Cardiac Arrest Outcomes & Bystander CPR

Emergency Medical Care Committee (EMCC) November 21, 2024

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County of San Diego CARES Data, 2019-2023



Non-Traumatic Etiology Survival Rates

Overall

n = 10464

9.1%

Bystander Wit'd

n = 2920

16.0%

Utstein (1)

n = 859

35.6%

Unwitnessed

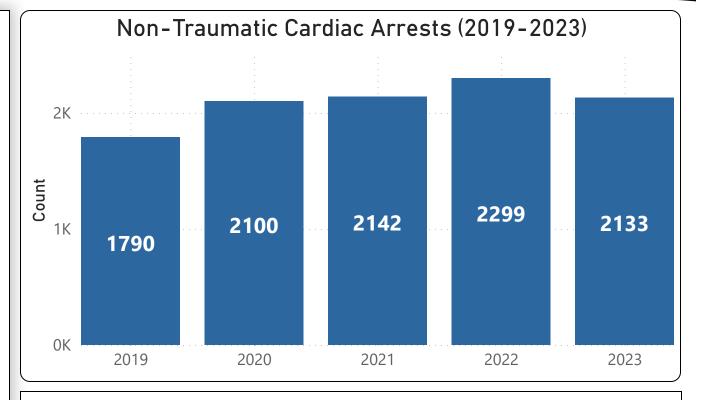
n = 6547

4.9%

Utstein Bystander (2)

n = 618

38.2%



Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

¹Utstein: Witnessed by bystander and found in shockable rhythm.

³Bystander CPR rate excludes 911 Responder Witnessed, Nursing Home, and Healthcare Facility arrests. Public AED Use rate excludes 911 Responder Witnessed, Home/Residence, Nursing Home, and Healthcare Facility arrests.

Note: Data excludes Chula Vista, Coronado, and Escondido Fire Departments 2023 data excludes Mercy Medical

Bystander Intervention Rates (3)

CPR

n = **8125**

49.4%

Public AED Use

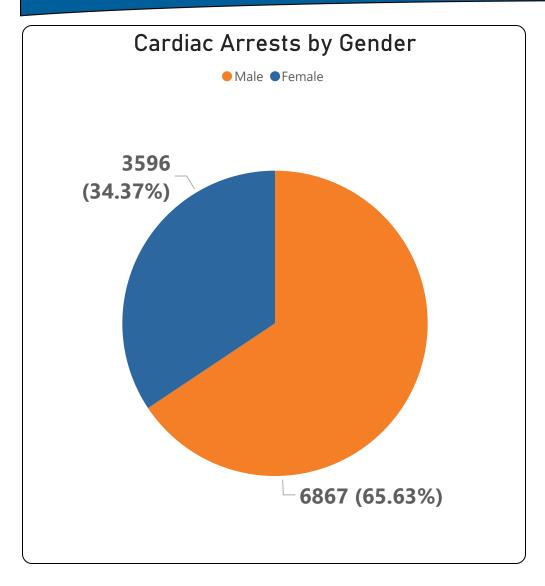
n = 1709

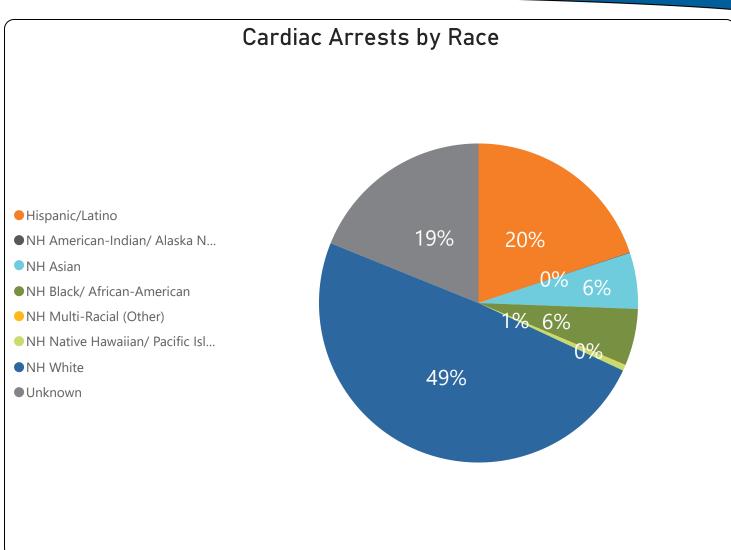
8.4%

²Utstein Bystander: Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR and/or AED application).

Cardiac Arrest Demographics, 2019-2023

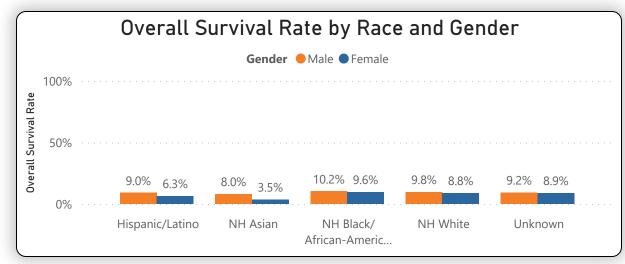


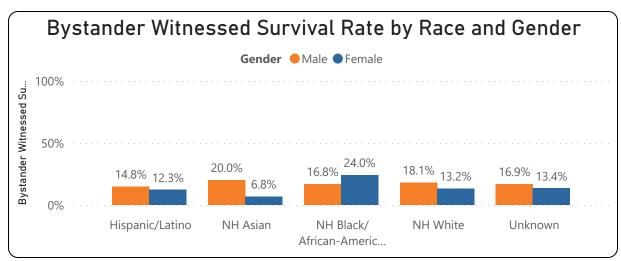


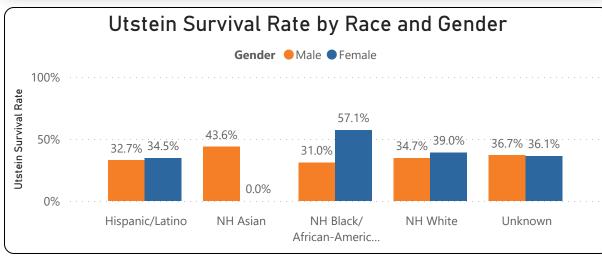


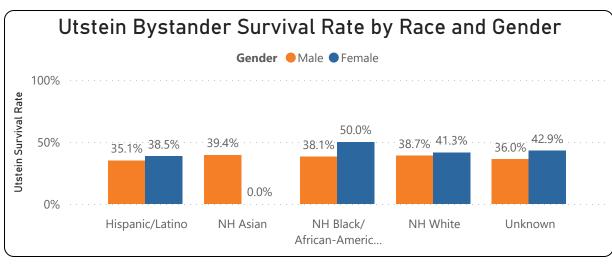
Non-Traumatic Etiology Survival Rates by Demographic







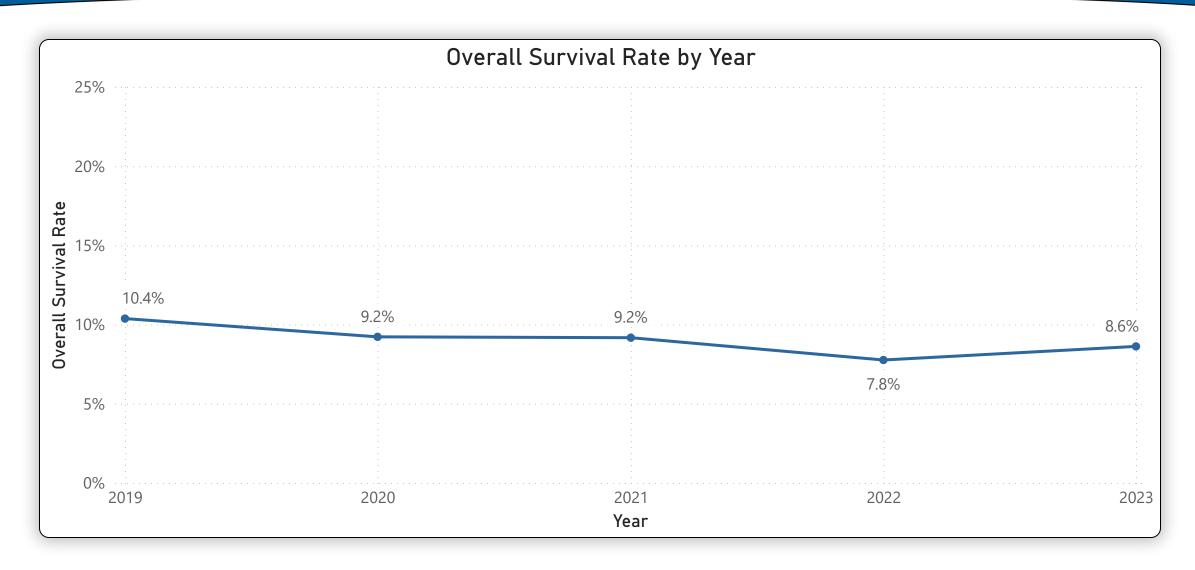




Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

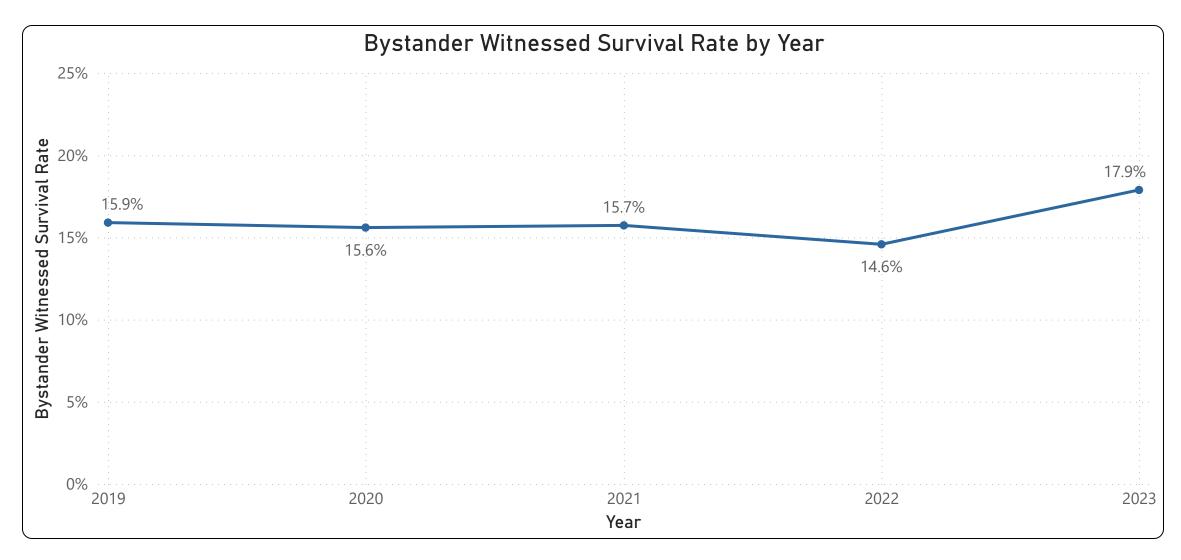
County of San Diego Overall Cardiac Arrest Survival Rates





County of San Diego Bystander Witnessed Survival Rates

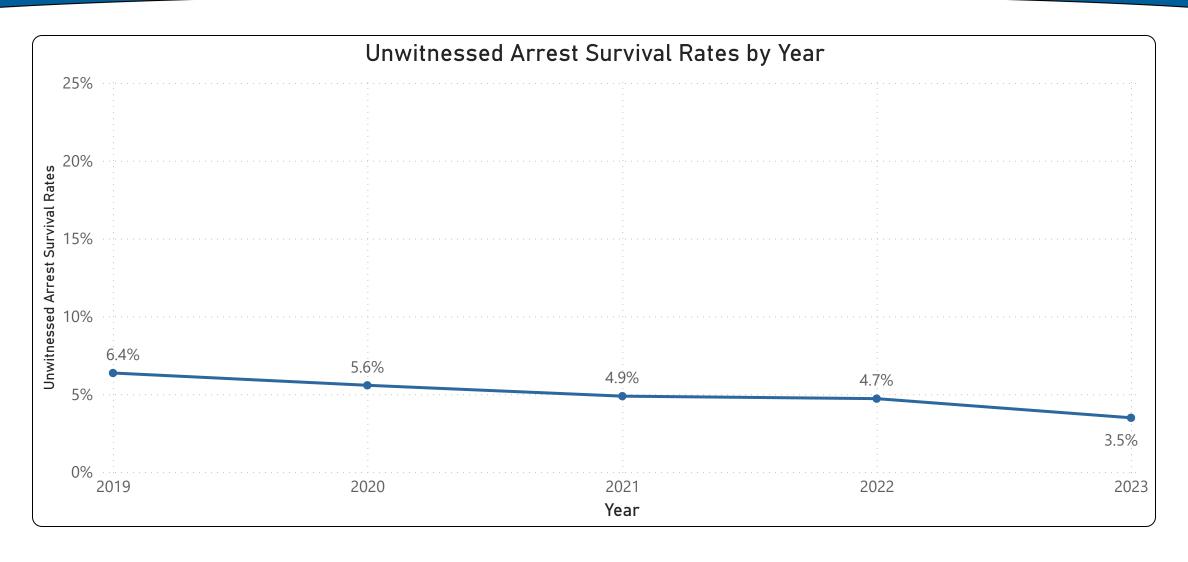




Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

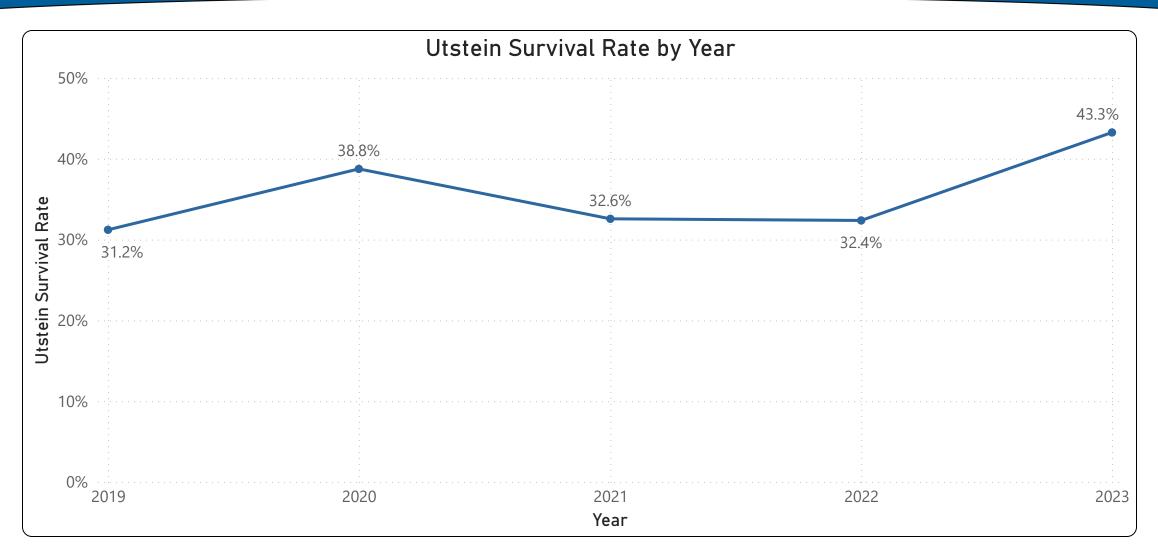
County of San Diego Unwitnessed Arrest Survival Rates





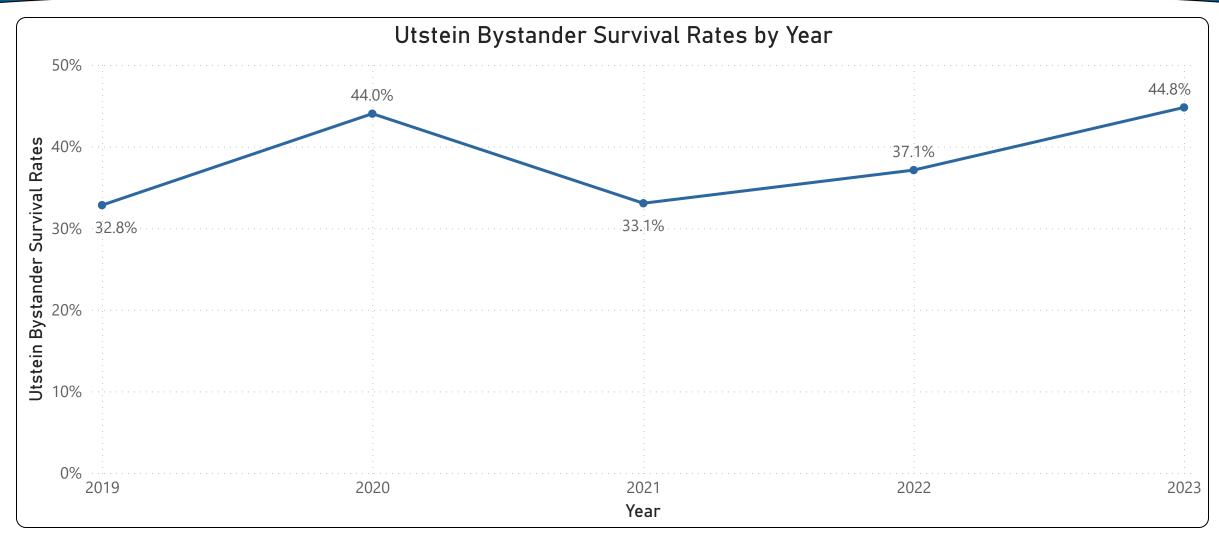
County of San Diego Utstein Survival Rates





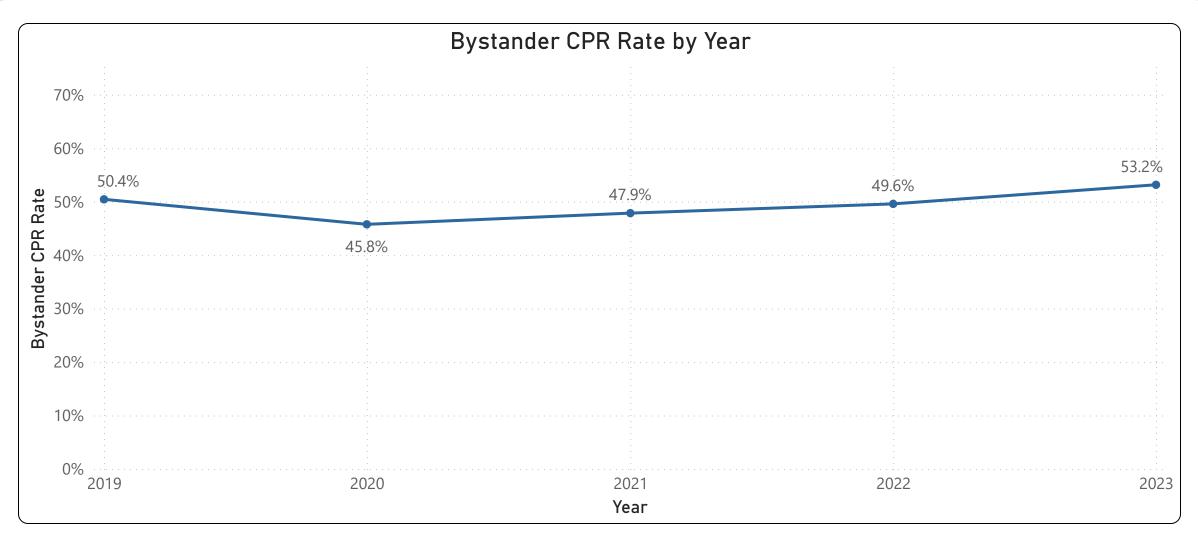
County of San Diego Utstein Bystander Survival Rates





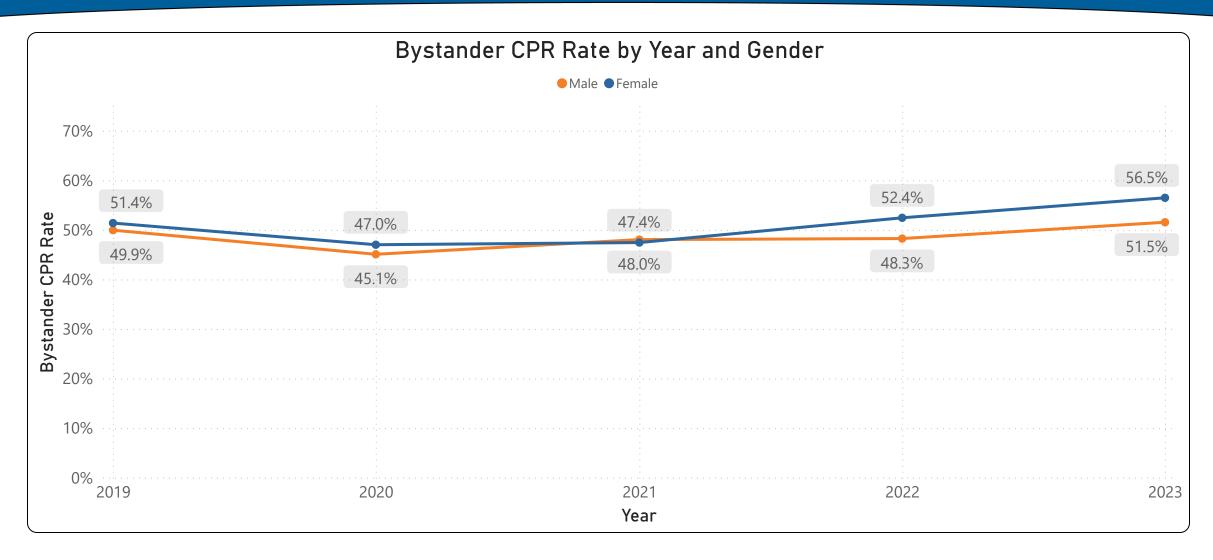
County of San Diego Bystander CPR Rates





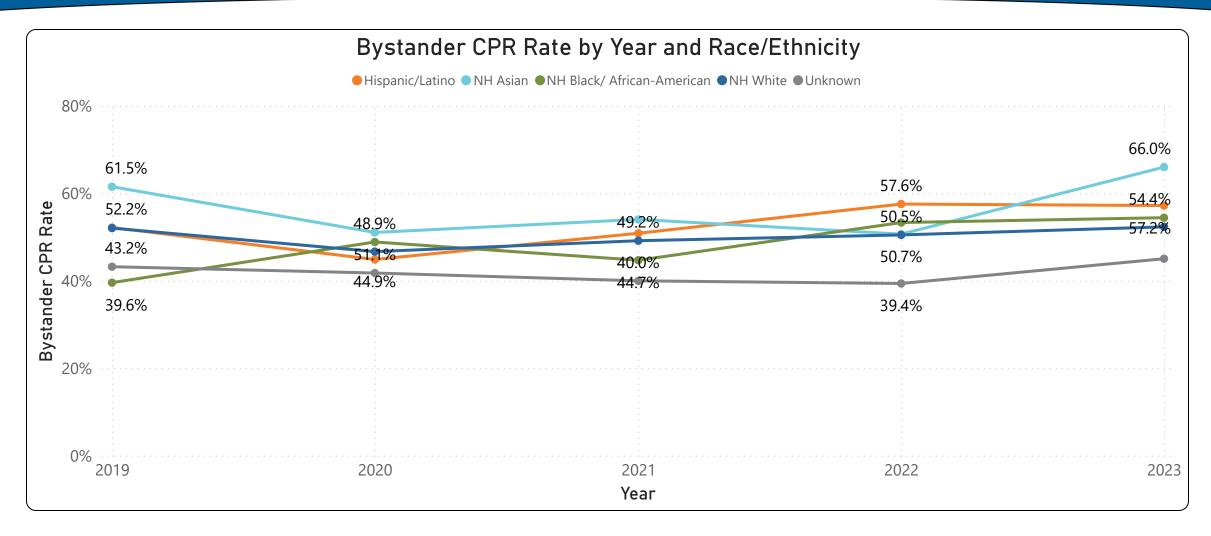
County of San Diego Bystander CPR Rates by Gender





County of San Diego Bystander CPR Rates by Race/Ethnicity





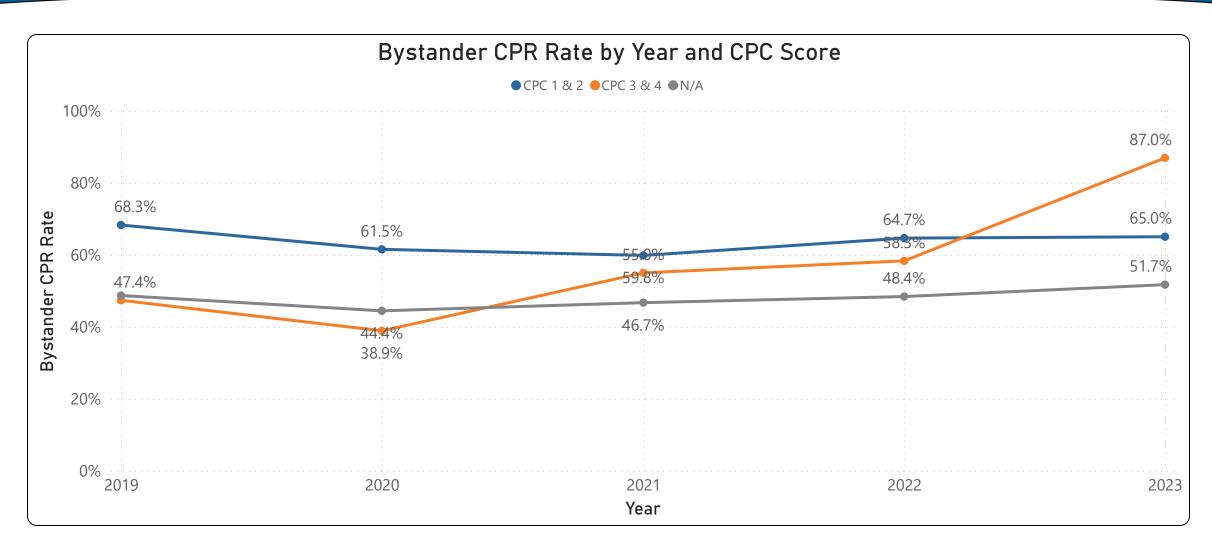
Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

Bystander CPR rate excludes 911 Responder Witnessed, Nursing Home, and Healthcare Facility arrests.

NH = Non-Hispanic

County of San Diego Bystander CPR Rates by CPC Score

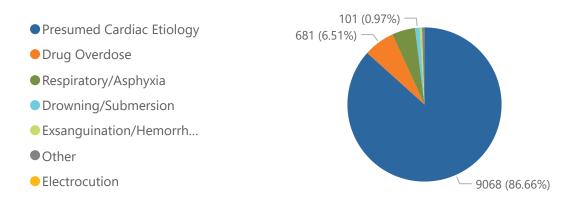


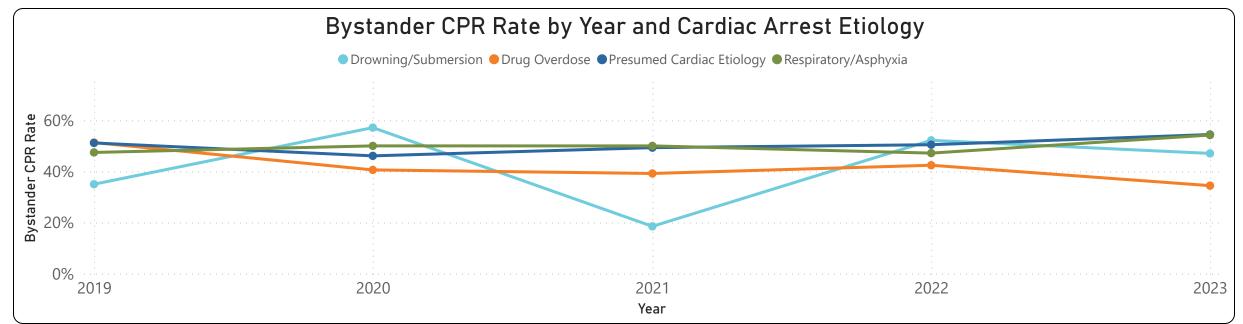


County of San Diego Bystander CPR Rates by Etiology



Presumed Cardiac Arrest Etiology (2019-2023)



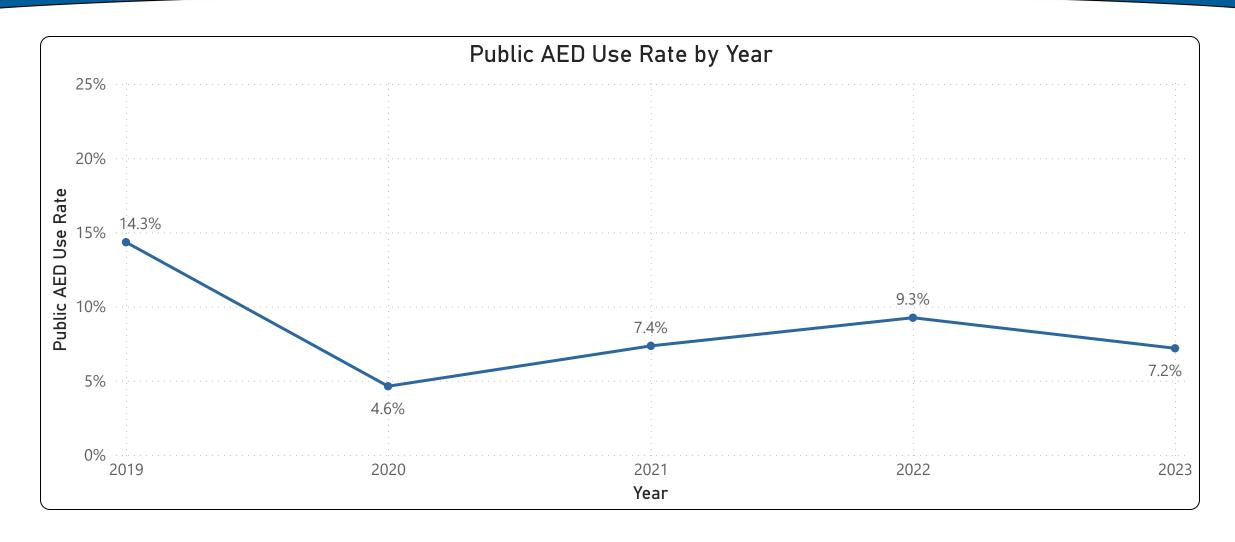


Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

Bystander CPR rate excludes 911 Responder Witnessed, Nursing Home, and Healthcare Facility arrests. Electrocution, Exsanguination/Hemorrhage, and Other Cardiac Arrest Etiology excluded.

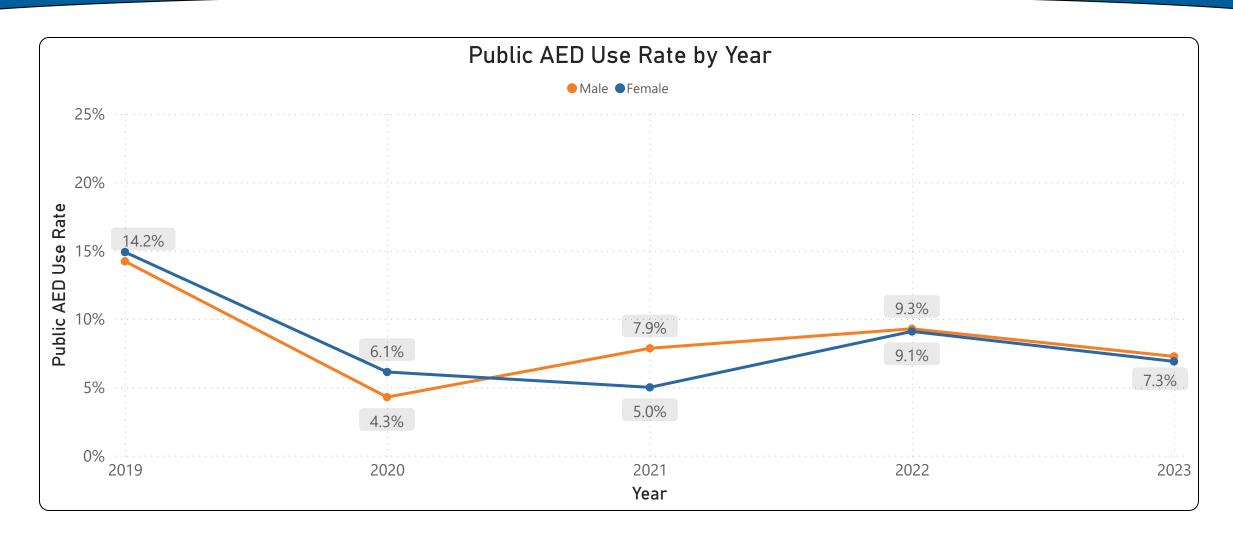
County of San Diego Public AED Use Rate





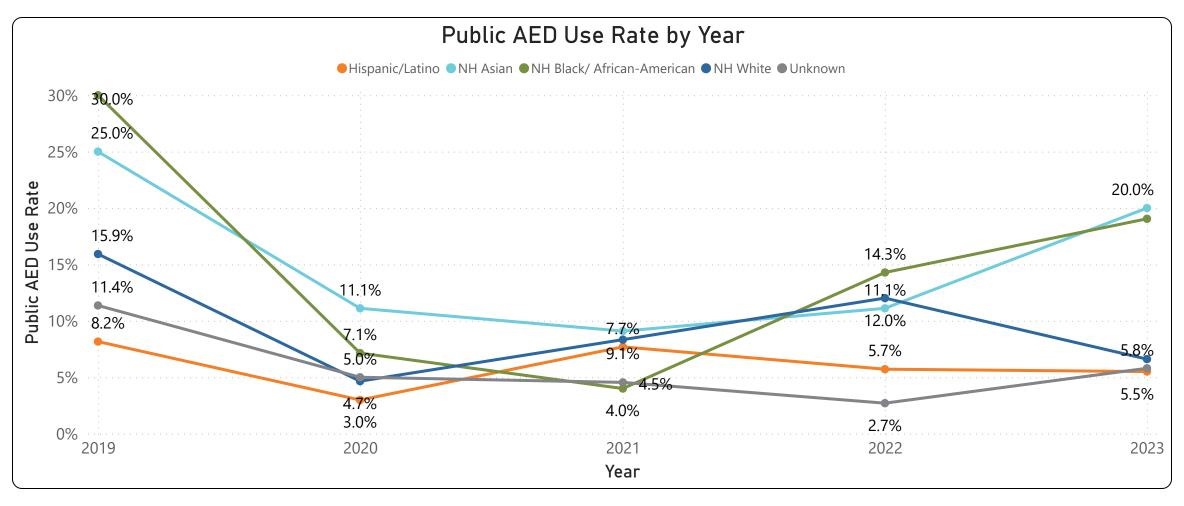
County of San Diego Public AED Use Rate





County of San Diego Public AED Use Rate





Source: Cardiac Arrest Registry to Enhance Survival (CARES), 2019-2023

Public AED Use rate excludes 911 Responder Witnessed, Home/Residence, Nursing Home, and Healthcare Facility arrests.

NH = Non-Hispanic







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