

West Health District

HIV & STD Epidemiologic Profile 2021

This epidemiologic profile provides updated information about HIV and STDs in the West Health District in Los Angeles County (LAC). *All data represent persons aged ≥ 13 years. All rates are per 100,000.* See technical notes for additional details.



Percent of LAC PLWDH* residing in West

West residents make up **7%** of the LAC population

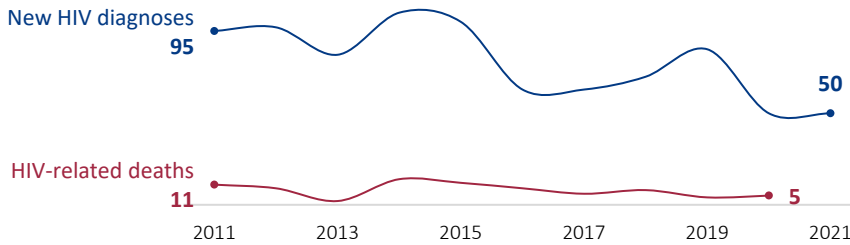


In 2021, West residents made up **5%** of the total number of PLWDH in LAC



*PLWDH = Persons living with diagnosed HIV

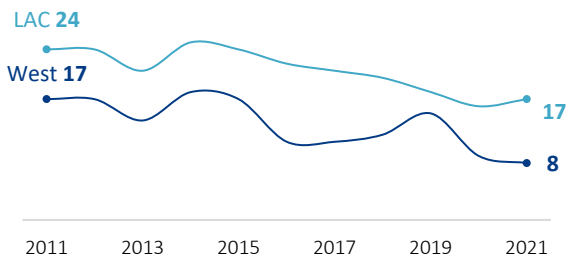
New Reported HIV Diagnoses & HIV-Related Deaths



New reported HIV diagnoses and HIV-related deaths among PLWDH in West have been on a declining trend since 2011.

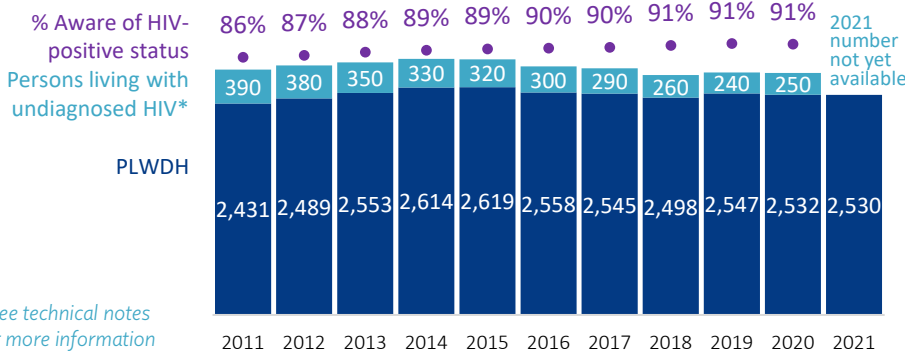
Note: It is recommended that 2014 and 2020 data be interpreted with caution due to situational factors. See technical notes for more information.

HIV Diagnosis Rates: West vs. LAC



Between 2011 and 2021, HIV diagnosis rates in West have been consistently lower than in LAC overall. Rates have been decreasing in West and LAC.

Number of Persons Living with HIV & Percent Aware of HIV-Positive Status



* See technical notes for more information

590,143

Residents of West Health District in 2021 aged ≥ 13 years

50

New reported HIV diagnoses in 2021

330

New reported syphilis diagnoses in 2020

1,256

New reported gonorrhea diagnoses in 2020

2,065

New reported chlamydia diagnoses in 2020

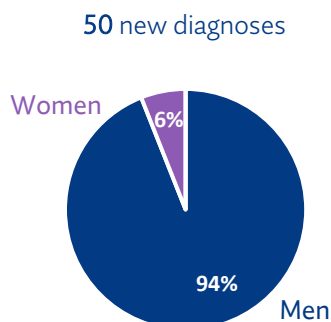
41%

STD coinfection among new reported HIV diagnoses in 2020

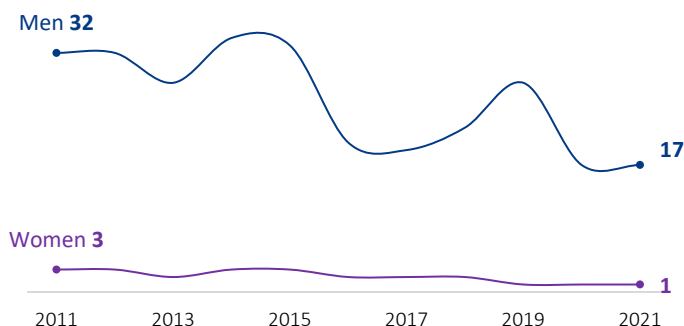
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Characteristics of New HIV Diagnoses – Gender, Race/Ethnicity, Age

2021 new HIV diagnoses by **gender**



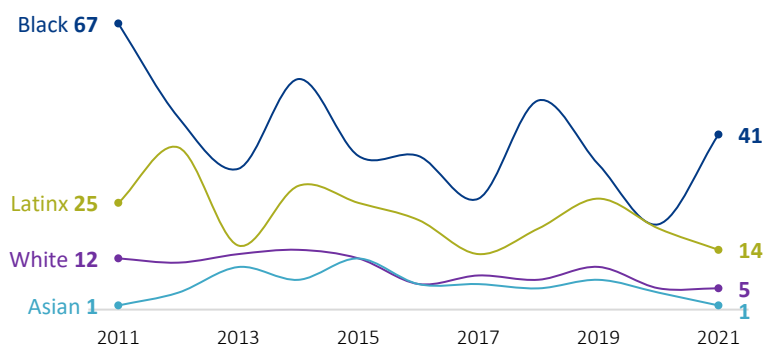
New HIV diagnosis rates¹ by **gender**



New HIV diagnosis rates have remained substantially higher among men compared with women, but rates among men are on the decline. Rates among women have remained relatively stable since 2011.

Note: There were no new reported HIV diagnoses among trans men or trans women in West Health District in 2021.

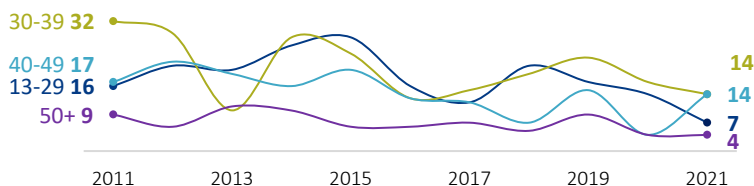
New HIV diagnosis rates¹ by **race/ethnicity**



Between 2011 and 2021, new HIV diagnosis rates among Black persons have been consistently higher than other race/ethnicity groups. Rates have declined among Black, White and Latinx persons since 2011.

Note: Native Hawaiian and Pacific Islanders, American Indians and Alaska Natives, and persons of multiple race/ethnicities are not included in this profile due to small numbers in West Health District.

New HIV diagnosis rates¹ by **age group**



Since 2011, new HIV diagnosis rates have declined across all age groups.

¹ New HIV diagnosis rates are presented per 100,000 population
Due to small numbers, rates may be unreliable and should be interpreted with caution

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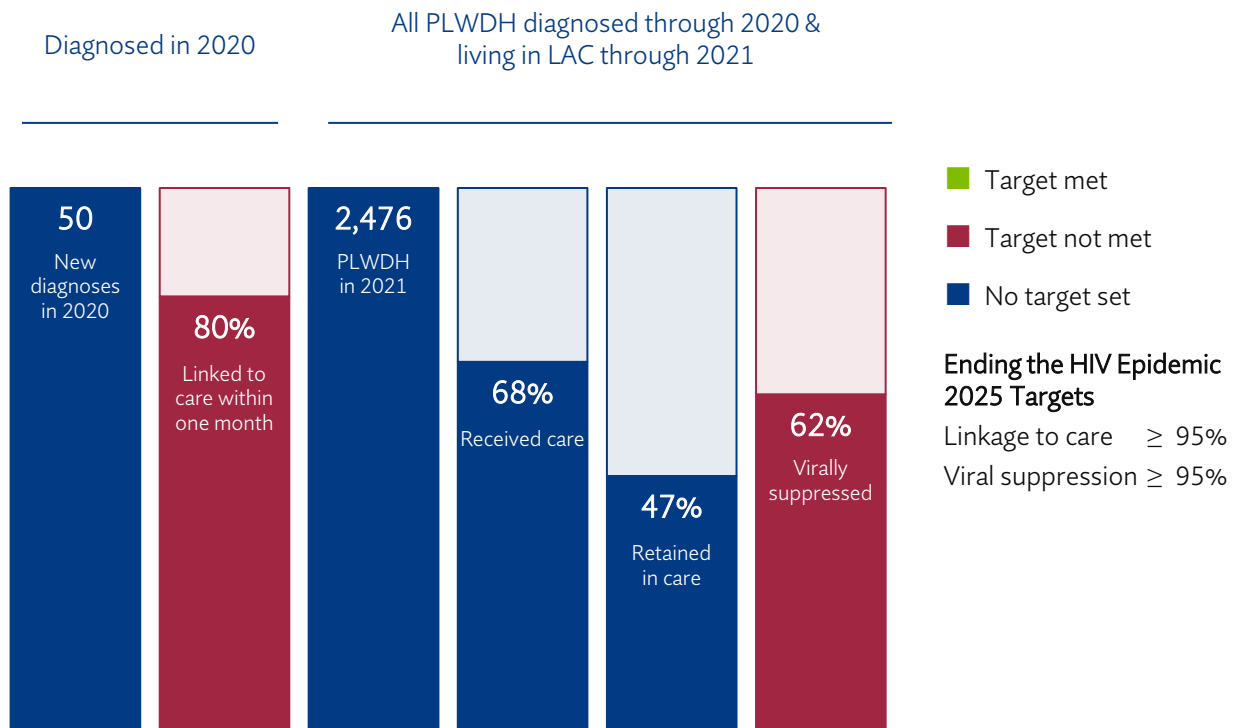
Transmission Category among Persons Newly Diagnosed with HIV by Gender

In 2021, the primary HIV transmission category among men was having sex with other men (MSM). For women, the primary HIV transmission category was sex with men. Data was unavailable on HIV transmission category for trans persons in this health district.

To protect the privacy of persons with HIV, Los Angeles County applies data suppression rules when the total number in a stratum is less than 100. In accordance with those rules, a chart/table of transmission category among persons newly diagnosed with HIV by gender could not be presented for this health district.

HIV Care Continuum

The HIV care continuum is a series of steps starting from when a person is diagnosed with HIV through their achievement of viral suppression. The base population for measuring linkage to HIV care is persons who received an HIV diagnosis in a given calendar year, whereas the base population for the downstream steps in the continuum is all persons who were diagnosed with HIV through 2020 and were living in LAC as of year end 2021. The latter ensures at least one year of follow-up to measure receipt of care, retention in care, and viral suppression.



Linkage to care and viral suppression levels have not yet met the 2025 targets set for the Ending the HIV Epidemic (EHE) Initiative.

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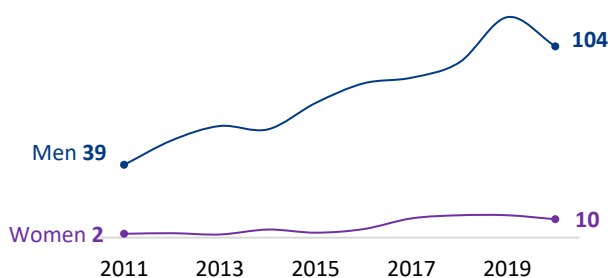
New Syphilis, Gonorrhea & Chlamydia Diagnoses and Rates: West vs. LAC

In 2020, a total of 3,651 new diagnoses of syphilis, gonorrhea, and chlamydia were reported among West Health District residents aged 13+ years. The rates of new diagnoses of syphilis, gonorrhea, and chlamydia were lower than in LAC.

| Syphilis in 2020 | Gonorrhea in 2020 | Chlamydia in 2020 |
|------------------------------|--------------------------------|--------------------------------|
| 330 new diagnoses in West | 1,256 new diagnoses in West | 2,065 new diagnoses in West |
| 4% of all LAC diagnoses | 5% of all LAC diagnoses | 4% of all LAC diagnoses |
| Rate of new diagnoses 57 | Rate of new diagnoses 217 | Rate of new diagnoses 357 |
| LAC rate: 98 | LAC rate: 295 | LAC rate: 605 |

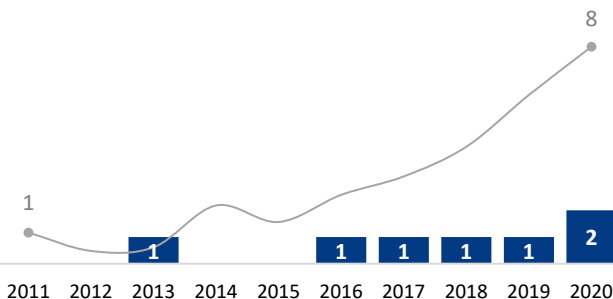
New STD Diagnosis Rates by Gender & New Congenital Syphilis Diagnoses

New syphilis diagnosis rates¹ by gender



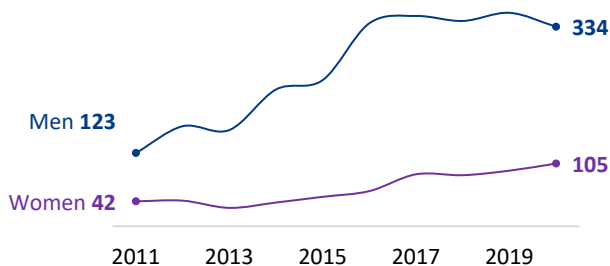
Since 2011, new syphilis diagnosis rates in West have increased for men and women. The decline in 2020 may be due to the impact of the COVID-19 pandemic on testing and diagnosis.

Number of new congenital syphilis (CS) diagnoses by type: Non-Stillbirths & Stillbirths vs. Expected number of CS diagnoses



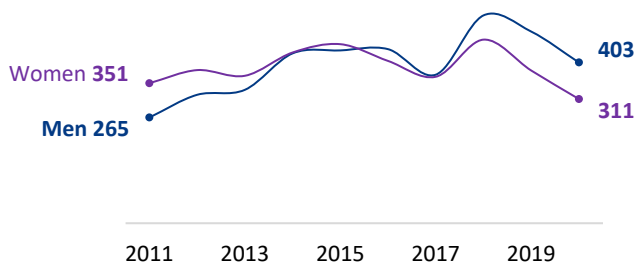
The number of new CS diagnoses in West has remained relatively low since 2011. In 2020, the number of CS diagnoses was lower than expected. West has reported no new stillbirth diagnoses since 2011.

New gonorrhea diagnosis rates¹ by gender



New gonorrhea diagnosis rates in West have increased for men and women since. Between 2011 and 2020, rates for both men and women in West have more than doubled.

New chlamydia diagnosis rates¹ by gender



New chlamydia diagnosis rates in West have remained stable for men and women since 2011. While rates among women in West were initially higher, rates among men have surpassed rates among women in recent years.

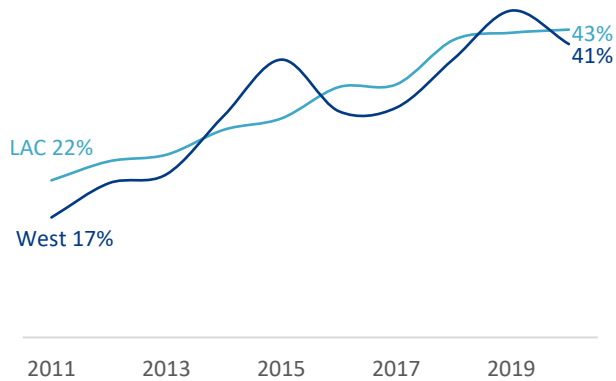
¹ New STD diagnosis rates are presented per 100,000 population. Due to small numbers, rates may be unreliable and should be interpreted with caution.

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Coinfection of HIV and STDs: West vs. LAC

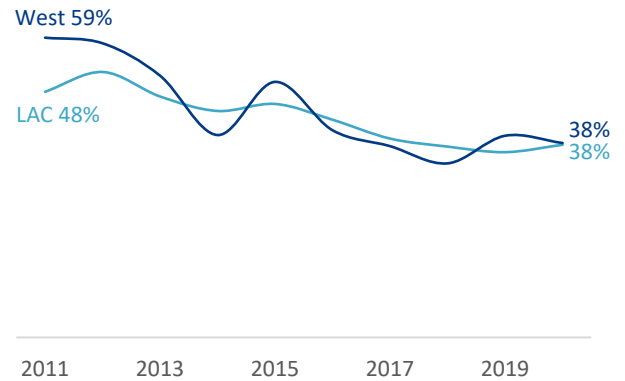
HIV and other STDs are syndemic in LAC. Persons with syphilis, gonorrhea, and/or chlamydia are at an increased risk of acquiring HIV due to biological and behavioral factors. STDs among PLWH can also increase HIV viral load and the risk of HIV transmission.

Percent of new HIV diagnoses coinfectd with an STD



The percentage of new HIV diagnoses in West with syphilis, gonorrhea, and/or chlamydia coinfection has increased from 17% in 2011 to 41% in 2020. This has tracked the trend in LAC overall.

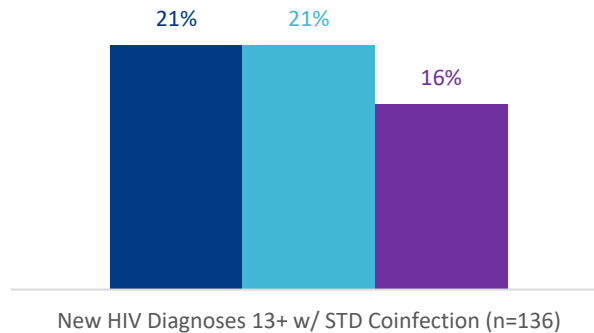
Percent of new syphilis diagnoses coinfectd with HIV



In 2020, 38% of all new syphilis diagnoses in West were coinfectd with HIV. This proportion has declined from over half in 2011 and has tracked the LAC trend.

Coinfection with STDs among New HIV Diagnoses

Syphilis Gonorrhea Chlamydia



Among persons newly diagnosed with HIV in 2019 & 2020, 21% had a syphilis, 21% gonorrhea and 16% had chlamydia, in the same year as their HIV diagnosis.