

HIV and Transgender People

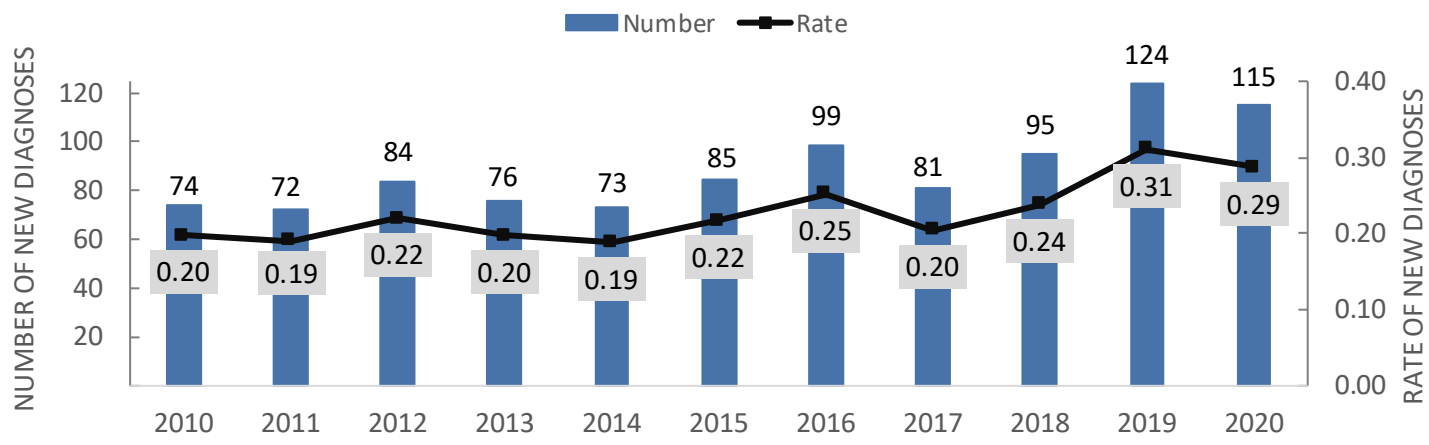
California, 2020

ALTHOUGH RATES AMONG TRANSGENDER PEOPLE ARE NOT AVAILABLE, HIV PREVALENCE AMONG TRANSGENDER PEOPLE IN THE US IS ESTIMATED TO BE 9.2% OVERALL (14.1% AMONG TRANS WOMEN AND 3.2% AMONG TRANS MEN). BY COMPARISON, HIV PREVALENCE IN CALIFORNIA IS ABOUT 0.3%, WHICH MEANS HIV RATES AMONG TRANSGENDER PEOPLE ARE ABOUT **31 TIMES HIGHER**. IN 2020, **97%** OF TRANSGENDER PEOPLE WHO RECEIVED AN HIV DIAGNOSIS IN CALIFORNIA WERE **TRANS WOMEN**.

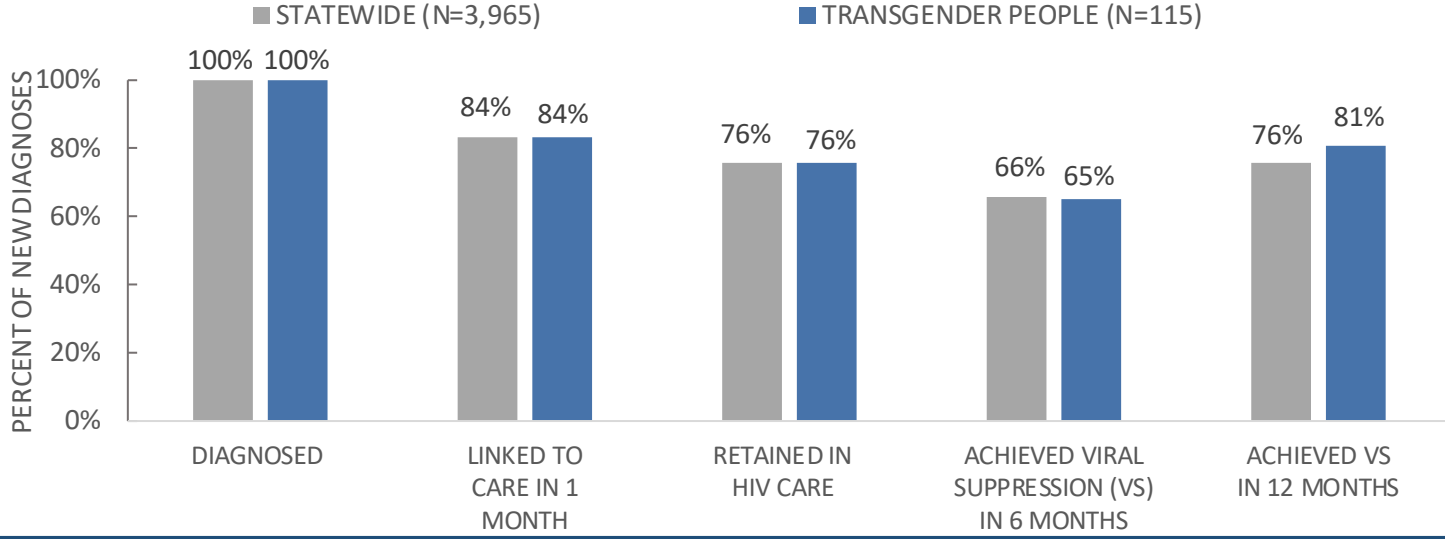
Demographics of New Diagnoses (N=115)

TRANSMISSION CATEGORY	RACE/ETHNICITY	AGE
93% Sexual contact	55% Latinx	0% 0 to 12
5% Unknown risk/other risk	29% Black/African American	20% 13 to 24
2% Injection drug use (IDU)	7% White	47% 25 to 34
	4% Asian	21% 35 to 44
	4% Multiple Races	9% 45 to 54
	1% Native Hawaiian/Pacific Islander	3% ≥55

NUMBER AND RATE* TRENDS OF NEW DIAGNOSES AMONG TRANSGENDER PEOPLE



HEALTH OUTCOMES AMONG NEW DIAGNOSES



From 2010 to 2020 the overall rate* of new HIV diagnoses increased by 45% among transgender people

120% ↑

in the rate* of new HIV diagnoses among transgender people 25-34 years old

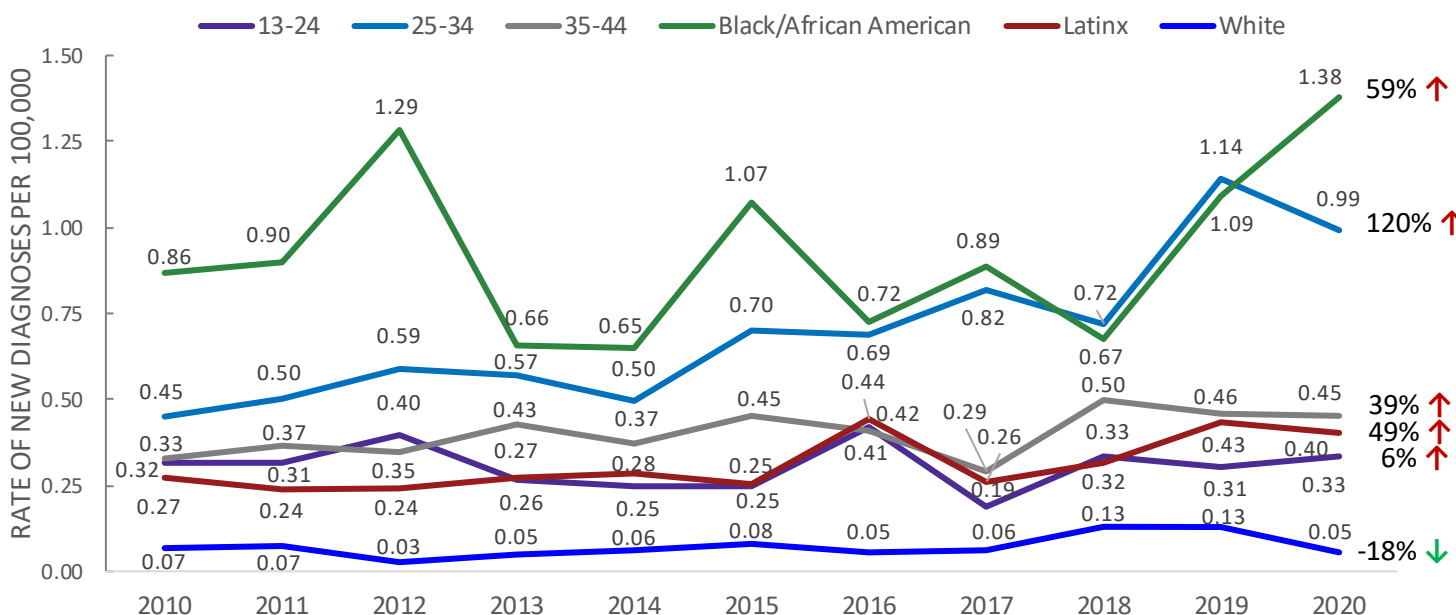
59% ↑

in the rate* of new HIV diagnoses among transgender Black/African Americans

18% ↓

in the rate* of new HIV diagnoses among transgender Whites

RATE* OF NEW DIAGNOSES AMONG TRANSGENDER PEOPLE (selected subgroups)



DECREASES IN RATES AMONG:

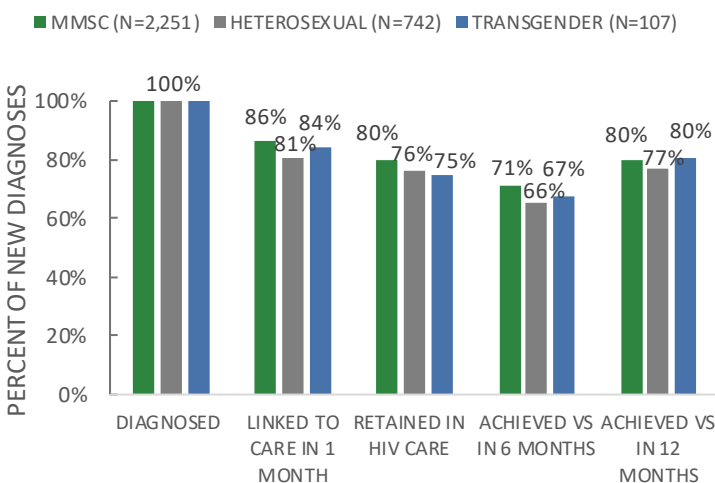
- Whites (18%↓)

INCREASES IN RATES AMONG

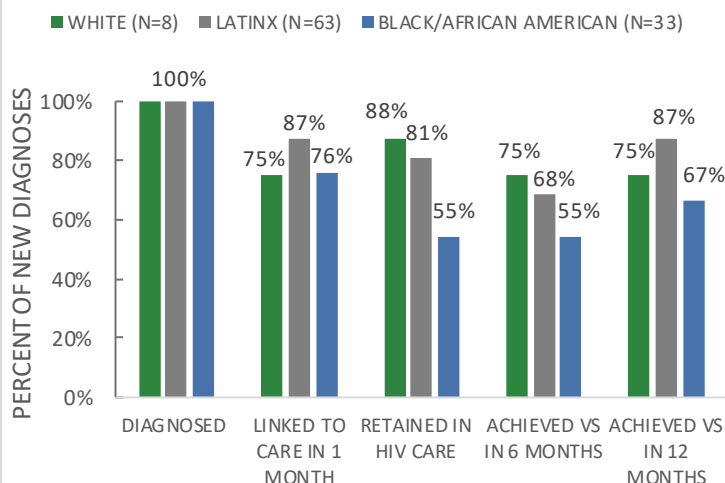
- Persons aged 13-24 (6%↑)
- Persons aged 25-34 (120%↑)
- Persons aged 35-44 (39%↑)
- Latinx (49%↑) and Black/African Americans (59%↑)

HEALTH OUTCOMES AMONG TRANSGENDER PEOPLE

Health Outcomes for Sexual Contact



Health Outcomes by Race



Transgender People newly diagnosed with HIV infection, linkage to care (LTC) within one month of diagnosis, and viral suppression (VS) within 6 months of diagnosis — California, 2020

Demographic group		2020	%Total	LTC	%LTC	VS	%VS
Transgender adult or adolescent (>12 years old at diagnosis)	Sexual contact only	98	85.2%	84	85.7%	67	68.4%
	IDU (regardless of sexual contact)	11	9.6%	8	72.7%	6	54.5%
	Unknown risk	6	5.2%	4	66.7%	2	33.3%
Race/Ethnicity	Latinx	63	54.8%	55	87.3%	43	68.3%
	American Indian/Alaska Native	0	0.0%	0	0.0%	0	0.0%
	Asian	5	4.3%	4	80.0%	4	80.0%
	Black/African American	33	28.7%	25	75.8%	18	54.5%
	Native/Hawaiian/Other Pacific Islander	1	0.9%	-	-	-	-
	White	8	7.0%	6	75.0%	6	75.0%
	Multiple races	5	4.3%	-	-	3	60.0%
Age at diagnosis (in years)	13 to 24	23	20.0%	17	73.9%	16	69.6%
	25 to 34	54	47.0%	46	85.2%	35	64.8%
	35 to 44	24	20.9%	20	83.3%	16	66.7%
	45 to 54	10	8.7%	9	90.0%	6	60.0%
	≥55	4	3.5%	-	-	2	50.0%
Total		115	100.0%	96	83.5%	75	65.2%

Note: Transgender people who have sex with men are placed in the transmission category of transgender sexual contact. Persons who inject drugs are in the transmission category IDU, regardless of sexual contact. Some numbers were suppressed to ensure the confidentiality of personally identifiable information.

Technical Notes

The information presented in this report is based on HIV surveillance data reported to the Office of AIDS through December 31, 2021, allowing for a minimum of 12 months' reporting delay. For living HIV cases, persons are presumed to reside in California if the most recent available address is located in the state. For new diagnoses, persons are included if they were living in California at the time of diagnosis.

The term HIV infection is defined as any diagnosis of HIV infection that met the CDC surveillance case definition, regardless of the stage of disease (stage 0, 1, 2, 3 [AIDS], or unknown) at time of initial diagnosis. This report does not include estimates of the number of persons who are infected with HIV, but not yet diagnosed. Because persons test at differing times after becoming infected, the number of persons with newly diagnosed HIV infection is not necessarily representative of persons newly infected with HIV (HIV incidence).

Age: For newly diagnosed persons, the age group is based on the date of diagnosis.

Gender: Persons were classified as being transgender if a case report form affirming their transgender status was present in HIV surveillance data by December 31, 2021.

Race and ethnicity: Latinx persons can be of any race.

Transmission category: Transmission category is the term for classifying cases based on a person's reported HIV risk factors. The classification results from selecting the single risk factor most likely to have been responsible for transmission, even if multiple risk factors were reported.

Gay, bisexual, and other men who have sex with men are in the transmission category of MMSC. Transgender people who report sexual contact are placed in the transmission category of TGSC, regardless of IDU, unless otherwise noted. Transgender persons who do not report sexual contact but who inject drugs are in the transmission category IDU, unless otherwise noted. Persons whose transmission category is classified as heterosexual contact are cisgender persons who reported engaging in heterosexual intercourse with a person of the opposite sex-at-birth. The heterosexual categories exclude men who report ever having had sexual contact with both men and women—these persons are classified as MMSC. Cases of HIV infection reported without a risk factor listed in the hierarchy of transmission categories are classified as “unknown risk”. Other includes exposure to blood transfusion or blood products, receiving a transplant, and other unspecified risks.

Rates*: Traditionally, disease rates take the form of “X number of cases per 100,000” of the population group specified. However, for some populations, such as transgender people, it can be difficult to accurately estimate population denominators. For that reason, the rates* reported on this fact sheet represent the number of transgender cases per 100,000 persons within the specified race/ethnicity and/or age group. Even though this is not a true rate, it is used to assess trends over time among a particular group. Rates per 100,000 persons are based on population estimates from the State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060 (Sacramento, California, Jan 2020).

Linked to Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test within the specified time period after diagnosis were considered to be linked to care during that time period.

Retained in Care: Persons who had two or more CD4, viral load, or HIV-1 genotype tests that were performed at least 3 months apart within 12 months of diagnosis.

Viral Suppression: Persons whose most recent HIV viral load test result within the reported time period following diagnosis was ≤ 200 copies/ml were considered to be virally suppressed.