



San Diego HIV Planning Group
Priority Setting and Resource Allocation Committee



2023 Key Data Findings
HIV EPIDEMIOLOGY

Approved June 22, 2023

OVERALL

- Total Persons Living with HIV disease (PLWH) in San Diego County (Prevalent cases) = **14,634**.
- Recent cases (2018 – 2022) = **2,139** (this is a subset of the total or prevalent cases)

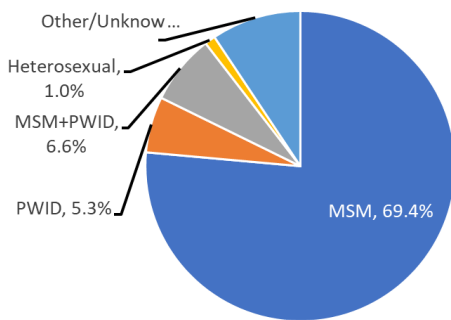
BIRTH SEX

- The proportion of female HIV disease diagnoses has increased slightly over the last 5 years to about 13.6% (n = 291, recent cases) (cf. 10.7% of prevalent cases; (n = 1,560, total cases for females).
- Central Region and South Region have the largest proportion of recent HIV disease diagnoses among women (>50% of total women in the two regions; (n = 138).

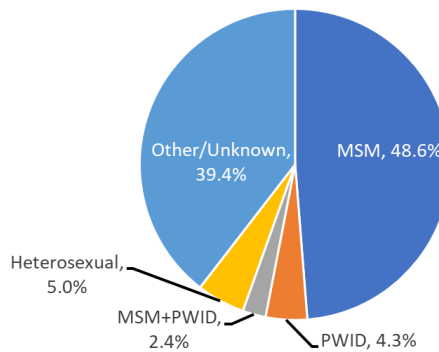
MODE OF TRANSMISSION

- The majority of people living with HIV disease (PLWH) through year-end 2022 were men who have sex with men (MSM, 69.4%; n = 10,161). For women, heterosexual transmission was the largest mode of transmission. Most recent diagnoses and PLWH were male and MSM.

People Living with HIV (PLWH)²



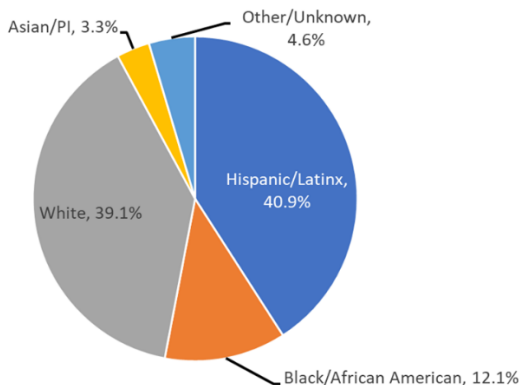
Recent HIV Cases¹



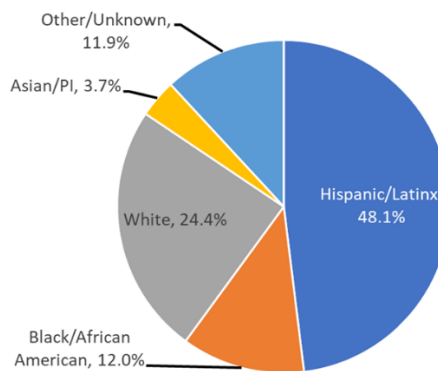
RACE/ETHNICITY

- The majority of recent HIV disease diagnoses for over ten years were people of color. The proportion of Non-Hispanic White cases decreased over time, while the proportion of Hispanic/Latino cases increased over time. The HIV rate (number/100,000 or 10⁵) was higher for Non-Hispanic Black/African American (**40.4/10⁵**) than Hispanic/Latino (**19.6/10⁵**) or Non-Hispanic White (**6.8/10⁵**) during in 2021.

People Living with HIV (PLWH)²



Recent HIV Cases¹



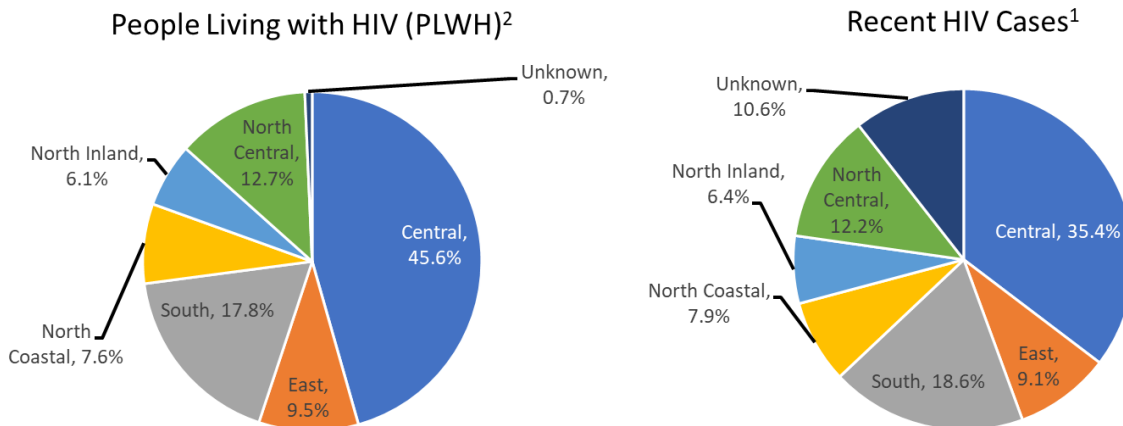
¹Persons Living with HIV disease (PLWH) = Residing in San Diego County and alive as of December 31, 2022

²Recent Cases = HIV disease diagnosis, regardless of stage of disease, between 2018 – 2022 while residing in San Diego County

All data provided by San Diego County Health & Human Services Agency; Epidemiology and Immunizations Services Branch (EISB), 2023

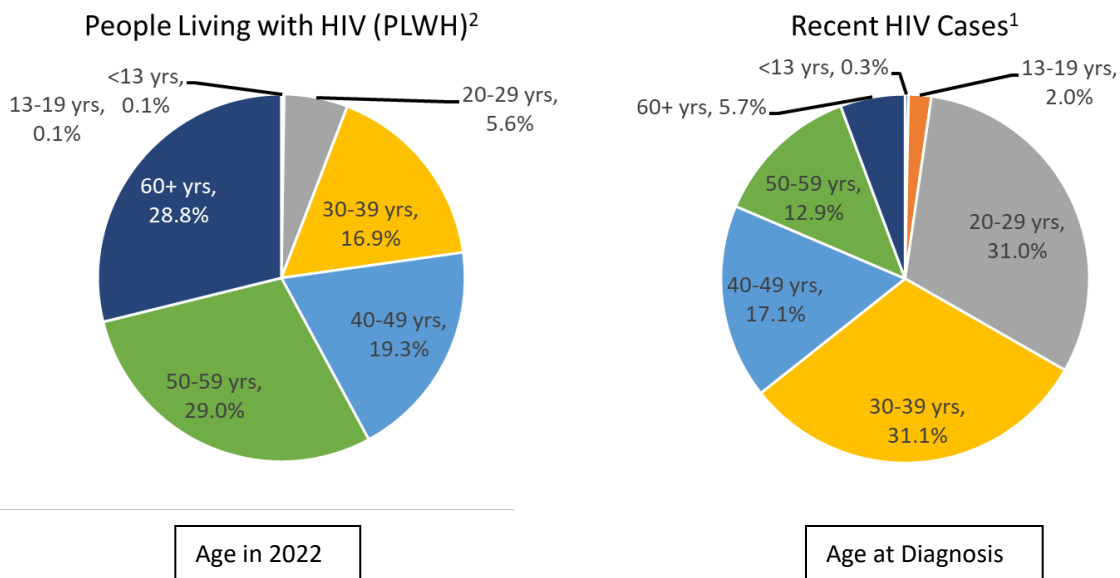
REGION AT DIAGNOSIS

- Central Region has the highest number (n = 6,666) and percentage (45.6%) of PLWH cases, followed by the South Region (n = 2,612; 17.8%).
- The proportion of HIV disease in the Central Region residents decreased over time, while the proportion of HIV disease diagnoses among South Region residents increased slightly over time.



AGE

- The 20 – 29 years and 30 – 39 years age groups were the most frequent age groups at diagnosis among recent HIV disease diagnoses (n = 663, 31.0% and 661, 31.1% respectively), while the 50 - 59 was the most frequent current age for total PLWH (n = 4,251; 29% , and 60+ years was the second most frequent (n = 4,225; 28.8%).



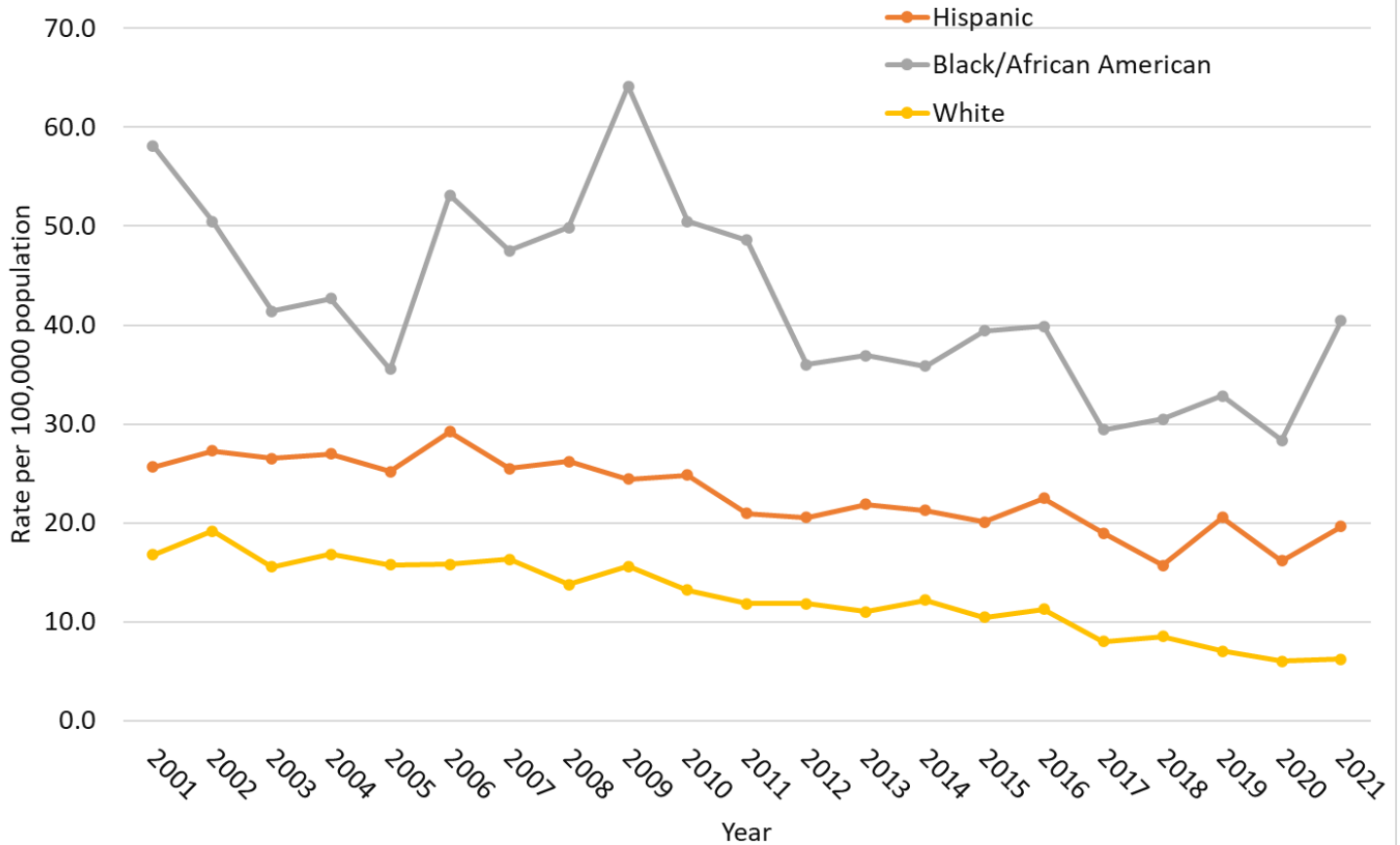
Age in 2022

Age at Diagnosis

¹ **Recent Cases** = HIV disease diagnosis, regardless of stage of disease, between 2018 – 2022 while residing in San Diego County

² **Persons Living with HIV disease (PLWH)** = Residing in San Diego County and alive as of December 31, 2022. Age is calculated at 12/31/2022.

HIV Diagnosis Rate by Race/Ethnicity, San Diego County, 2001-2021



Source: HHESP, HHSA, County of San Diego, 2023

SIMULTANEOUS DIAGNOSIS:

Defined as a diagnosis of AIDS occurring within 12 months of initial diagnosis of HIV.

The groups with the highest percentage of simultaneous diagnosis for recent HIV disease diagnoses (2018-2022) were Hispanic/Latino 26.9% (vs. 23.2% overall), North Inland (32.1%), North Coastal (31.6%) and North Central (30.6%) regions, PWID (27.3%) and age groups 40 – 49 (29.4%), 50 – 59 (35.7%), and 60+ (45.2%). Late testing represents missed opportunities to test clients and the subsequent entry of clients into care.

¹ AIDS case definition (as of March 4, 2014): CD4 <200 (percent not used unless count is missing). CD4 <200 is not diagnostic for AIDS if patient had a negative test within 180 days of HIV diagnosis.

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