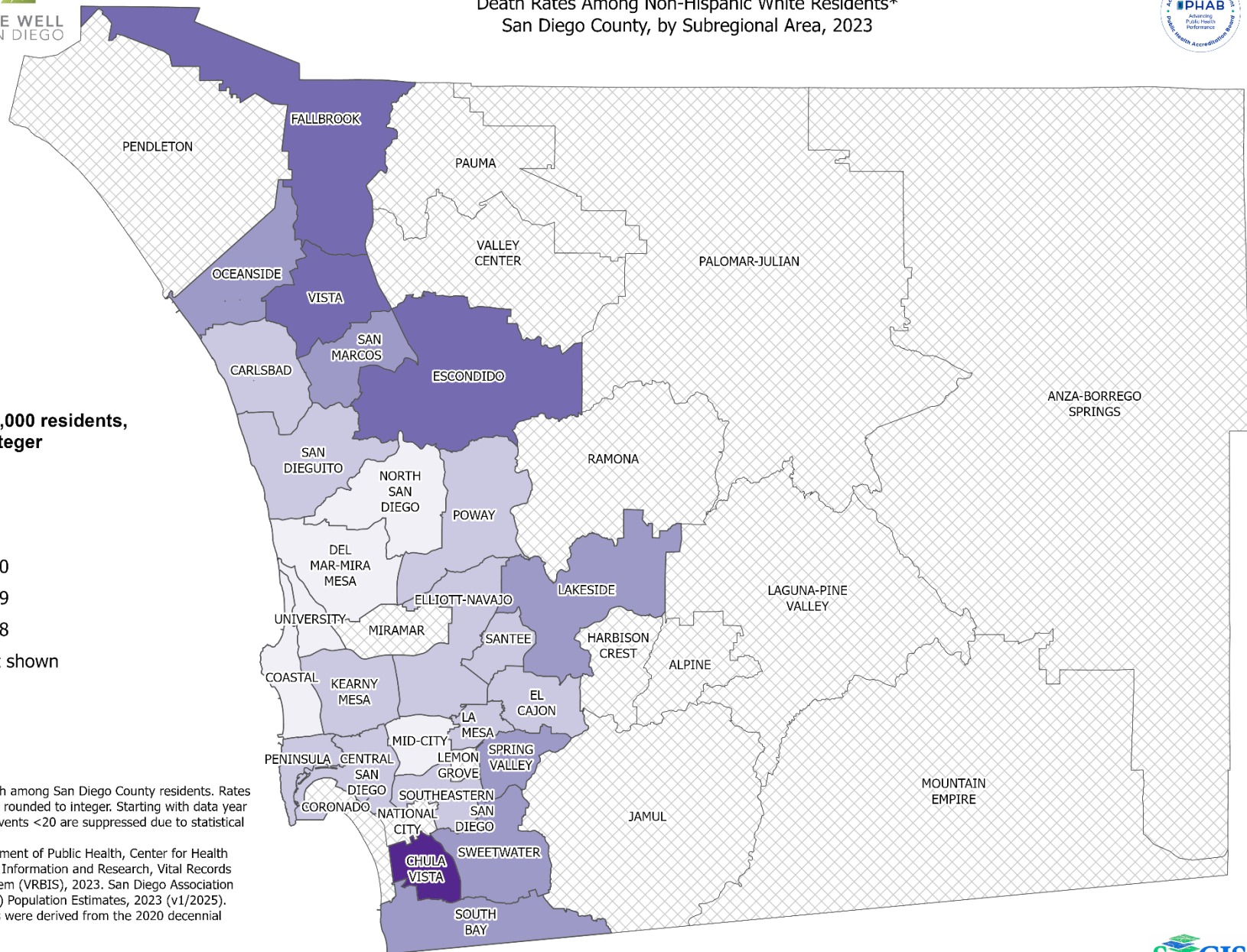
CHD



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/. September 2025.



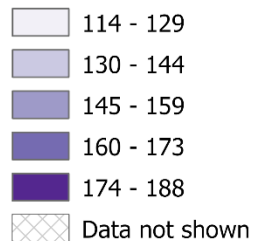


Death Rates Among Residents, Ages 60-69* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents, rounded to integer

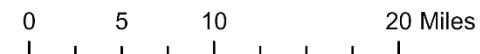
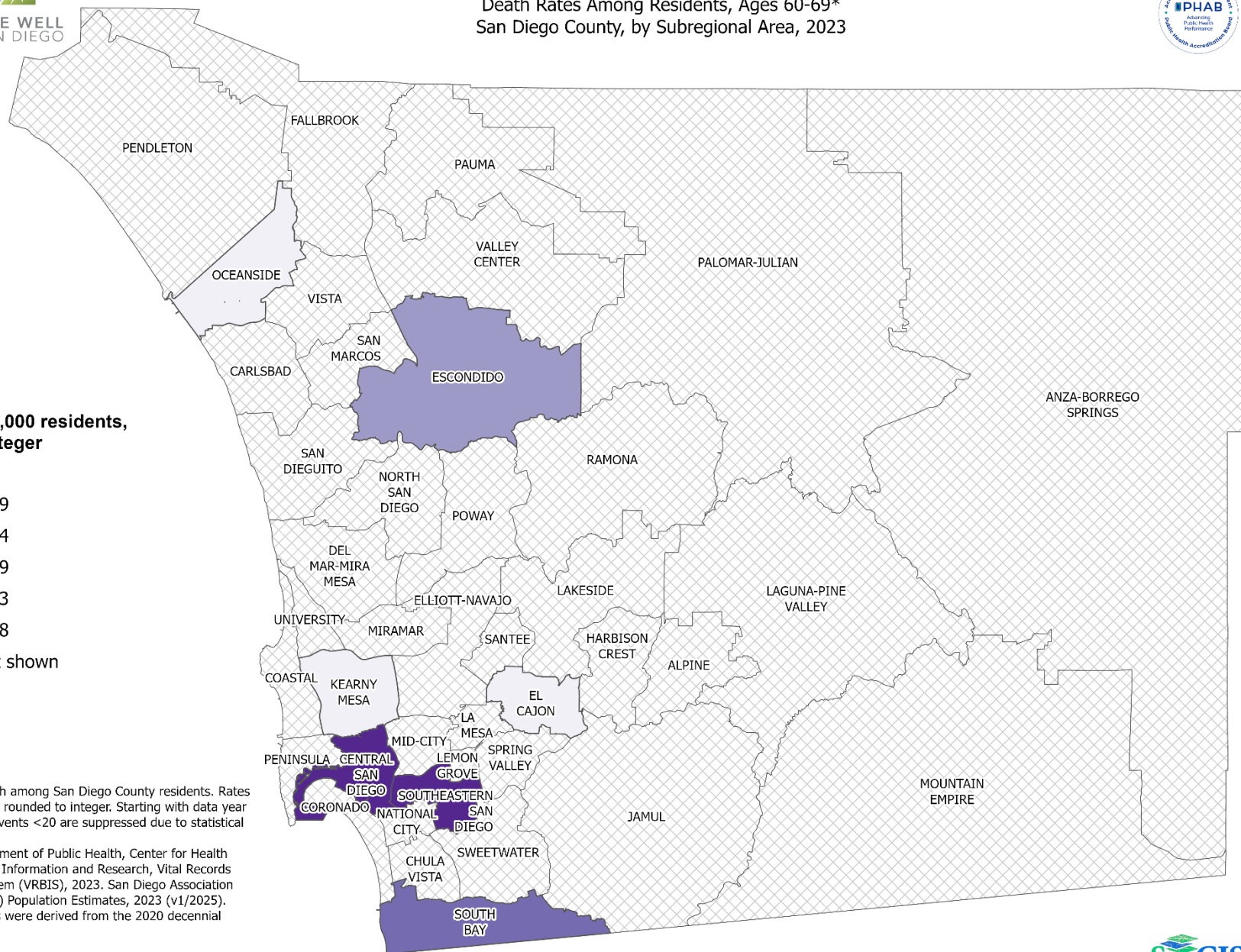
CHD



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/. September 2025.



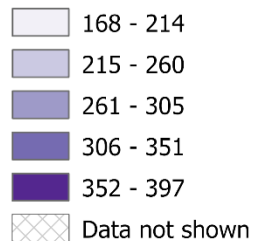


Death Rates Among Residents, Ages 70-79* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents, rounded to integer

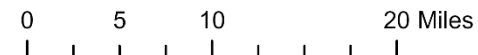
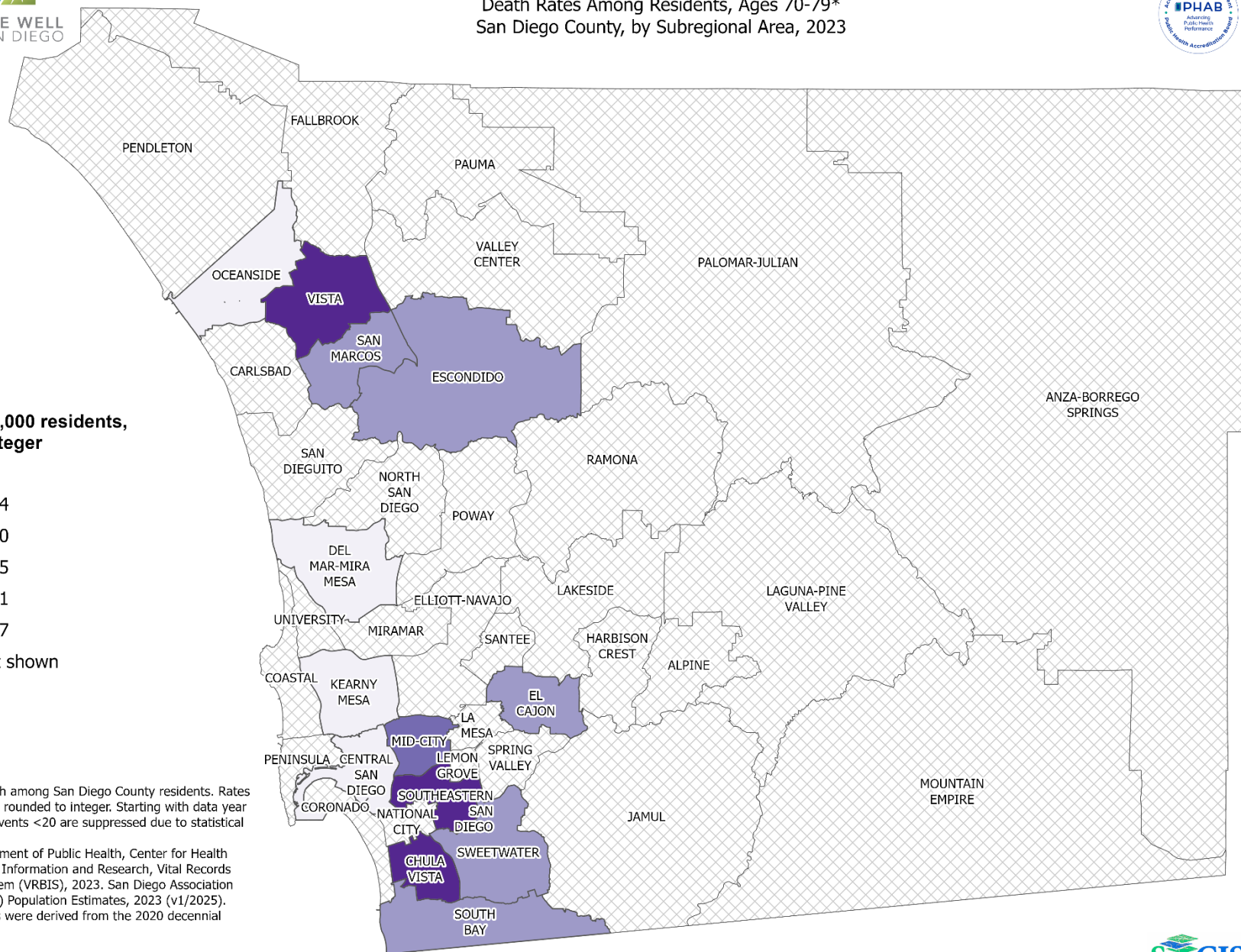
CHD



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/. September 2025.



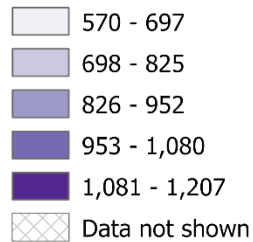


Death Rates Among Residents, Ages 80+* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents, rounded to integer

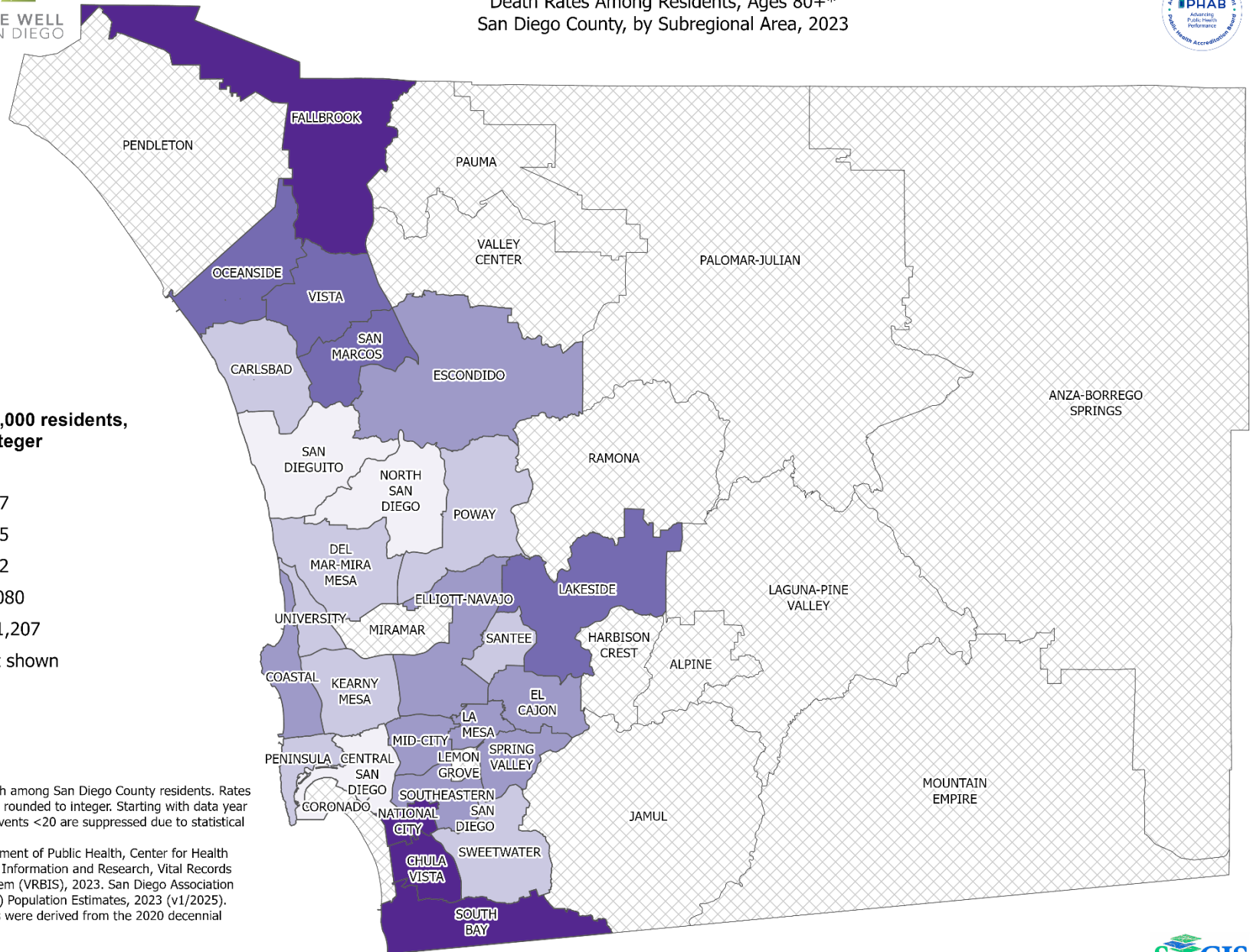
CHD



*Underlying cause of death among San Diego County residents. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS), 2023. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/.
September 2025.





Section 2: Hospitalization

Hospitalization Rates Among San Diego County Residents by Demographic, 2023:

- Total Rate
- Race/Ethnicity
 - Non-Hispanic Asian/Pacific Islander (API)
 - Non-Hispanic Black
 - Hispanic
 - Non-Hispanic White
- Age Group
 - 0-9 Years
 - 10-19 Years
 - 20-29 Years
 - 30-39 Years
 - 40-49 Years
 - 50-59 Years
 - 60-69 Years
 - 70-79 Years
 - 80+ Years

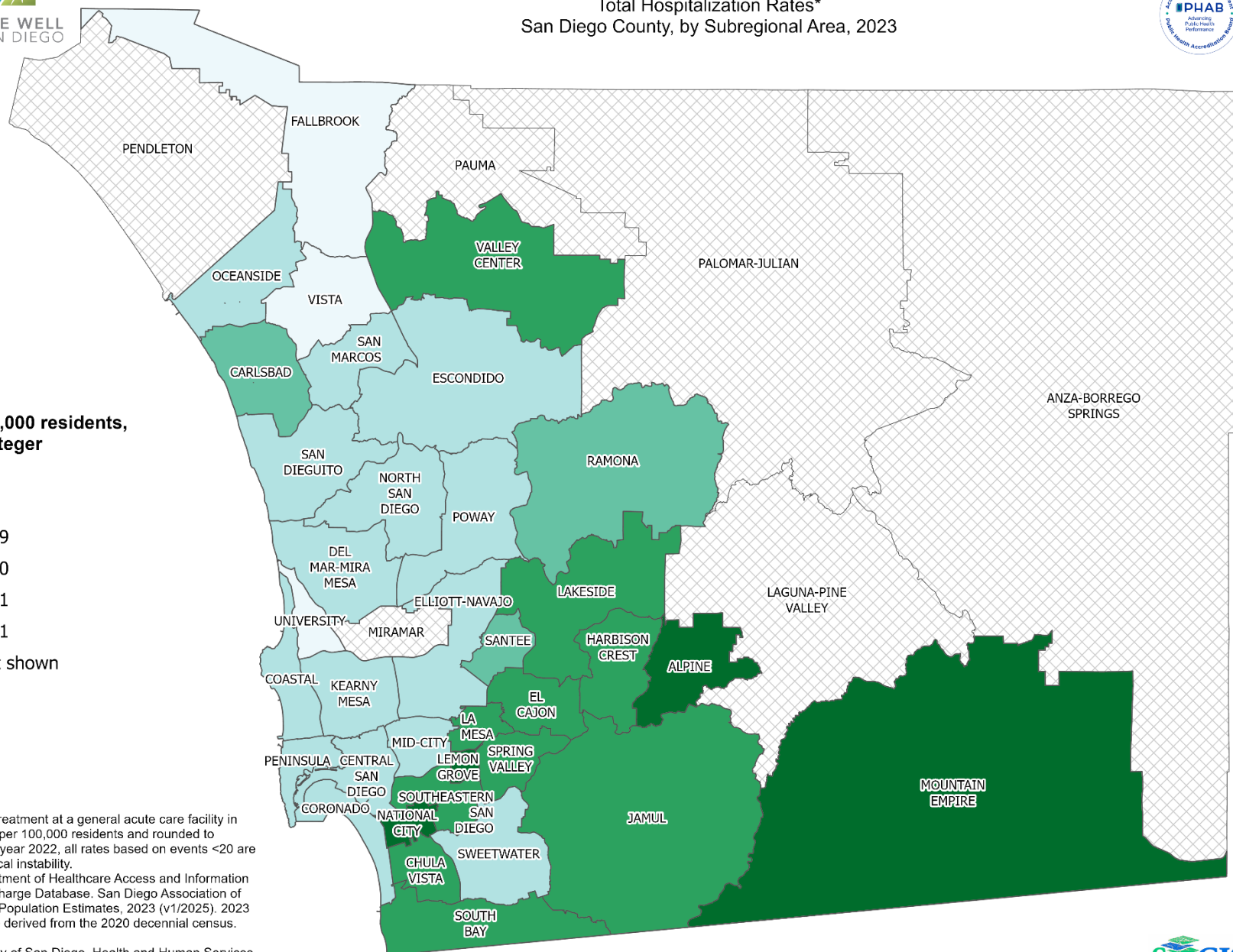
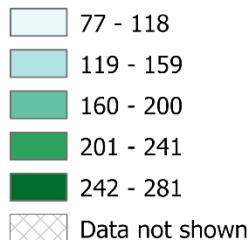


Total Hospitalization Rates* San Diego County, by Subregional Area, 2023



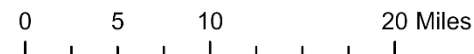
**Rates per 100,000 residents,
rounded to integer**

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



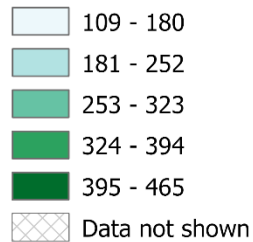


Hospitalization Rates Among Non-Hispanic Asian/Pacific Islander Residents* San Diego County, by Subregional Area, 2023



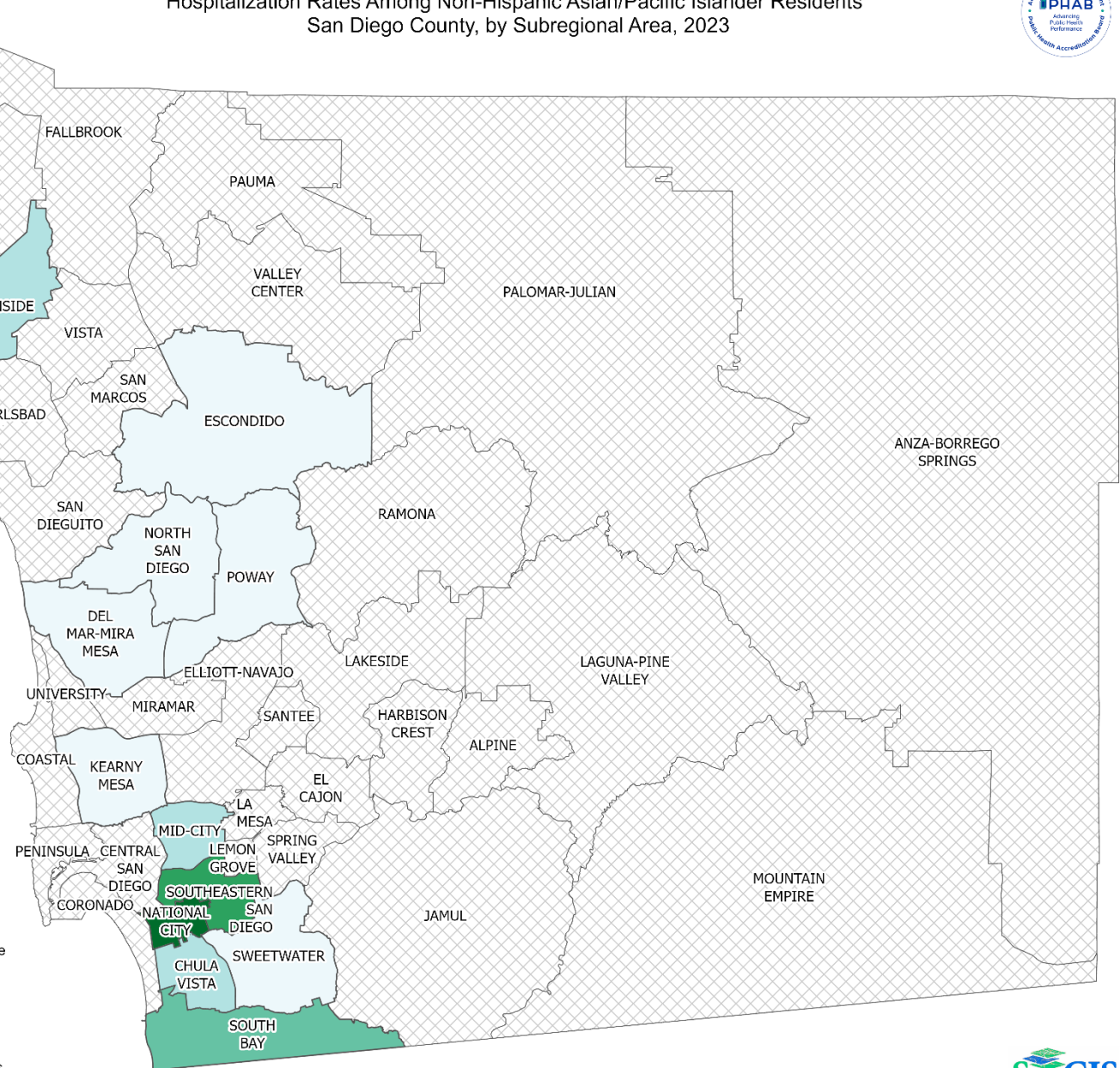
**Rates per 100,000 residents,
rounded to integer**

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



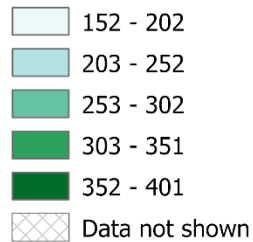


Hospitalization Rates Among Non-Hispanic Black Residents* San Diego County, by Subregional Area, 2023



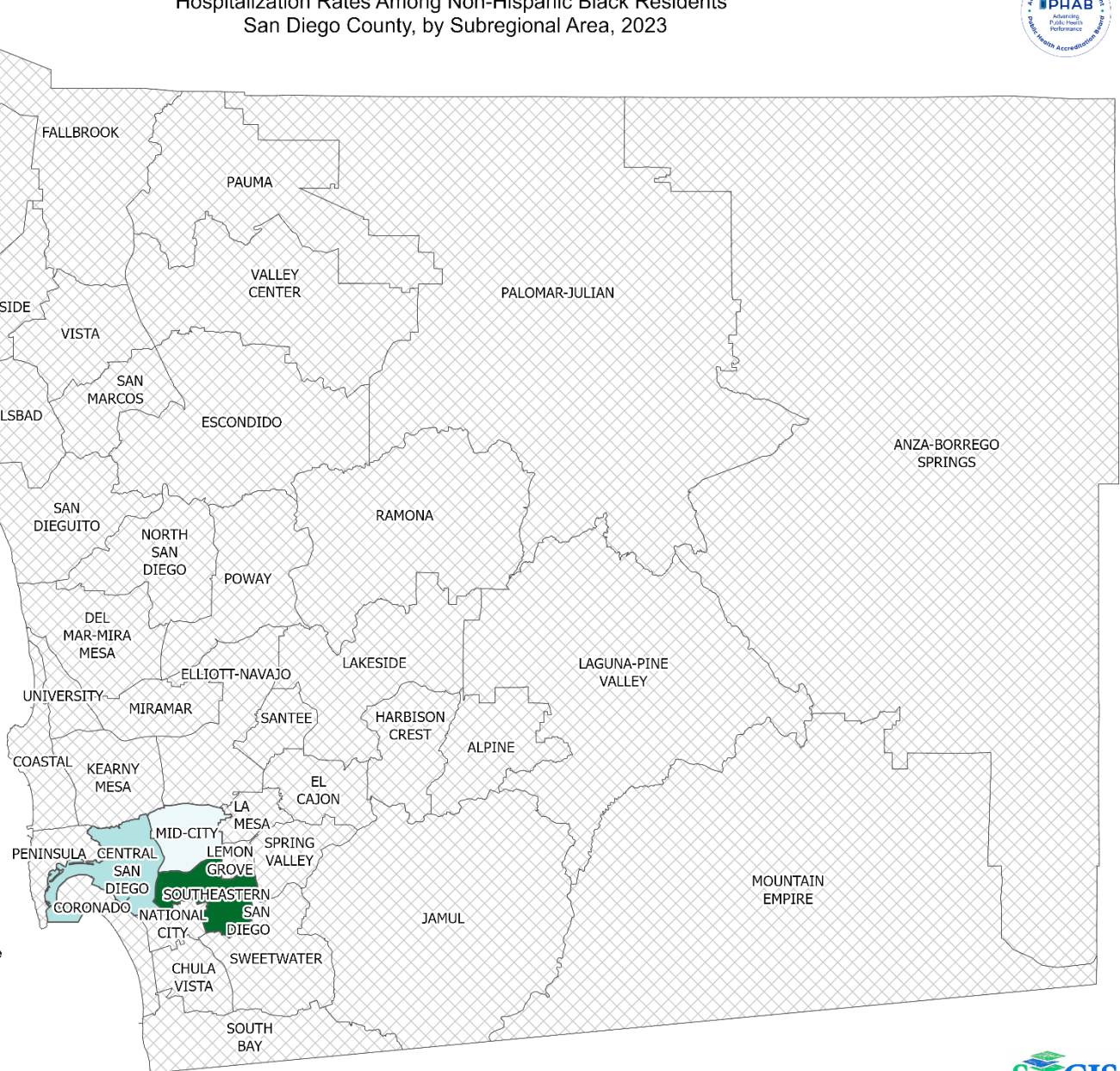
**Rates per 100,000 residents,
rounded to integer**

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



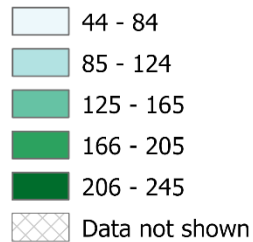


Hospitalization Rates Among Hispanic Residents* San Diego County, by Subregional Area, 2023



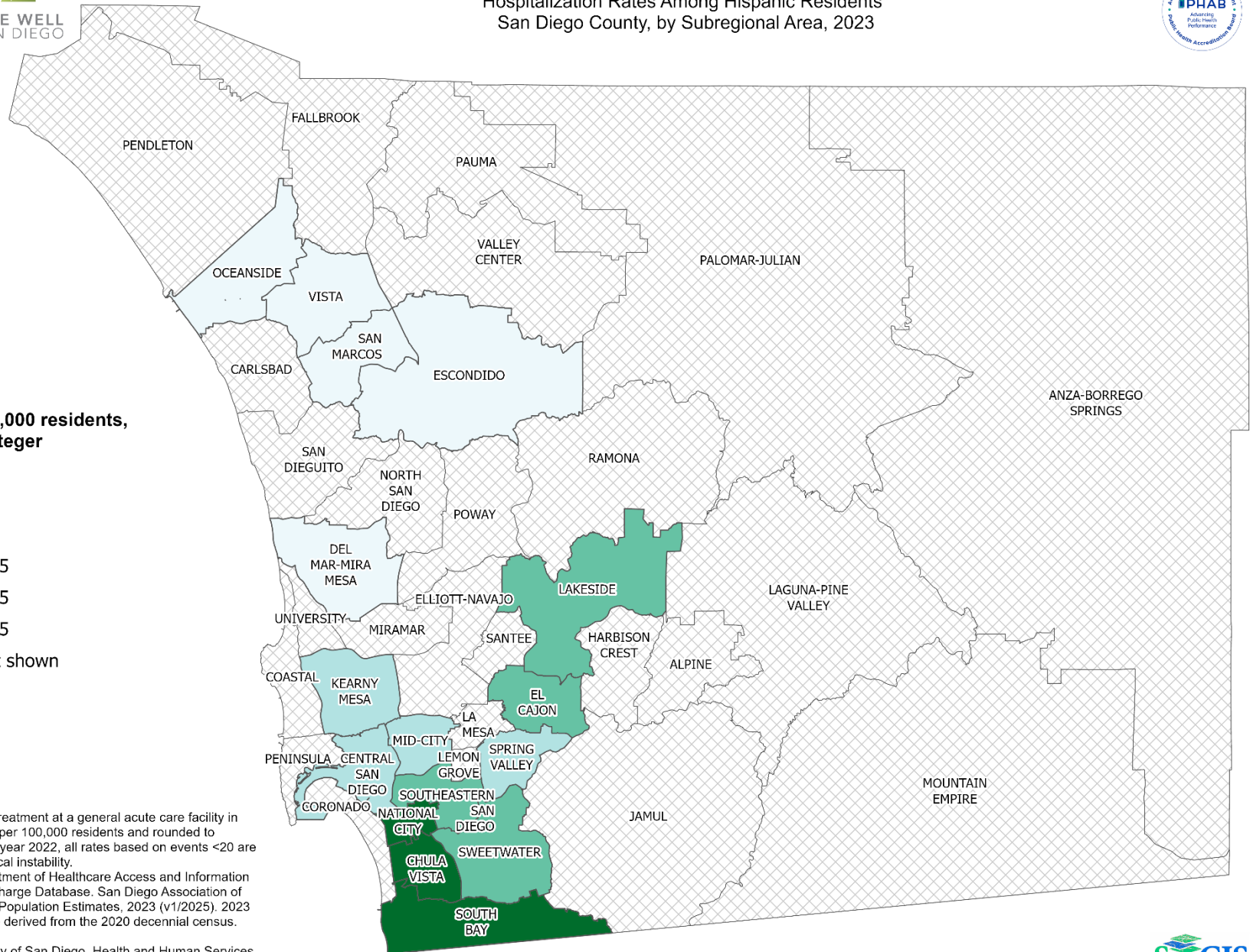
Rates per 100,000 residents, rounded to integer

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



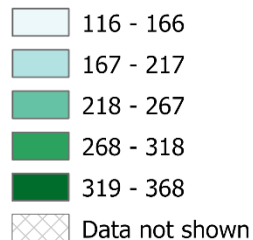


Hospitalization Rates Among Non-Hispanic White Residents* San Diego County, by Subregional Area, 2023



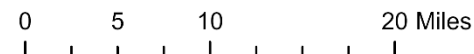
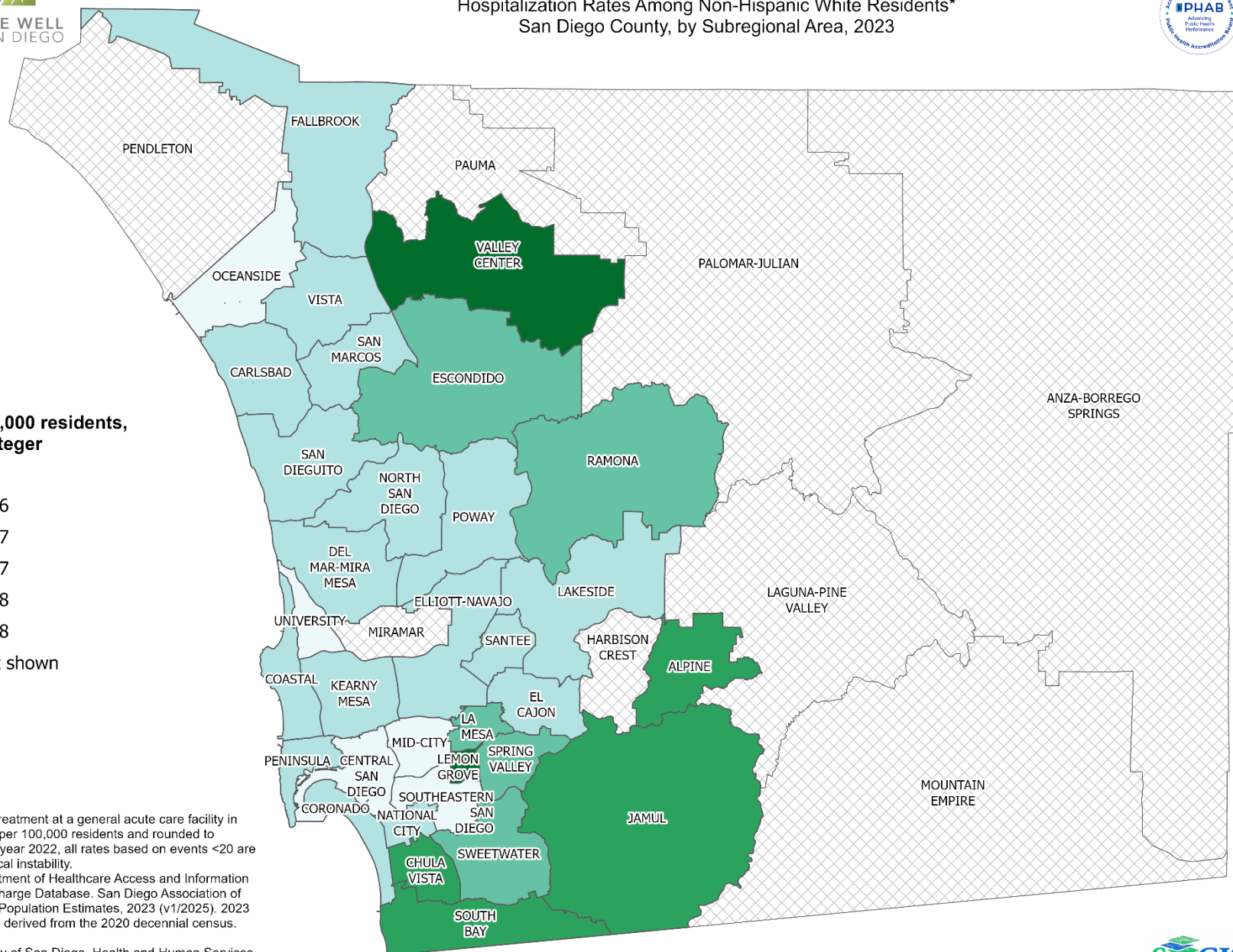
**Rates per 100,000 residents,
rounded to integer**

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



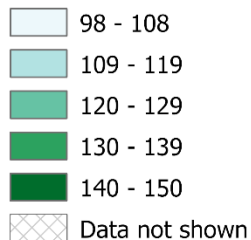


Hospitalization Rates Among Residents, Ages 40-49* San Diego County, by Subregional Area, 2023



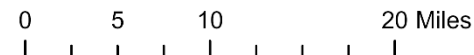
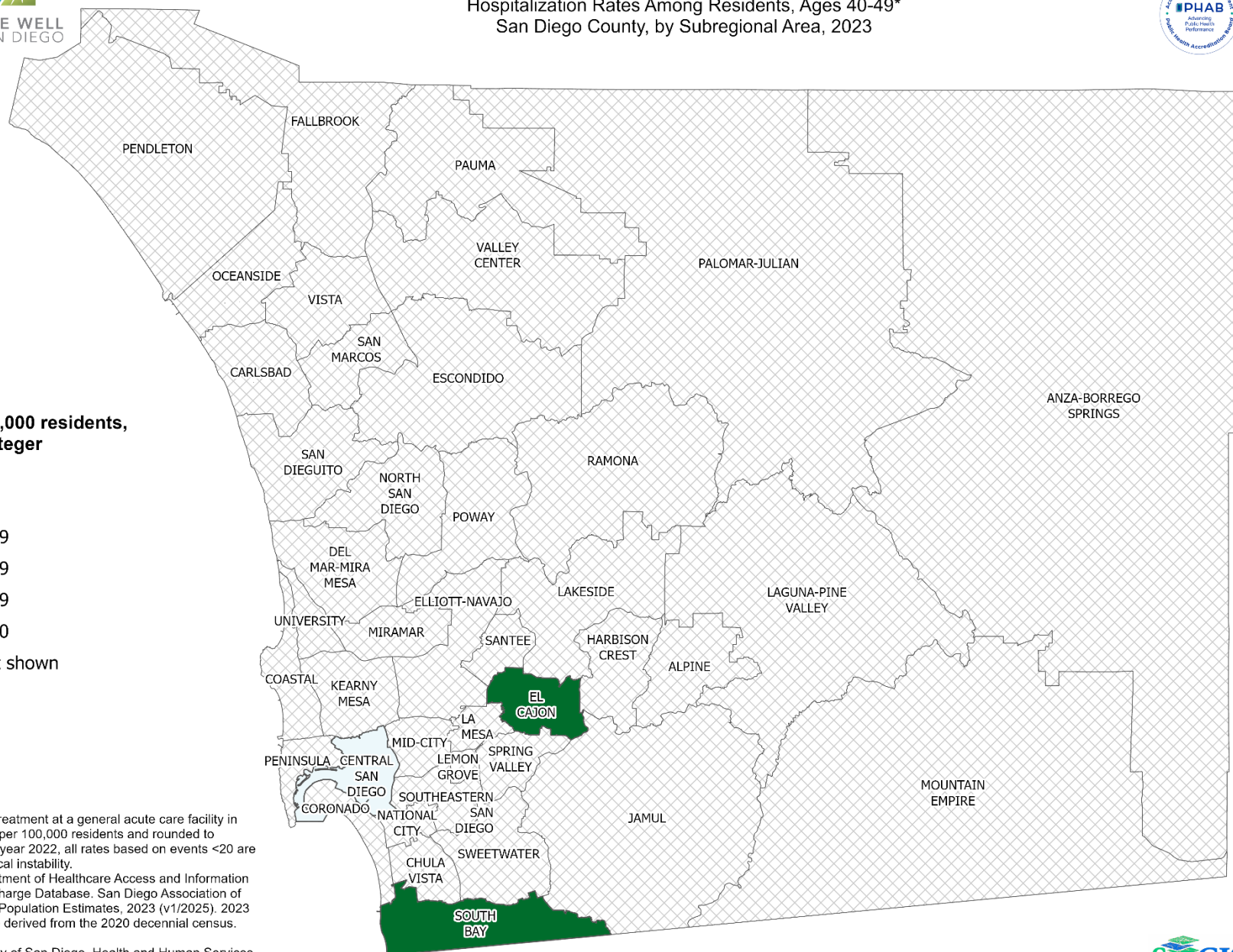
Rates per 100,000 residents, rounded to integer

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



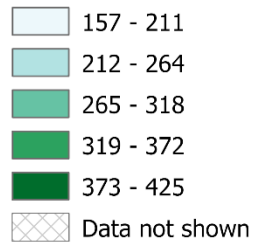


Hospitalization Rates Among Residents, Ages 50-59* San Diego County, by Subregional Area, 2023



**Rates per 100,000 residents,
rounded to integer**

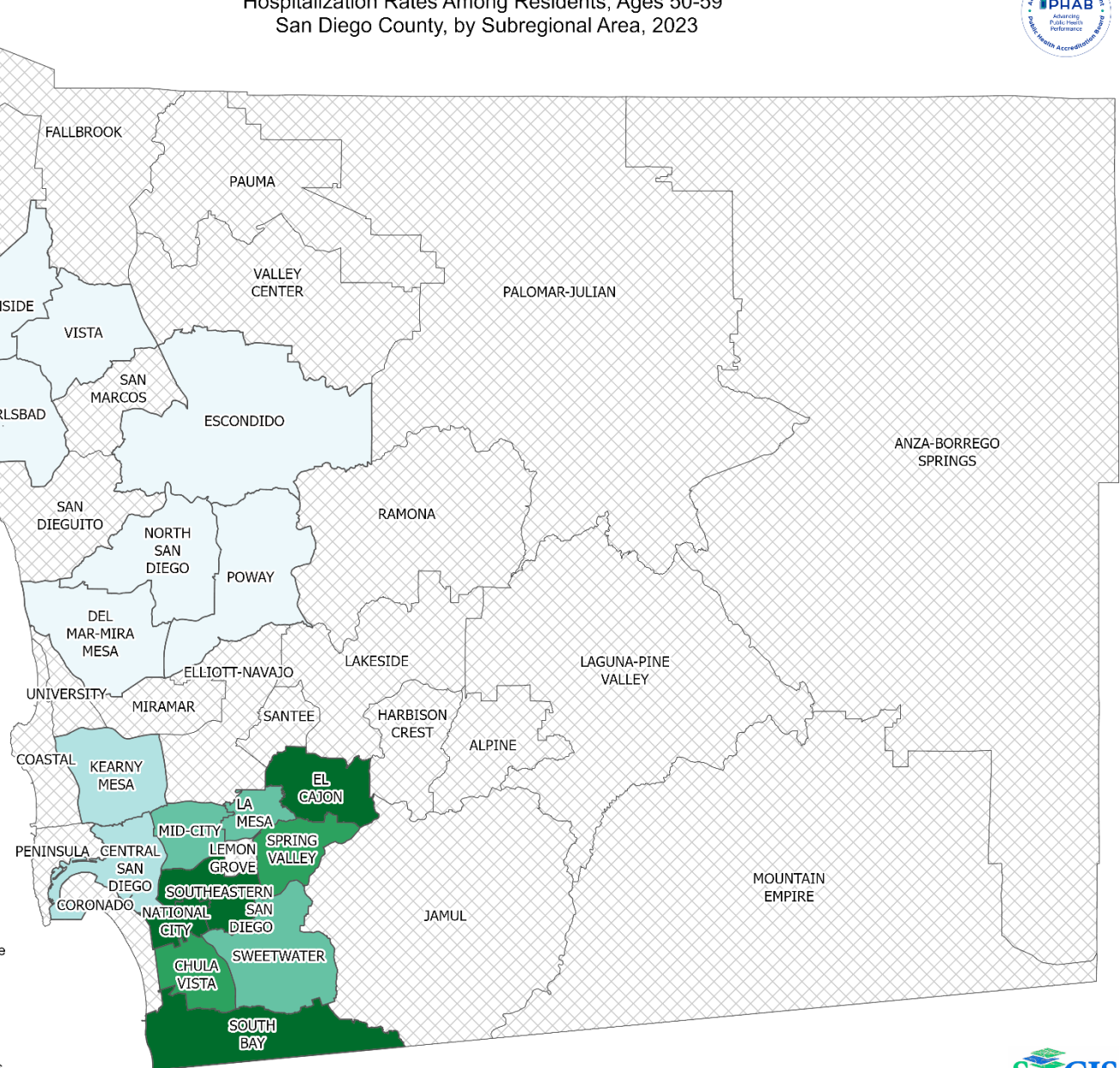
CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



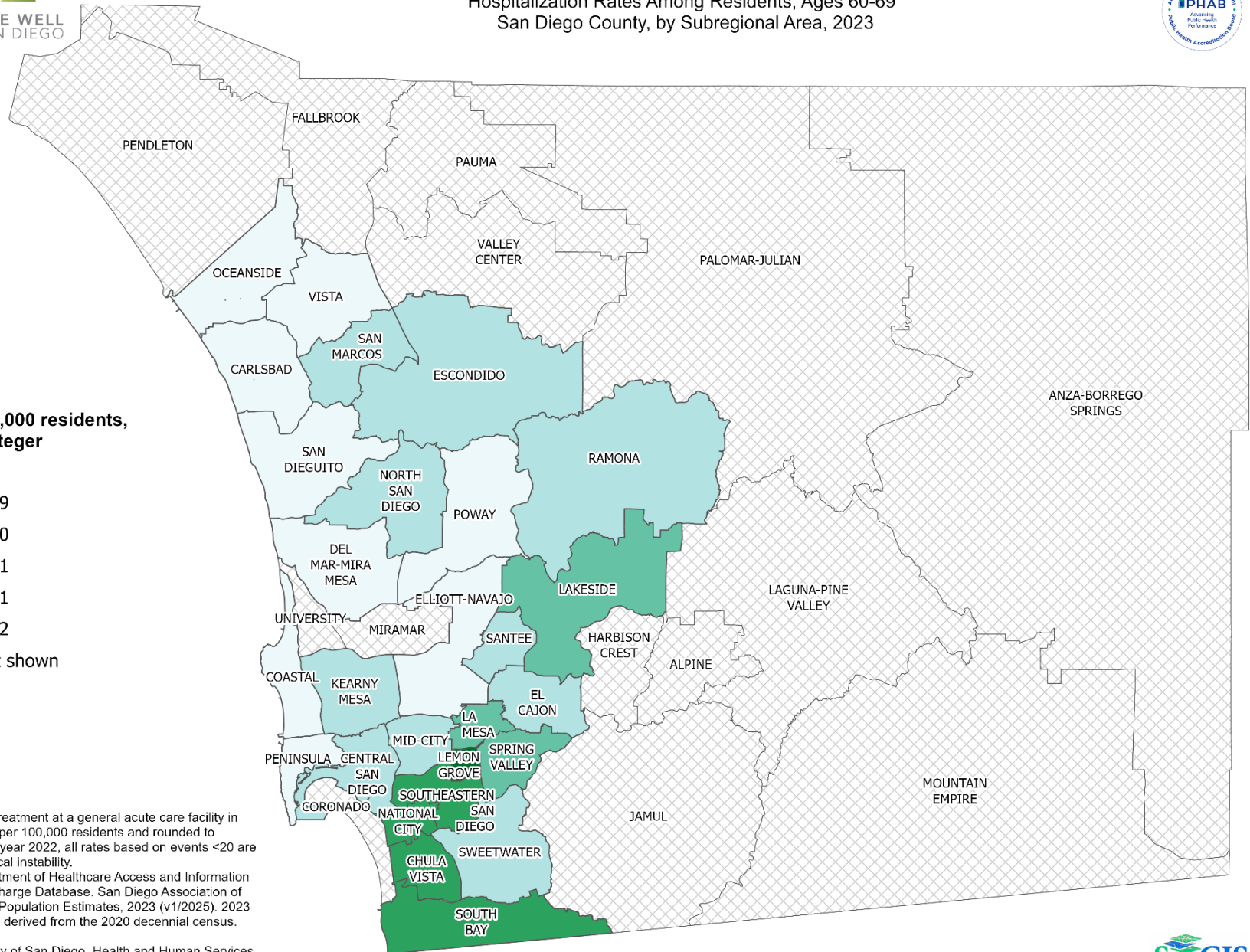
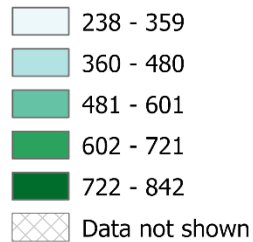


Hospitalization Rates Among Residents, Ages 60-69* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents, rounded to integer

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



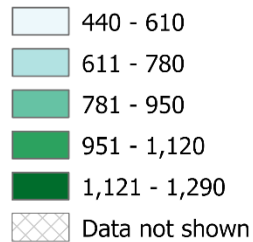


Hospitalization Rates Among Residents, Ages 70-79* San Diego County, by Subregional Area, 2023



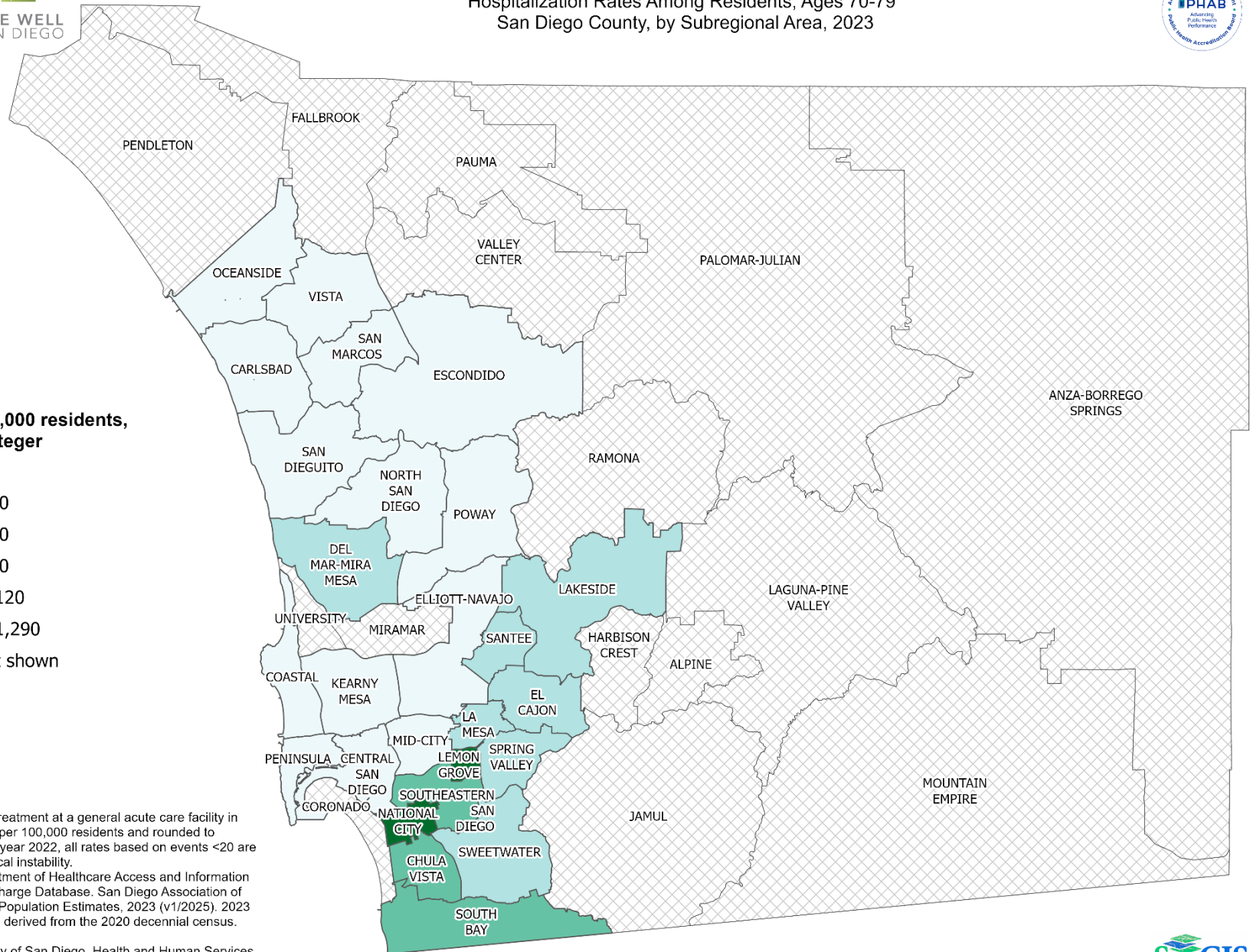
Rates per 100,000 residents, rounded to integer

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.



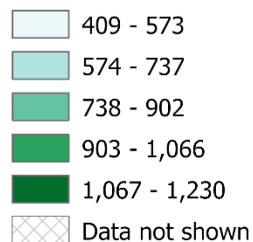


Hospitalization Rates Among Residents, Ages 80+* San Diego County, by Subregional Area, 2023



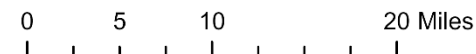
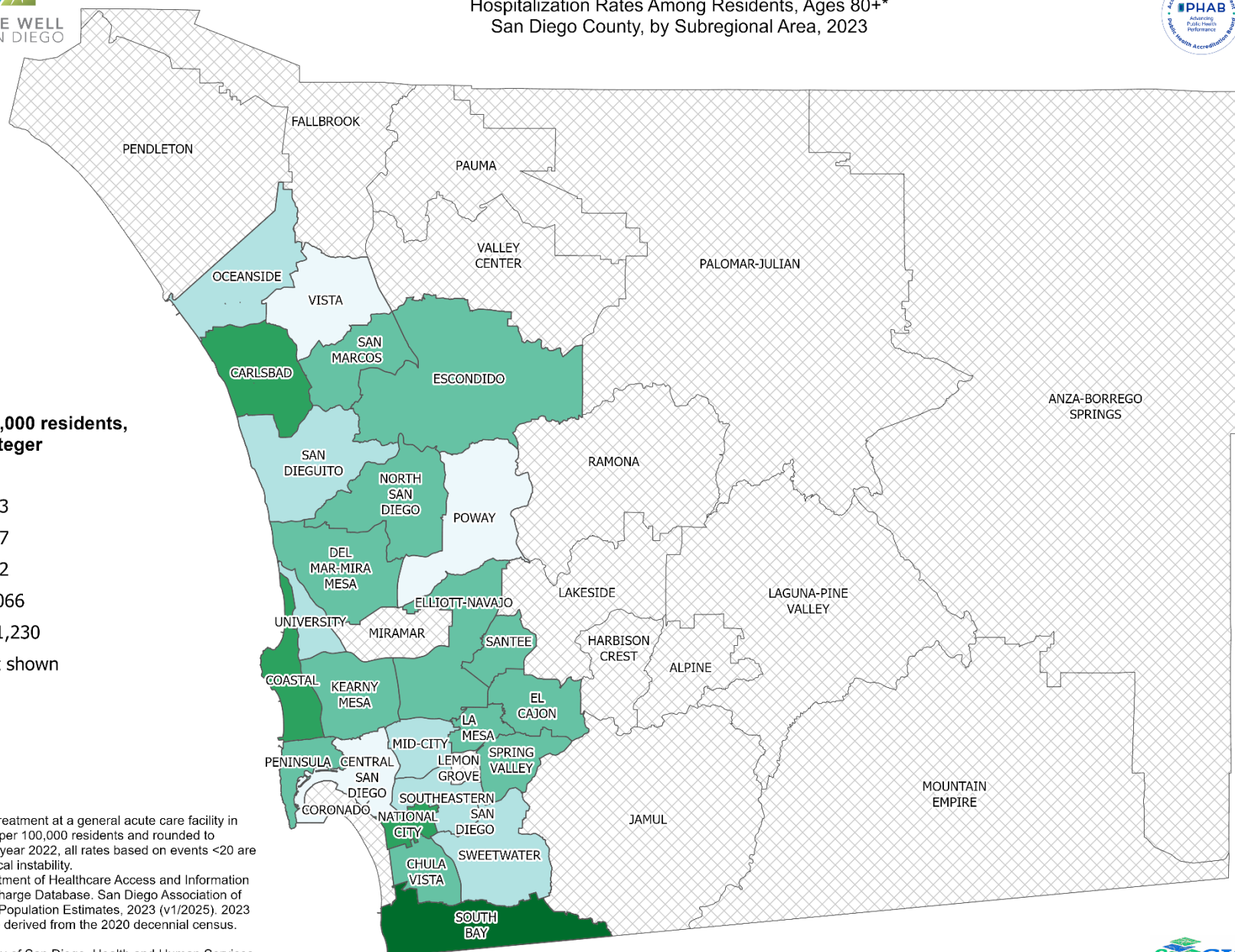
Rates per 100,000 residents, rounded to integer

CHD



*Hospitalization refers to treatment at a general acute care facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Patient Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
September 2025.





Section 3: Emergency Department Discharge

Emergency Department Discharge Rates Among San Diego County Residents by Demographic, 2023:

- Total Rate
- Race/Ethnicity
 - Non-Hispanic Asian/Pacific Islander (API)
 - Non-Hispanic Black
 - Hispanic
 - Non-Hispanic White
- Age Group
 - 0-9 Years
 - 10-19 Years
 - 20-29 Years
 - 30-39 Years
 - 40-49 Years
 - 50-59 Years
 - 60-69 Years
 - 70-79 Years
 - 80+ Years



Total Emergency Department Discharge Rates* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents,
rounded to integer

CHD

19 - 33

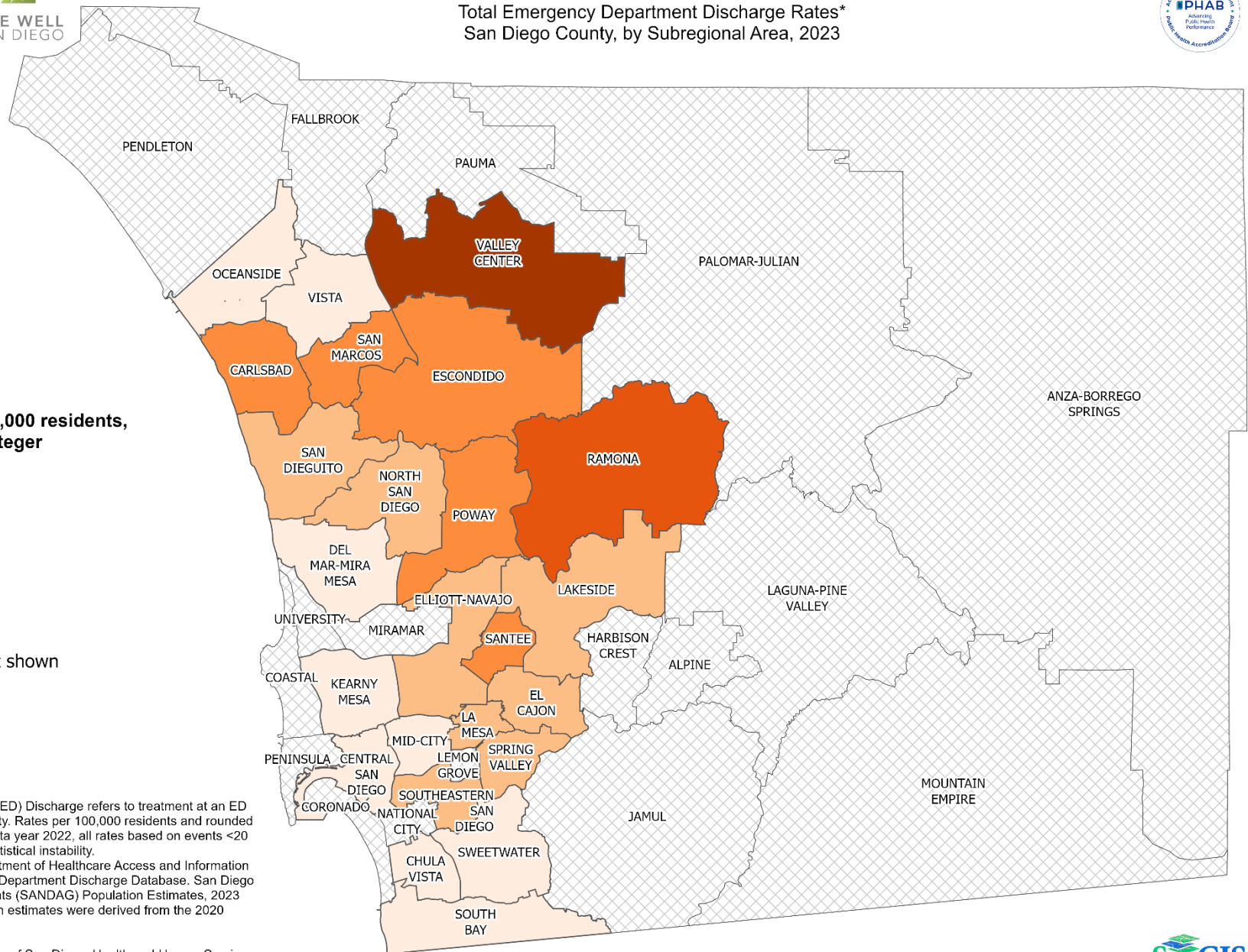
34 - 48

49 - 62

63 - 76

77 - 90

Data not shown



*Emergency Department (ED) Discharge refers to treatment at an ED facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Emergency Department Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
August 2025.

0 5 10 20 Miles





LIVE WELL
SAN DIEGO

Emergency Department Discharge Rates Among Hispanic Residents* San Diego County, by Subregional Area, 2023

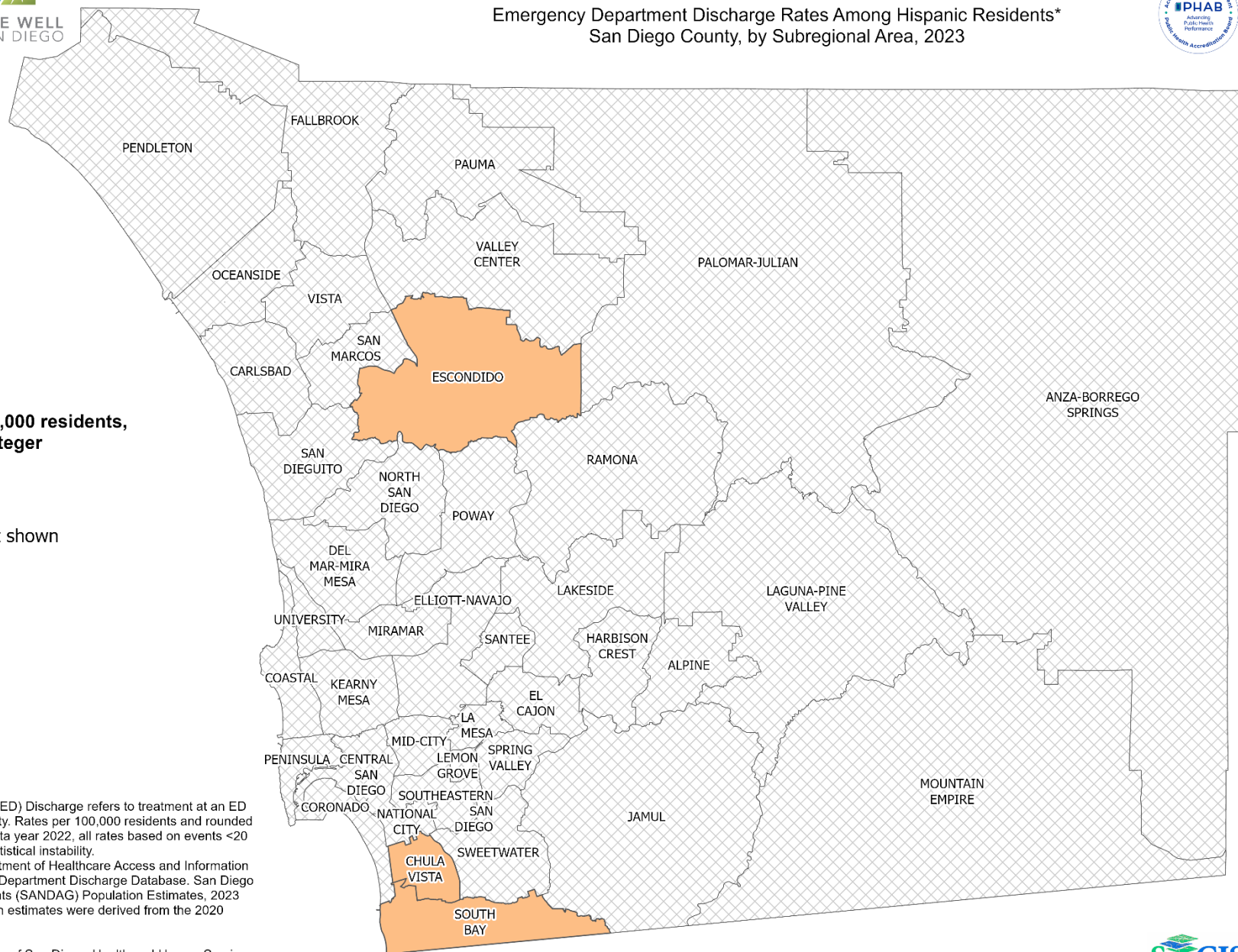


**Rates per 100,000 residents,
rounded to integer**

CHD

27 - 29

Data not shown



*Emergency Department (ED) Discharge refers to treatment at an ED facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.

Sources: California Department of Healthcare Access and Information (HCAI), 2023 Emergency Department Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit. Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/ LiveWellSD.org. August 2025.

0 5 10 20 Miles





Emergency Department Discharge Rates Among Non-Hispanic White Residents* San Diego County, by Subregional Area, 2023



Rates per 100,000 residents,
rounded to integer

CHD

31 - 42

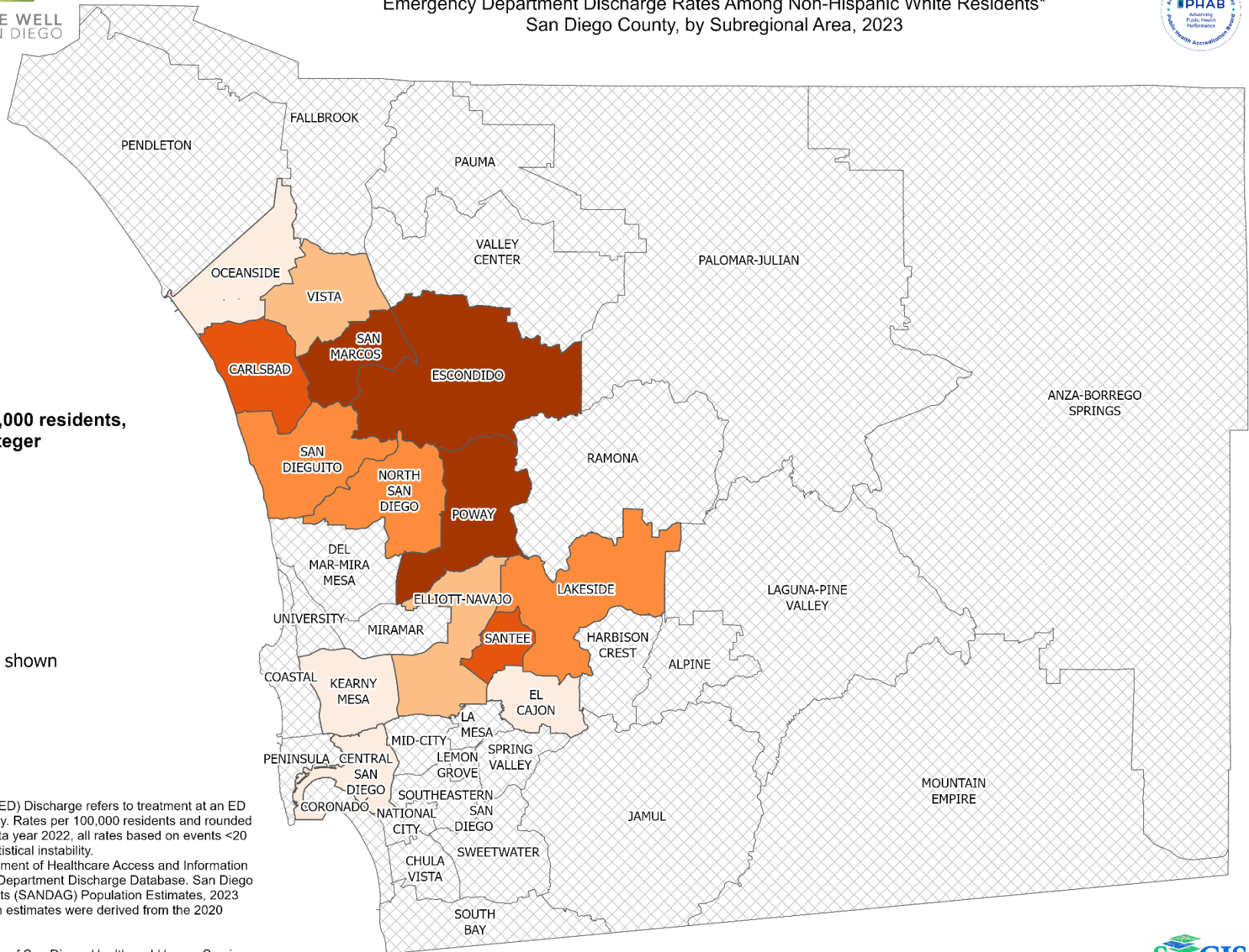
43 - 52

53 - 63

64 - 73

74 - 84

Data not shown



*Emergency Department (ED) Discharge refers to treatment at an ED facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Emergency Department Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/LiveWellSD.org.
August 2025.

0 5 10 20 Miles





LIVE WELL
SAN DIEGO

Emergency Department Discharge Rates Among Residents, Ages 60-69* San Diego County, by Subregional Area, 2023

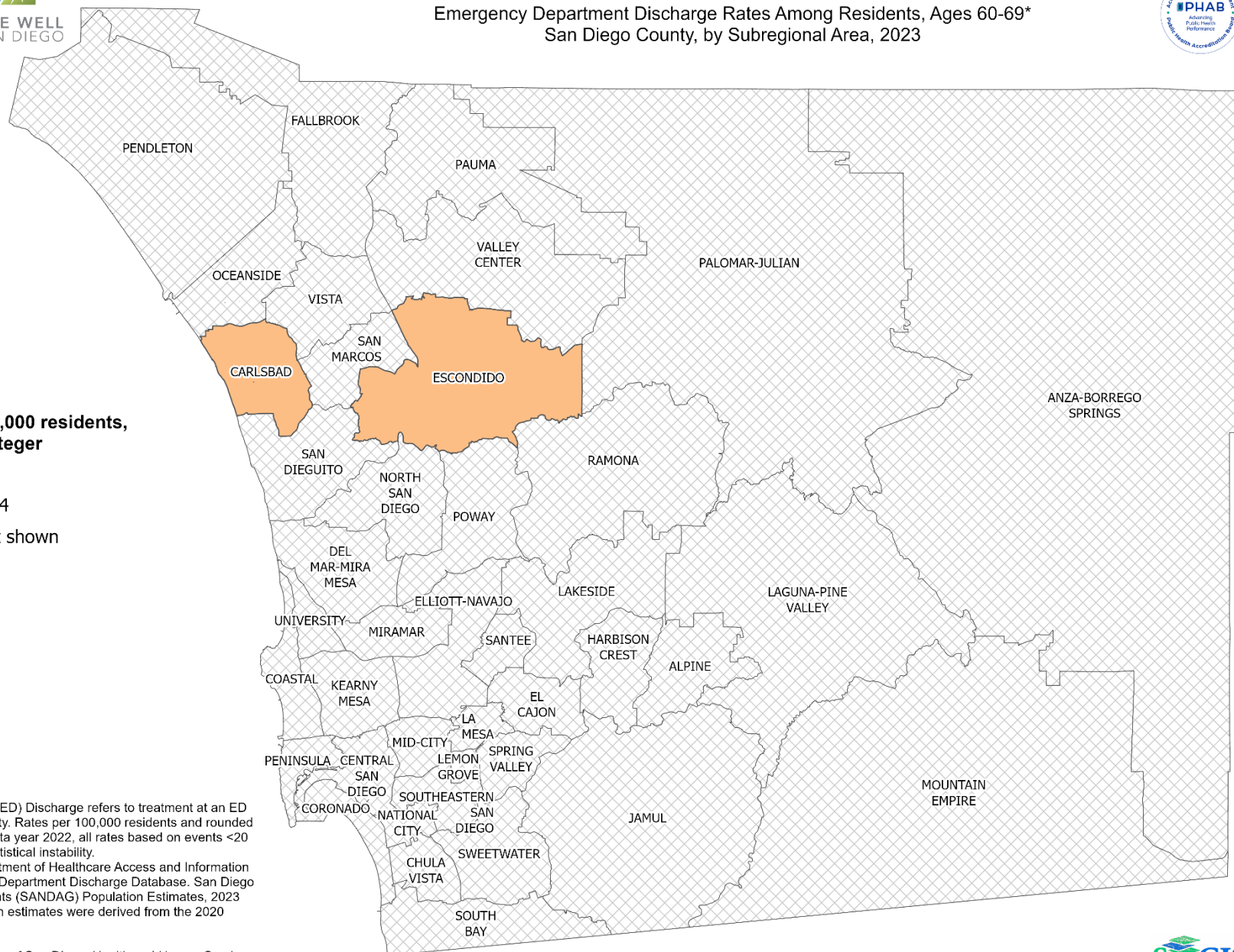


**Rates per 100,000 residents,
rounded to integer**

CHD

118 - 124

Data not shown



*Emergency Department (ED) Discharge refers to treatment at an ED facility in San Diego County. Rates per 100,000 residents and rounded to integer. Starting with data year 2022, all rates based on events <20 are suppressed due to statistical instability.
Sources: California Department of Healthcare Access and Information (HCAI), 2023 Emergency Department Discharge Database. San Diego Association of Governments (SANDAG) Population Estimates, 2023 (v1/2025). 2023 population estimates were derived from the 2020 decennial census.

Maps & Analysis by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit.
Contact 619.692.6672. https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/
[LiveWellSD.org](https://www.sandiegocounty.gov/hhsa/programs/phs/community_health_statistics/).
August 2025.

0 5 10 20 Miles





Section 4: In-Patient Treatment

In-Patient Treatment Rates Among San Diego County Residents by Demographic, 2023:

- Total Rate
- Race/Ethnicity
 - Non-Hispanic Asian/Pacific Islander (API)
 - Non-Hispanic Black
 - Hispanic
 - Non-Hispanic White
- Age Group
 - 0-9 Years
 - 10-19 Years
 - 20-29 Years
 - 30-39 Years
 - 40-49 Years
 - 50-59 Years
 - 60-69 Years
 - 70-79 Years
 - 80+ Years

**No SRA-level rate
data available for this
section.**